

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008668.D
 Acq On : 05 Apr 2019 04:32
 Operator : JC/SP
 Sample : K2274-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:26 AM

Quant Time: Apr 05 09:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124029	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	92350	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	376190	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	136355	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89659	43.865	ug/l	98
3) Chloromethane	1.32	50	124014	49.489	ug/l	100
4) Vinyl Chloride	1.40	62	561081	203.063	ug/l	99
5) Bromomethane	1.64	94	53204	39.500	ug/l	99
6) Chloroethane	1.71	64	74383	49.247	ug/l	99
7) Trichlorofluoromethane	1.93	101	139329	45.616	ug/l	99
8) Diethyl Ether	2.18	74	66725	46.067	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88868	45.191	ug/l	100
10) Methyl Iodide	2.51	142	69790	39.851	ug/l	99
11) Tert butyl alcohol	3.05	59	132866	219.127	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102138	49.754	ug/l	100
13) Acrolein	2.29	56	50849	169.127	ug/l	99
14) Allyl chloride	2.73	41	208153	44.292	ug/l	99
15) Acrylonitrile	3.14	53	369762	230.194	ug/l	100
16) Acetone	2.45	43	307455	206.105	ug/l	100
17) Carbon Disulfide	2.57	76	274761	46.294	ug/l	100
18) Methyl Acetate	2.78	43	147622	40.803	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349204	47.632	ug/l	93
20) Methylene Chloride	2.85	84	111376	44.604	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	110477	49.753	ug/l	95
22) Diisopropyl ether	3.85	45	420173	46.388	ug/l	93
23) Vinyl Acetate	3.81	43	1707761	216.727	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216265	48.223	ug/l	99
25) 2-Butanone	4.68	43	519748	220.443	ug/l	99
26) 2,2-Dichloropropane	4.59	77	105283	33.332	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	5746198	2250.792	ug/l	88
28) Bromochloromethane	5.02	49	96862	51.815	ug/l	100
29) Tetrahydrofuran	5.13	42	347086	221.796	ug/l	99
30) Chloroform	5.21	83	184077	45.956	ug/l	99
31) Cyclohexane	5.58	56	215494	48.156	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	196325	60.653	ug/l	100
36) 1,1-Dichloropropene	5.80	75	144345	43.513	ug/l	99
37) Ethyl Acetate	4.84	43	183617	41.469	ug/l #	81
38) Carbon Tetrachloride	5.79	117	124458	45.331	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243829	59.501	ug/l	97
40) Benzene	6.15	78	448992	45.433	ug/l	98
41) Methacrylonitrile	5.04	41	114374	44.938	ug/l	99
42) 1,2-Dichloroethane	6.19	62	157042	44.326	ug/l	100
43) Isopropyl Acetate	6.45	43	308696	44.505	ug/l	100
44) Trichloroethene	7.21	130	1723058	748.603	ug/l	99
45) 1,2-Dichloropropane	7.51	63	127178	45.087	ug/l	98
46) Dibromomethane	7.66	93	72394	44.252	ug/l	99
47) Bromodichloromethane	7.90	83	147371	47.776	ug/l	98
48) Methyl methacrylate	7.77	41	159626	45.494	ug/l	98
49) 1,4-Dioxane	7.74	88	51671	786.138	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1063723	238.230	ug/l	100
52) Toluene	8.79	92	266299	45.707	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	156884	45.404	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	175283	44.396	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105912	45.287	ug/l	98
56) Ethyl methacrylate	9.18	69	213621	50.484	ug/l	95
57) 1,3-Dichloropropane	9.37	76	190310	45.317	ug/l	99
59) 2-Hexanone	9.49	43	782995	225.644	ug/l	99
60) Dibromochloromethane	9.58	129	105471	47.859	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111371	45.744	ug/l	98
64) Tetrachloroethene	9.34	164	2082394	1025.379	ug/l	99
65) Chlorobenzene	10.14	112	277920	45.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	97424	45.704	ug/l	99
67) Ethyl Benzene	10.25	91	514496	45.410	ug/l	100
68) m/p-Xylenes	10.36	106	368688	90.504	ug/l	99
69) o-Xylene	10.69	106	180250	45.657	ug/l	99
70) Styrene	10.71	104	317494	46.654	ug/l	99
71) Bromoform	10.85	173	78461	48.194	ug/l #	98
73) Isopropylbenzene	11.02	105	476640	44.749	ug/l	100
74) N-amyl acetate	10.90	43	271760	43.366	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	183496	45.297	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154885m	43.867	ug/l	
77) Bromobenzene	11.26	156	116972	45.681	ug/l	99
78) n-propylbenzene	11.36	91	553421	44.622	ug/l	100
79) 2-Chlorotoluene	11.42	91	332142	44.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	402532	45.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53651	41.886	ug/l	97
82) 4-Chlorotoluene	11.51	91	384879	44.302	ug/l	99
83) tert-Butylbenzene	11.77	119	397095	46.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	408808	45.155	ug/l	100
85) sec-Butylbenzene	11.94	105	474572	46.447	ug/l	98
86) p-Isopropyltoluene	12.06	119	413530	45.092	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204790	44.674	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207115	44.618	ug/l	99
89) n-Butylbenzene	12.38	91	390023	45.349	ug/l	100
90) Hexachloroethane	12.60	117	70460	46.323	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205067	45.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39236	44.030	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	142629	45.070	ug/l	97

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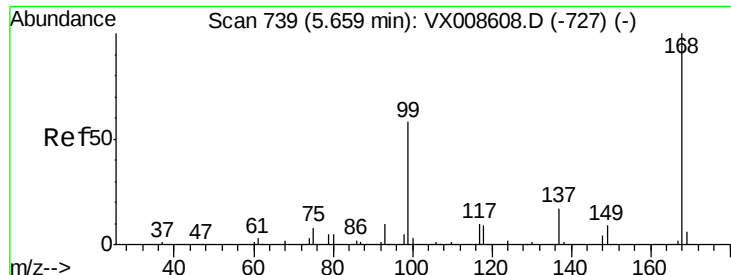
Manual Integrations
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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66198	43.618	ug/l	100
95) Naphthalene	13.83	128	478929	45.281	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	141021	44.601	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion:168 Resp: 177570

Ion Ratio Lower Upper

168 100

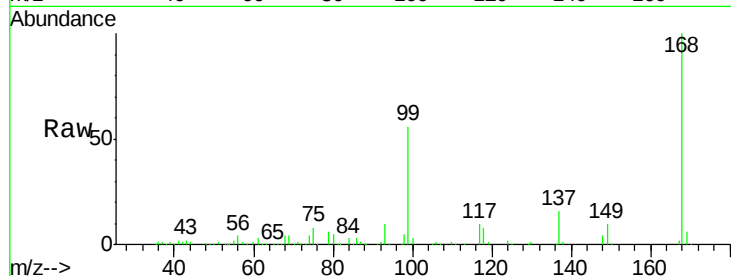
99 56.2 46.7 70.1

Manual Integrations

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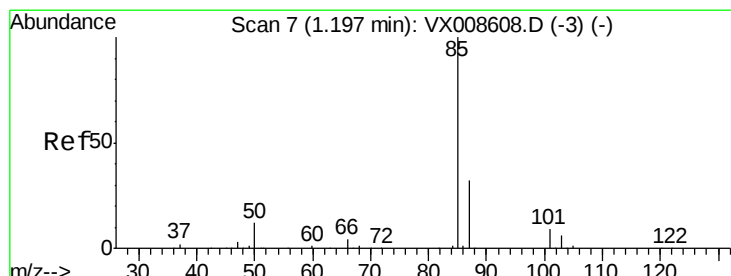
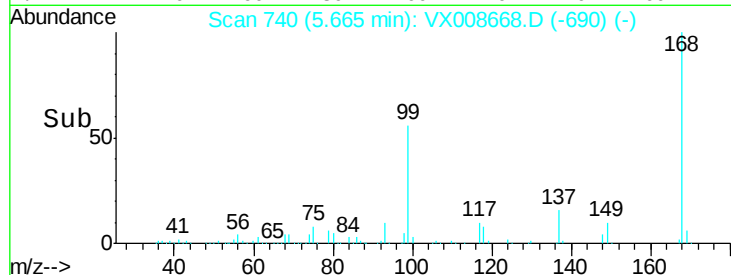
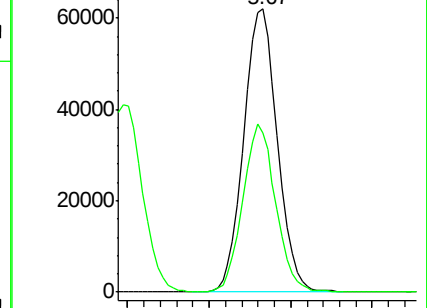
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4/5/2019 10:53:26 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.865 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008668.D

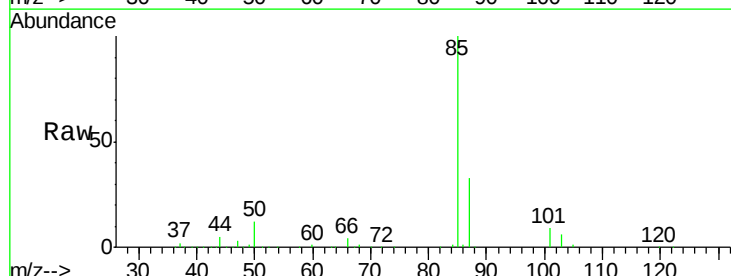
Acq: 05 Apr 2019 04:32

Tgt Ion: 85 Resp: 89659

Ion Ratio Lower Upper

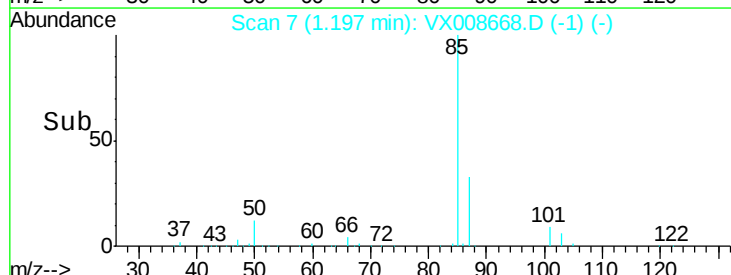
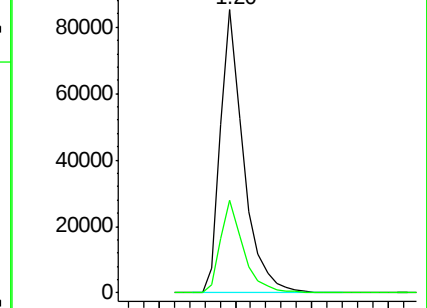
85 100

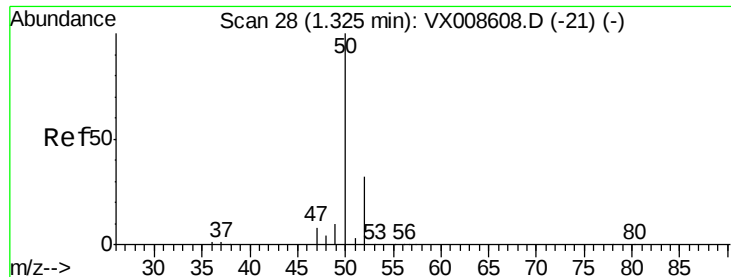
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.489 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 50 Resp: 124014

Ion Ratio Lower Upper

50 100

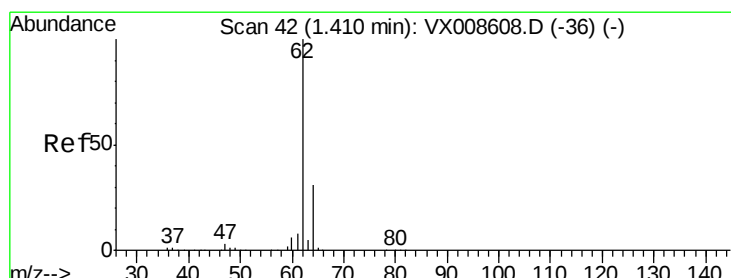
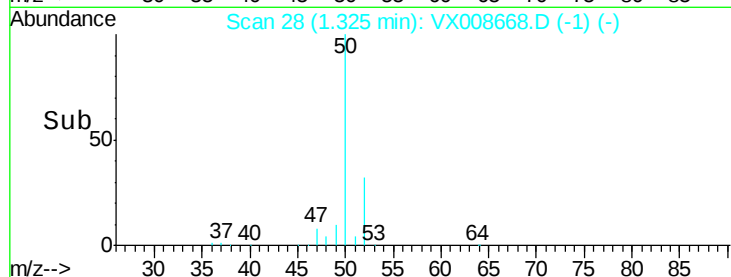
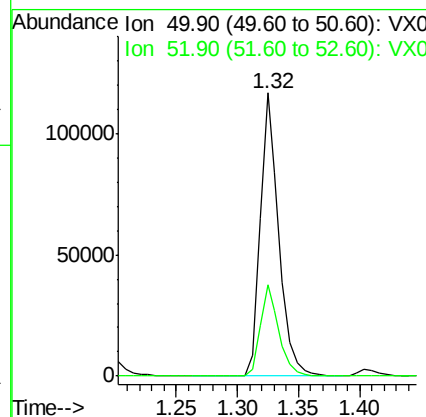
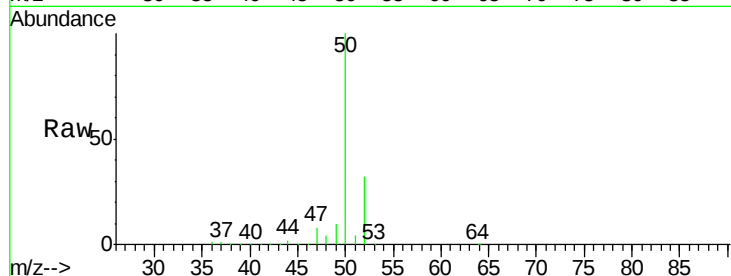
52 32.4 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 203.063 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008668.D

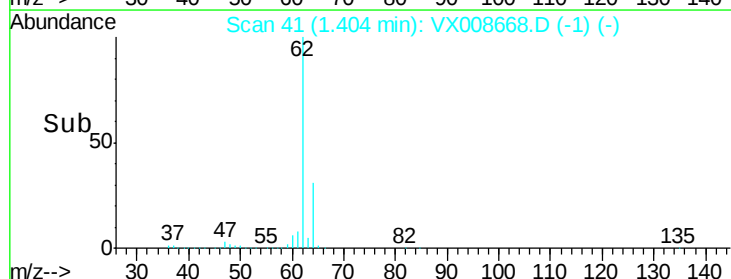
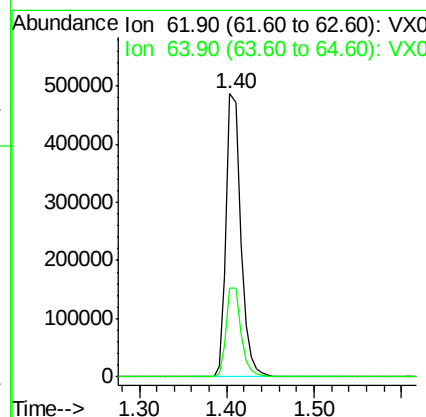
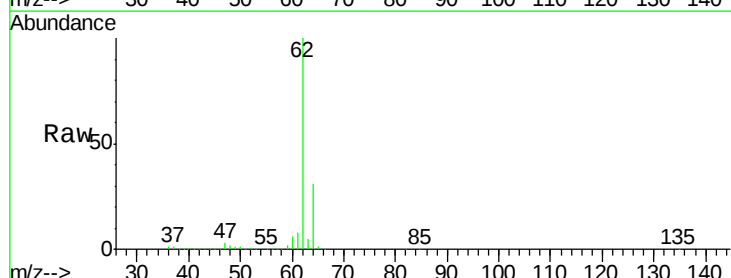
Acq: 05 Apr 2019 04:32

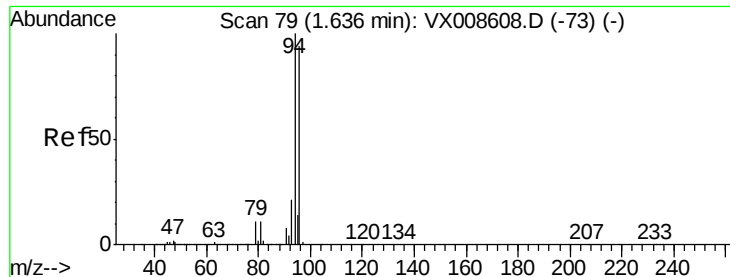
Tgt Ion: 62 Resp: 561081

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 39.500 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

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ClientSampleId :

ST006RW149-190402MS

Tot Ion: 94 Resp: 53204

Ion Ratio Lower Upper

94 100

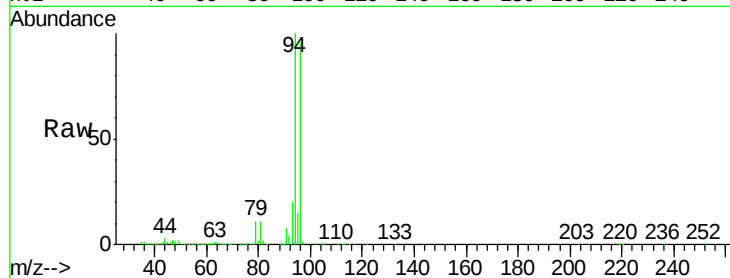
96 95.0 75.2 112.8

Manual Integrations

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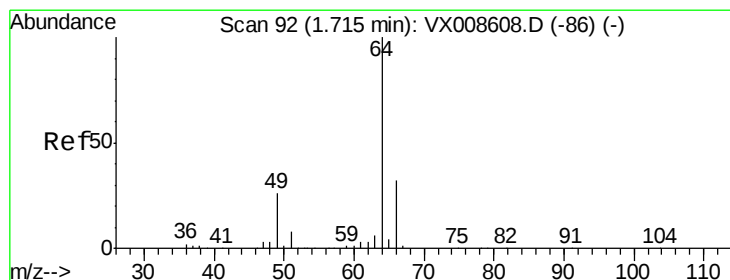
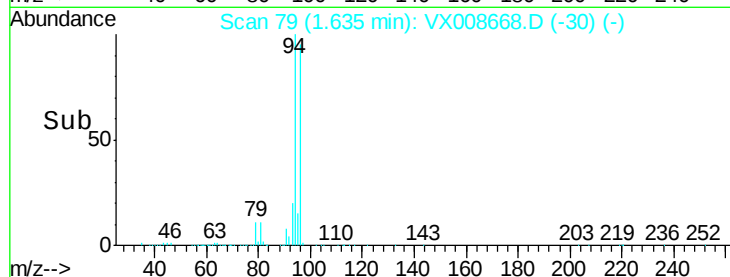
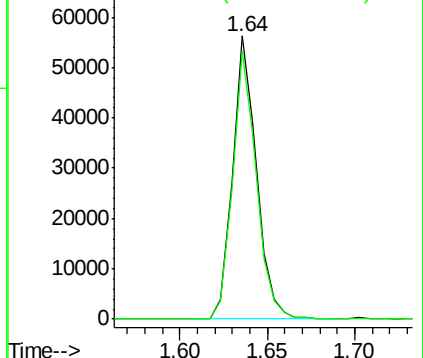
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.247 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008668.D

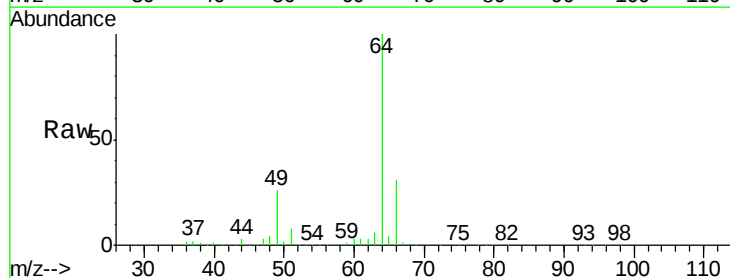
Acq: 05 Apr 2019 04:32

Tgt Ion: 64 Resp: 74383

Ion Ratio Lower Upper

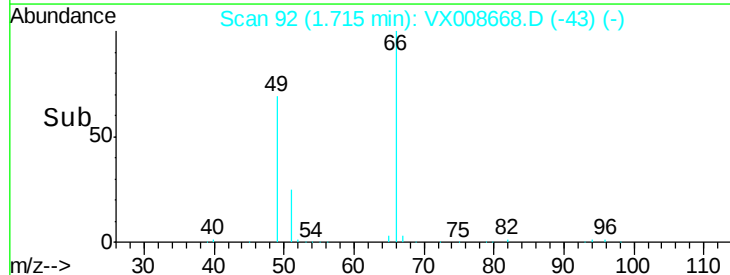
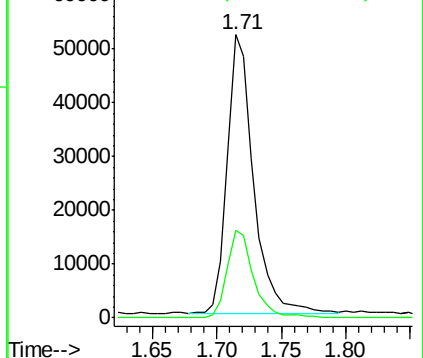
64 100

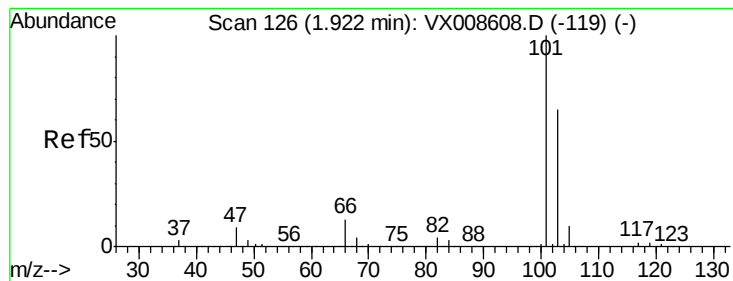
66 31.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

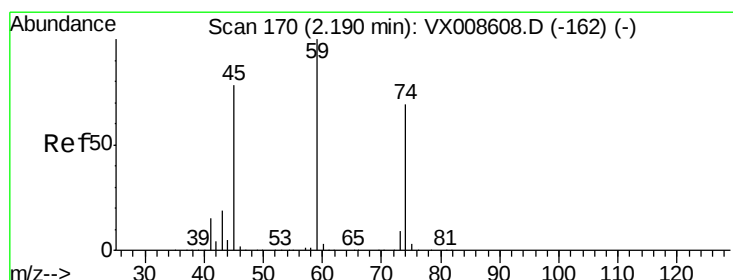
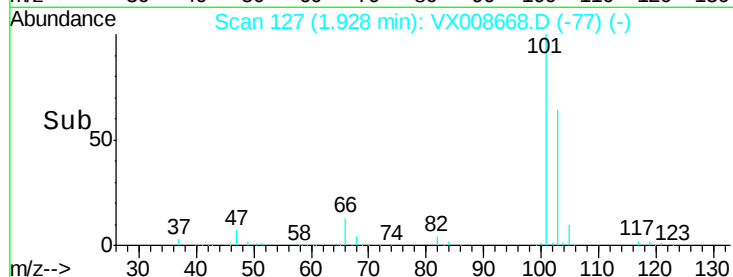
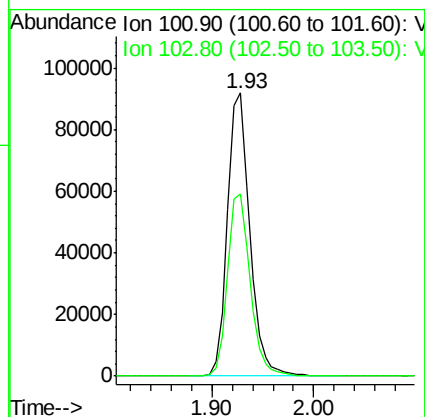
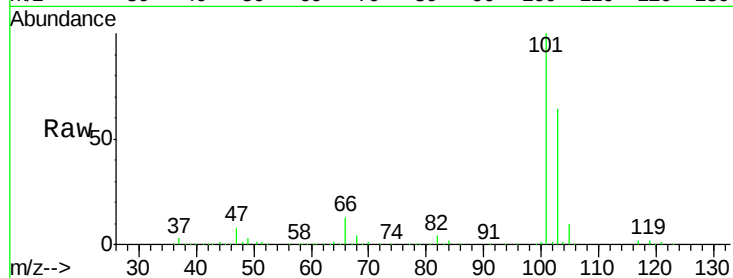
Trichlorofluoromethane
Concen: 45.616 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion:101 Resp: 139329
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

Manual Integrations
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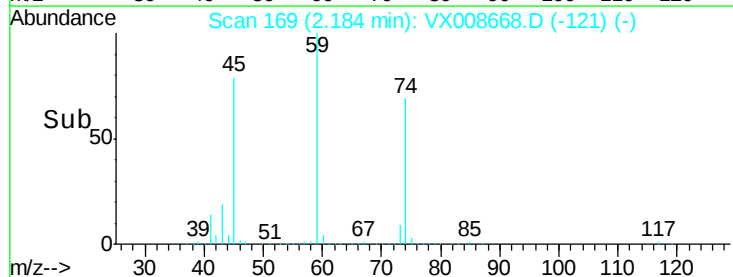
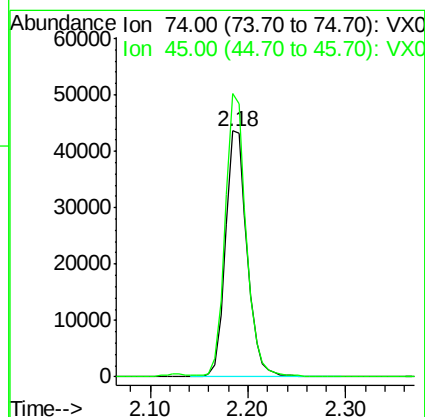
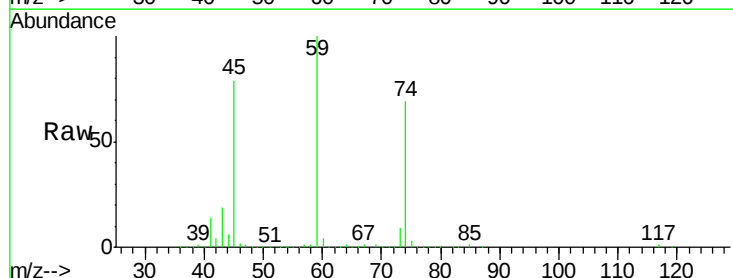
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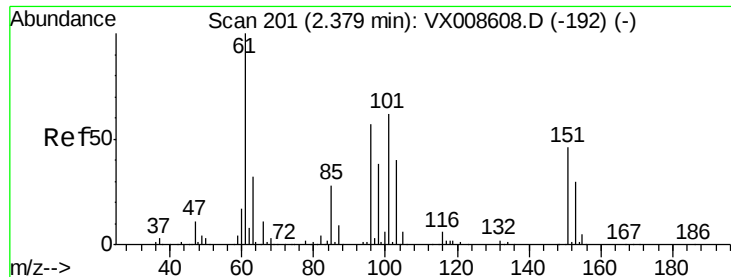


#8

Diethyl Ether
Concen: 46.067 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 74 Resp: 66725
Ion Ratio Lower Upper
74 100
45 111.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.191 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

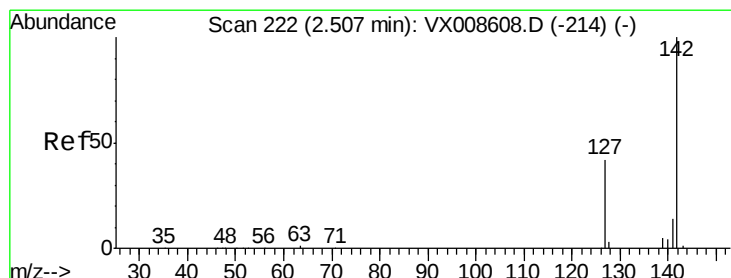
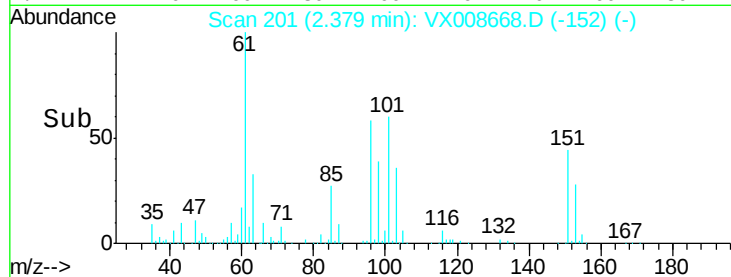
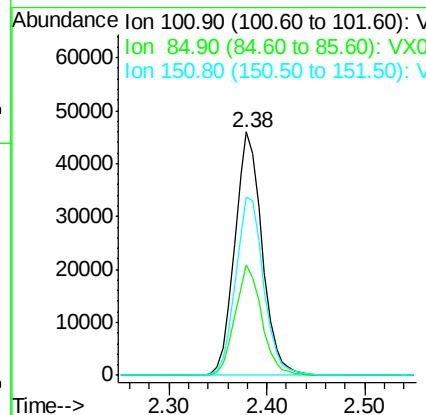
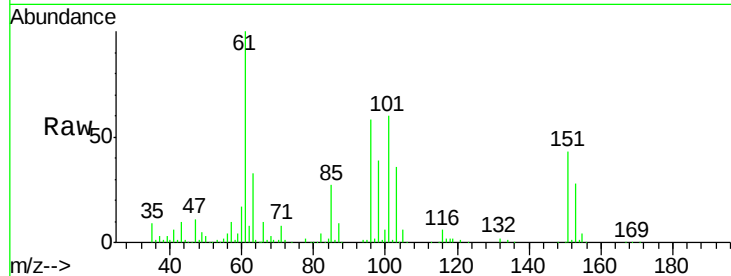
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	101	Resp:	88868
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.0	54.0
151	75.0	59.9	89.9

Manual Integrations
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4/5/2019 10:53:26 AM



#10

Methyl Iodide

Concen: 39.851 ug/l

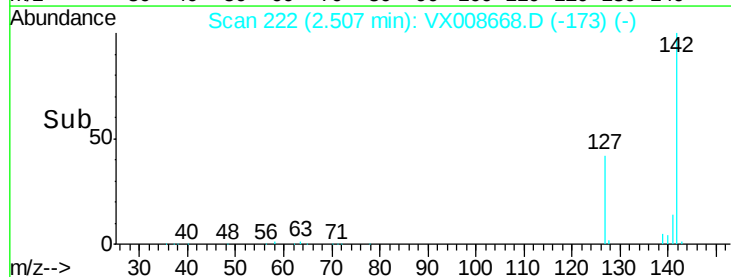
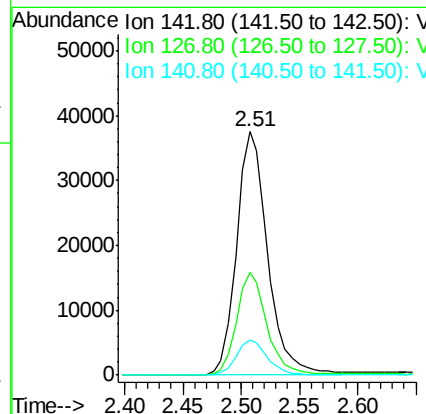
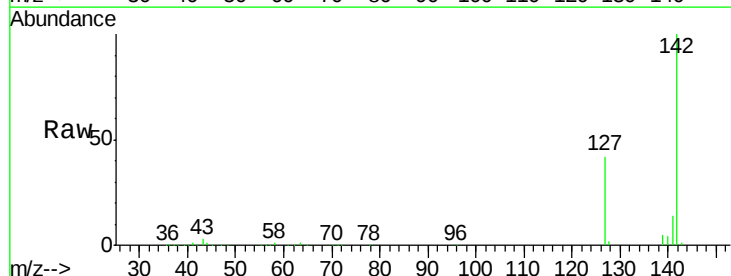
RT: 2.51 min Scan# 222

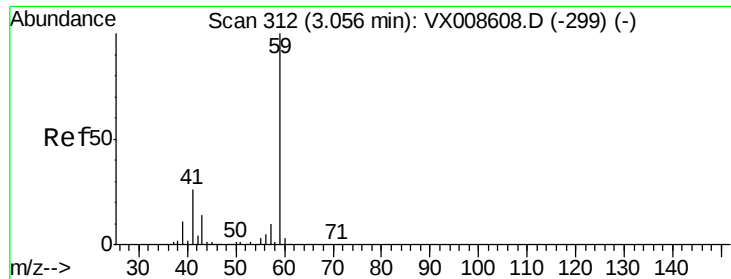
Delta R.T. 0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	142	Resp:	69790
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.0	49.6
141	14.6	11.4	17.2





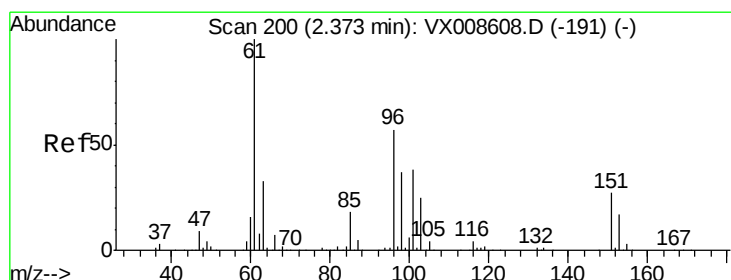
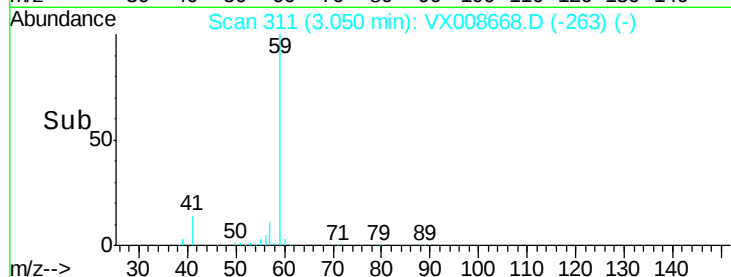
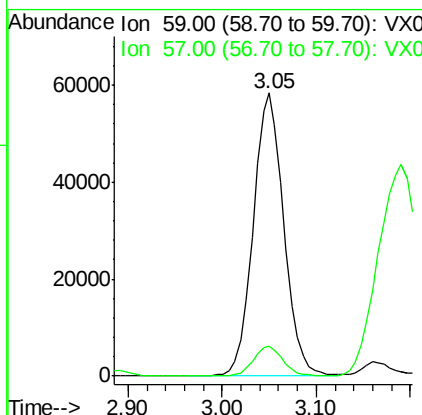
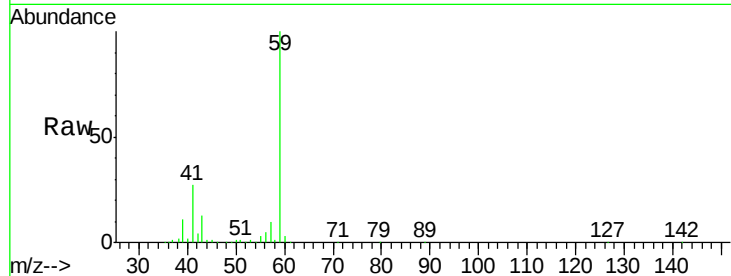
#11
Tert butyl alcohol
Concen: 219.127 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion: 59 Resp: 132866
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

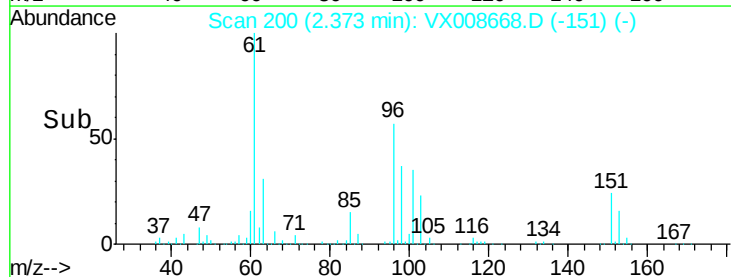
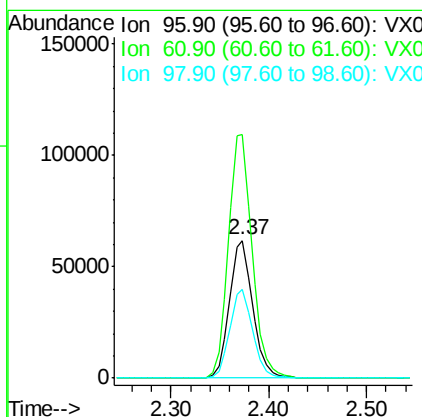
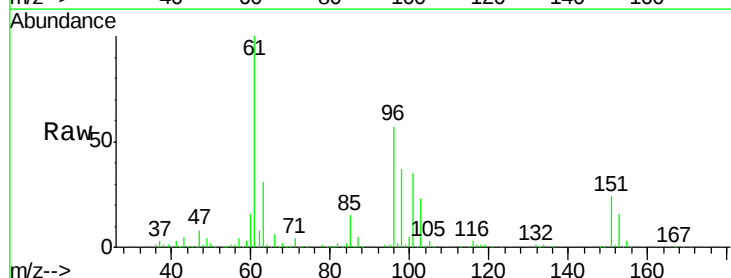
Manual Integrations
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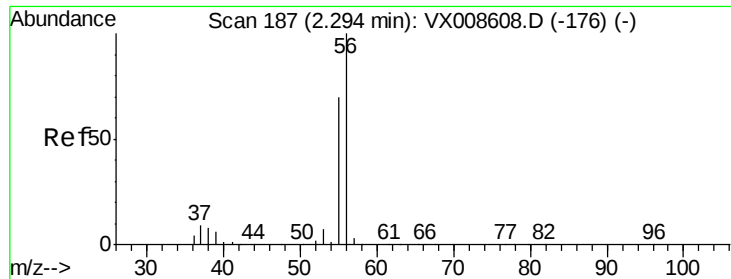
MMDadoda
4/5/2019 10:53:26 AM



#12
1,1-Dichloroethene
Concen: 49.754 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 96 Resp: 102138
Ion Ratio Lower Upper
96 100
61 176.7 140.9 211.3
98 64.7 52.1 78.1





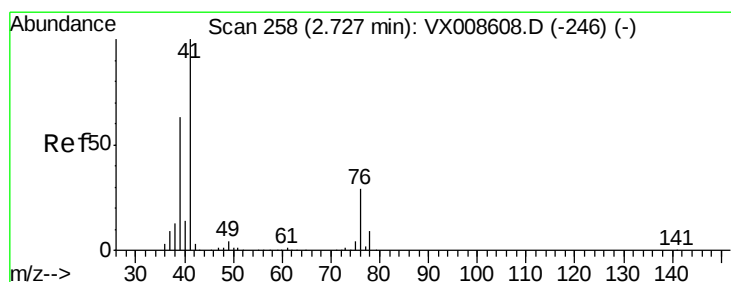
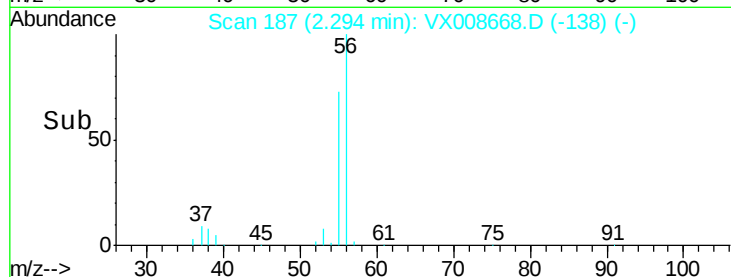
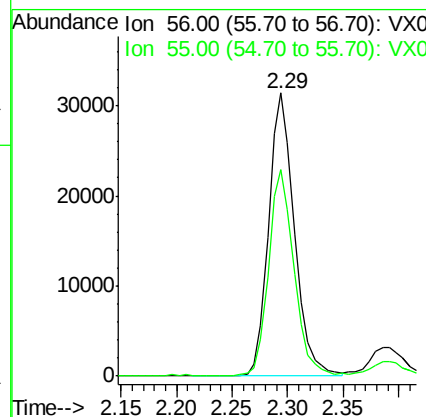
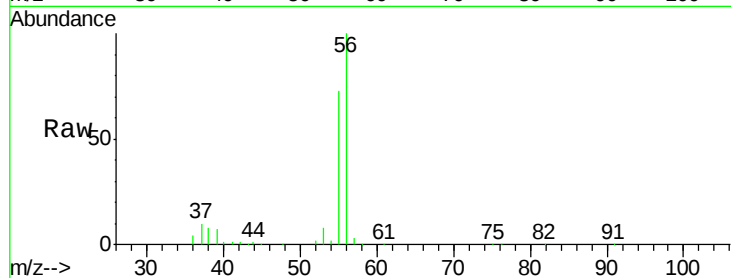
#13
Acrolein
Concen: 169.127 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	71.7		58.0	87.0	

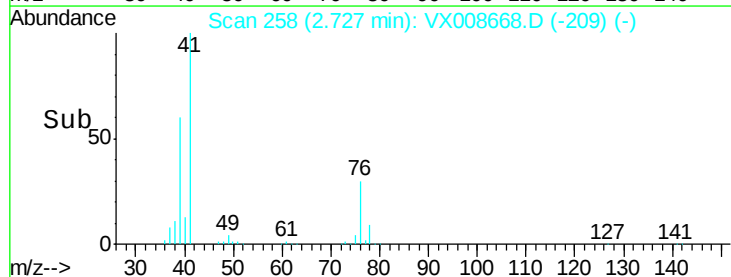
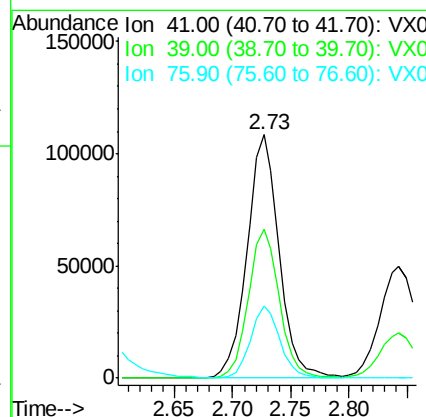
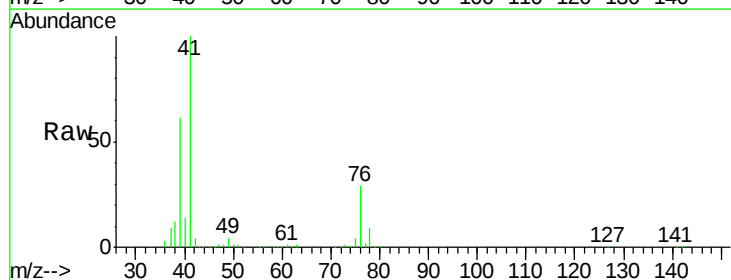
Manual Integrations
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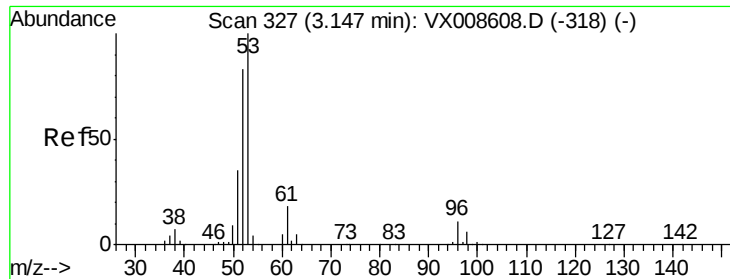
MMDadoda
4/5/2019 10:53:26 AM



#14
Allyl chloride
Concen: 44.292 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	59.5			48.0	72.0	
76	27.2			22.0	33.0	





#15

Acrylonitrile

Concen: 230.194 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

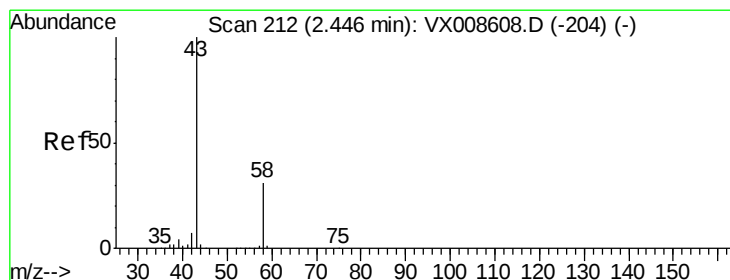
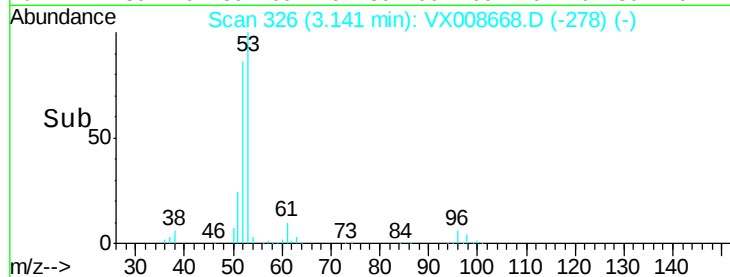
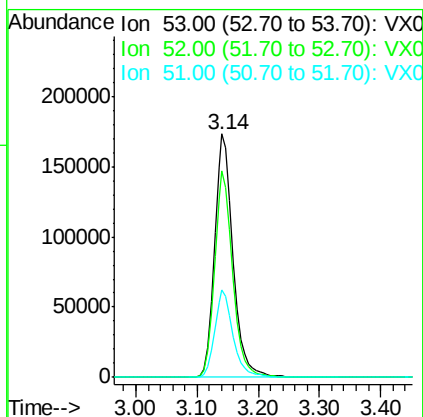
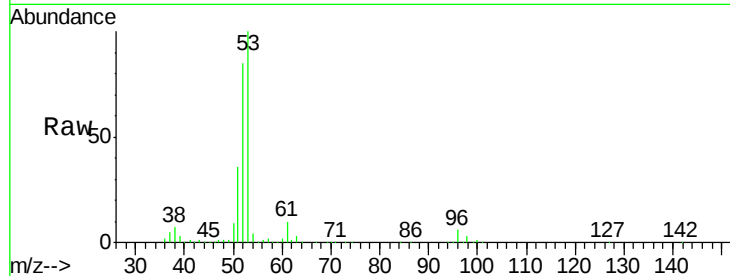
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	53	Resp:	369762
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.5	99.7
51	35.8	28.6	42.8

Manual Integrations
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MMDadoda
4/5/2019 10:53:26 AM



#16

Acetone

Concen: 206.105 ug/l

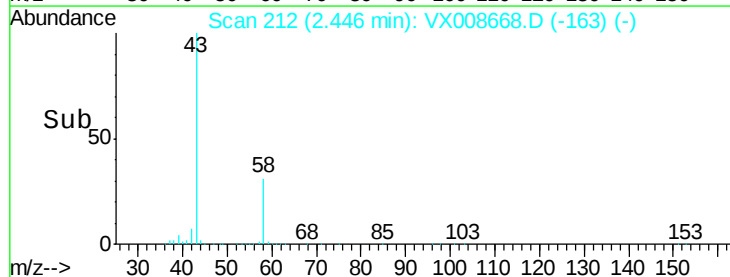
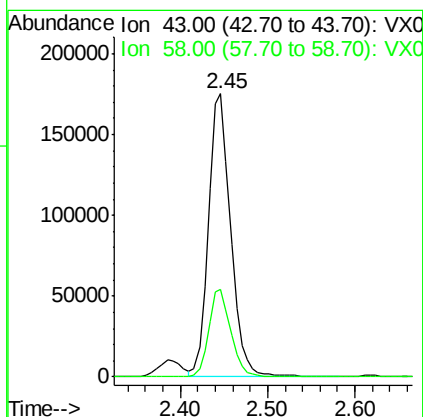
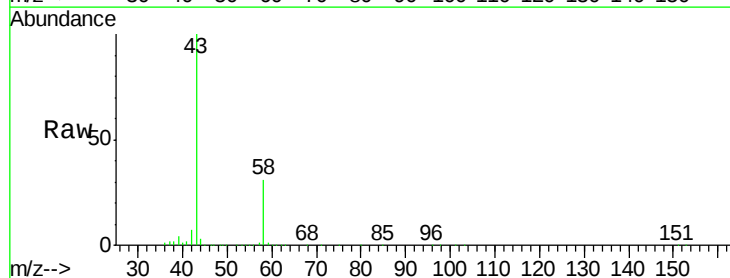
RT: 2.45 min Scan# 212

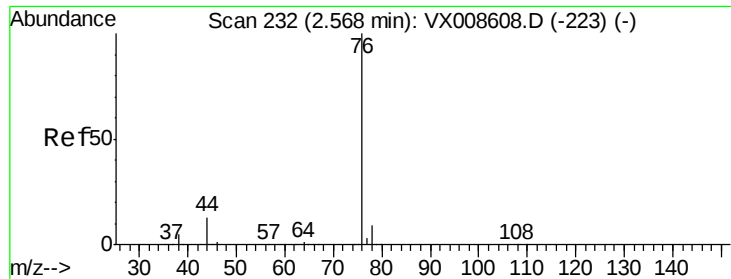
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	43	Resp:	307455
Ion Ratio	Lower	Upper	
43	100		
58	31.1	24.8	37.2





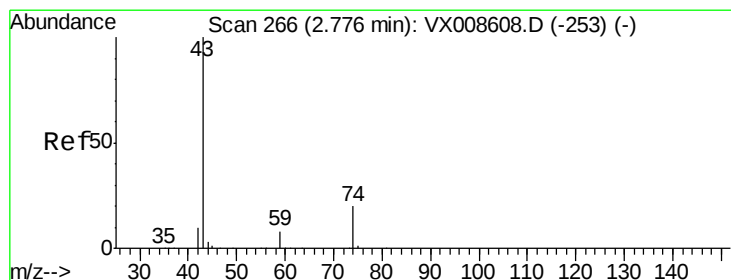
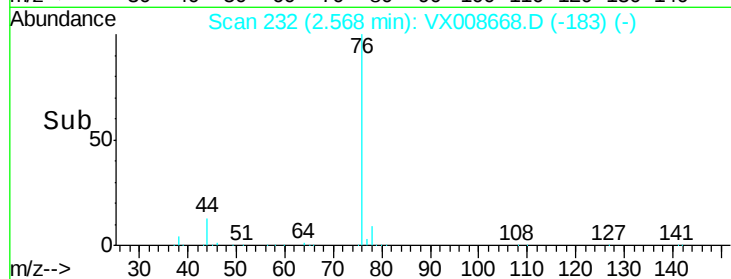
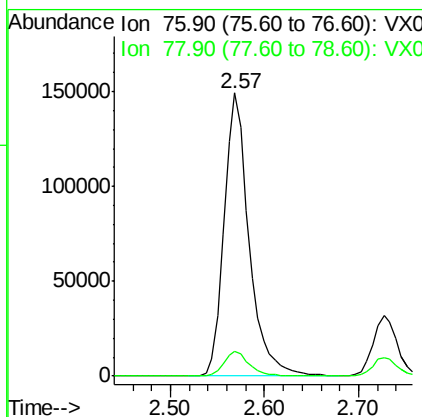
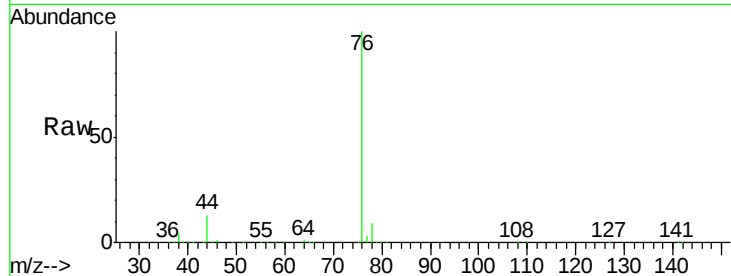
#17
Carbon Disulfide
Concen: 46.294 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

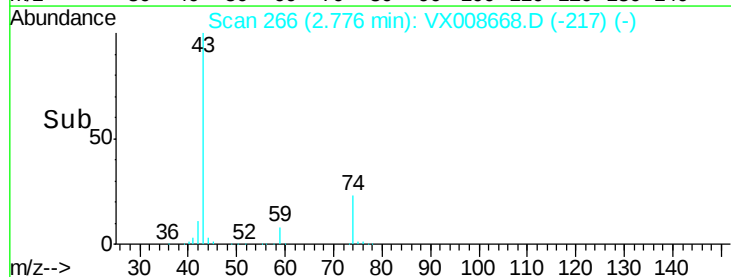
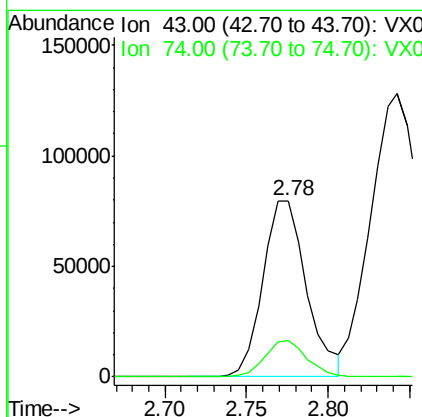
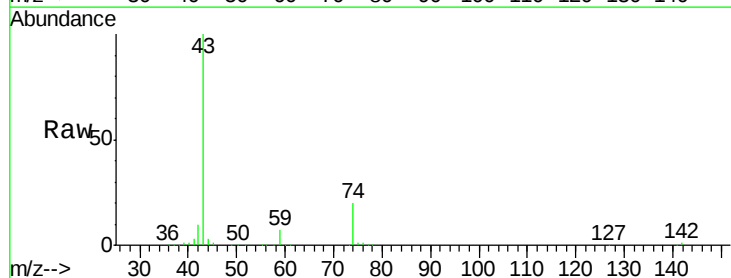
Manual Integrations
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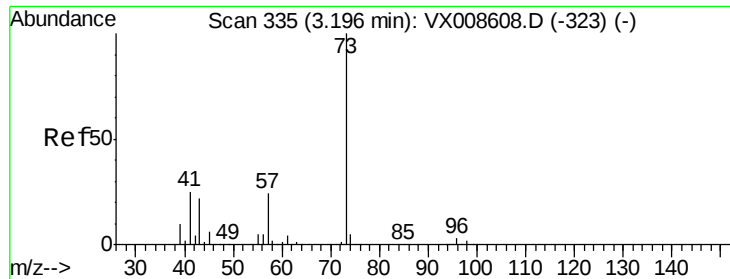
MMDadoda
4/5/2019 10:53:26 AM



#18
Methyl Acetate
Concen: 40.803 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.5	24.7





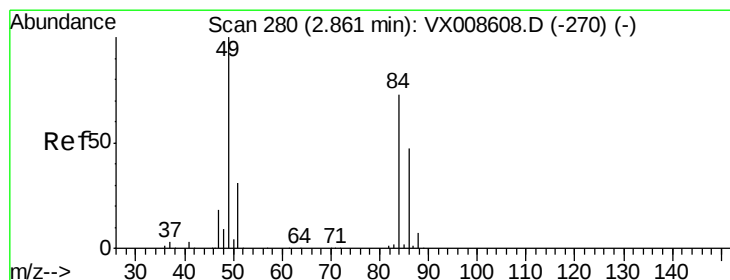
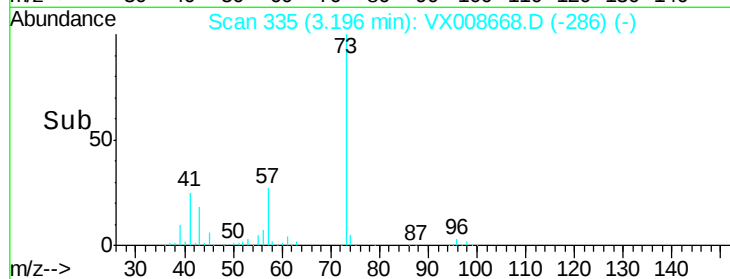
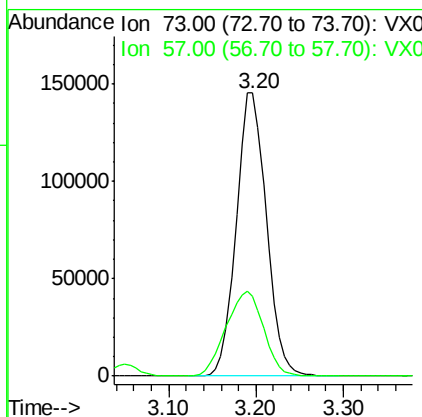
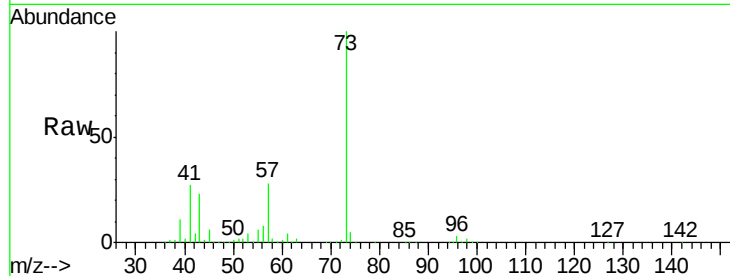
#19
Methvl tert-butvl Ether
Concen: 47.632 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	28.0	19.5	29.3

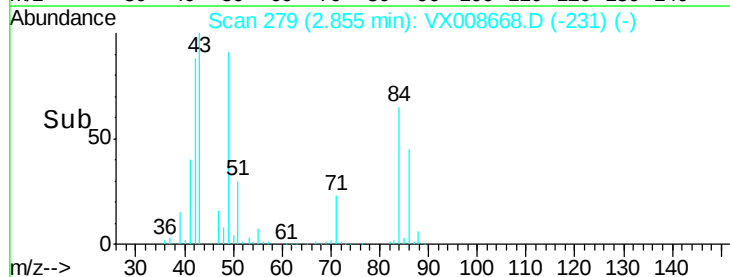
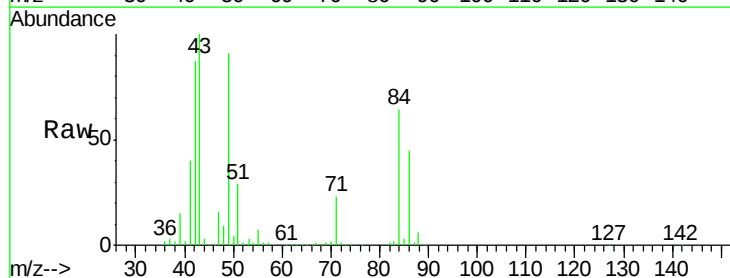
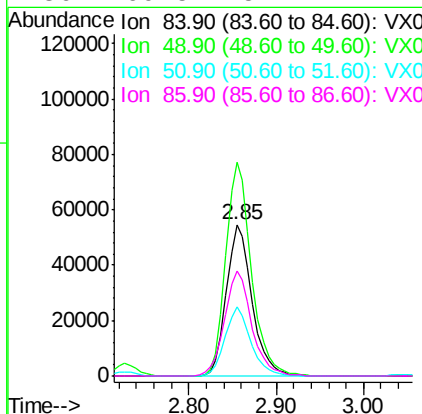
Manual Integrations
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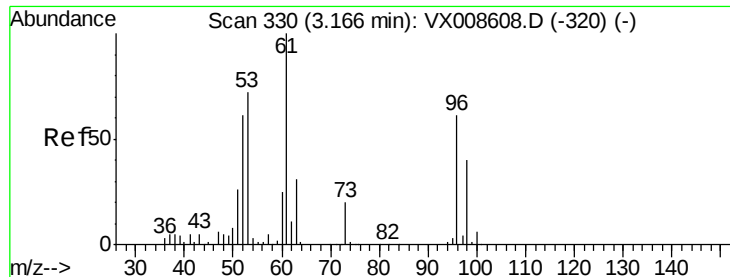
MMDadoda
4/5/2019 10:53:26 AM



#20
Methylene Chloride
Concen: 44.604 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.0	109.7	164.5
51	45.8	33.6	50.4
86	69.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 49.753 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 96 Resp: 110477

Ion Ratio Lower Upper

96 100

61 156.7 132.1 198.1

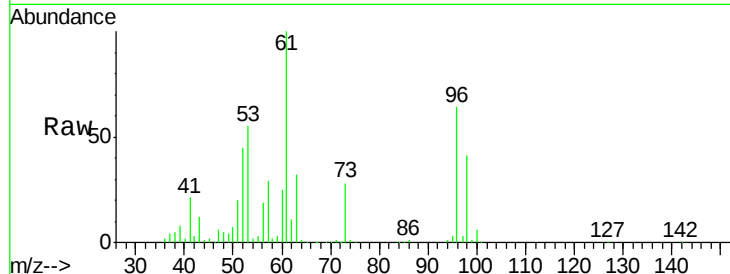
98 64.0 52.2 78.2

Manual Integrations

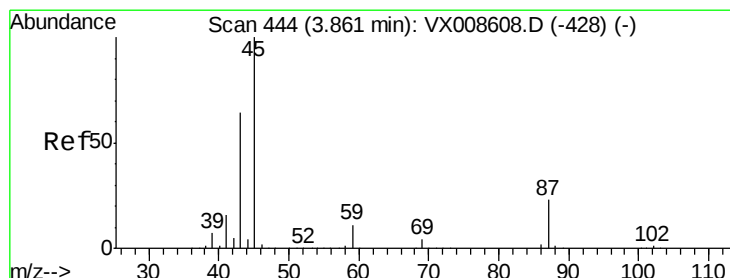
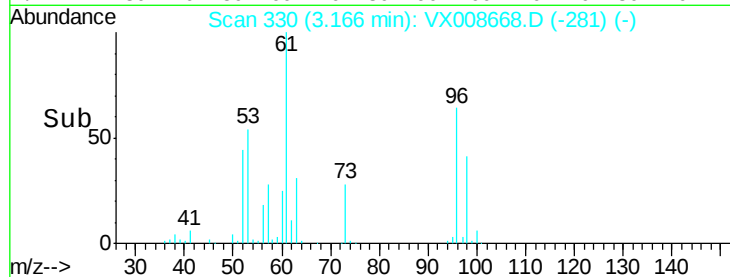
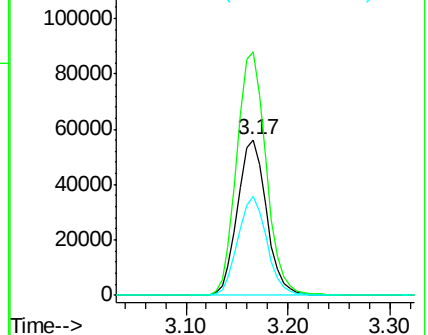
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.388 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion: 45 Resp: 420173

Ion Ratio Lower Upper

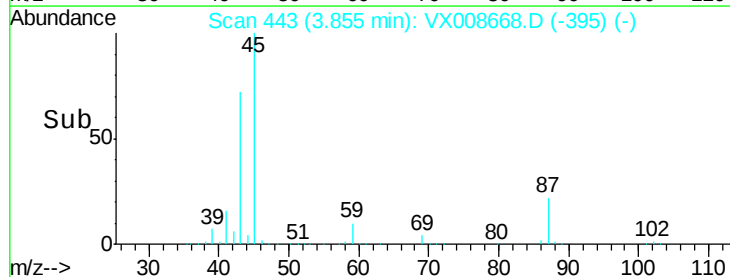
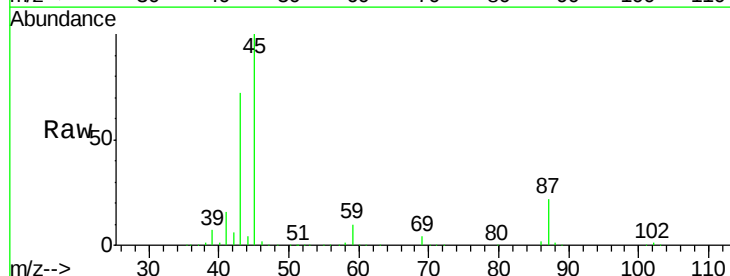
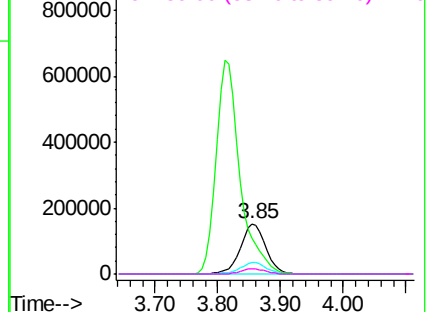
45 100

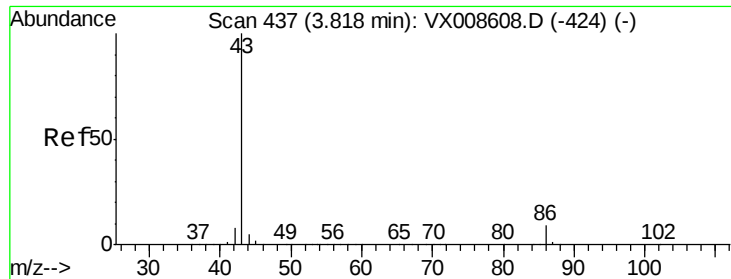
43 71.8 51.3 76.9

87 22.0 18.1 27.1

59 10.3 8.6 13.0

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 216.727 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 43 Resp: 1707761

Ion Ratio Lower Upper

43 100

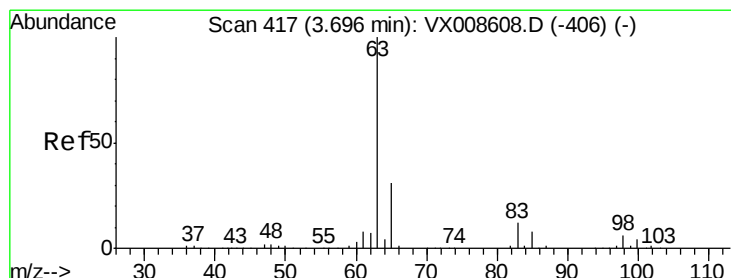
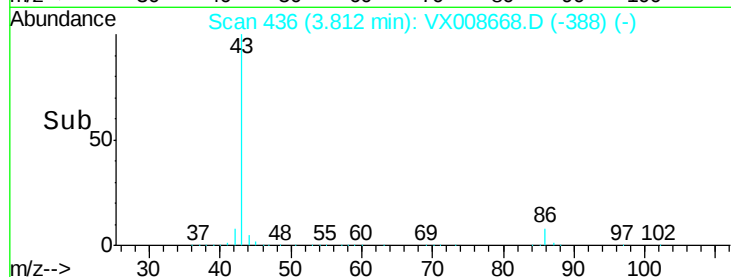
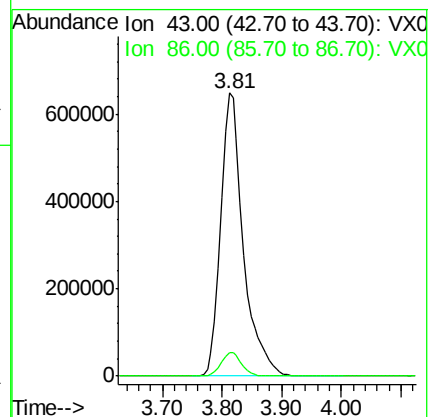
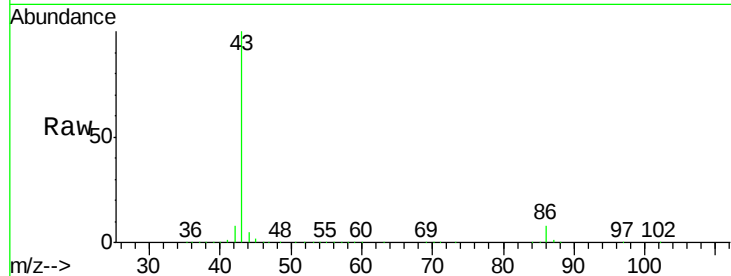
86 8.5 7.0 10.6

Manual Integrations

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MMDadoda

4/5/2019 10:53:26 AM



#24

1,1-Dichloroethane

Concen: 48.223 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

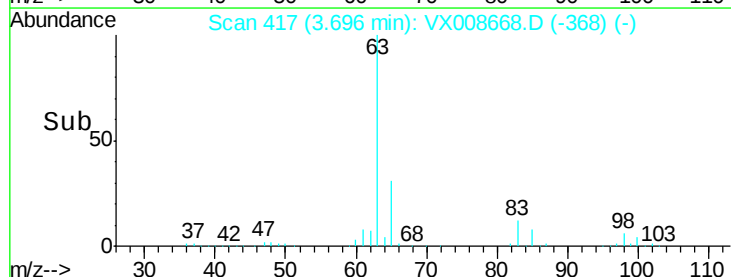
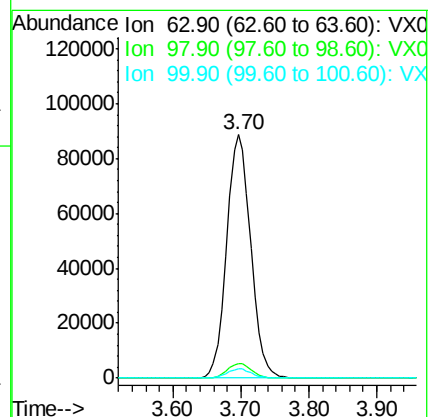
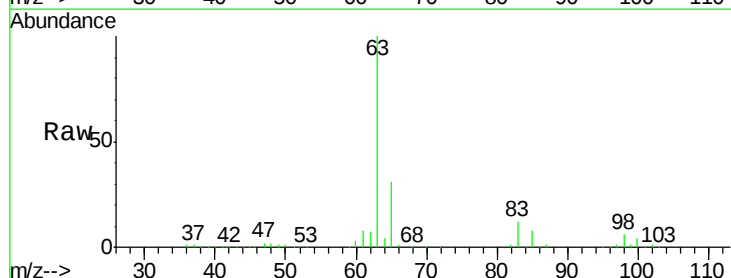
Tgt Ion: 63 Resp: 216265

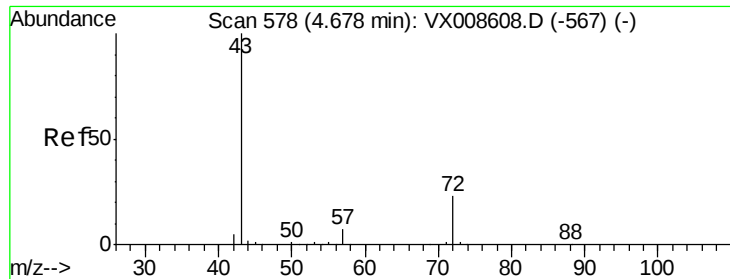
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 220.443 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 43 Resp: 519748

Ion Ratio Lower Upper

43 100

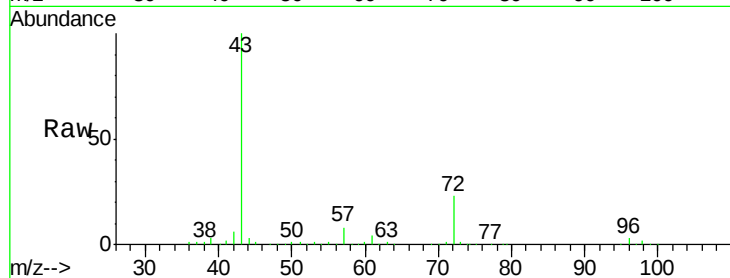
72 23.0 18.2 27.4

Manual Integrations

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4/5/2019 10:53:26 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

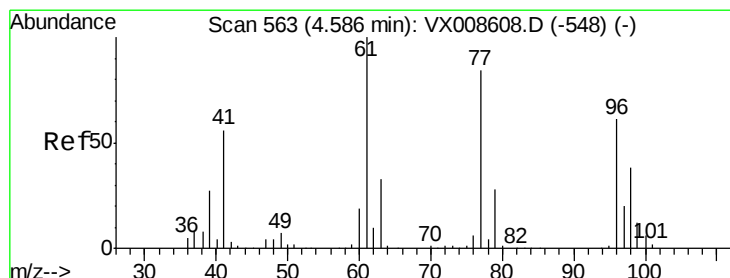
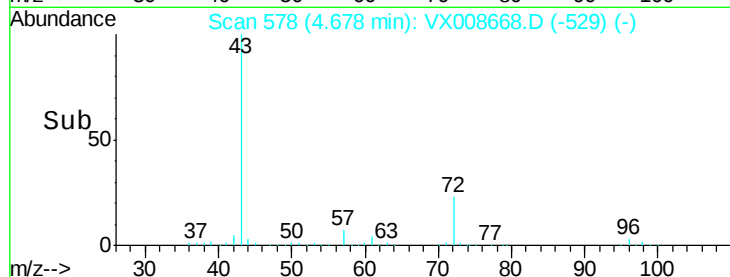
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 33.332 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008668.D

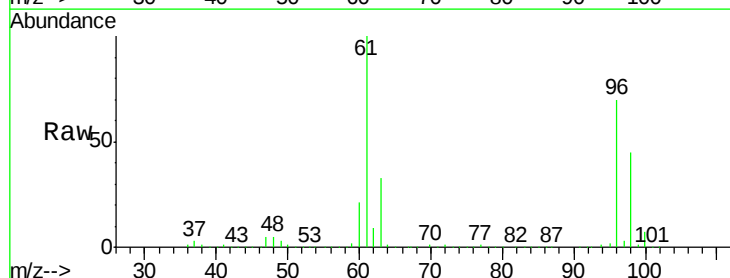
Acq: 05 Apr 2019 04:32

Tgt Ion: 77 Resp: 105283

Ion Ratio Lower Upper

77 100

97 225.2 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

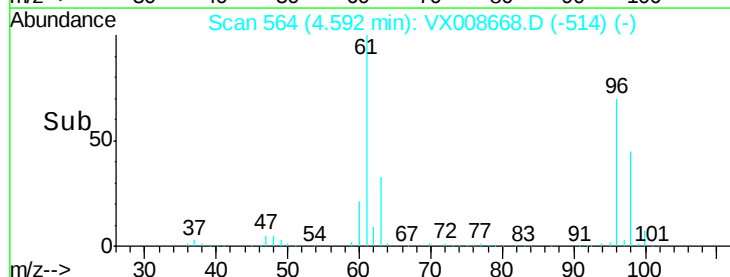
40000

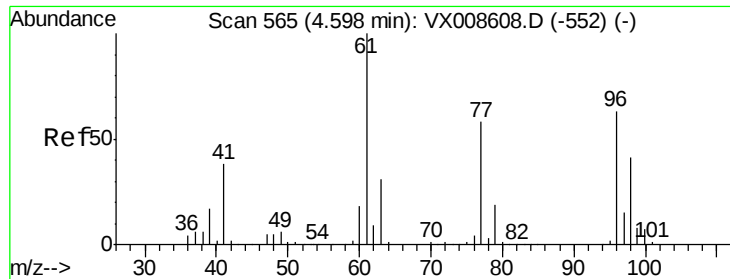
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

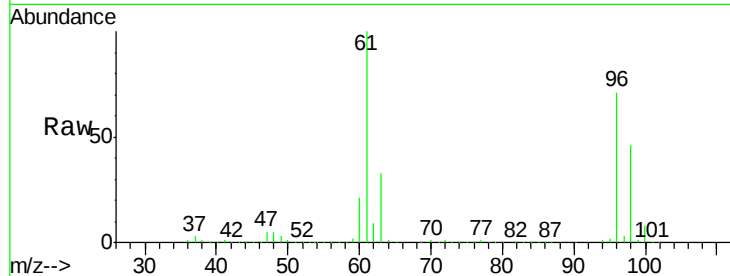
cis-1,2-Dichloroethene
Concen: 2250.792 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

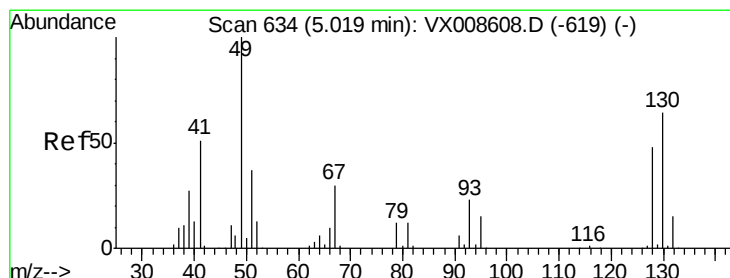
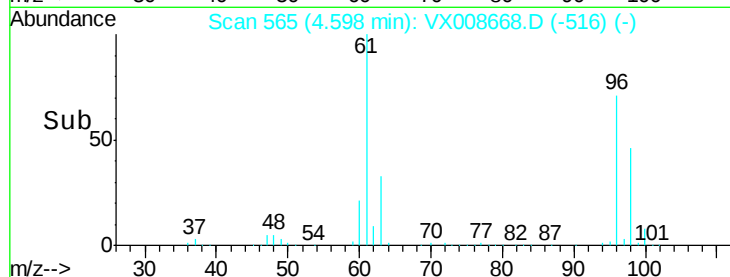
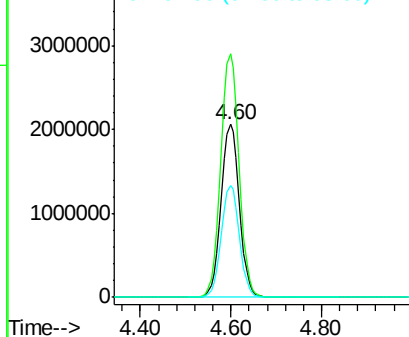
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	327.6
98	64.6	0.0	128.6

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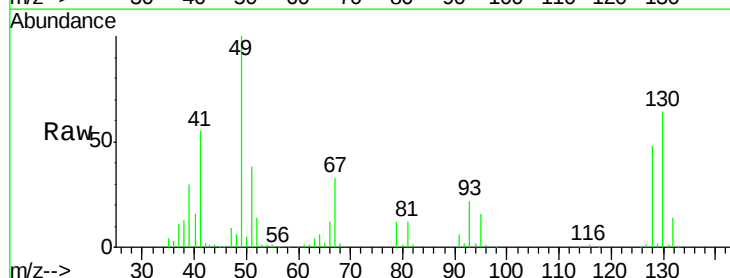
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



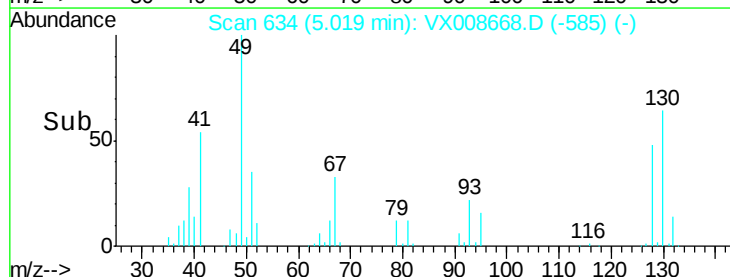
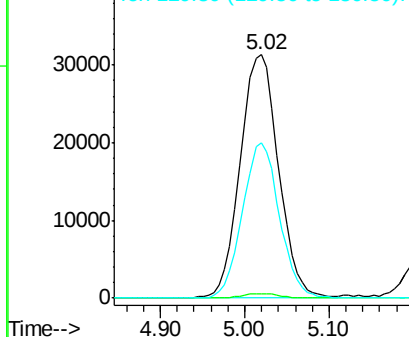
#28

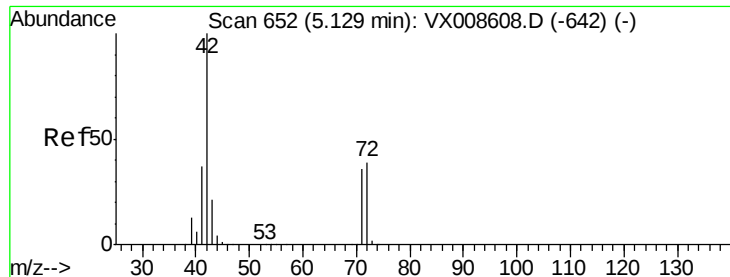
Bromochloromethane
Concen: 51.815 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	61.5	49.3	73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





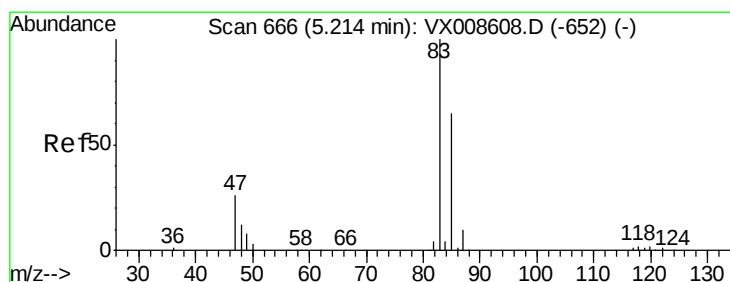
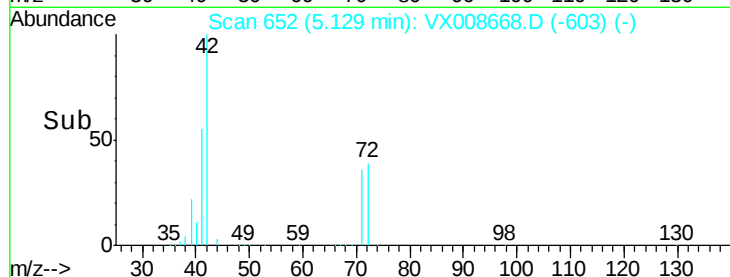
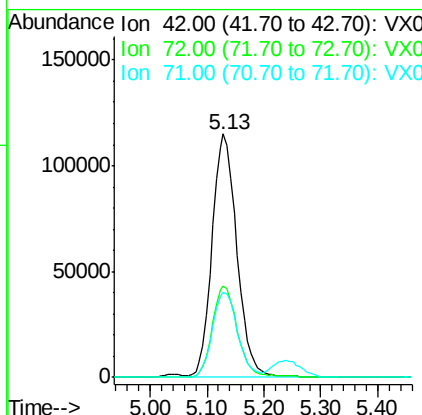
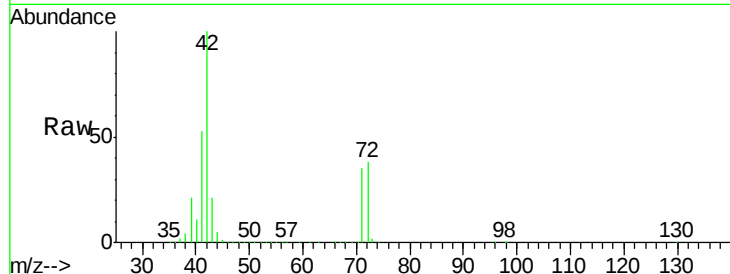
#29
Tetrahydrofuran
Concen: 221.796 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.5	45.7
71	35.8	28.6	43.0

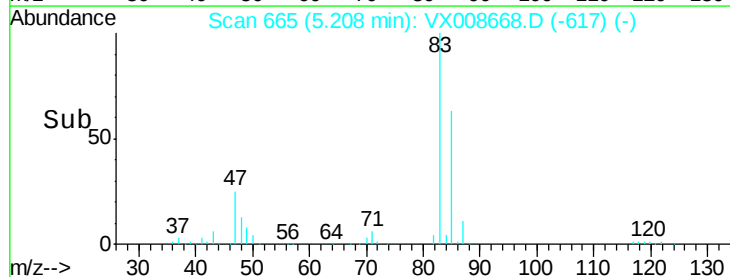
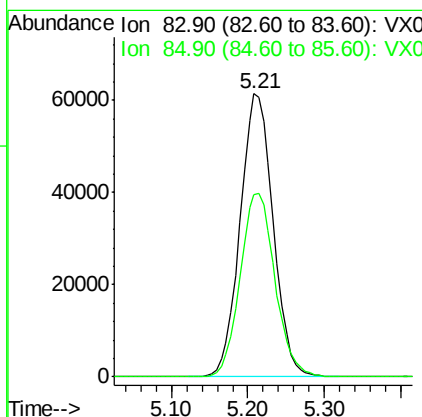
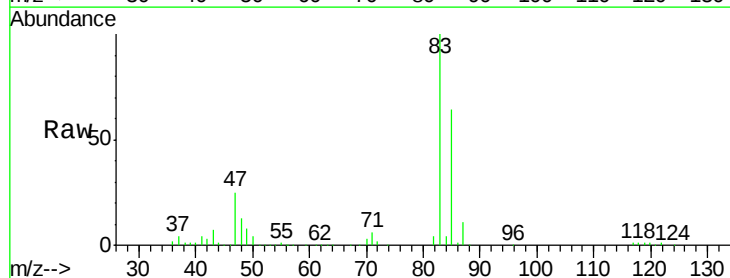
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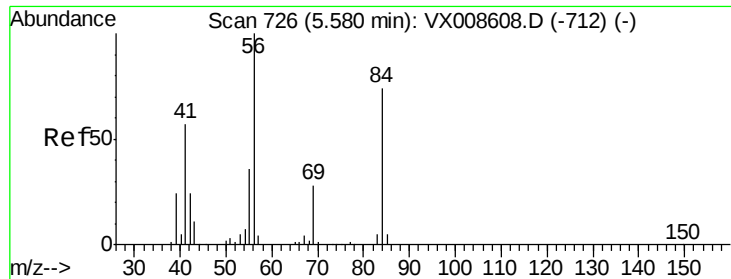
MMDadoda
4/5/2019 10:53:26 AM



#30
Chloroform
Concen: 45.956 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.1	78.1





#31

Cyclohexane

Concen: 48.156 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

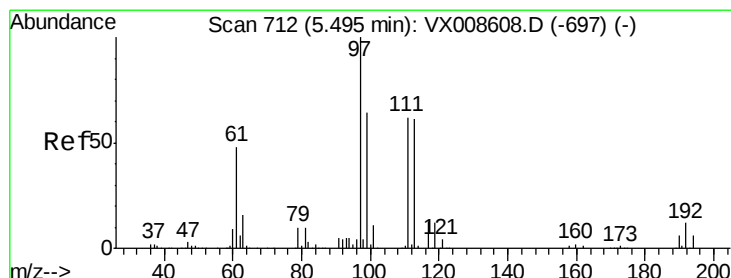
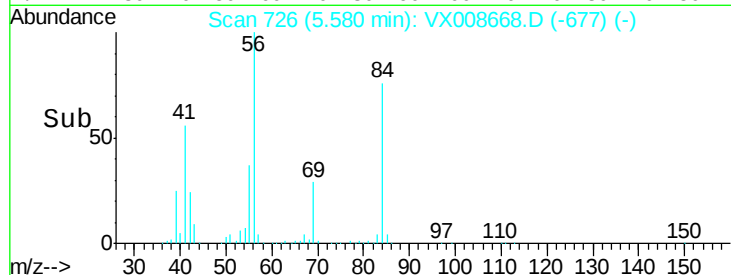
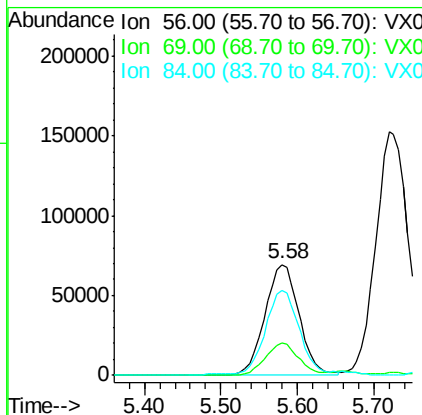
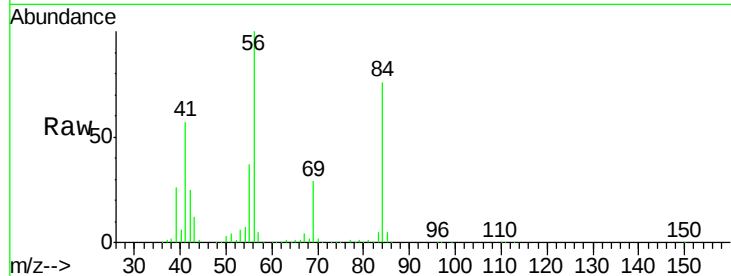
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	56	Resp:	215494
Ion	Ratio	Lower	Upper
56	100		
69	28.7	22.6	33.8
84	75.8	59.3	88.9

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#32

1,1,1-Trichloroethane

Concen: 60.653 ug/l

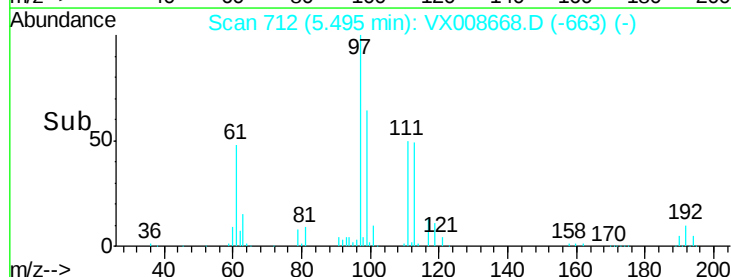
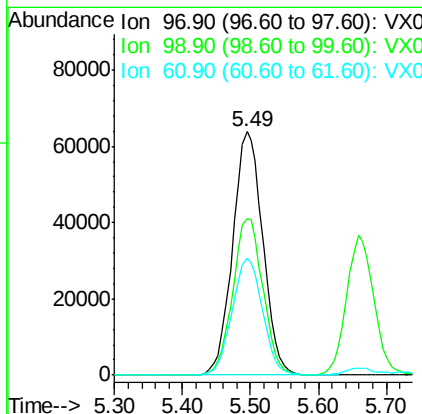
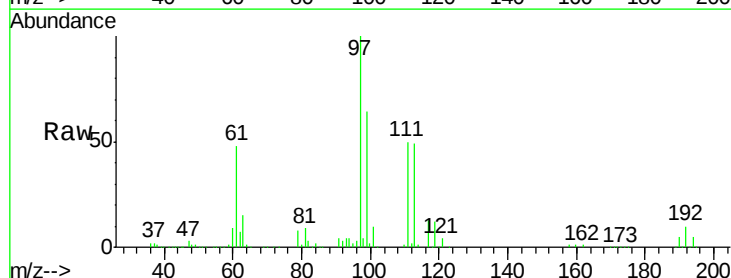
RT: 5.49 min Scan# 712

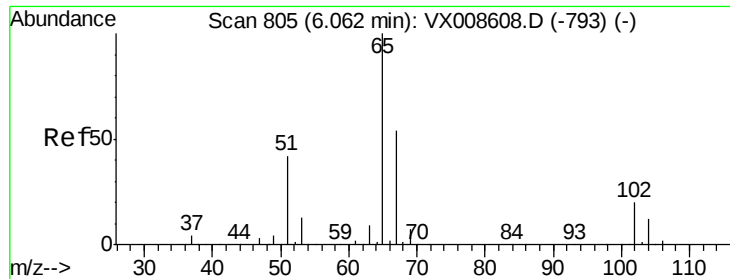
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	97	Resp:	196325
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	48.2	38.9	58.3





#33

1,2-Dichloroethane-d4

Concen: 47.888 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 65 Resp: 124029

Ion Ratio Lower Upper

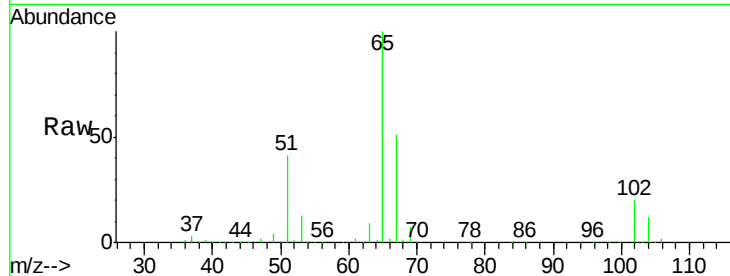
65 100

67 53.5 0.0 107.2

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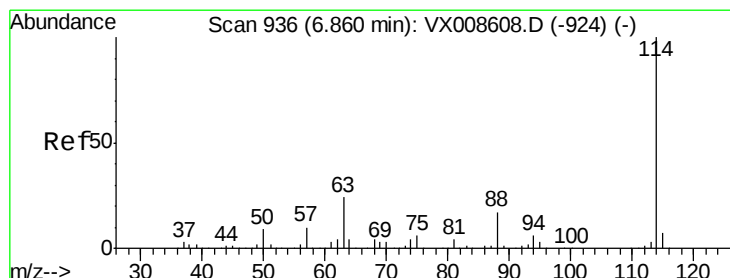
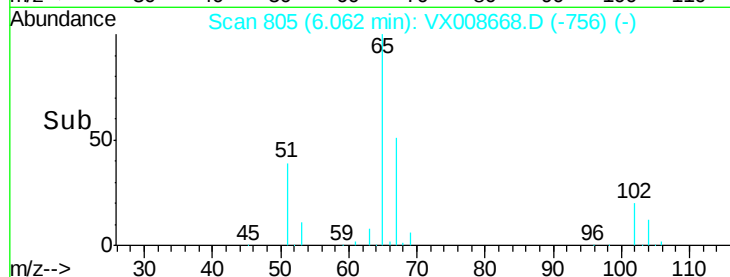
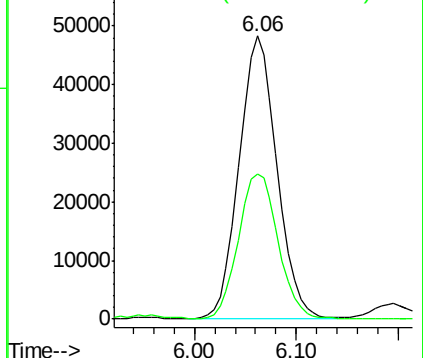
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

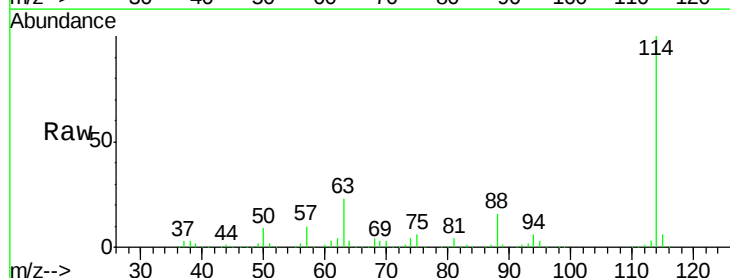
Tgt Ion: 114 Resp: 303472

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.2

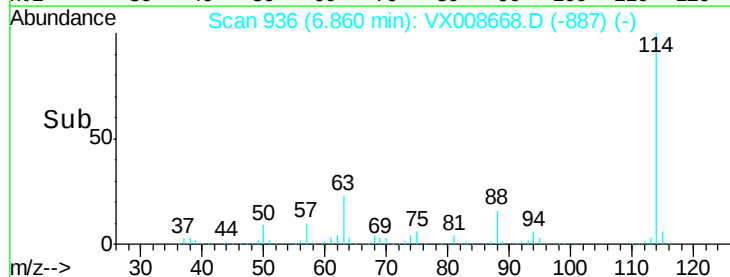
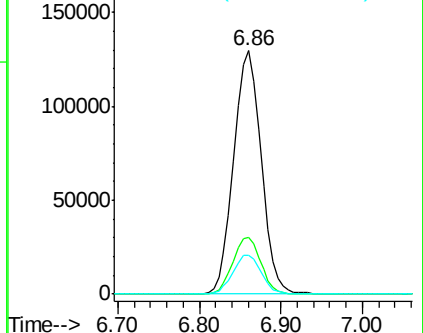
88 16.2 0.0 34.0

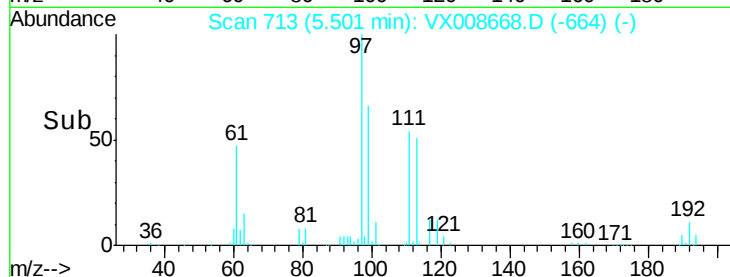
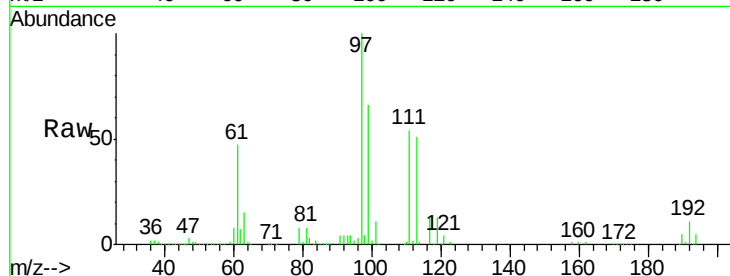
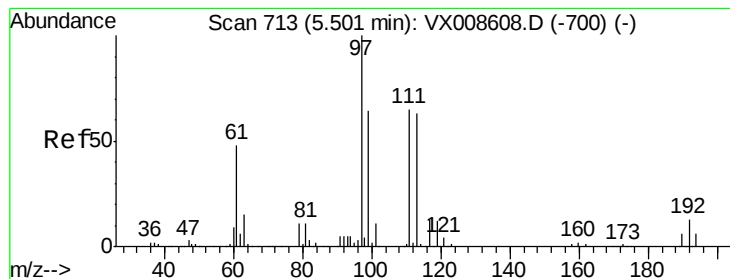


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.596 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tot Ion:	113	Resp:	92350
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	20.6	16.1	24.1

Instrument :

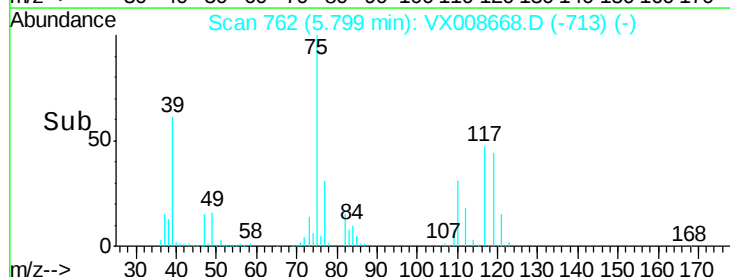
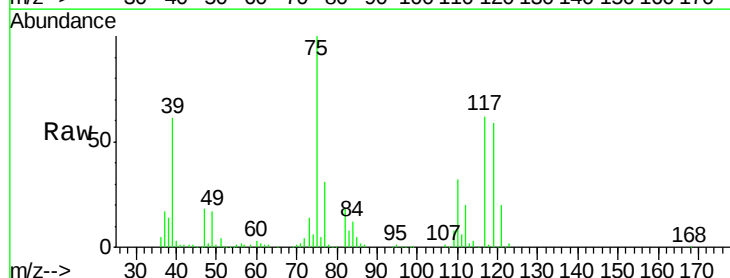
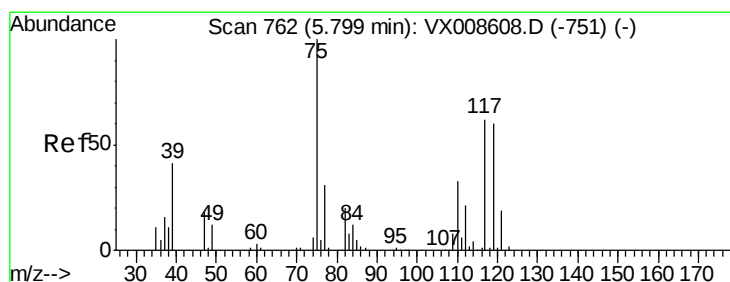
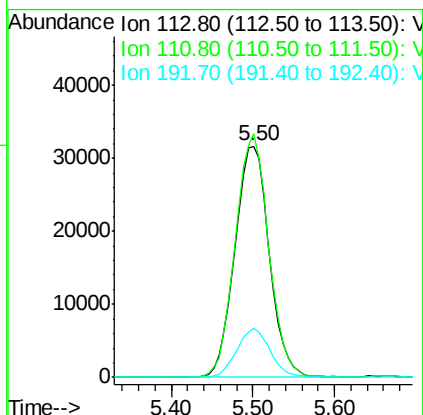
MSVOA_X

ClientSampleId :

ST006RW149-190402MS

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#36

1,1-Dichloropropene

Concen: 43.513 ug/l

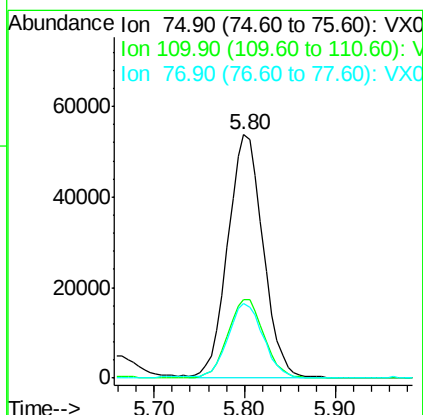
RT: 5.80 min Scan# 762

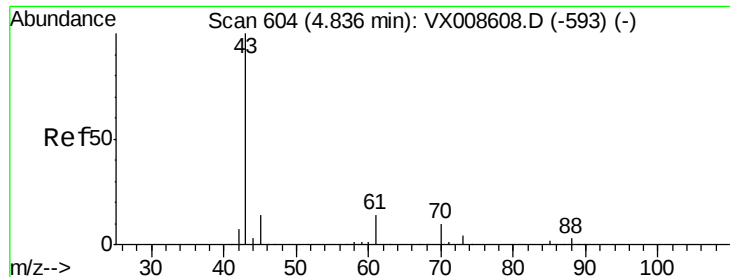
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	75	Resp:	144345
Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.4	49.2
77	31.1	24.7	37.1





#37

Ethyl Acetate

Concen: 41.469 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

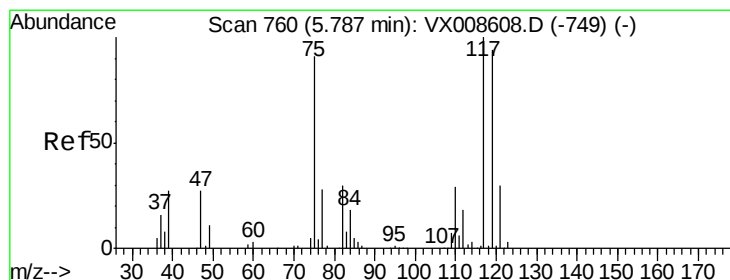
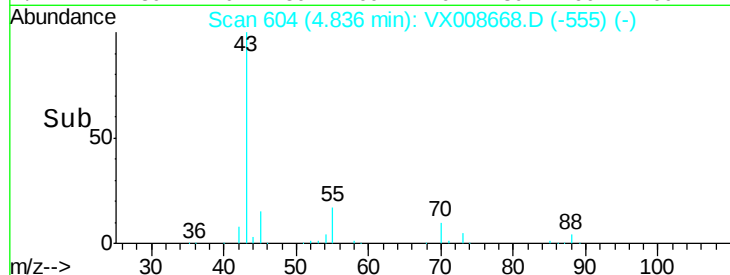
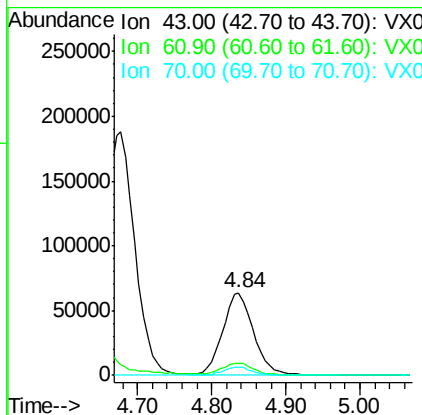
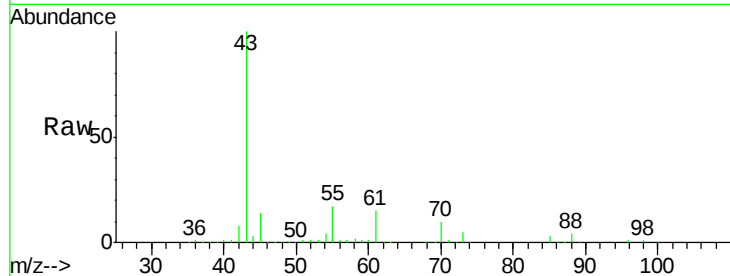
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	43	Resp:	183617
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.3	15.5#
70	9.8	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 45.331 ug/l

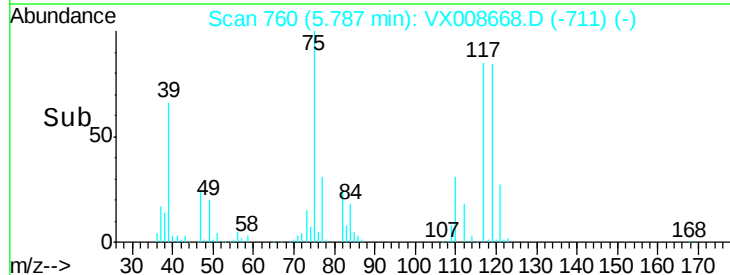
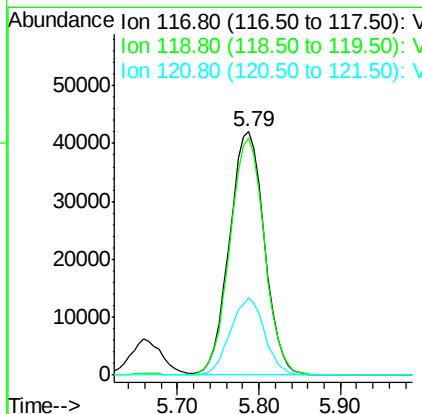
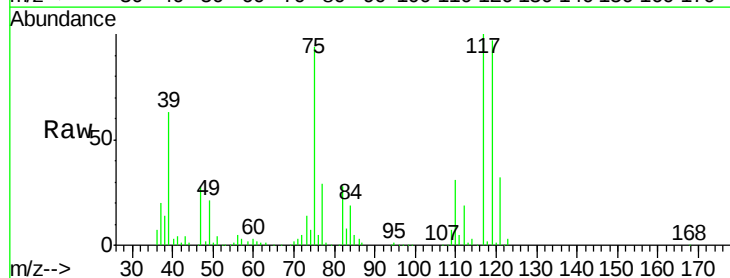
RT: 5.79 min Scan# 760

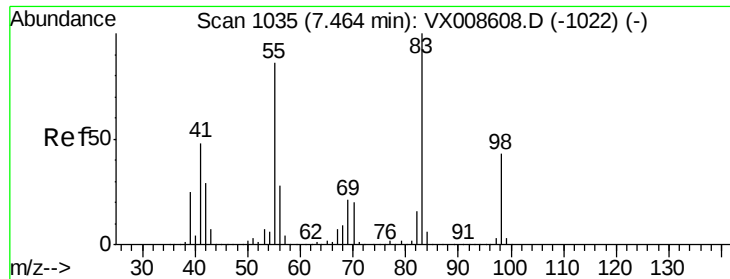
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	117	Resp:	124458
Ion Ratio	Lower	Upper	
117	100		
119	97.3	75.0	112.6
121	31.9	24.3	36.5





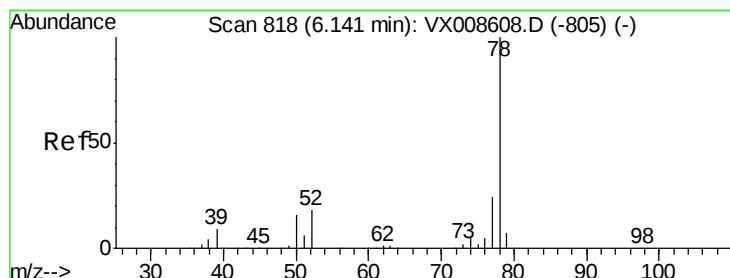
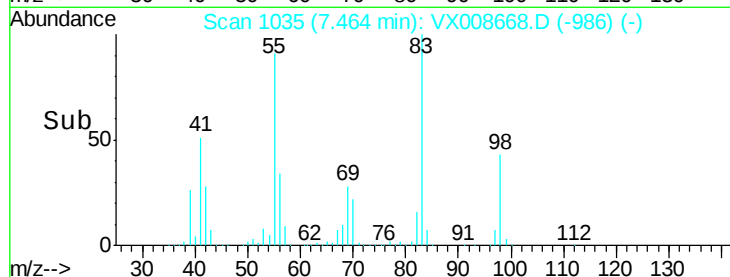
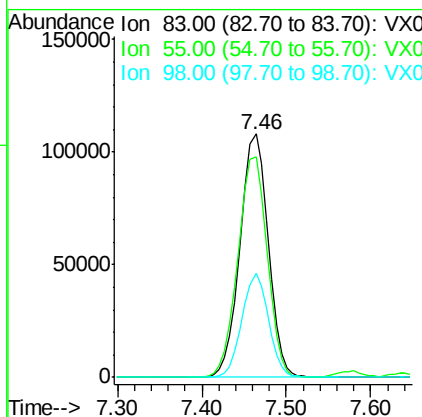
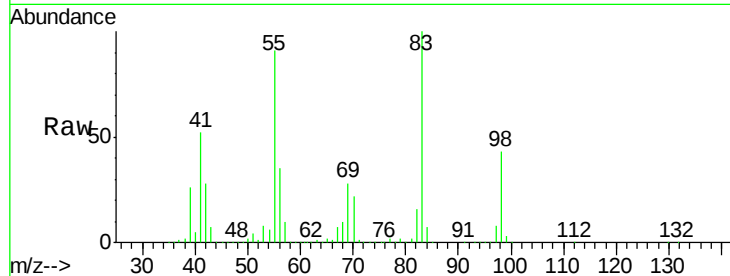
#39
Methvlcvclohexane
Concen: 59.501 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.6	69.0	103.6
98	42.5	34.4	51.6

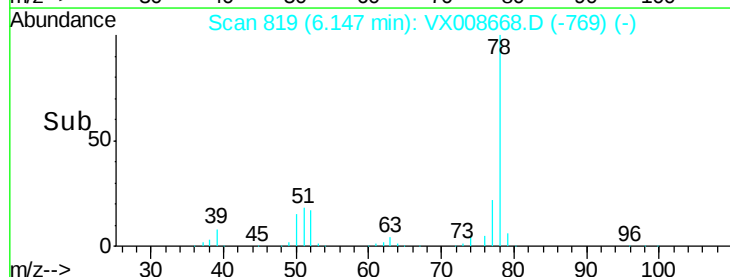
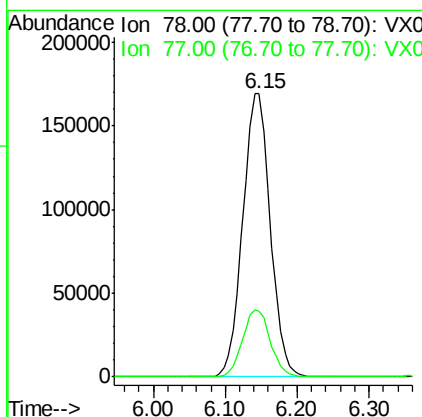
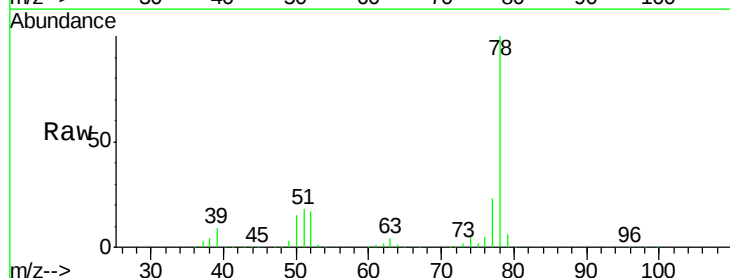
Manual Integrations
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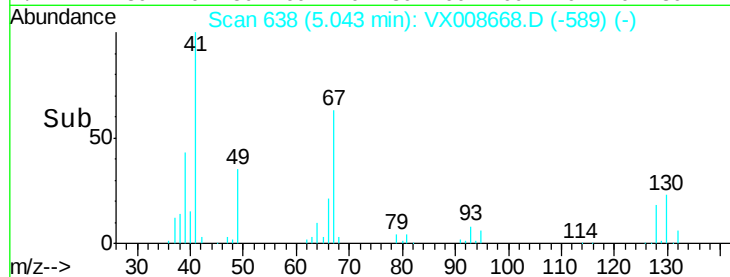
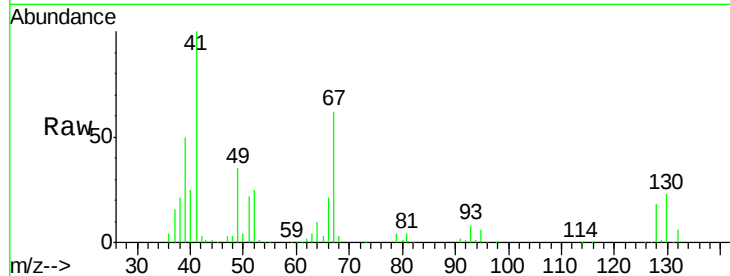
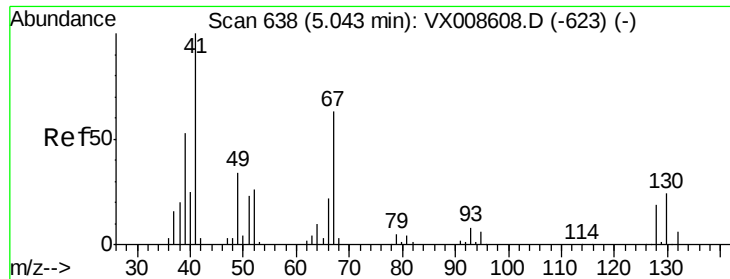
MMDadoda
4/5/2019 10:53:26 AM



#40
Benzene
Concen: 45.433 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





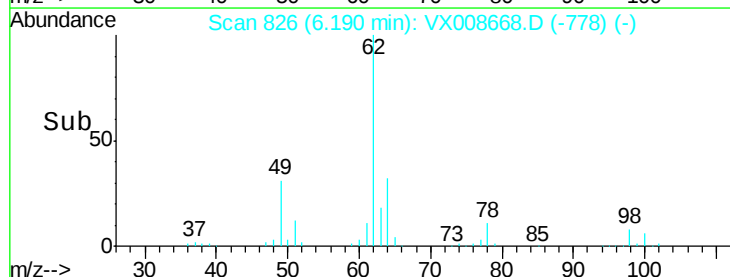
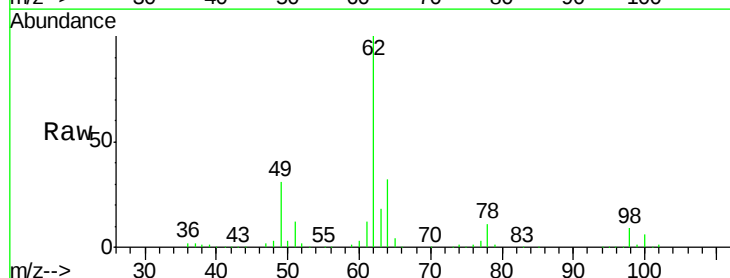
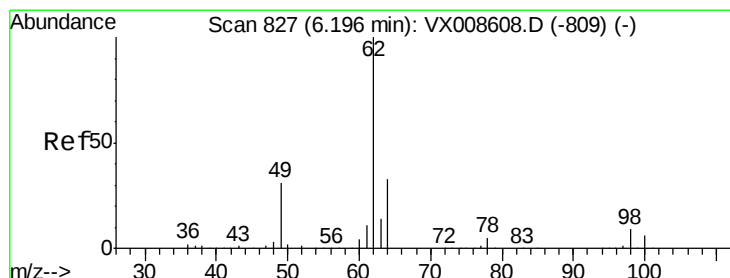
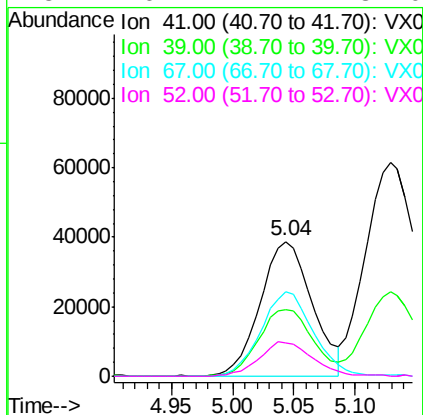
#41
Methacrylonitrile
Concen: 44.938 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		114374		
39	51.6	42.1	63.1		
67	63.4	51.0	76.6		
52	26.4	21.4	32.0		

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

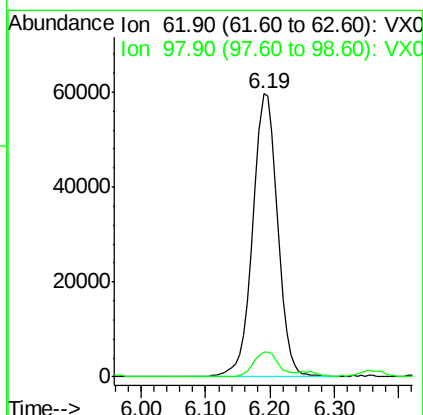
Manual Integrations
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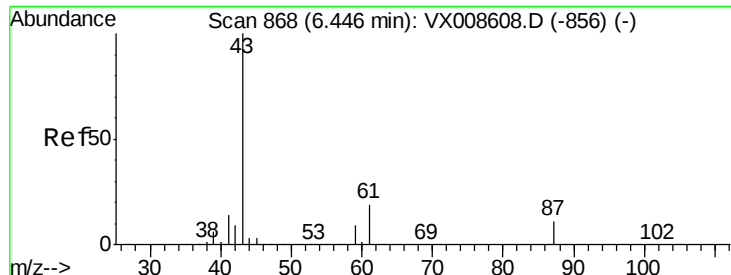
MMDadoda
4/5/2019 10:53:26 AM



#42
1,2-Dichloroethane
Concen: 44.326 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		157042		
98	9.0	0.0	18.0		





#43

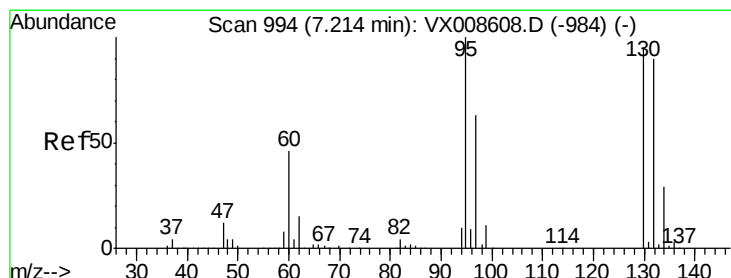
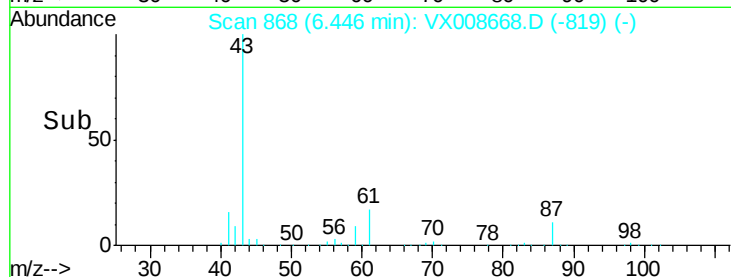
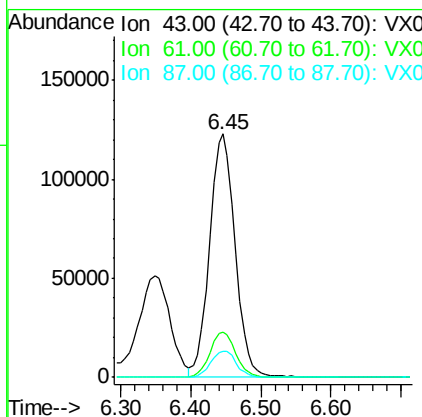
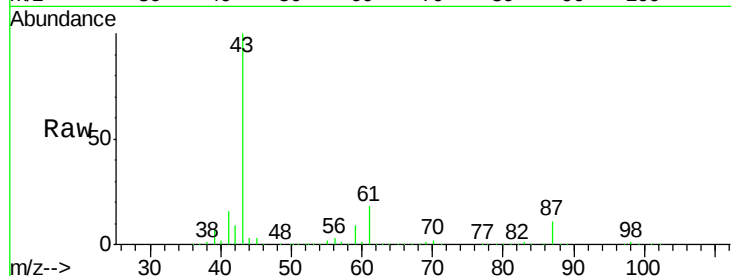
Isopropyl Acetate
 Concen: 44.505 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.3	22.9
87	11.1	9.0	13.6

Manual Integrations
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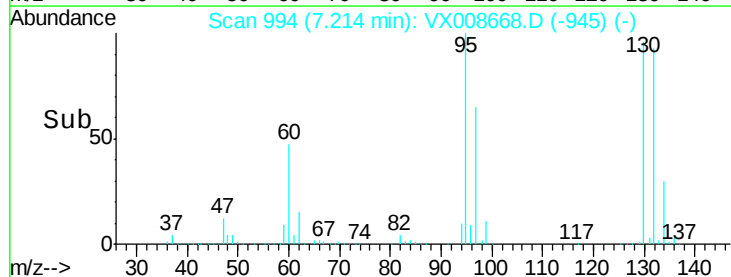
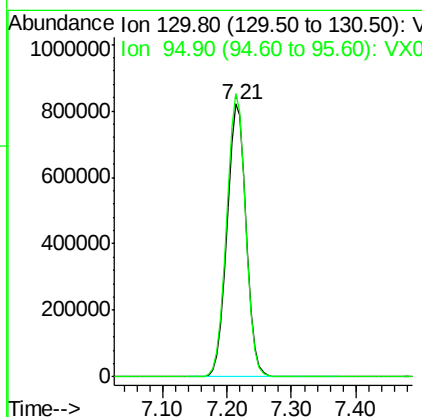
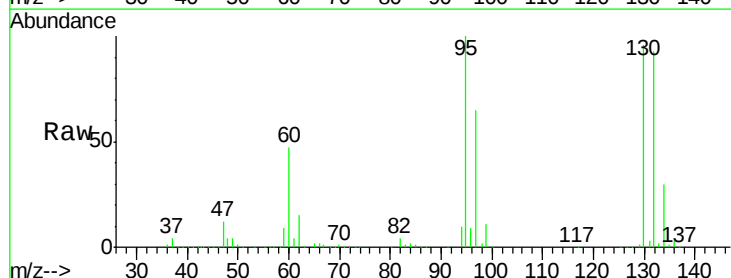
MMDadoda
 4/5/2019 10:53:26 AM

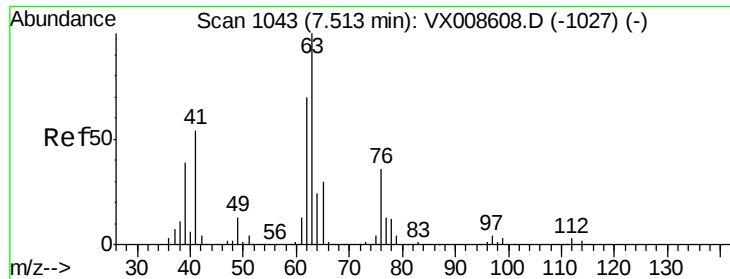


#44

Trichloroethene
 Concen: 748.603 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	209.8





#45

1,2-Dichloropropane

Concen: 45.087 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 63 Resp: 127178

Ion Ratio Lower Upper

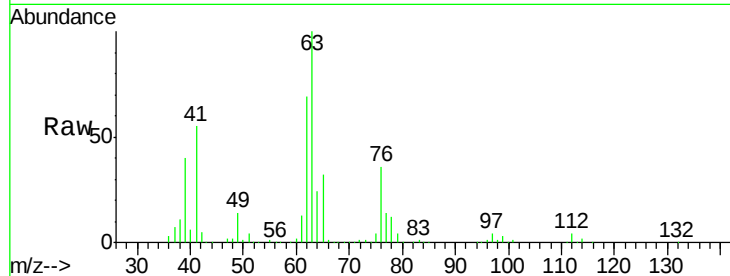
63 100

65 31.6 24.2 36.4

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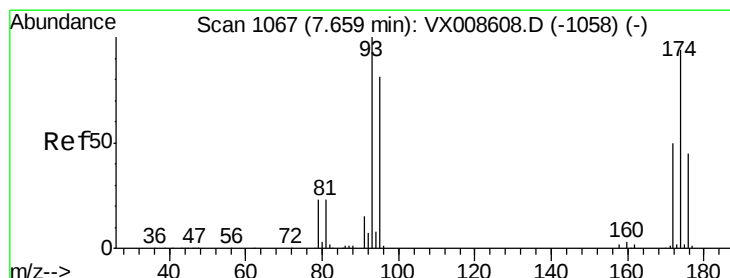
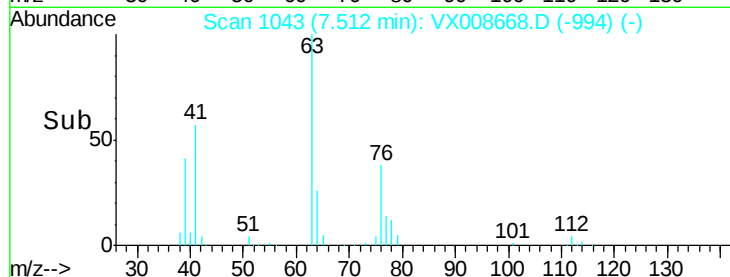
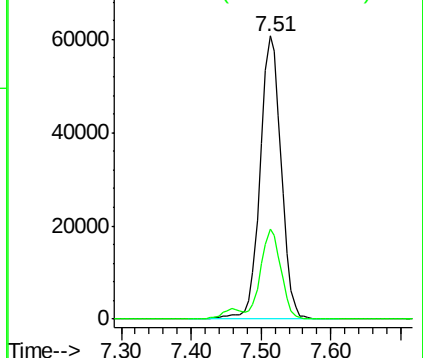
MMDadoda

4/5/2019 10:53:26 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.252 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

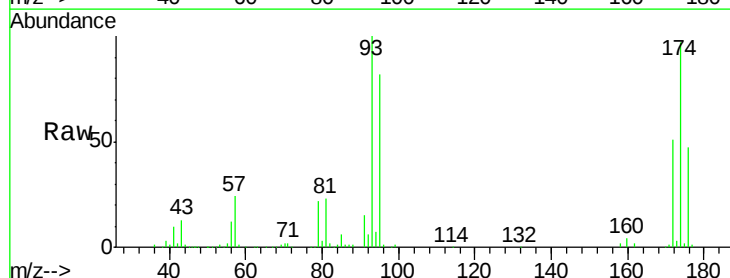
Tgt Ion: 93 Resp: 72394

Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

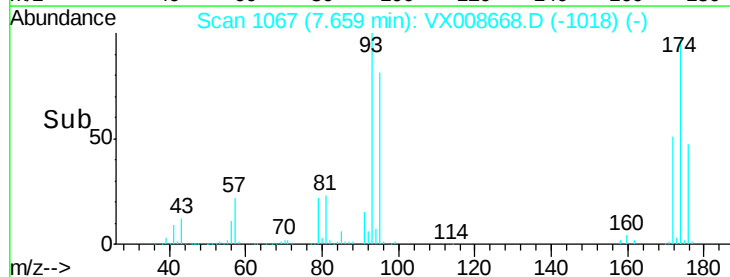
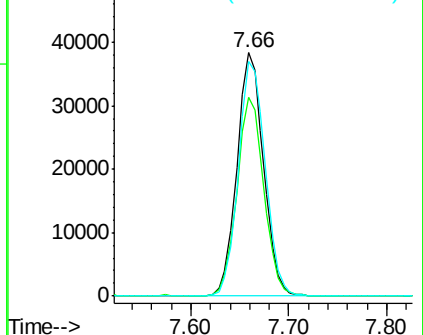
174 97.8 77.7 116.5

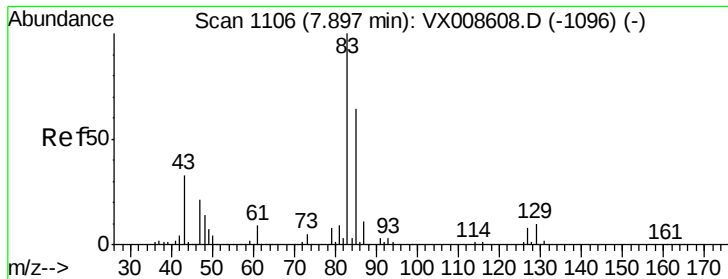


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.776 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

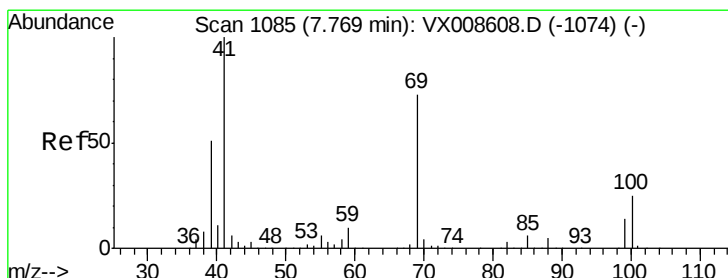
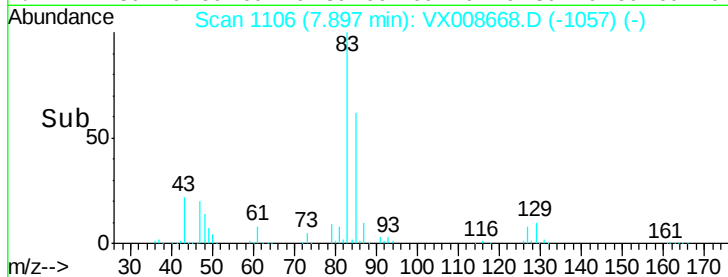
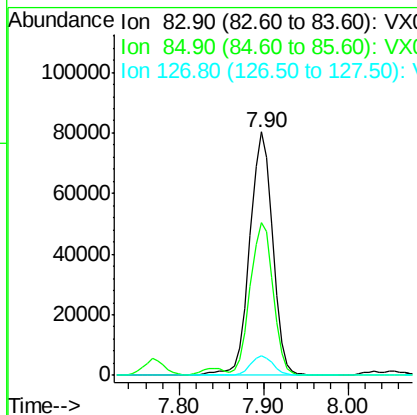
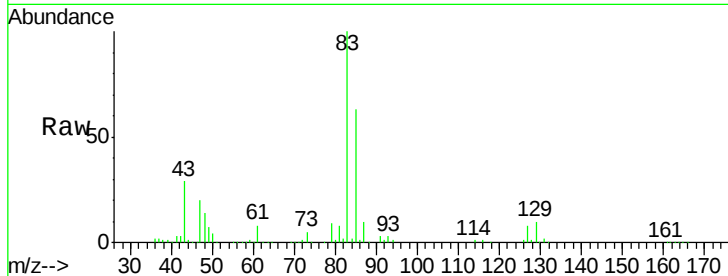
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	83	Resp:	147371
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8
127	7.9	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.494 ug/l

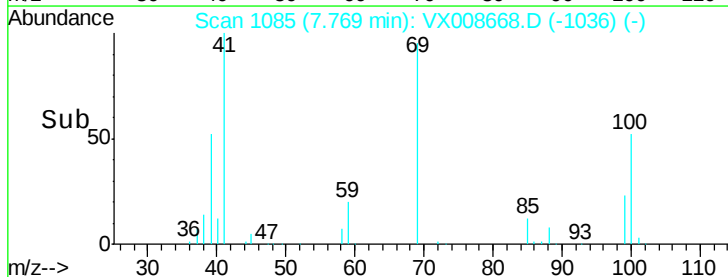
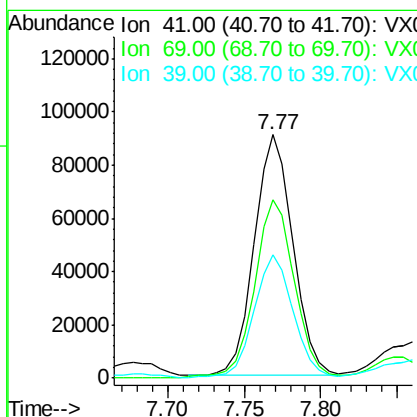
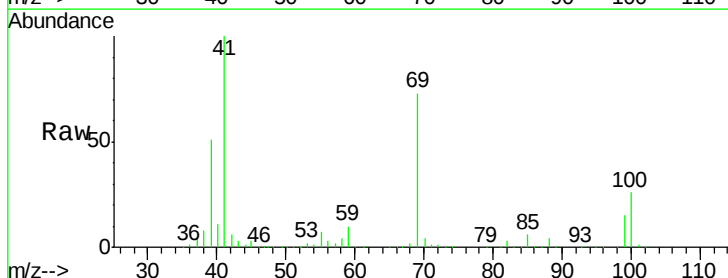
RT: 7.77 min Scan# 1085

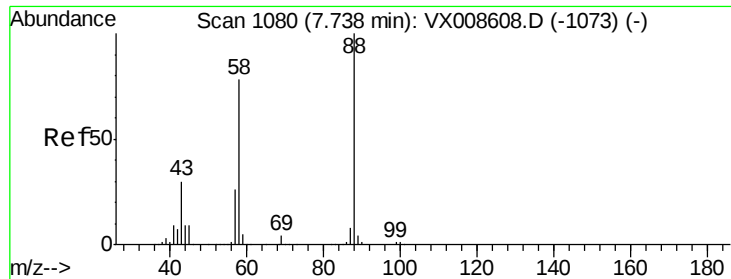
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	41	Resp:	159626
Ion	Ratio	Lower	Upper
41	100		
69	75.9	59.0	88.4
39	50.7	41.0	61.4





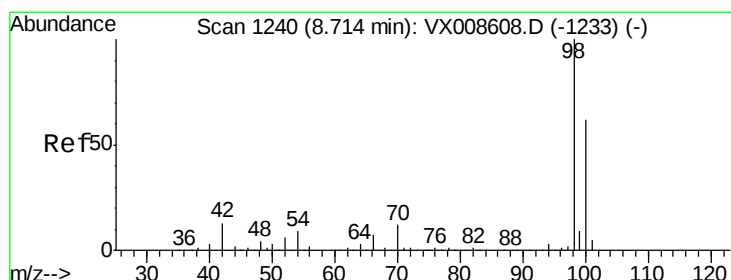
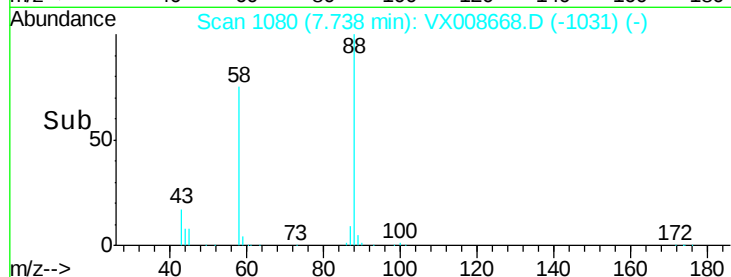
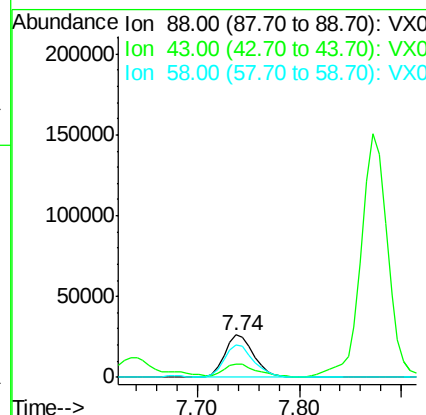
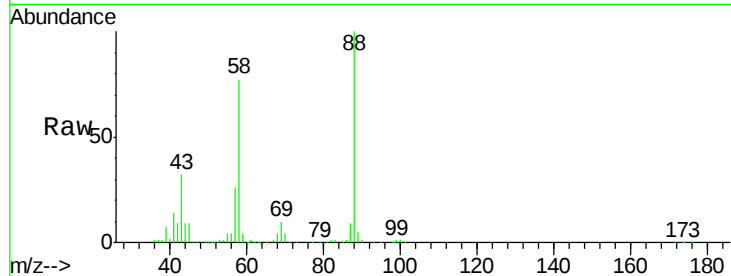
#49
 1,4-Dioxane
 Concen: 786.138 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.6	43.0
58	79.3	62.2	93.2

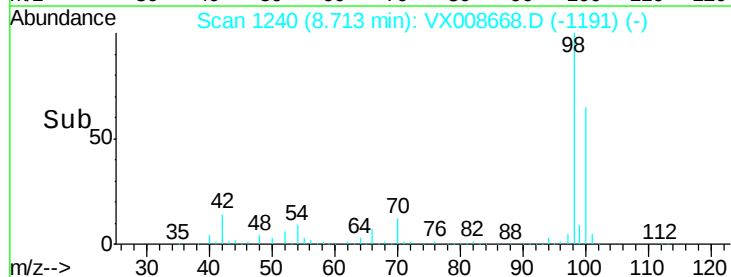
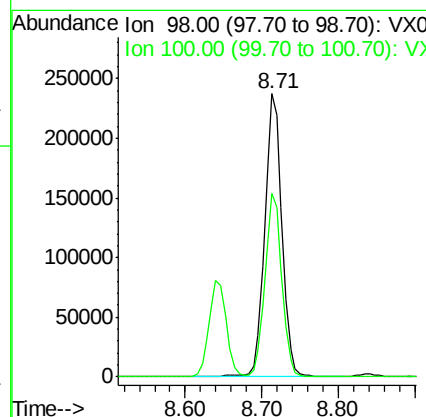
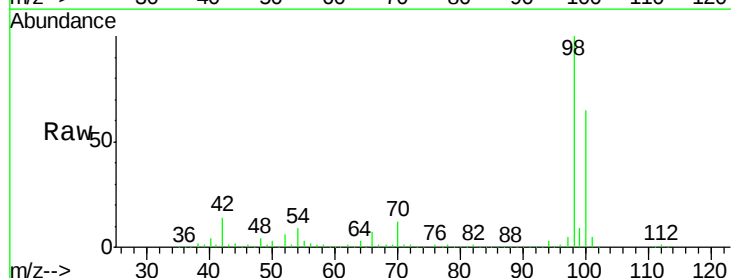
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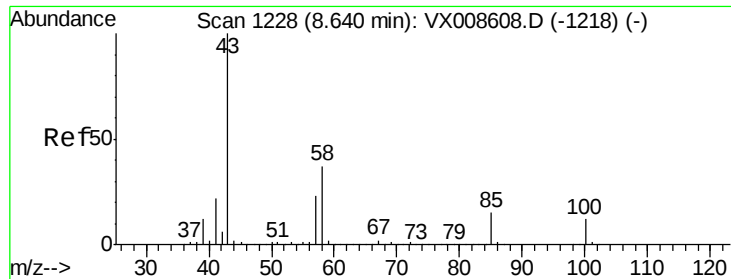
MMDadoda
 4/5/2019 10:53:26 AM



#50
 Toluene-d8
 Concen: 48.693 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





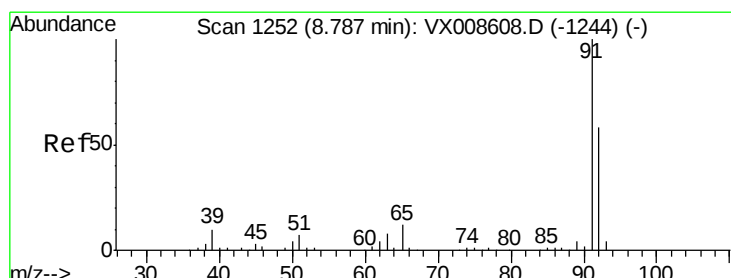
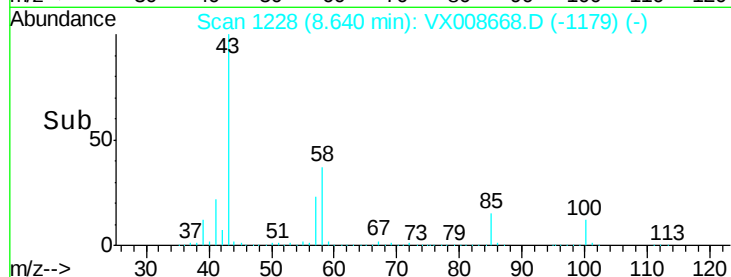
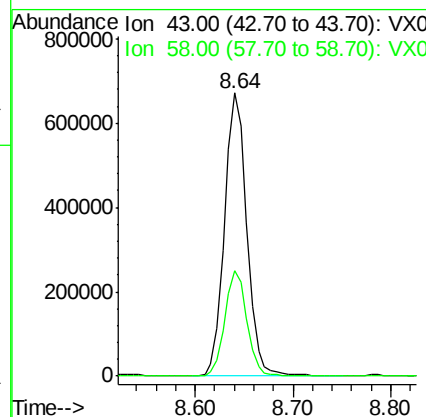
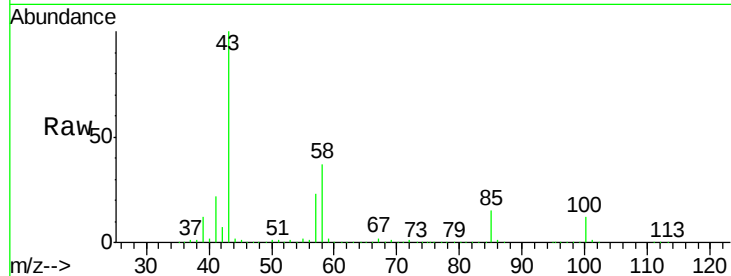
#51
4-Methyl-2-Pentanone
Concen: 238.230 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion: 43 Resp: 1063723
Ion Ratio Lower Upper
43 100
58 36.8 29.5 44.3

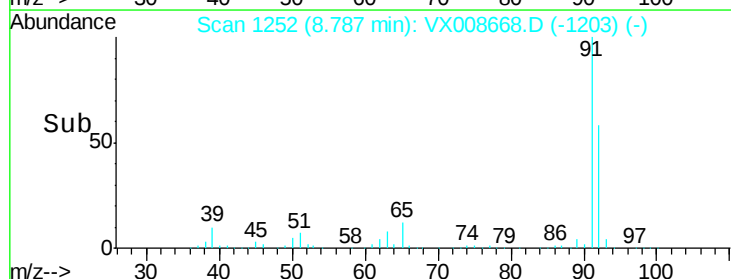
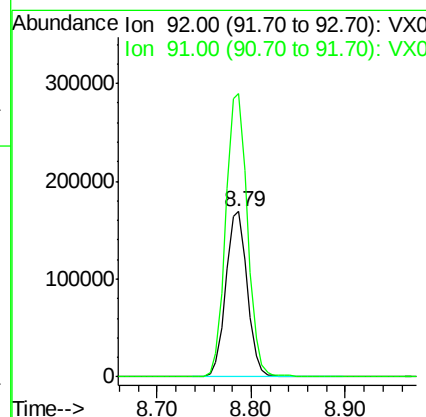
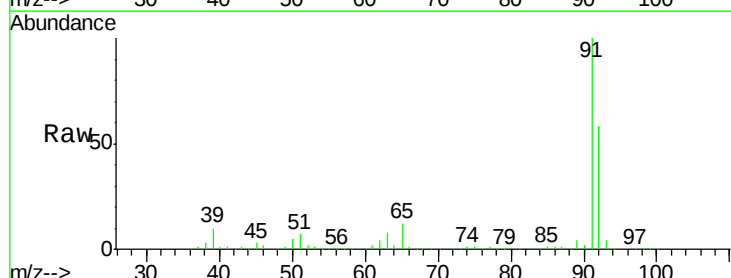
Manual Integrations
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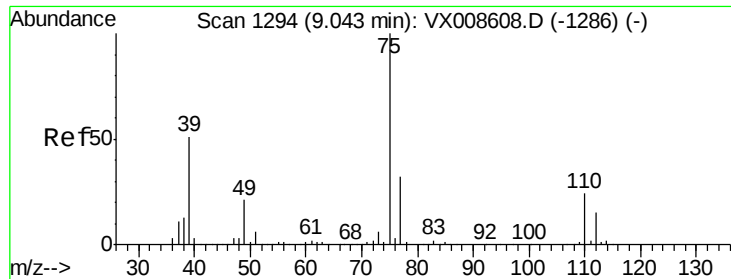
MMDadoda
4/5/2019 10:53:26 AM



#52
Toluene
Concen: 45.707 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 92 Resp: 266299
Ion Ratio Lower Upper
92 100
91 173.6 138.5 207.7





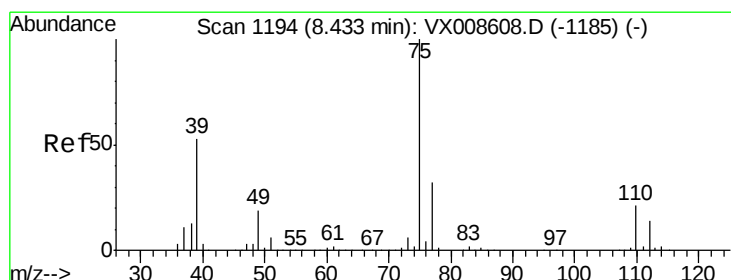
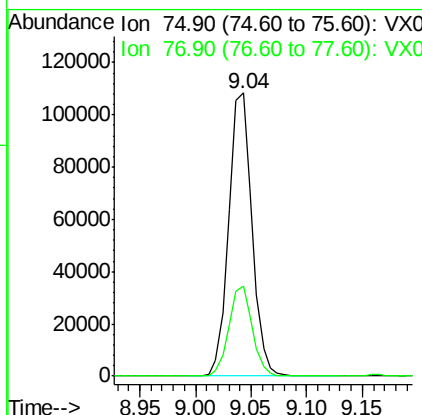
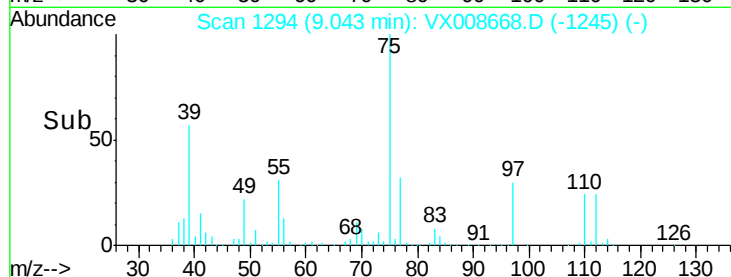
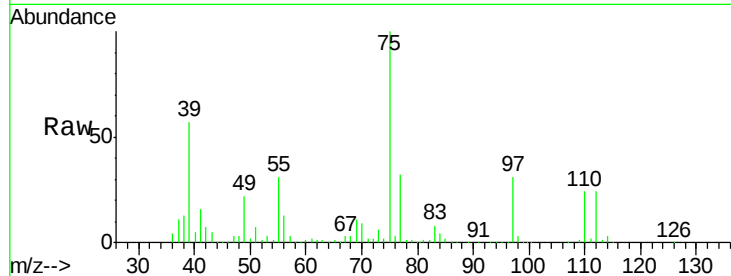
#53
t-1,3-Dichloropropene
Concen: 45.404 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion: 75 Resp: 156884
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

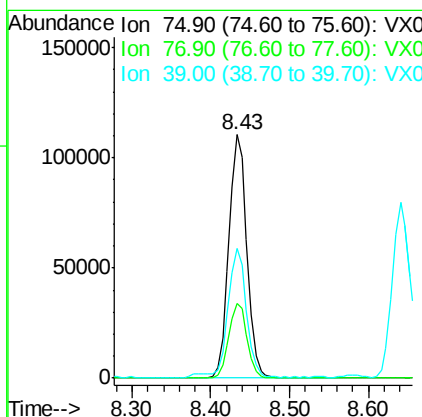
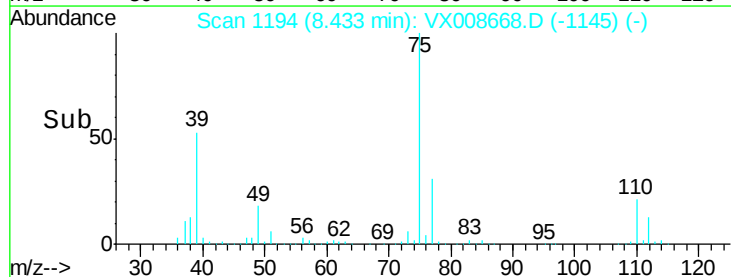
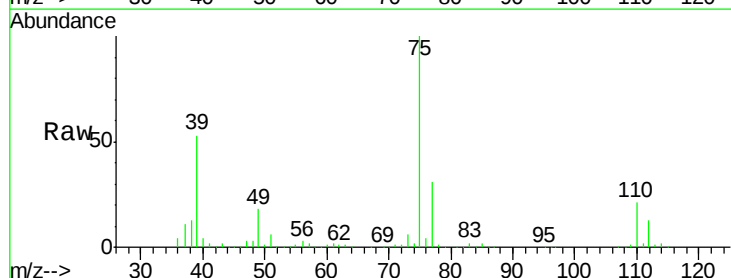
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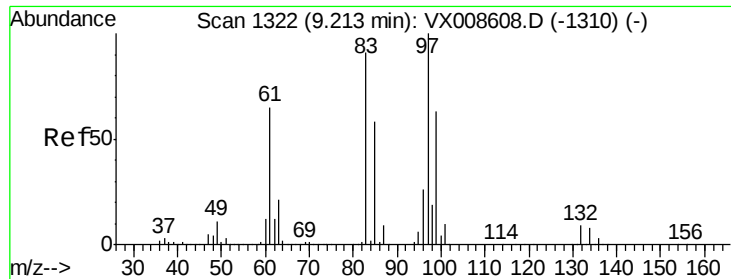
MMDadoda
4/5/2019 10:53:26 AM



#54
cis-1,3-Dichloropropene
Concen: 44.396 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 75 Resp: 175283
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 52.9 42.6 63.8





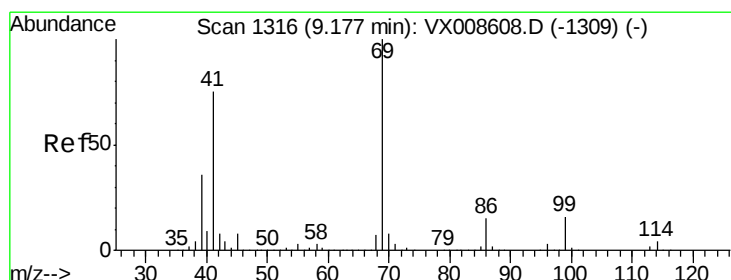
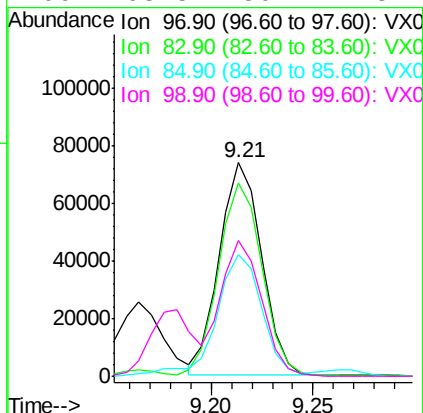
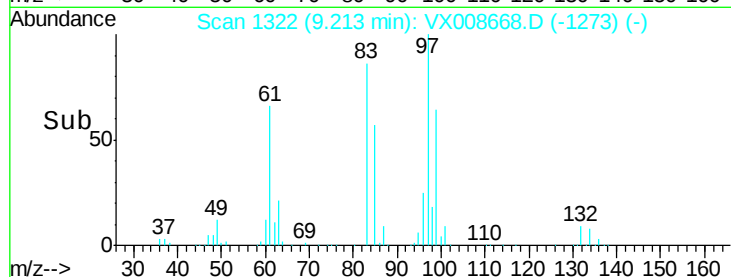
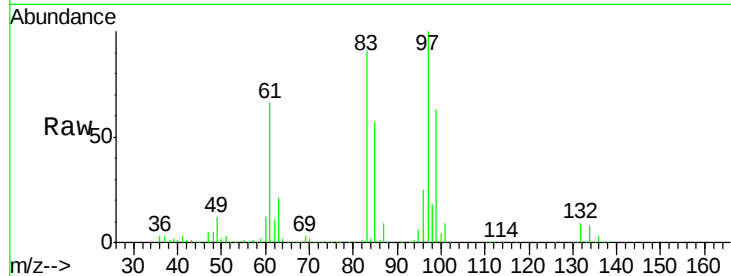
#55
 1,1,2-Trichloroethane
 Concen: 45.287 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion:	97	Resp:	105912
Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.2	109.8
85	54.0	46.6	69.8
99	63.5	50.1	75.1

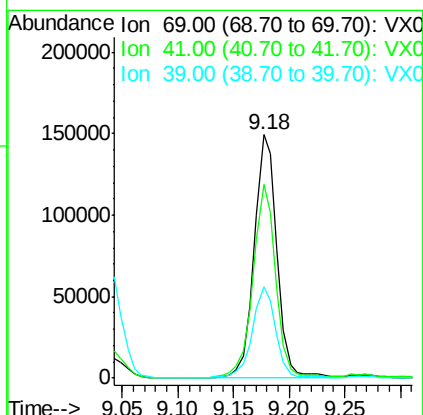
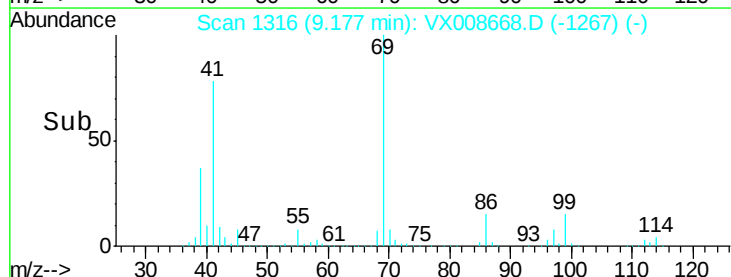
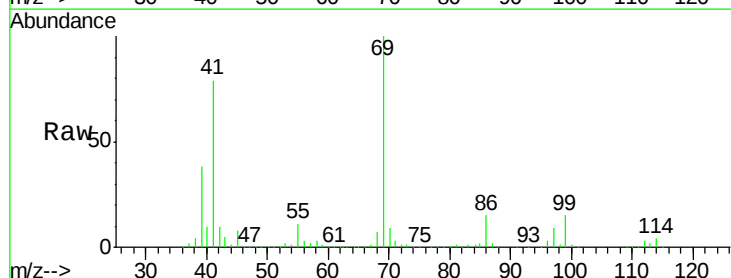
Manual Integrations
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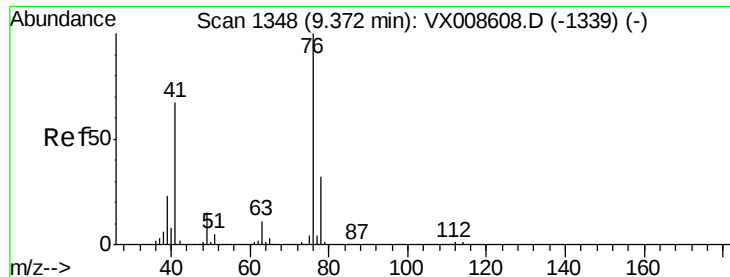
MMDadoda
 4/5/2019 10:53:26 AM



#56
 Ethyl methacrylate
 Concen: 50.484 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion:	69	Resp:	213621
Ion	Ratio	Lower	Upper
69	100		
41	79.9	60.1	90.1
39	38.3	28.9	43.3





#57

1,3-Dichloropropane

Concen: 45.317 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion: 76 Resp: 190310

Ion Ratio Lower Upper

76 100

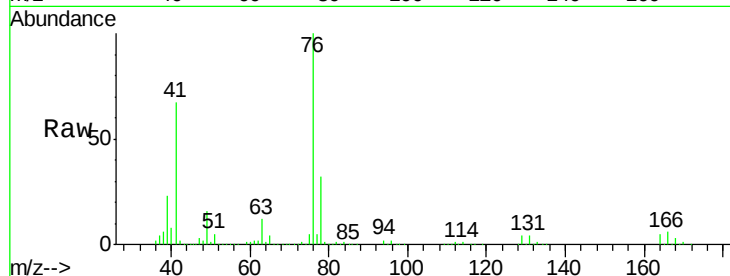
78 32.5 25.6 38.4

Manual Integrations

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MMDadoda

4/5/2019 10:53:26 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

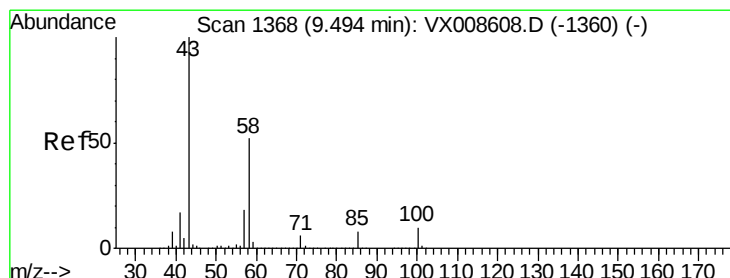
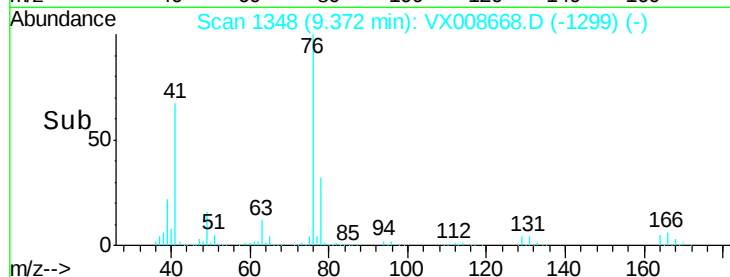
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 225.644 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VX008668.D

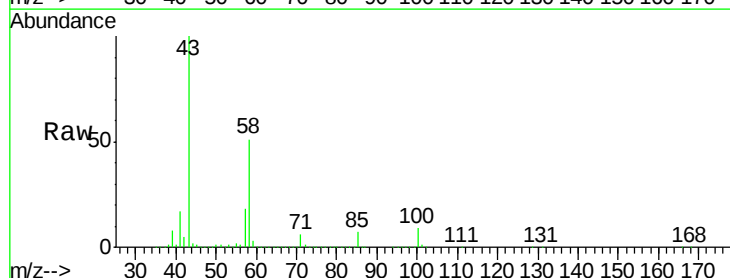
Acq: 05 Apr 2019 04:32

Tgt Ion: 43 Resp: 782995

Ion Ratio Lower Upper

43 100

58 52.8 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

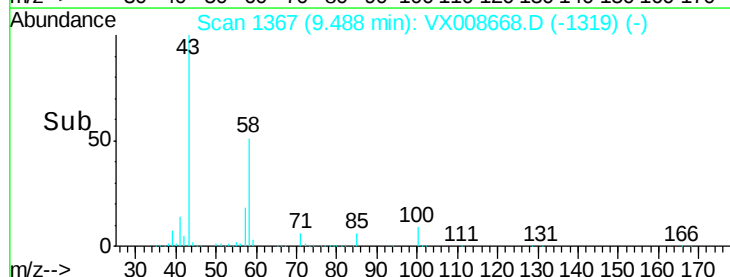
600000

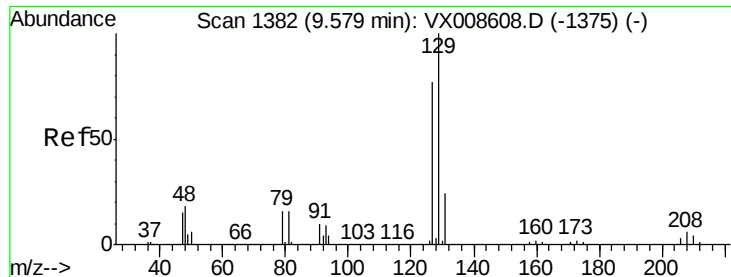
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 47.859 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion:129 Resp: 105471

Ion Ratio Lower Upper

129 100

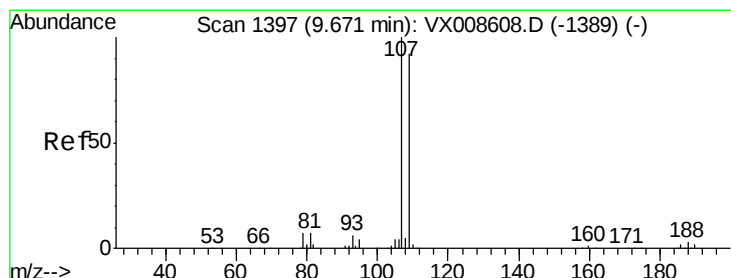
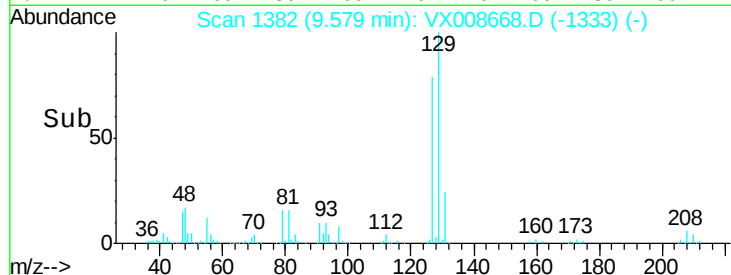
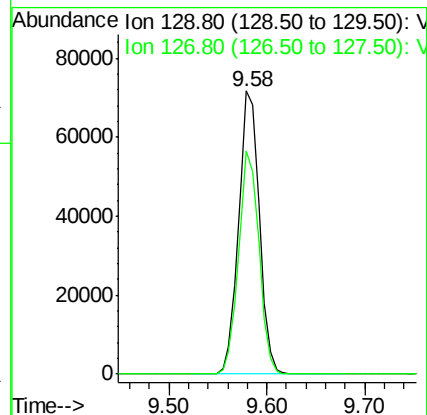
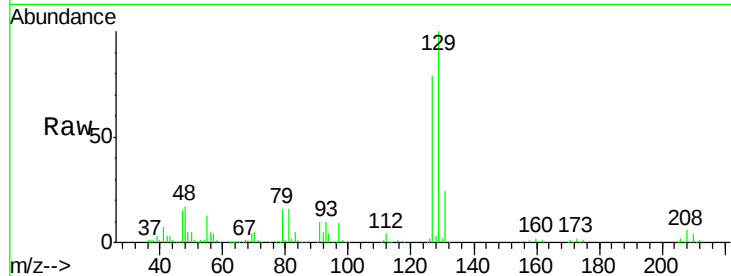
127 77.9 38.5 115.3

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#61

1,2-Dibromoethane

Concen: 45.744 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008668.D

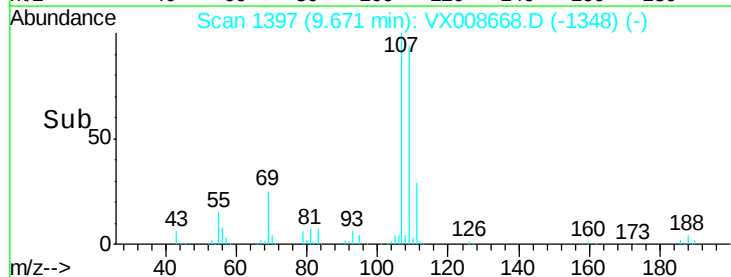
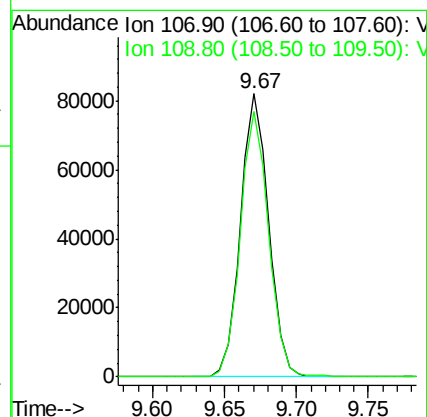
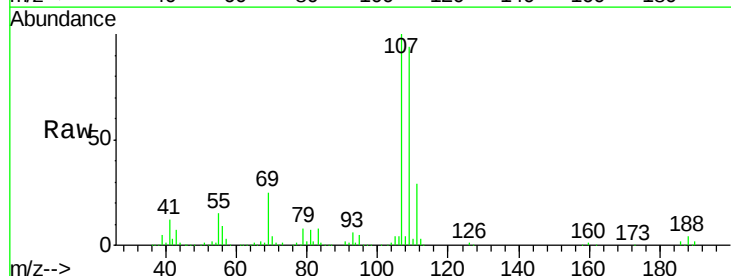
Acq: 05 Apr 2019 04:32

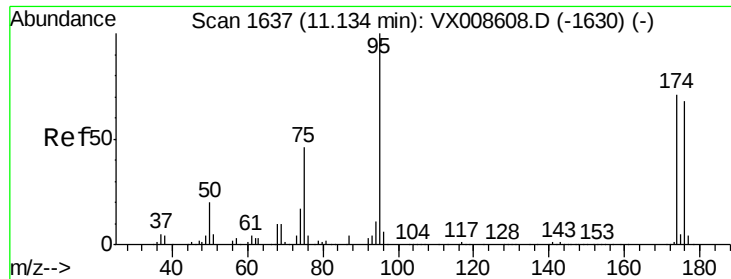
Tgt Ion:107 Resp: 111371

Ion Ratio Lower Upper

107 100

109 94.9 74.1 111.1





#62

4-Bromofluorobenzene

Concen: 49.771 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

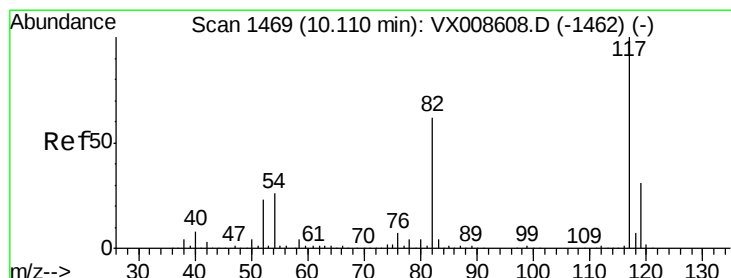
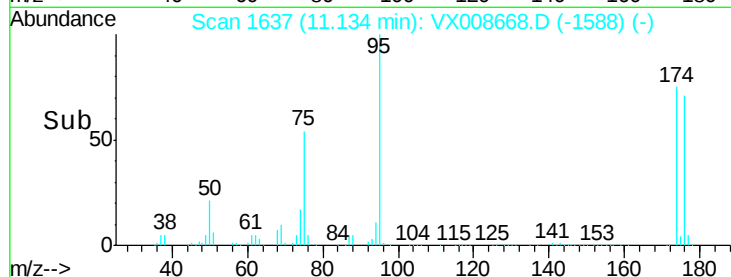
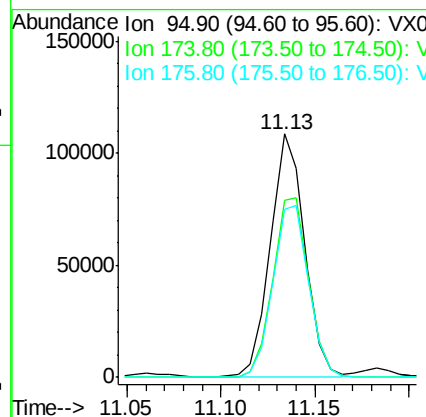
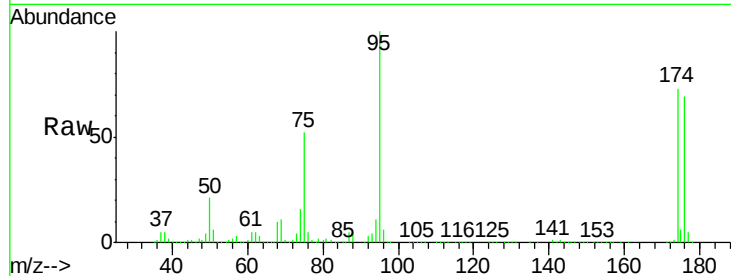
ClientSampleId :

ST006RW149-190402MS

Tot Ion	95	Resp	136355
Ion Ratio	Lower	Upper	
95	100		
174	77.5	0.0	151.8
176	74.2	0.0	145.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

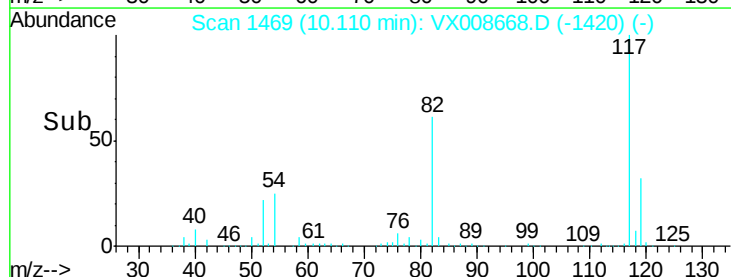
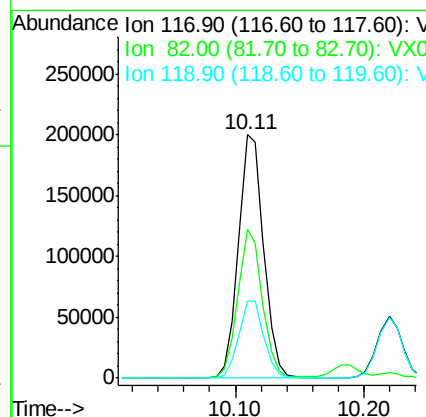
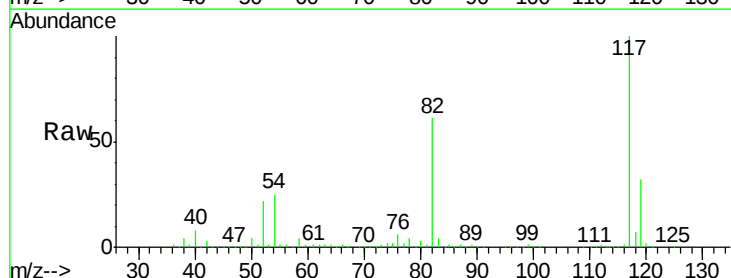
RT: 10.11 min Scan# 1469

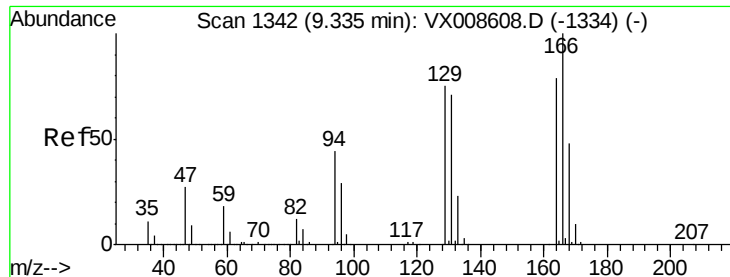
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion	117	Resp	274108
Ion Ratio	Lower	Upper	
117	100		
82	61.1	49.6	74.4
119	31.8	25.0	37.4





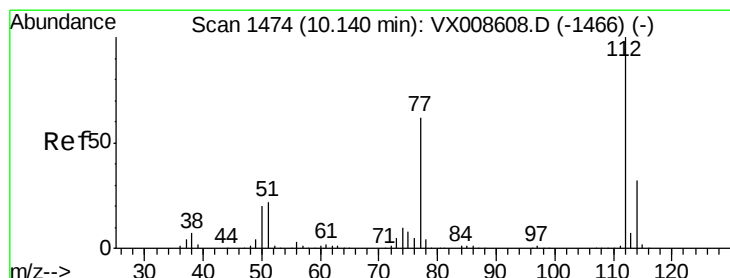
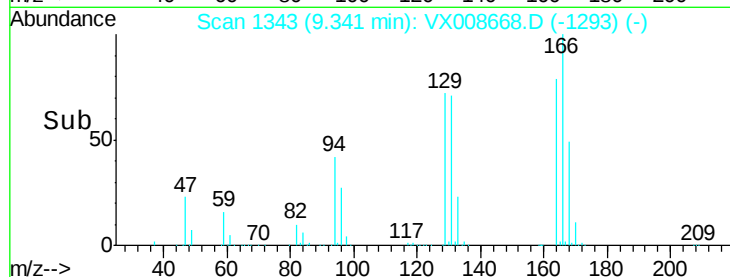
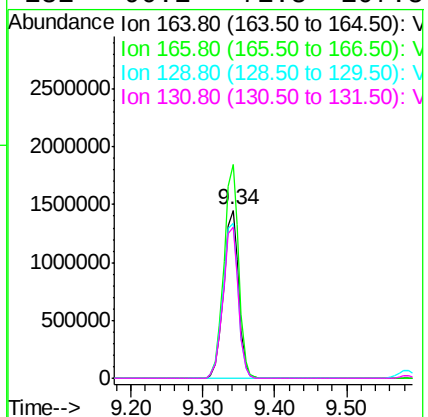
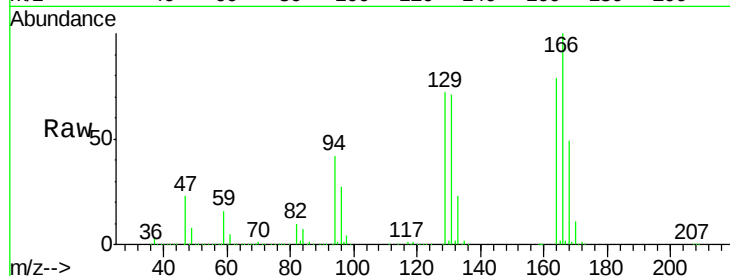
#64
Tetrachloroethene
Concen: 1025.379 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion:164 Resp: 2082394
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.6
129 92.1 75.8 113.8
131 90.1 71.8 107.8

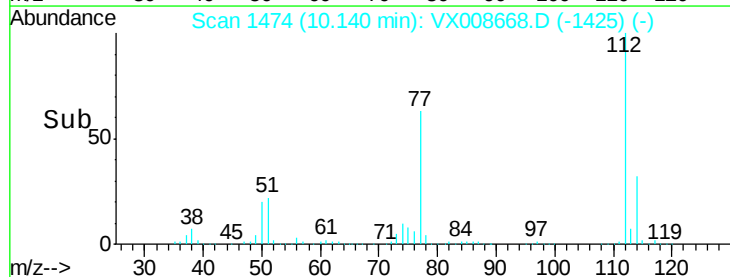
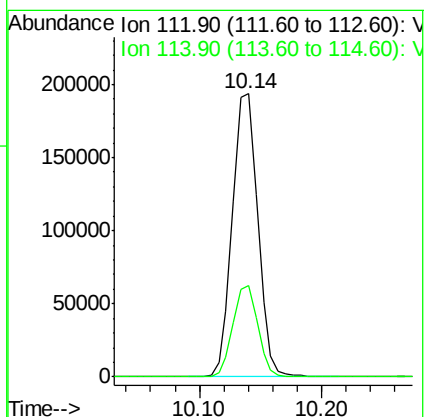
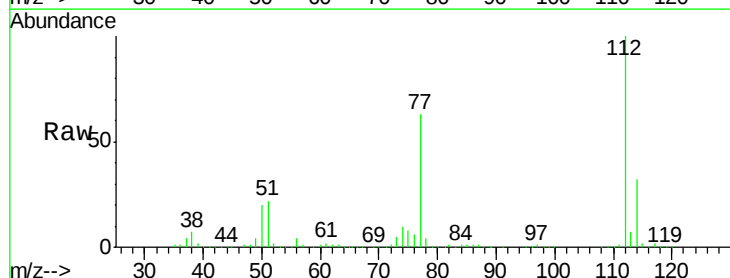
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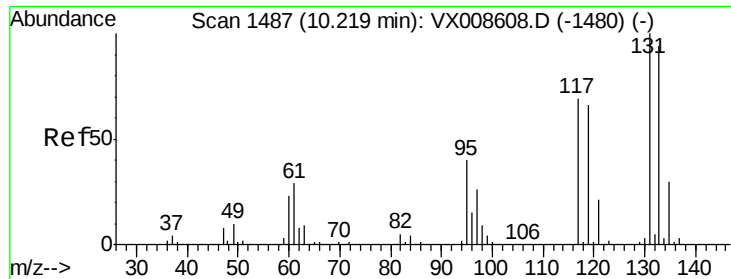
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#65
Chlorobenzene
Concen: 45.740 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion:112 Resp: 277920
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8





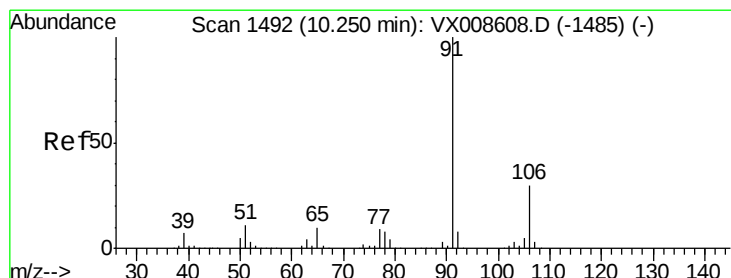
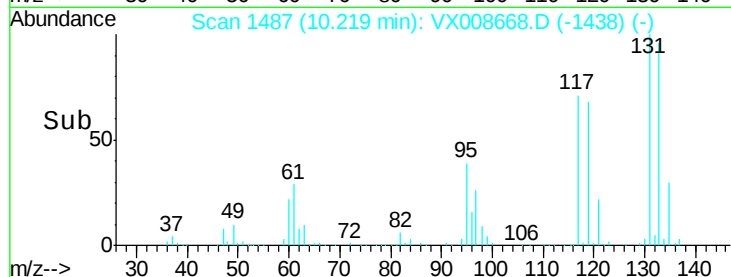
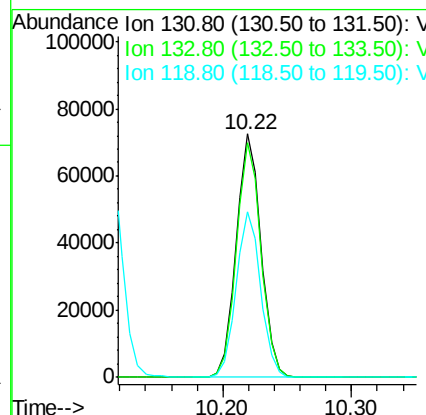
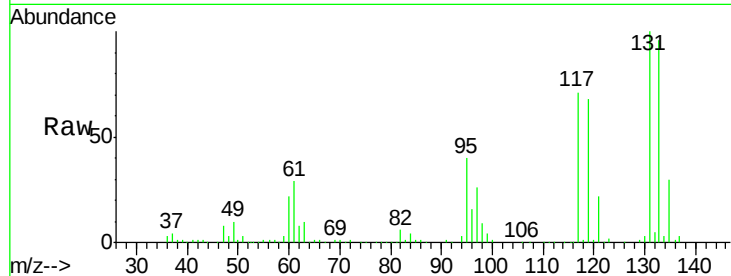
#66
 1,1,1,2-Tetrachloroethane
 Concen: 45.704 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.0	141.2
119	67.4	33.7	101.0

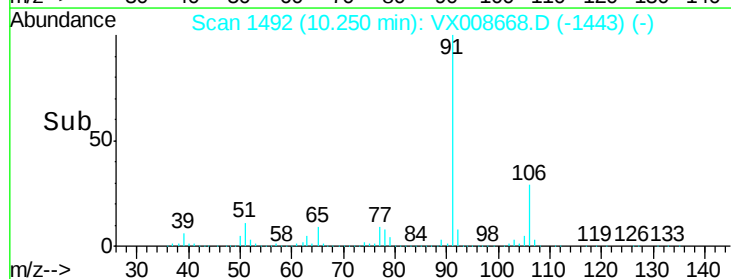
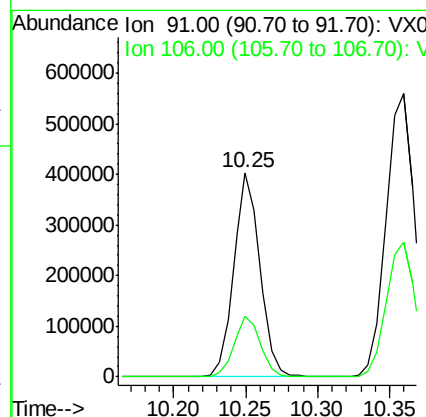
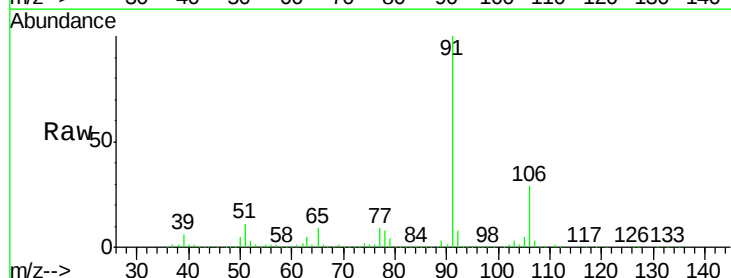
Manual Integrations
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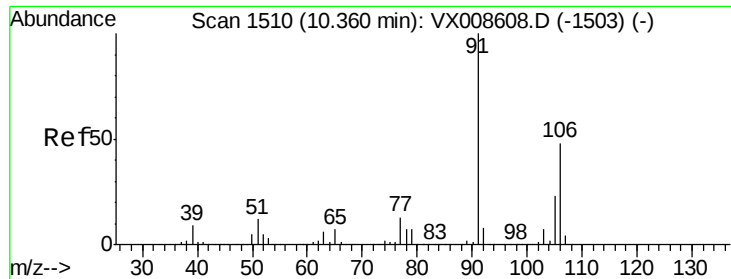
MMDadoda
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#67
 Ethyl Benzene
 Concen: 45.410 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.7	35.5





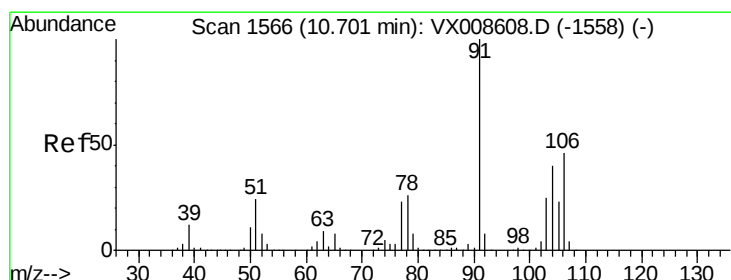
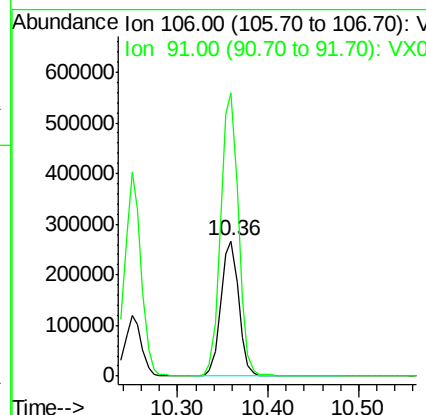
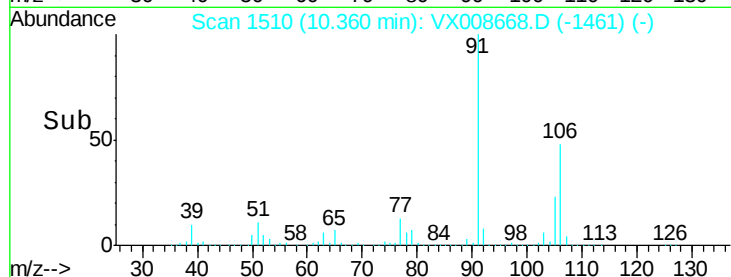
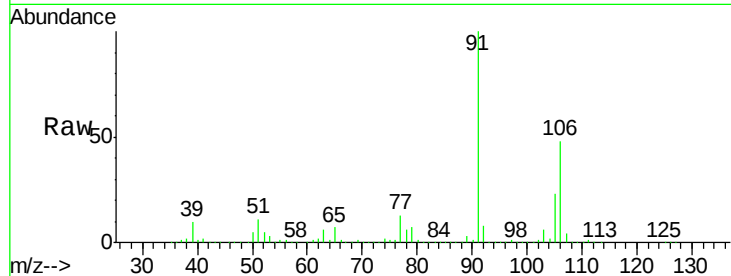
#68
m/p-Xylenes
Concen: 90.504 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion:106 Resp: 368688
Ion Ratio Lower Upper
106 100
91 209.4 168.5 252.7

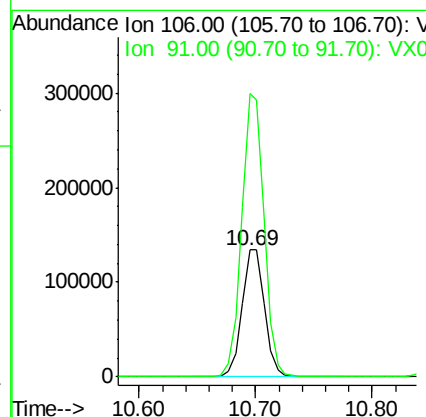
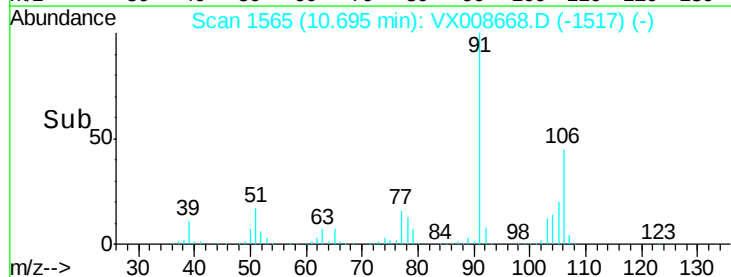
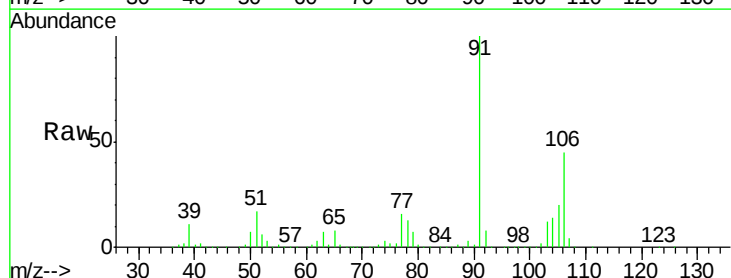
Manual Integrations
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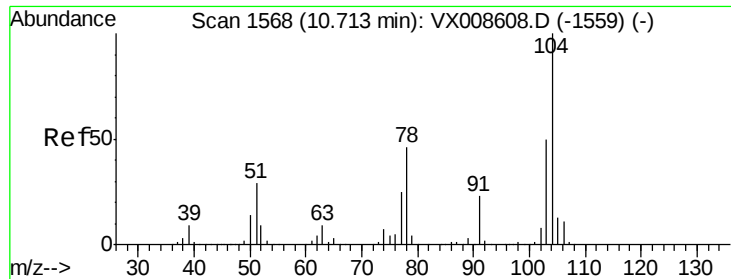
MMDadoda
4/5/2019 10:53:26 AM



#69
o-Xylene
Concen: 45.657 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion:106 Resp: 180250
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4





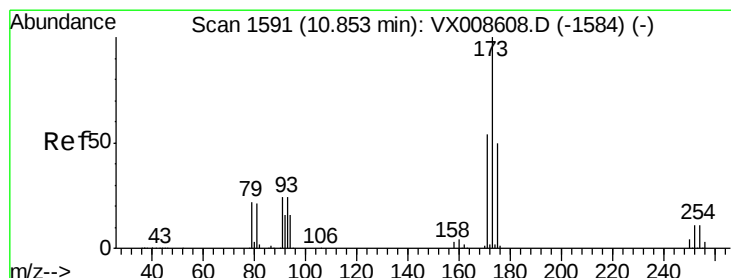
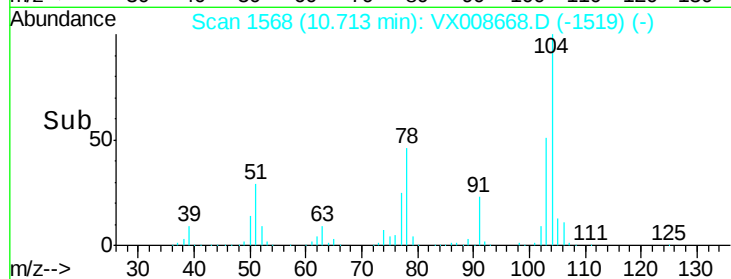
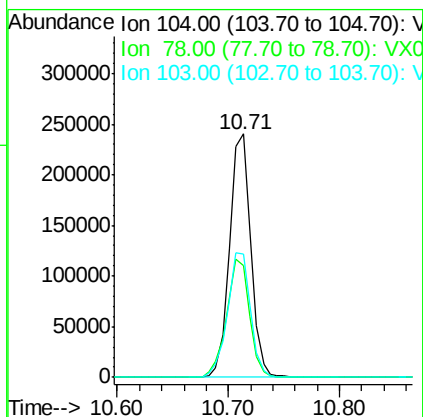
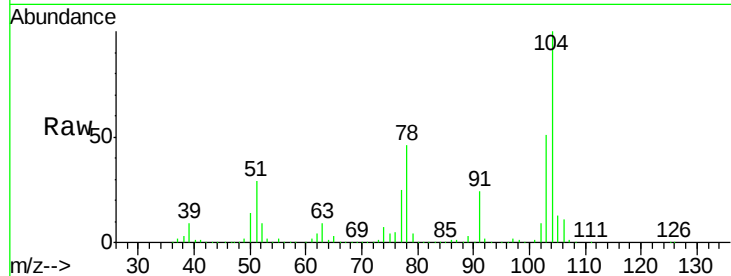
#70
Stvrene
Concen: 46.654 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	42.3	63.5
103	55.6	44.4	66.6

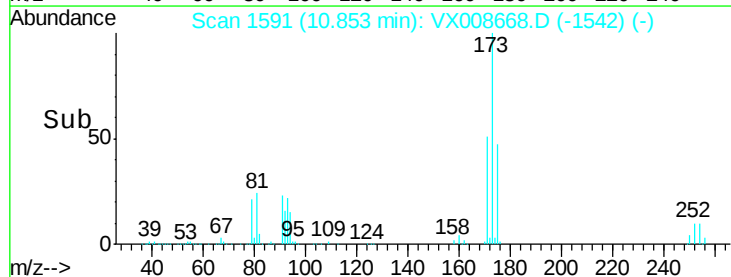
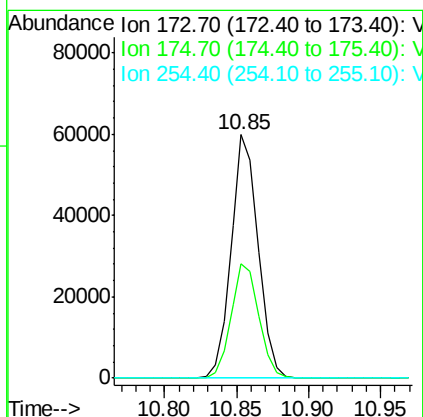
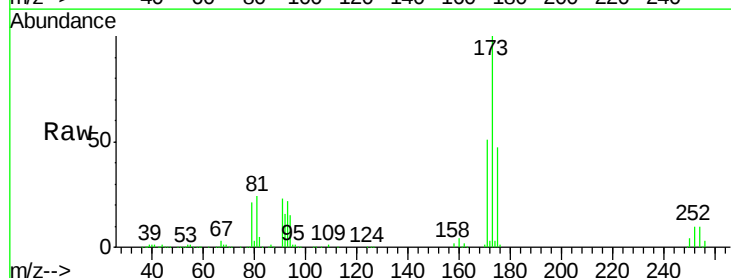
Manual Integrations
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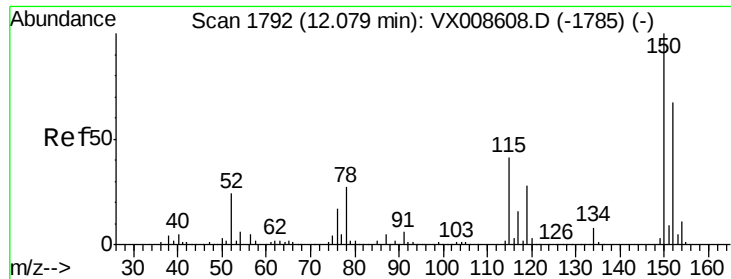
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#71
Bromoform
Concen: 48.194 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MS

Tot Ion:152 Resp: 128528

Ion Ratio Lower Upper

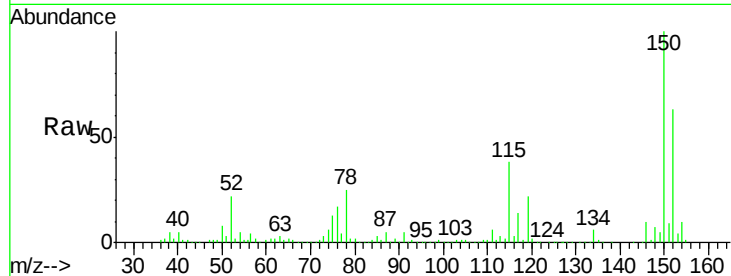
152 100

115 84.1 43.5 130.5

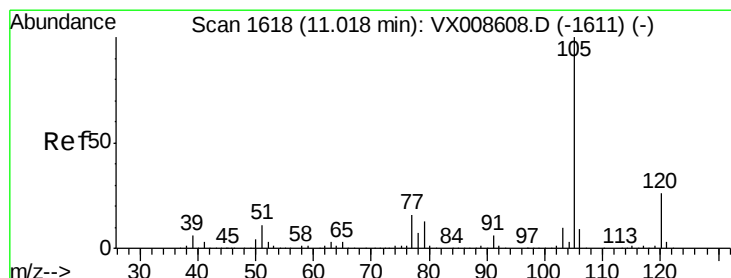
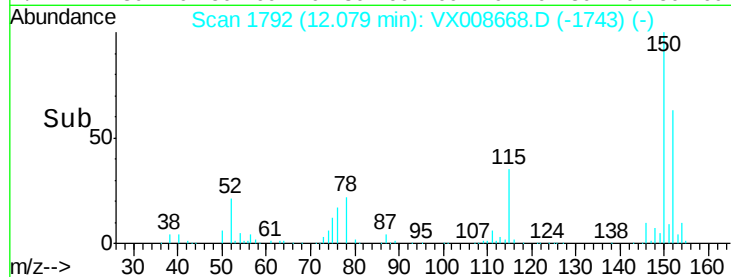
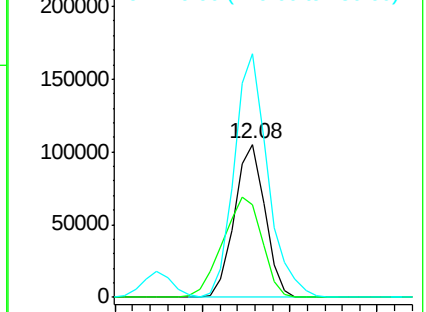
150 173.6 0.0 348.8

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 44.749 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008668.D

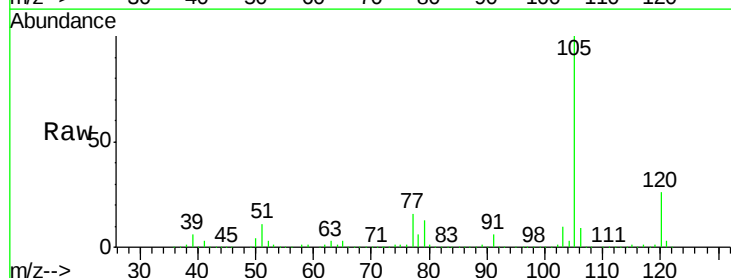
Acq: 05 Apr 2019 04:32

Tgt Ion:105 Resp: 476640

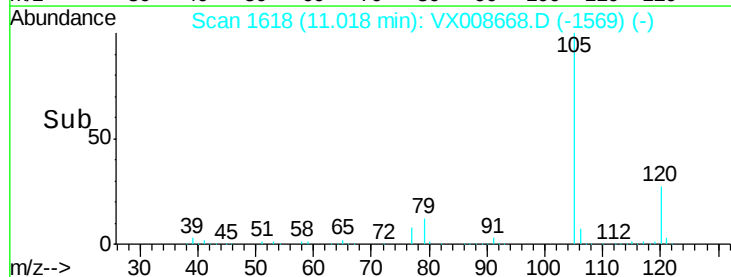
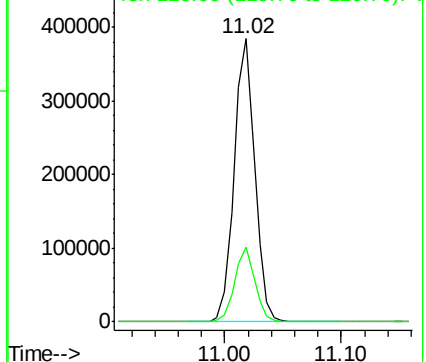
Ion Ratio Lower Upper

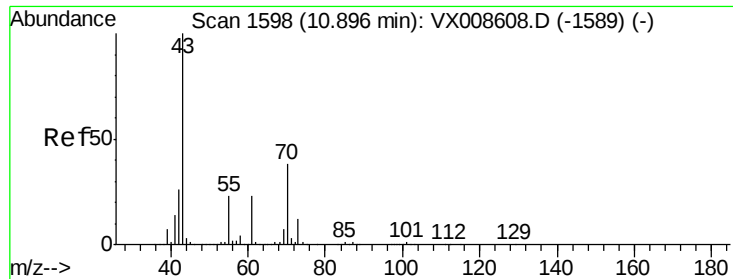
105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.366 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

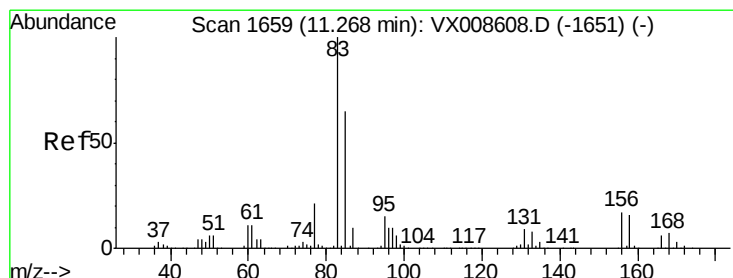
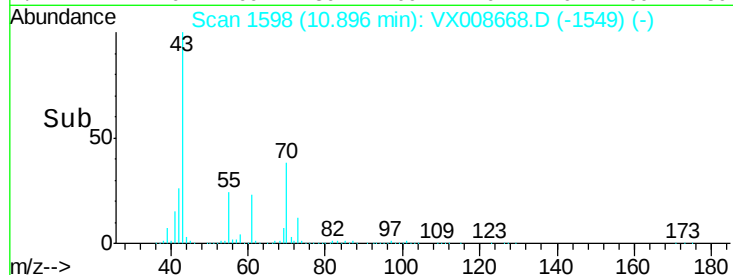
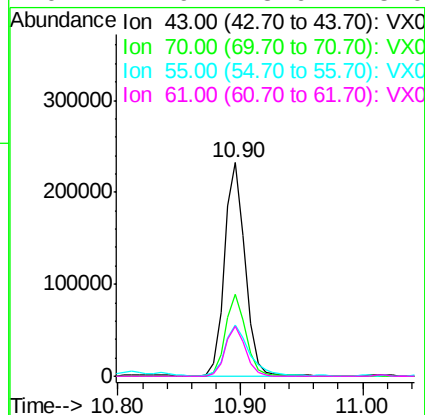
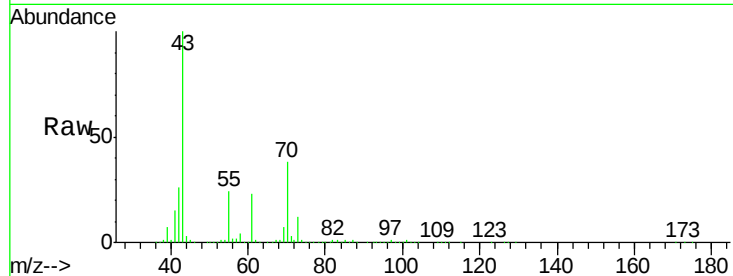
ClientSampleId :

ST006RW149-190402MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	37.8	30.2	45.4		
55	27.9	18.2	27.4		
61	22.9	18.6	28.0		

Manual Integrations
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MMDadoda
4/5/2019 10:53:26 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 45.297 ug/l

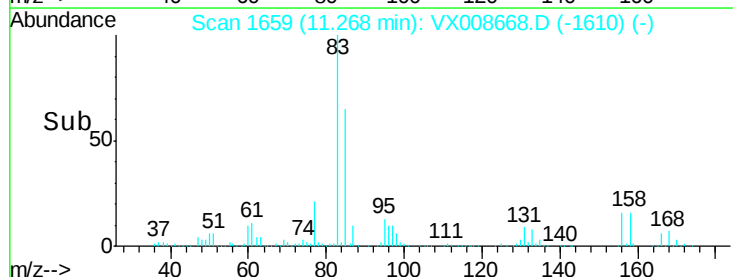
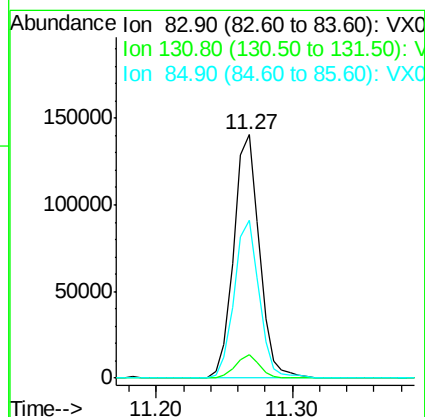
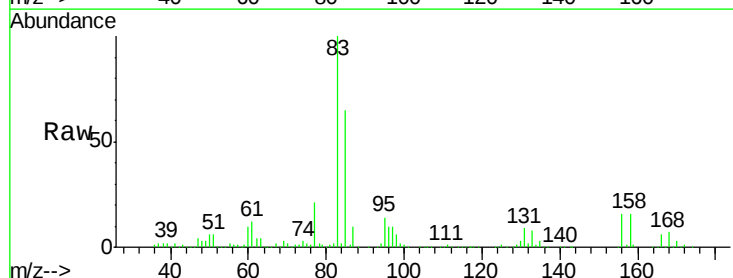
RT: 11.27 min Scan# 1659

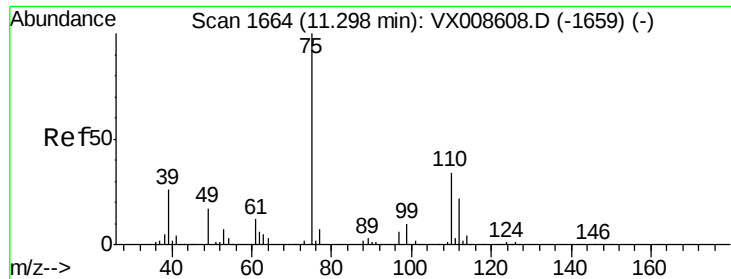
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	9.1	4.5	13.7		
85	63.6	32.0	96.2		





#76

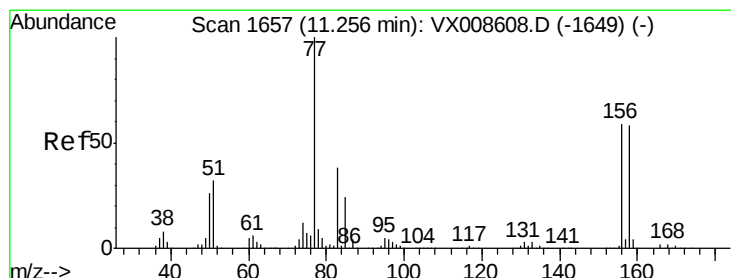
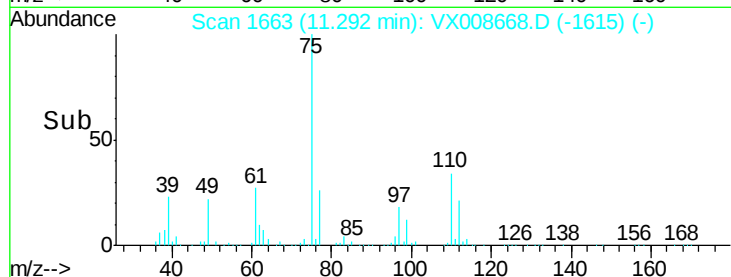
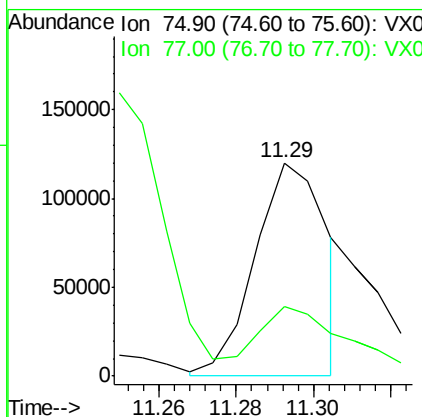
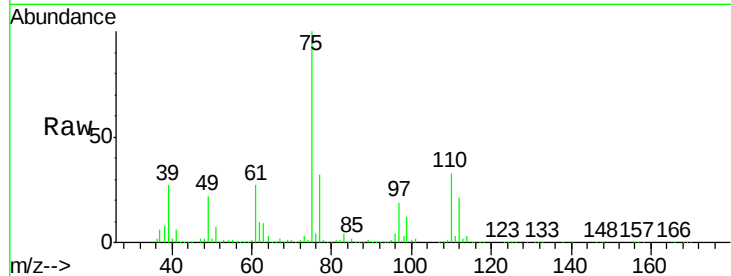
1,2,3-Trichloropropane
Concen: 43.867 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion: 75 Resp: 154885
Ion Ratio Lower Upper
75 100
77 42.2 22.3 66.8

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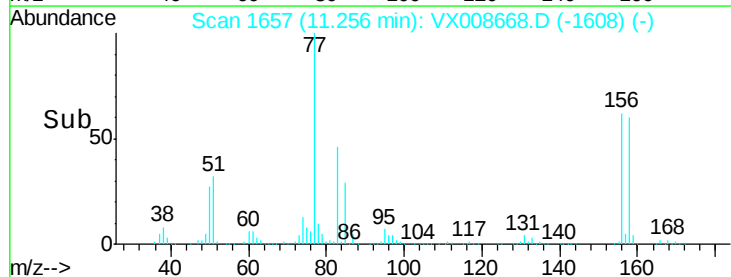
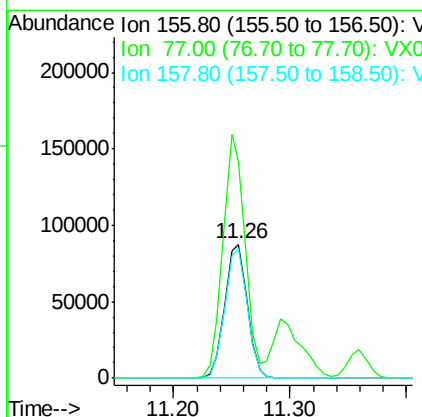
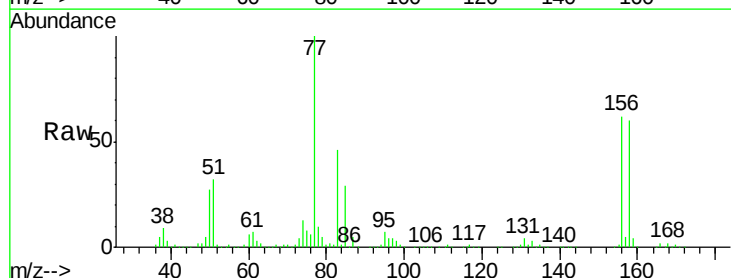
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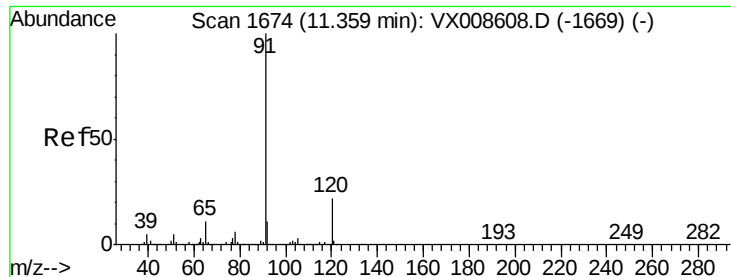


#77

Bromobenzene
Concen: 45.681 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 156 Resp: 116972
Ion Ratio Lower Upper
156 100
77 177.8 89.8 269.6
158 96.9 48.6 145.9





#78

n-propylbenzene

Concen: 44.622 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

ClientSampleID :

ST006RW149-190402MS

Tot Ion: 91 Resp: 553421

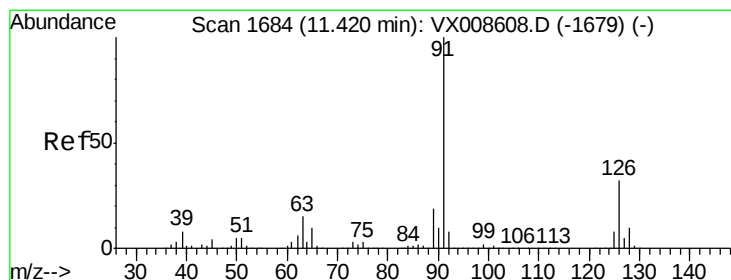
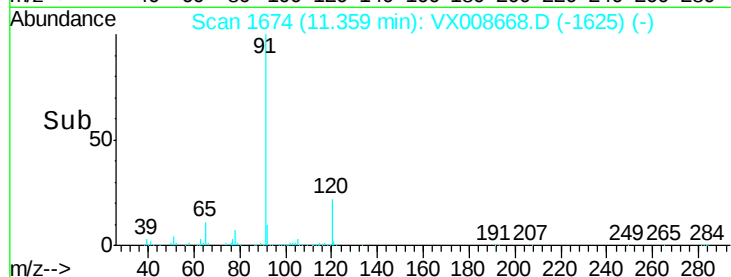
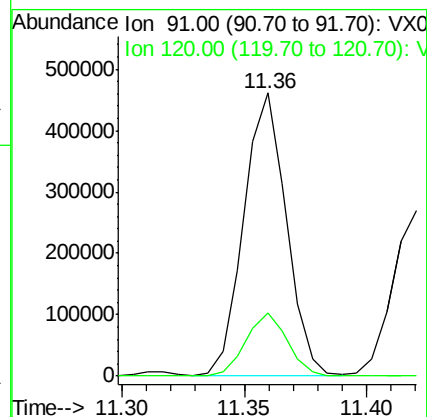
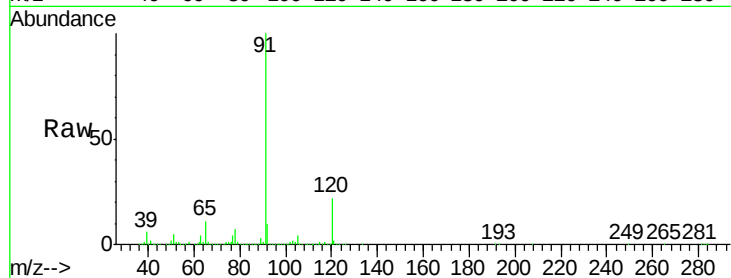
Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7

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#79

2-Chlorotoluene

Concen: 44.254 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008668.D

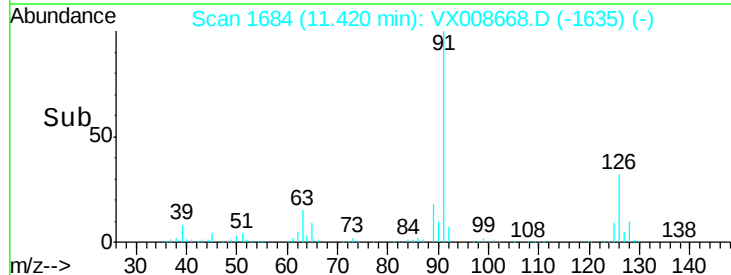
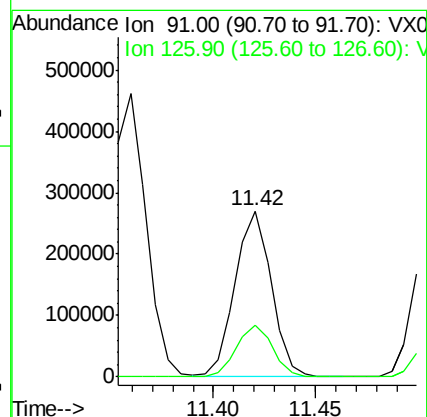
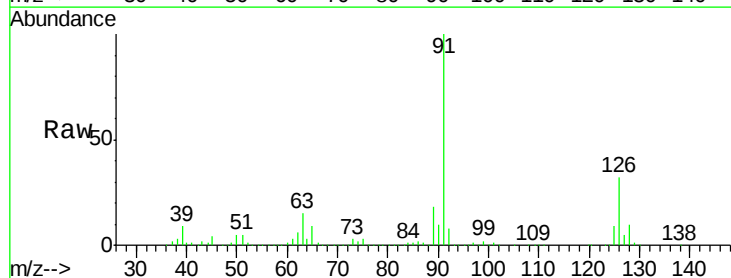
Acq: 05 Apr 2019 04:32

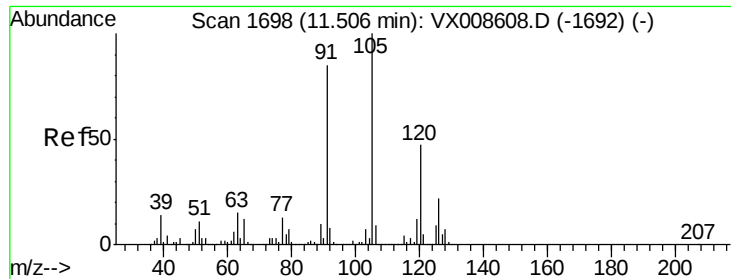
Tgt Ion: 91 Resp: 332142

Ion Ratio Lower Upper

91 100

126 32.0 16.1 48.3





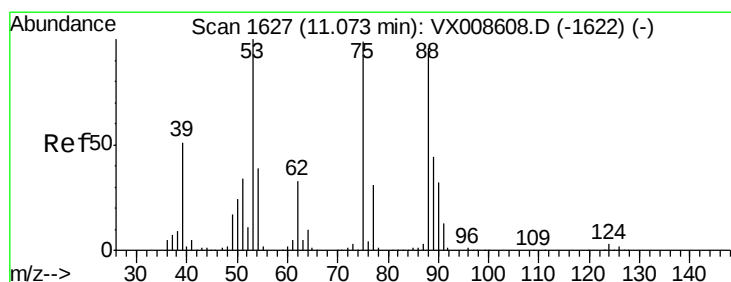
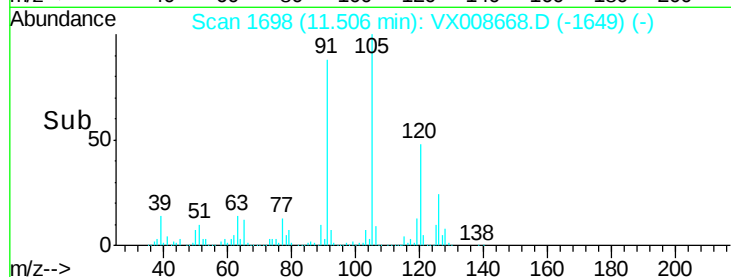
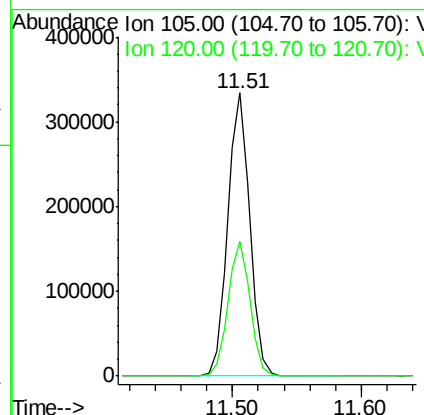
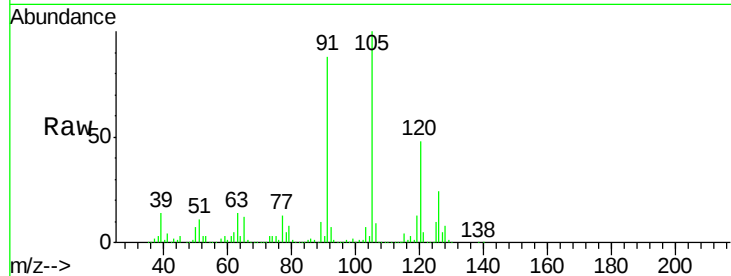
#80
 1,3,5-Trimethylbenzene
 Concen: 45.021 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion:105 Resp: 402532
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.5 70.6

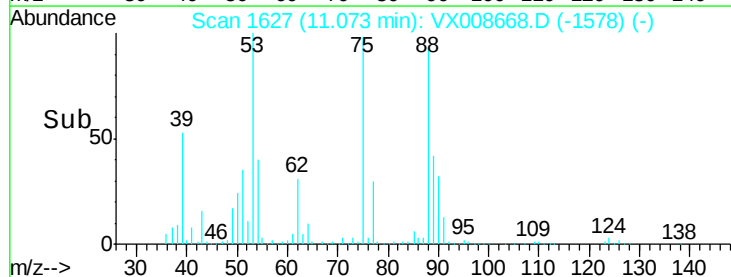
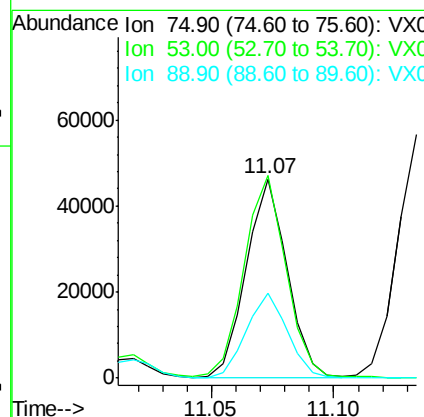
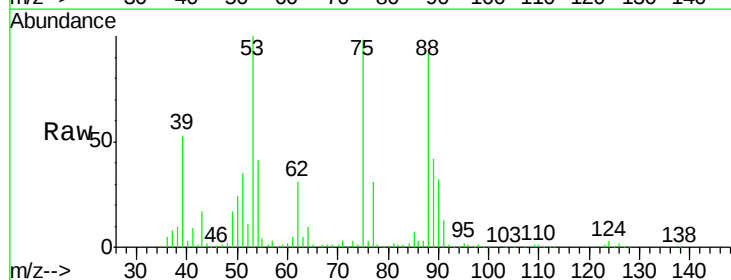
Manual Integrations
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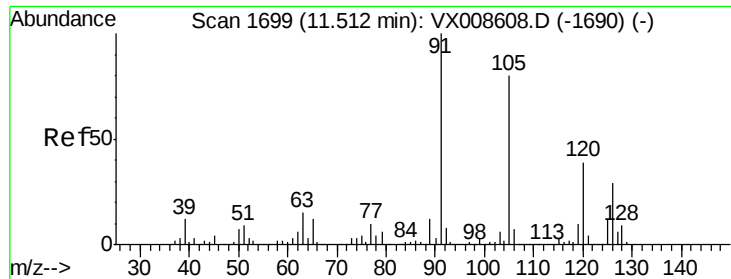
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 4/5/2019 10:53:26 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.886 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion: 75 Resp: 53651
 Ion Ratio Lower Upper
 75 100
 53 104.5 81.3 121.9
 89 43.0 35.6 53.4





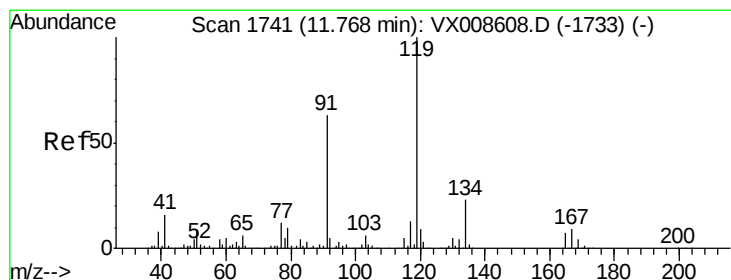
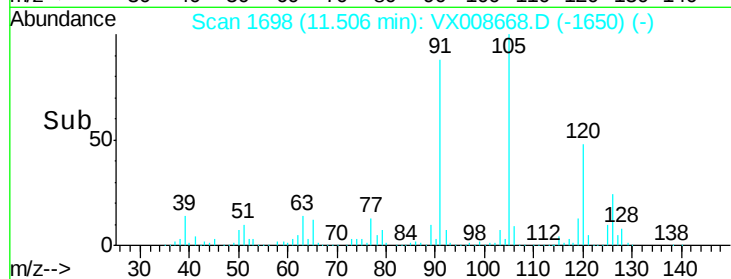
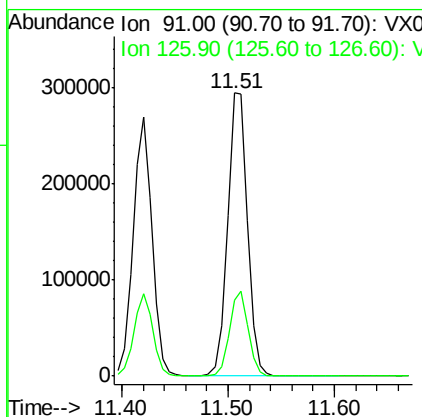
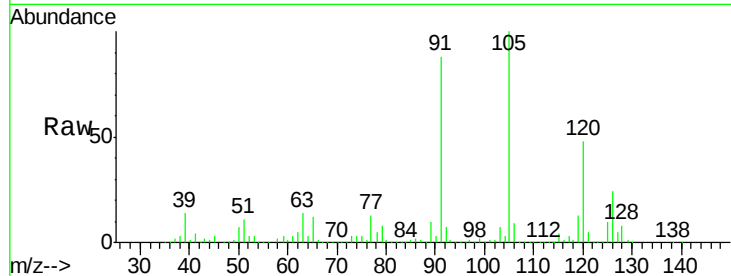
#82
4-Chlorotoluene
Concen: 44.302 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion: 91 Resp: 384879
Ion Ratio Lower Upper
91 100
126 28.3 13.9 41.6

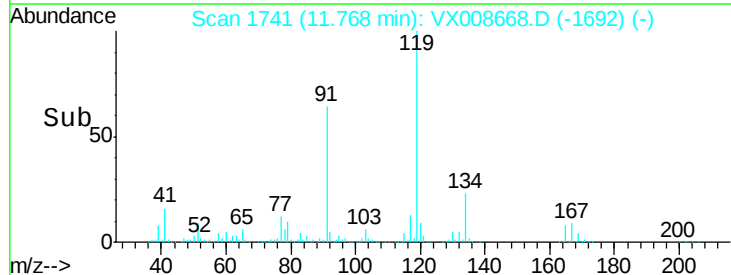
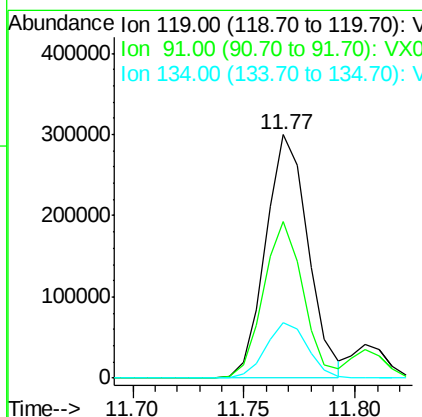
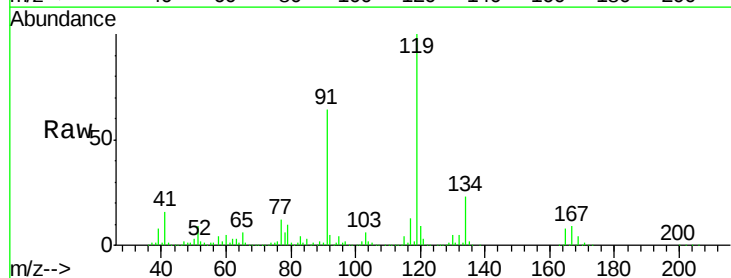
Manual Integrations
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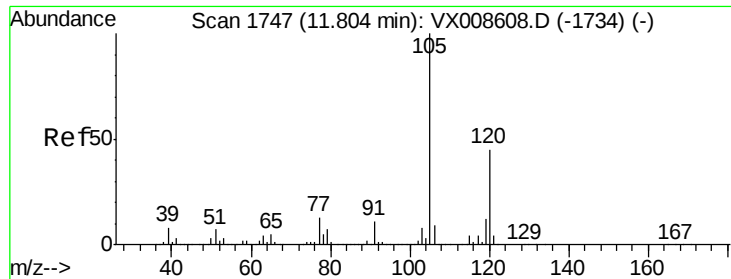
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#83
tert-Butylbenzene
Concen: 46.163 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion: 119 Resp: 397095
Ion Ratio Lower Upper
119 100
91 60.4 30.0 90.1
134 22.4 11.1 33.3





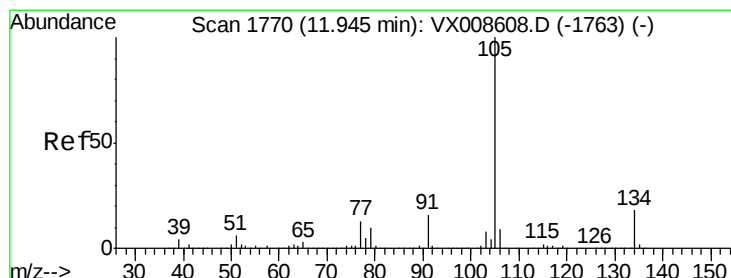
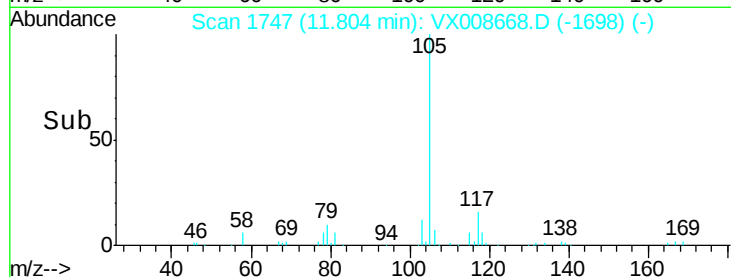
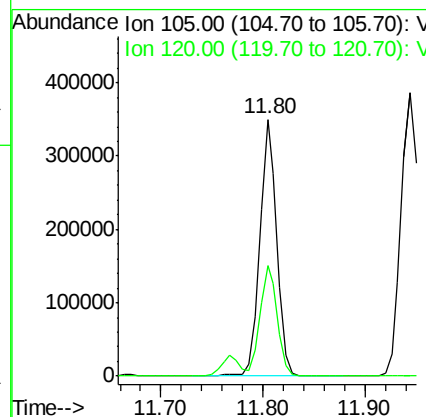
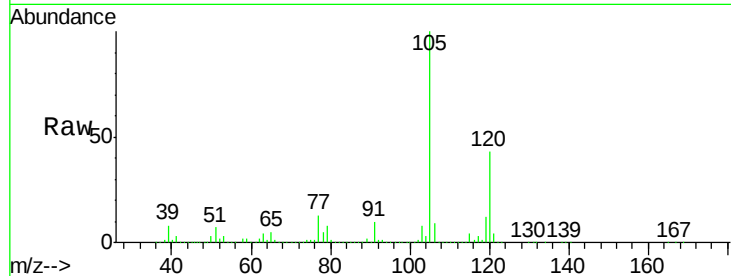
#84
 1,2,4-Trimethylbenzene
 Concen: 45.155 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.8	65.3

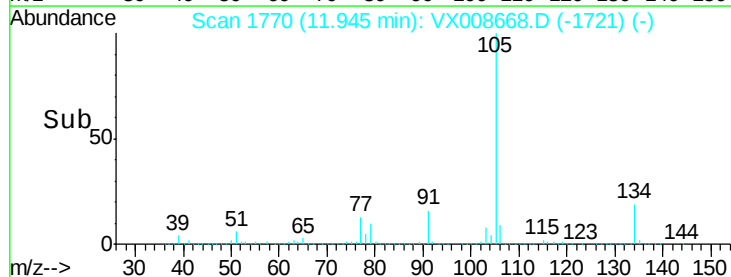
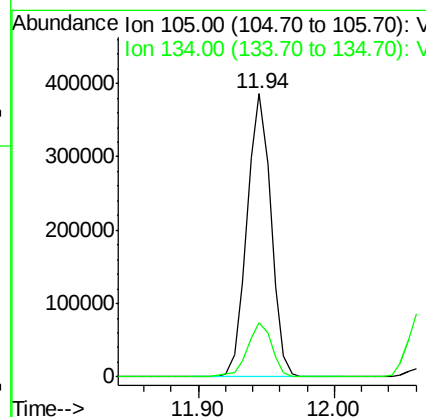
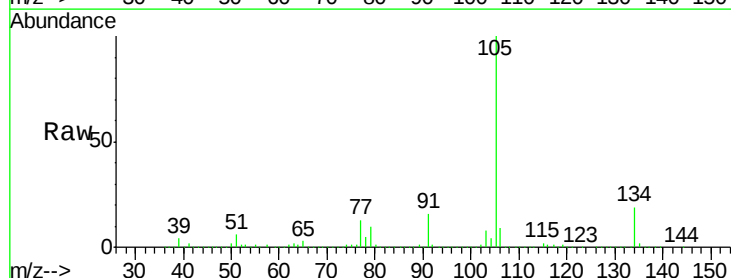
Manual Integrations
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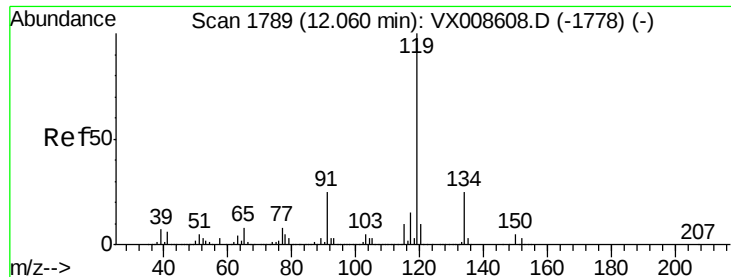
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#85
 sec-Butylbenzene
 Concen: 46.447 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.4	28.2





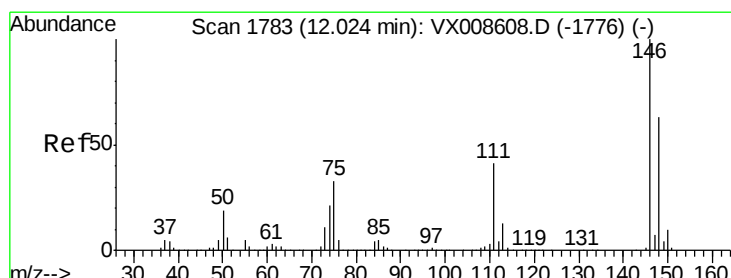
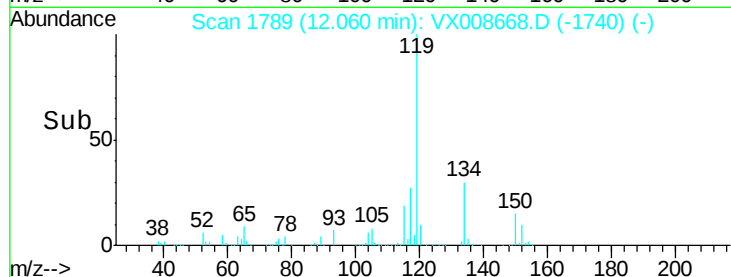
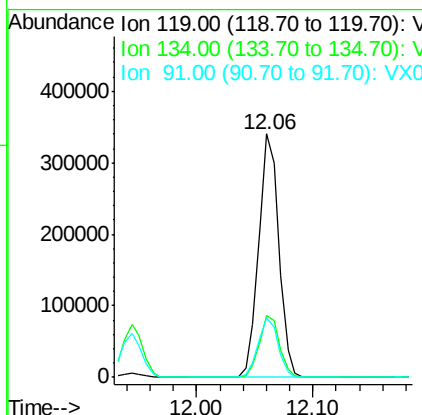
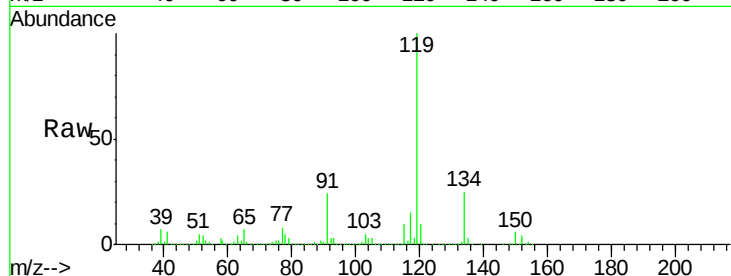
#86
p-Isopropyltoluene
Concen: 45.092 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	413530		
134	25.6	12.8	38.4	
91	24.2	12.2	36.6	

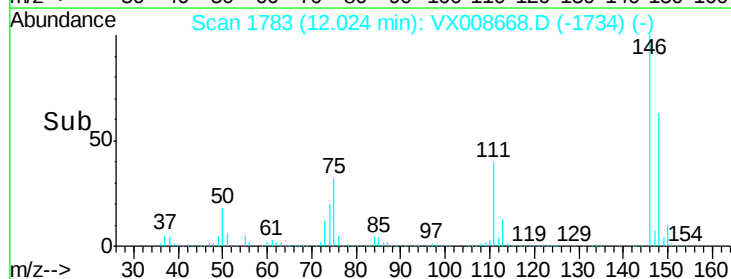
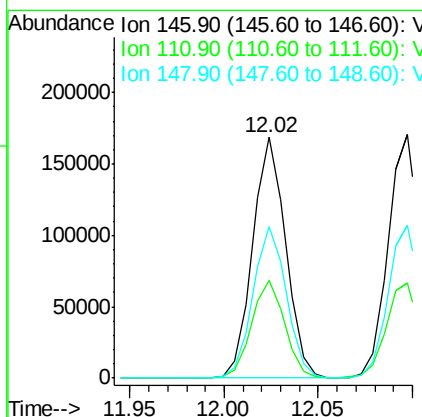
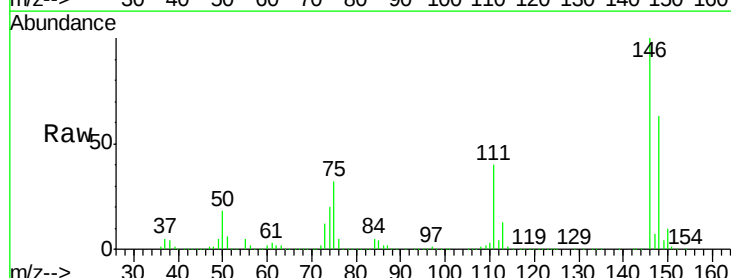
Manual Integrations
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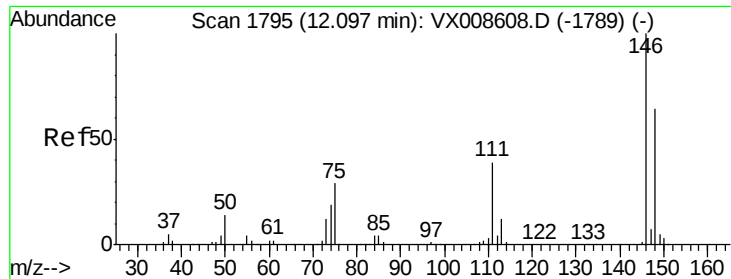
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#87
1,3-Dichlorobenzene
Concen: 44.674 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	204790		
111	40.3	20.5	61.5	
148	63.6	31.6	94.7	





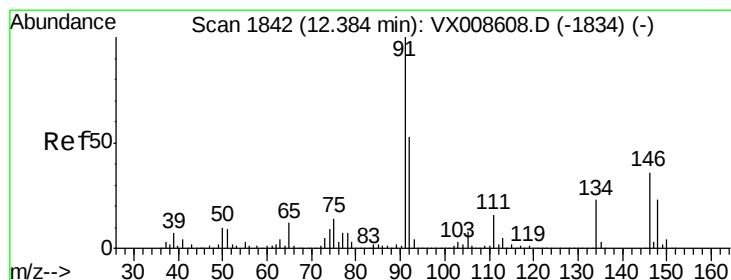
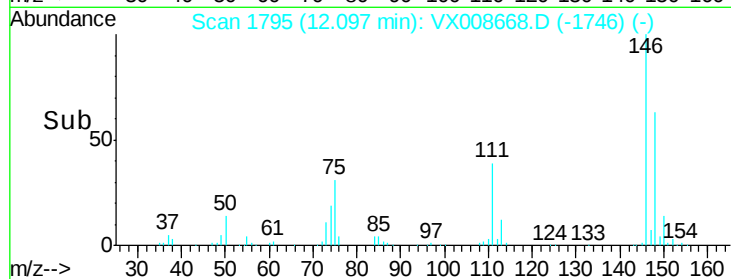
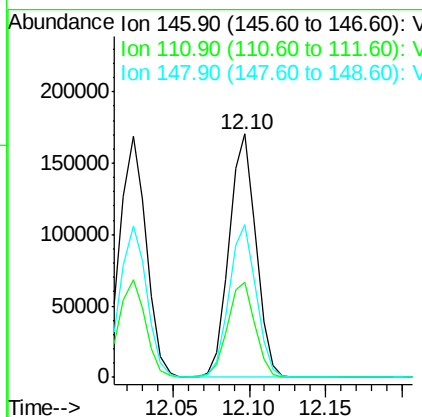
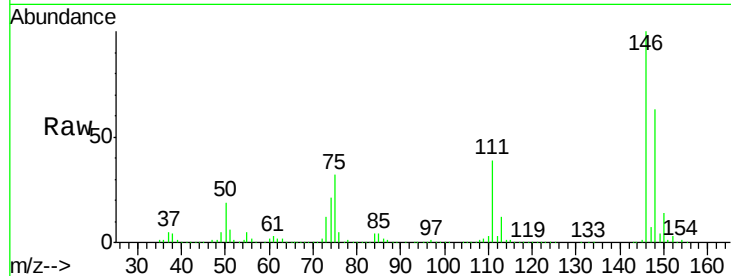
#88
 1,4-Dichlorobenzene
 Concen: 44.618 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	207115		
111	39.7	20.2	60.6	
148	63.1	32.0	96.0	

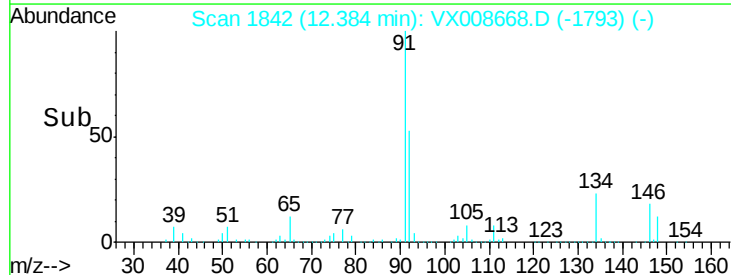
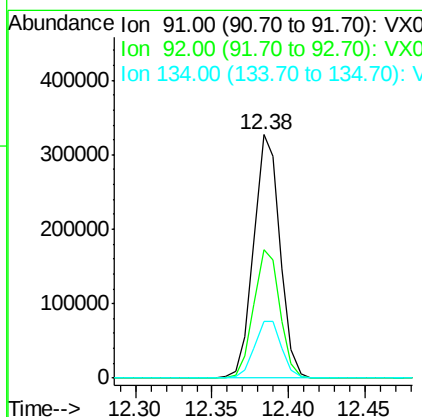
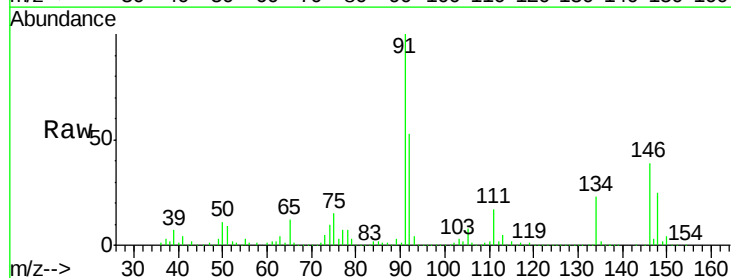
Manual Integrations
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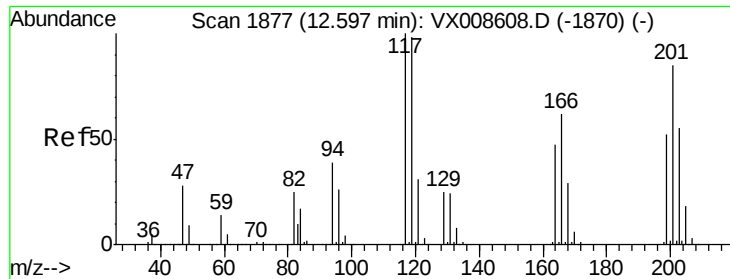
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#89
 n-Butylbenzene
 Concen: 45.349 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	390023		
92	52.9	26.4	79.2	
134	24.4	12.0	36.0	





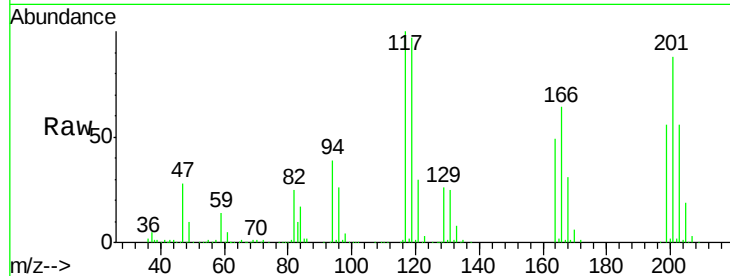
#90
Hexachloroethane
Concen: 46.323 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MS

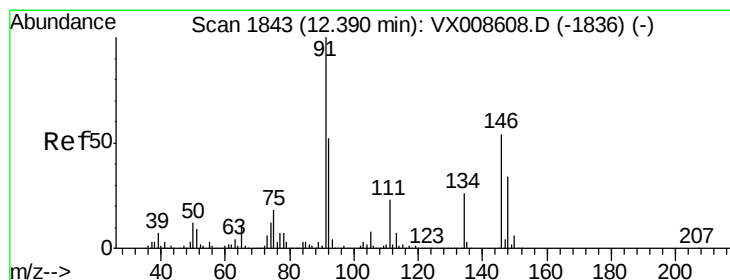
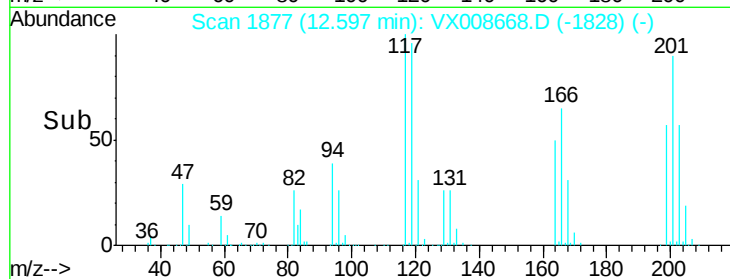
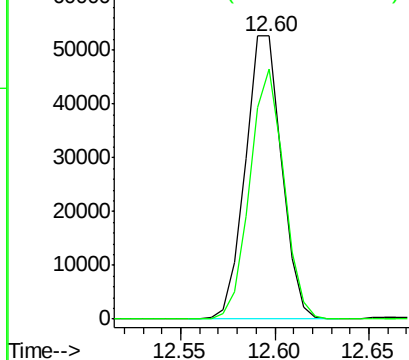
Tot Ion:117 Resp: 70460
Ion Ratio Lower Upper
117 100
201 82.7 40.6 122.0

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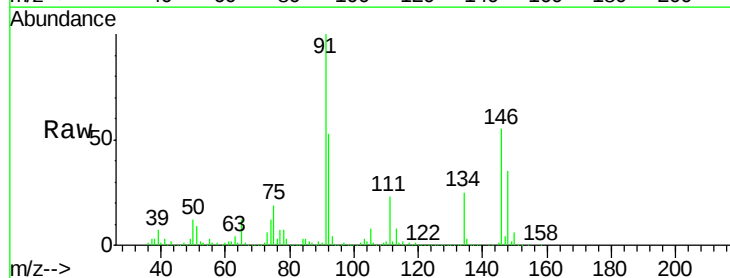


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

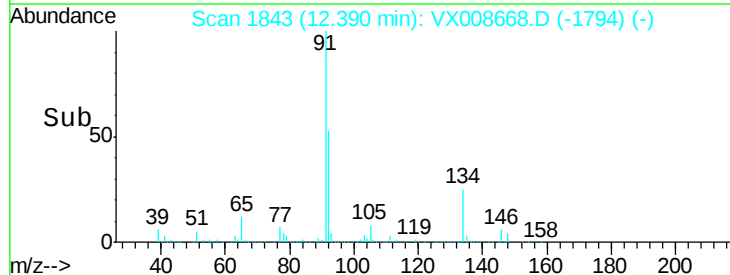
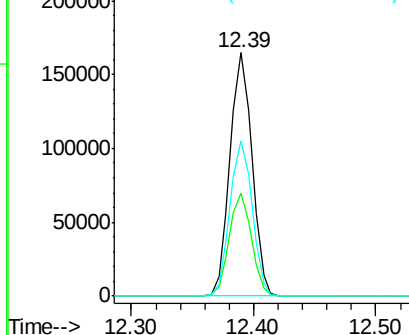


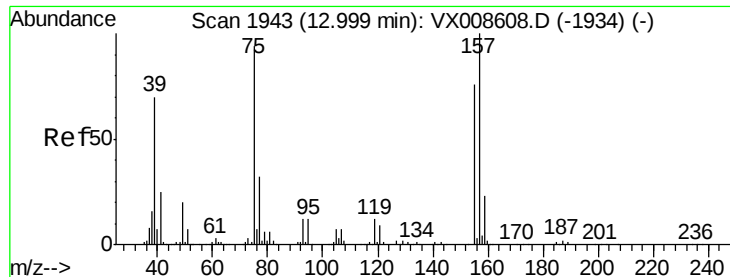
#91
1,2-Dichlorobenzene
Concen: 45.055 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008668.D
Acq: 05 Apr 2019 04:32

Tgt Ion:146 Resp: 205067
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.9
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.030 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

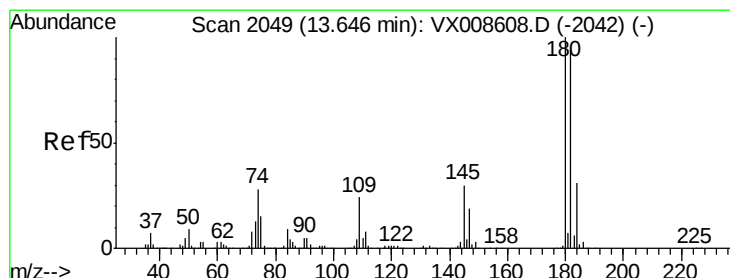
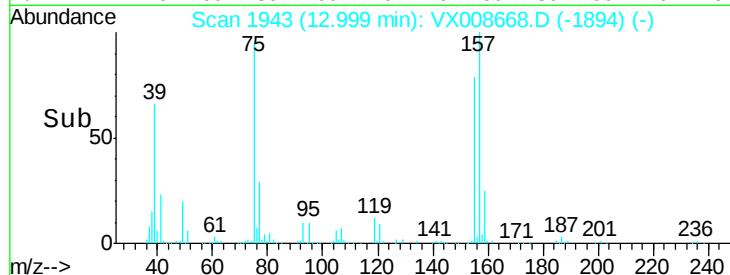
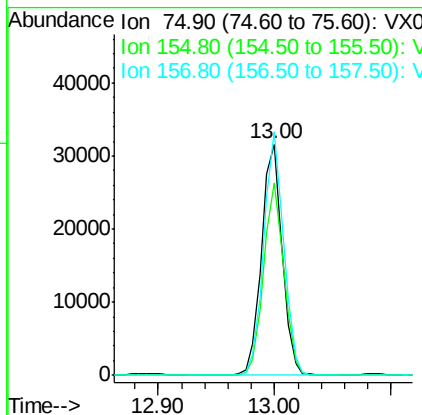
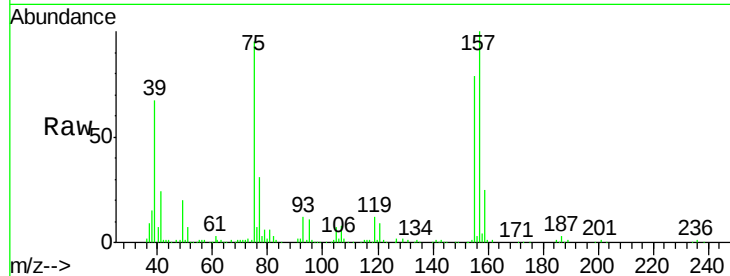
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	75	Resp:	39236
Ion	Ratio	Lower	Upper
75	100		
155	81.4	39.9	119.6
157	101.2	51.5	154.7

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#93

1,2,4-Trichlorobenzene

Concen: 45.070 ug/l

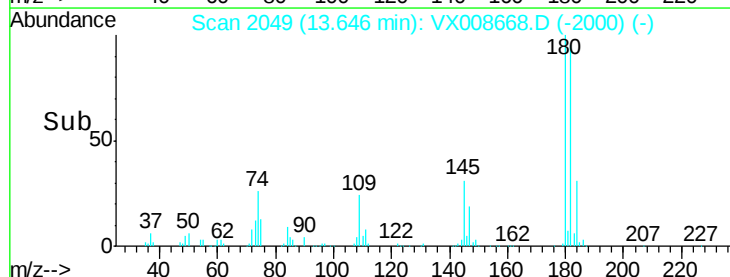
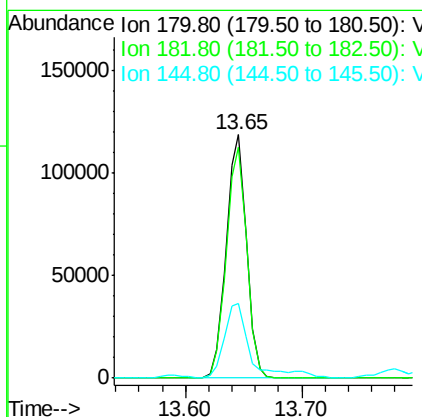
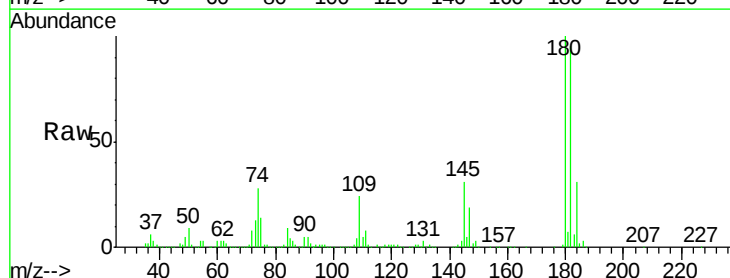
RT: 13.65 min Scan# 2049

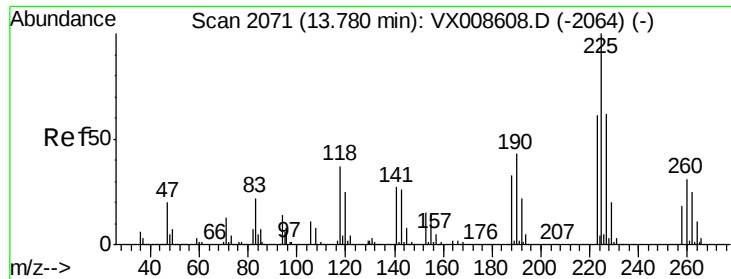
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	180	Resp:	142629
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	35.9	15.3	45.9





#94

Hexachlorobutadiene

Concen: 43.618 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Instrument :

MSVOA_X

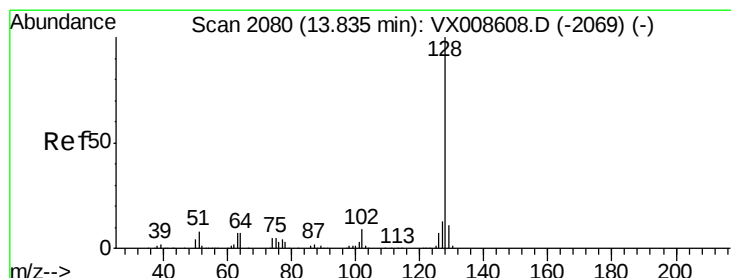
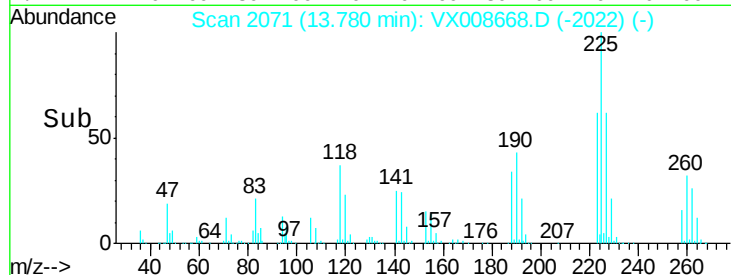
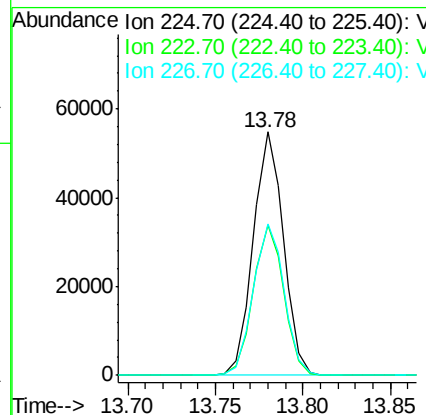
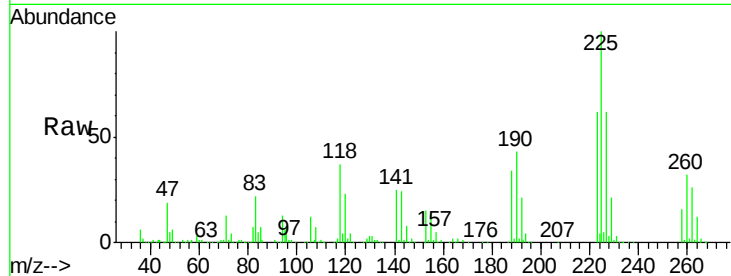
ClientSampleId :

ST006RW149-190402MS

Tot Ion:	225	Resp:	66198
Ion Ratio		Lower	Upper
225	100		
223	62.0	31.2	93.6
227	63.6	31.9	95.5

Manual Integrations
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#95

Naphthalene

Concen: 45.281 ug/l

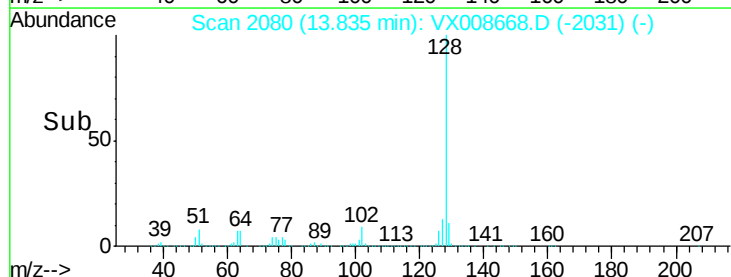
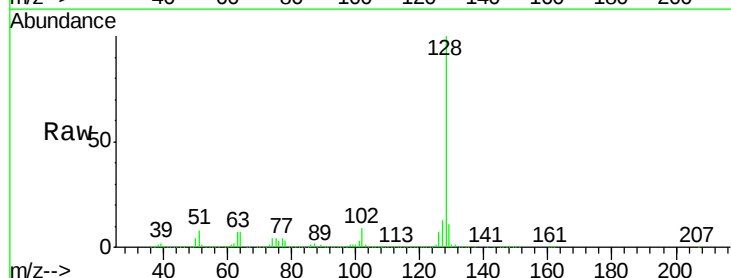
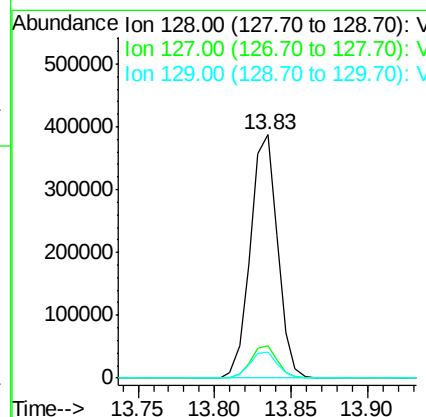
RT: 13.83 min Scan# 2080

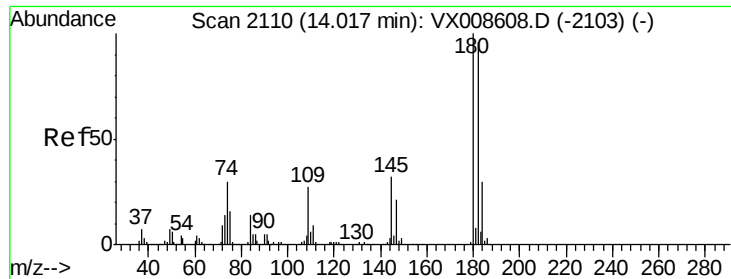
Delta R.T. -0.00 min

Lab File: VX008668.D

Acq: 05 Apr 2019 04:32

Tgt Ion:	128	Resp:	478929
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.1	8.6	13.0





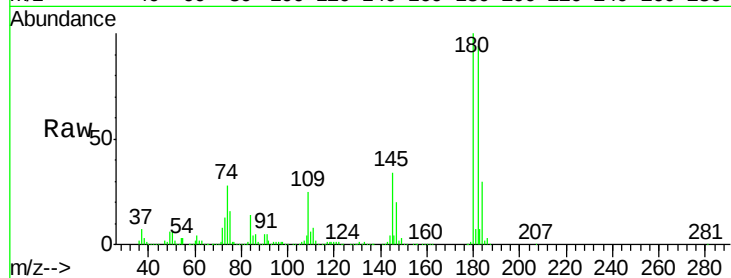
#96
 1,2,3-Trichlorobenzene
 Concen: 44.601 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008668.D
 Acq: 05 Apr 2019 04:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.3
145	39.5	16.3	48.8

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

