

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008669.D
 Acq On : 05 Apr 2019 04:55
 Operator : JC/SP
 Sample : K2274-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:53:33 AM

Quant Time: Apr 05 09:31:16 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	5.66	168	177613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125048	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.50	113	94095	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	8.71	98	377769	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	138762	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91495	44.752	ug/l	99
3) Chloromethane	1.32	50	122289	48.765	ug/l	100
4) Vinyl Chloride	1.40	62	555503	200.996	ug/l	98
5) Bromomethane	1.64	94	61408	45.289	ug/l	99
6) Chloroethane	1.71	64	76072	50.426	ug/l	98
7) Trichlorofluoromethane	1.93	101	140454	45.974	ug/l	100
8) Diethyl Ether	2.19	74	67858	46.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89722	45.614	ug/l	98
10) Methyl Iodide	2.51	142	77521	43.812	ug/l	99
11) Tert butyl alcohol	3.05	59	138730	228.743	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103592	50.450	ug/l	100
13) Acrolein	2.29	56	53506	177.921	ug/l	99
14) Allyl chloride	2.73	41	211204	44.931	ug/l	99
15) Acrylonitrile	3.14	53	380062	236.549	ug/l	100
16) Acetone	2.45	43	315951	211.749	ug/l	100
17) Carbon Disulfide	2.57	76	280444	47.256	ug/l	99
18) Methyl Acetate	2.77	43	170375	47.081	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354665	48.365	ug/l	94
20) Methylene Chloride	2.85	84	113980	45.636	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111248	50.088	ug/l	93
22) Diisopropyl ether	3.85	45	428257	47.269	ug/l	94
23) Vinyl Acetate	3.81	43	1861134	236.134	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219063	48.835	ug/l	99
25) 2-Butanone	4.68	43	531238	225.262	ug/l	99
26) 2,2-Dichloropropane	4.59	77	108227	34.256	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	5744980	2249.770	ug/l	88
28) Bromochloromethane	5.02	49	93622	49.961	ug/l	99
29) Tetrahydrofuran	5.13	42	358691	229.157	ug/l	99
30) Chloroform	5.21	83	187722	46.854	ug/l	99
31) Cyclohexane	5.58	56	217642	48.625	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	199960	61.761	ug/l	99
36) 1,1-Dichloropropene	5.80	75	147076	44.259	ug/l	100
37) Ethyl Acetate	4.83	43	198521	44.756	ug/l #	81
38) Carbon Tetrachloride	5.79	117	127474	46.347	ug/l	96

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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	243753	59.378	ug/l	96
40) Benzene	6.14	78	458656	46.329	ug/l	99
41) Methacrylonitrile	5.04	41	117558	46.108	ug/l	99
42) 1,2-Dichloroethane	6.19	62	160681	45.273	ug/l	99
43) Isopropyl Acetate	6.45	43	326370	46.970	ug/l	100
44) Trichloroethene	7.21	130	1746580	757.487	ug/l	98
45) 1,2-Dichloropropane	7.51	63	129250	45.741	ug/l	99
46) Dibromomethane	7.66	93	74053	45.186	ug/l	99
47) Bromodichloromethane	7.90	83	150538	48.717	ug/l	99
48) Methyl methacrylate	7.77	41	165333	47.038	ug/l	98
49) 1,4-Dioxane	7.74	88	54052	820.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1105745	247.206	ug/l	100
52) Toluene	8.79	92	273021	46.778	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164659	47.571	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	179925	45.492	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	108120	46.150	ug/l	98
56) Ethyl methacrylate	9.18	69	219990	51.898	ug/l	95
57) 1,3-Dichloropropane	9.37	76	197023	46.833	ug/l	100
59) 2-Hexanone	9.49	43	813533	234.032	ug/l	98
60) Dibromochloromethane	9.58	129	109004	49.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113840	46.676	ug/l	98
64) Tetrachloroethene	9.34	164	2074211	1012.756	ug/l	99
65) Chlorobenzene	10.14	112	287480	46.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100450	46.727	ug/l	99
67) Ethyl Benzene	10.25	91	526669	46.093	ug/l	98
68) m/p-Xylenes	10.36	106	377503	91.888	ug/l	99
69) o-Xylene	10.69	106	185466	46.583	ug/l	99
70) Styrene	10.71	104	325693	47.457	ug/l	100
71) Bromoform	10.85	173	81612	49.708	ug/l #	99
73) Isopropylbenzene	11.02	105	489028	45.763	ug/l	100
74) N-amyl acetate	10.90	43	296139	47.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	188658	46.421	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158946m	44.871	ug/l	
77) Bromobenzene	11.26	156	120060	46.735	ug/l	99
78) n-propylbenzene	11.36	91	566350	45.517	ug/l	100
79) 2-Chlorotoluene	11.42	91	340111	45.169	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	410095	45.718	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56190	43.726	ug/l	98
82) 4-Chlorotoluene	11.51	91	395082	45.329	ug/l	99
83) tert-Butylbenzene	11.77	119	406075	47.054	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	416139	45.816	ug/l	100
85) sec-Butylbenzene	11.94	105	482084	47.029	ug/l	98
86) p-Isopropyltoluene	12.06	119	421791	45.844	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	211243	45.932	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	210040	45.102	ug/l	100
89) n-Butylbenzene	12.38	91	393861	45.647	ug/l	99
90) Hexachloroethane	12.60	117	73156	47.940	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	209251	45.826	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40065	44.814	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	144974	45.663	ug/l	96

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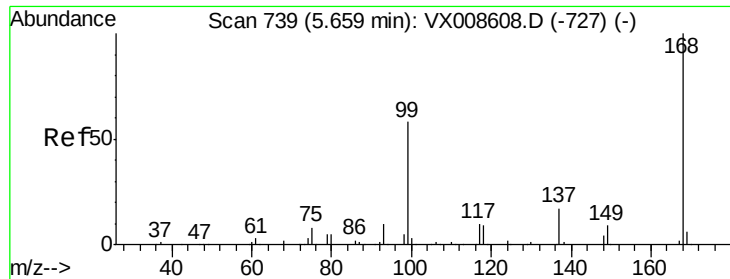
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66965	43.980	ug/l	100
95) Naphthalene	13.83	128	494551	46.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	144218	45.464	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion:168 Resp: 177613

Ion Ratio Lower Upper

168 100

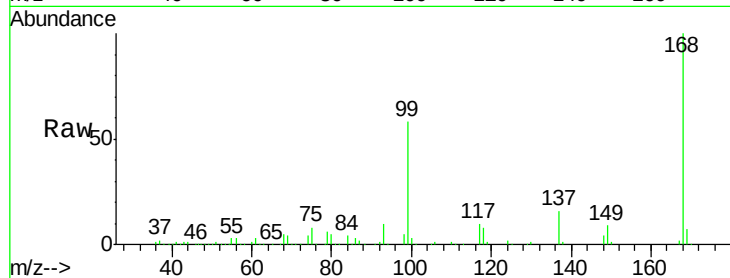
99 57.7 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

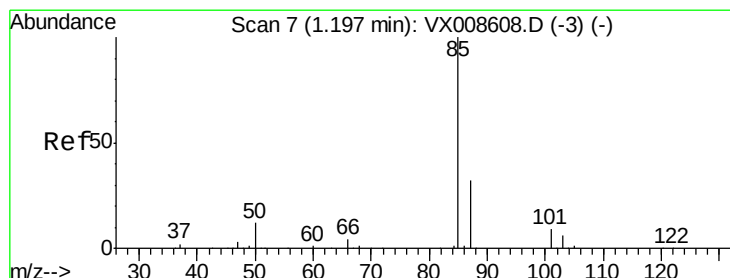
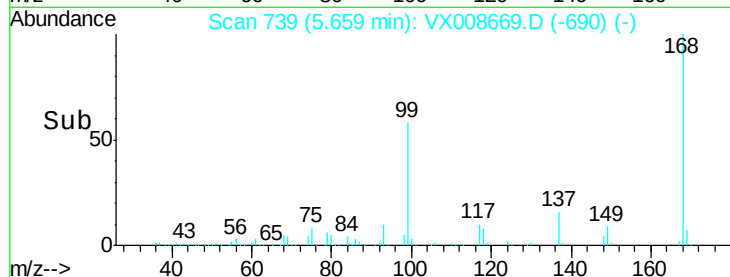
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.752 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008669.D

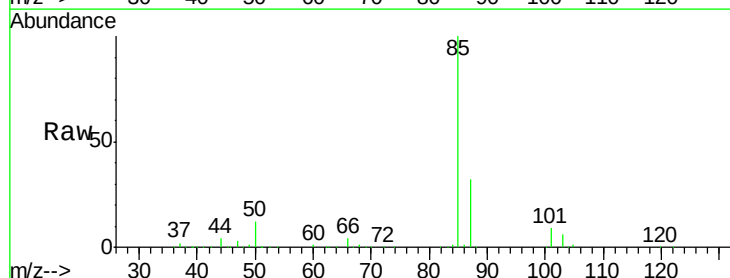
Acq: 05 Apr 2019 04:55

Tgt Ion: 85 Resp: 91495

Ion Ratio Lower Upper

85 100

87 31.9 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

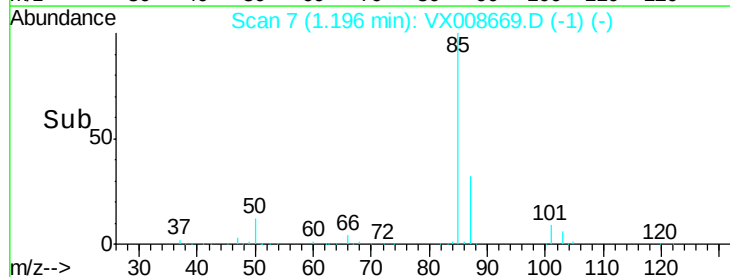
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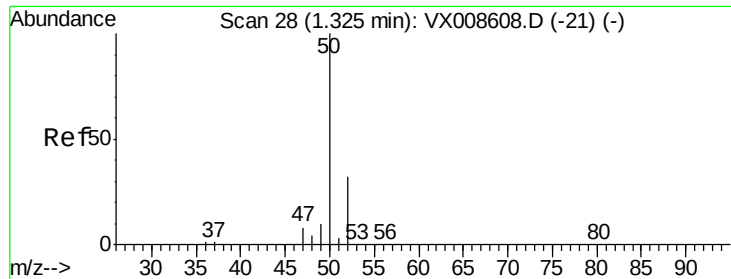
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.765 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 50 Resp: 122289

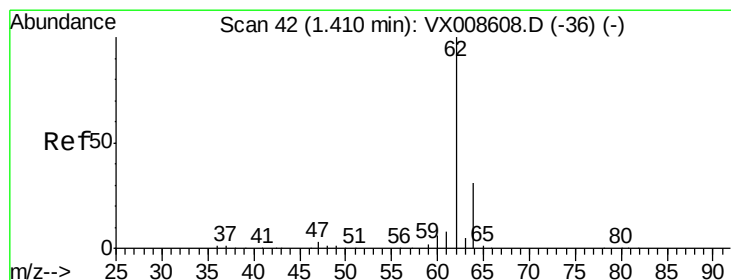
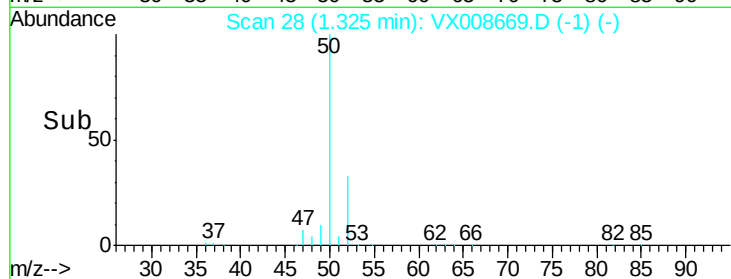
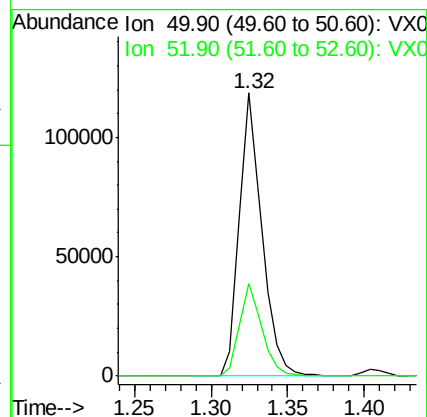
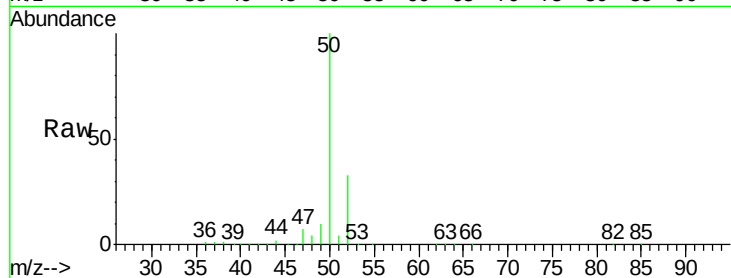
Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.8

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#4

Vinyl Chloride

Concen: 200.996 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008669.D

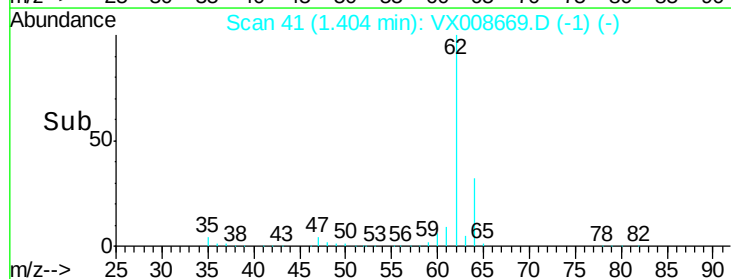
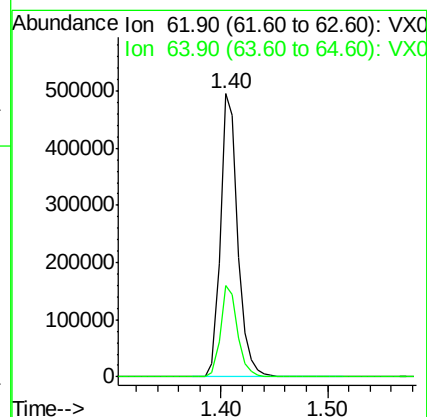
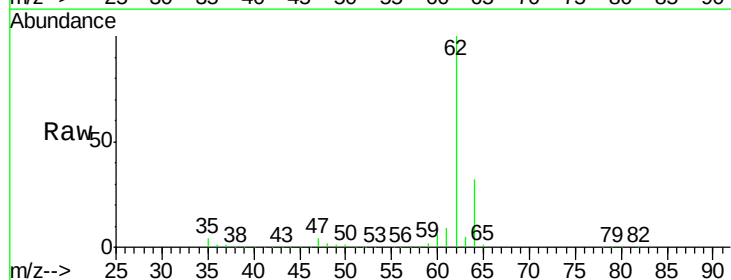
Acq: 05 Apr 2019 04:55

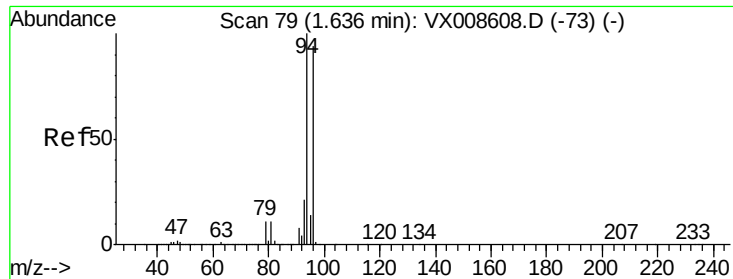
Tgt Ion: 62 Resp: 555503

Ion Ratio Lower Upper

62 100

64 32.3 24.7 37.1





#5

Bromomethane

Concen: 45.289 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 94 Resp: 61408

Ion Ratio Lower Upper

94 100

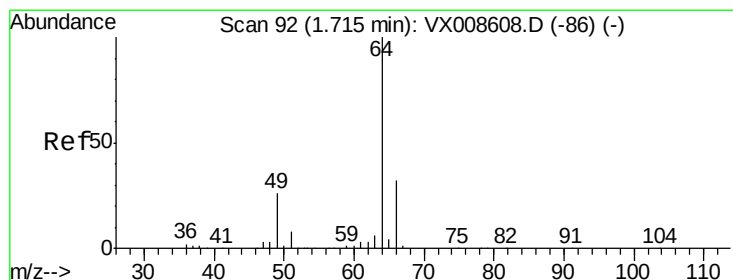
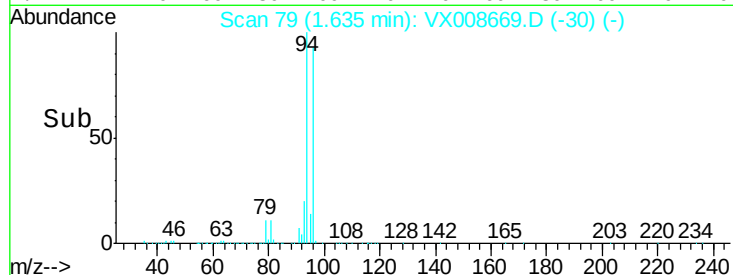
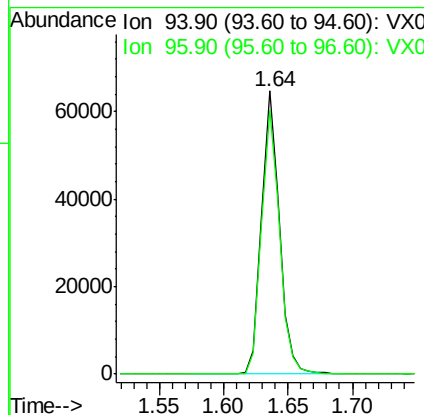
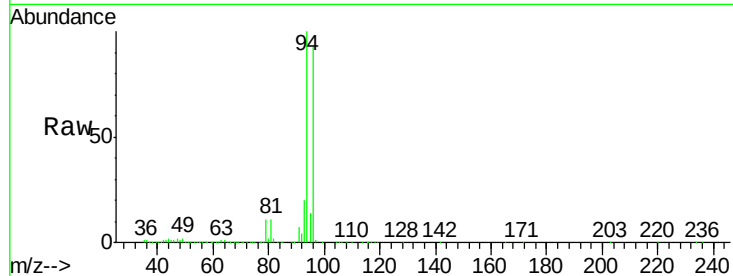
96 93.4 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 50.426 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008669.D

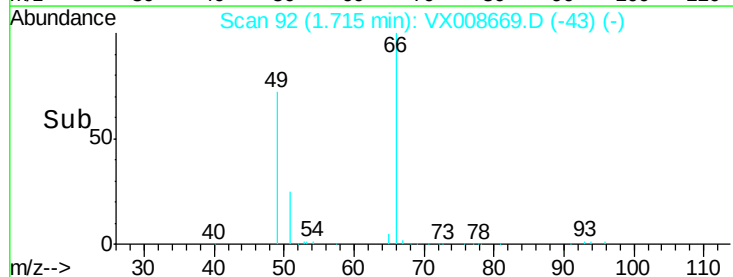
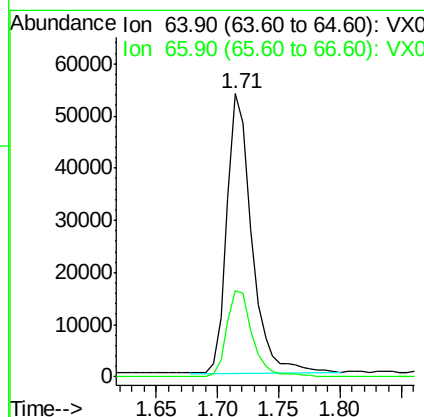
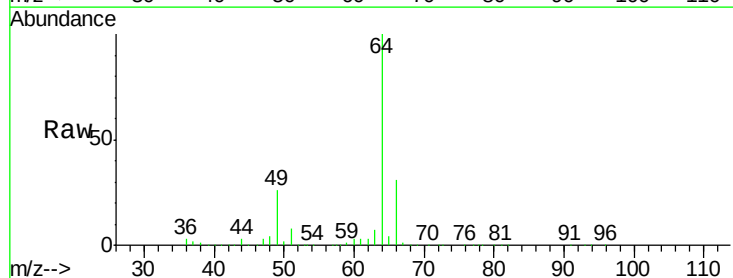
Acq: 05 Apr 2019 04:55

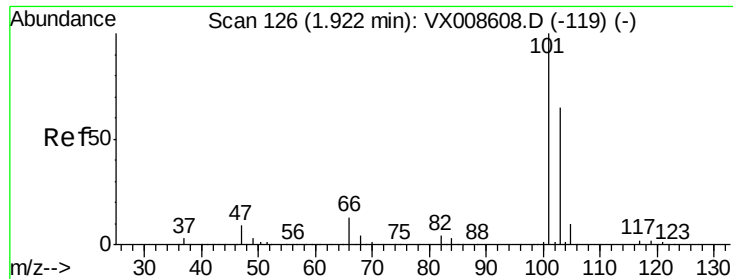
Tgt Ion: 64 Resp: 76072

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.0





#7

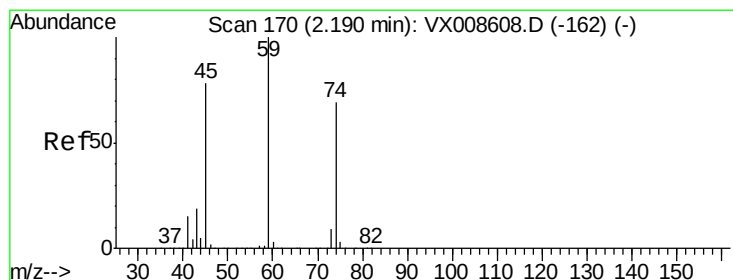
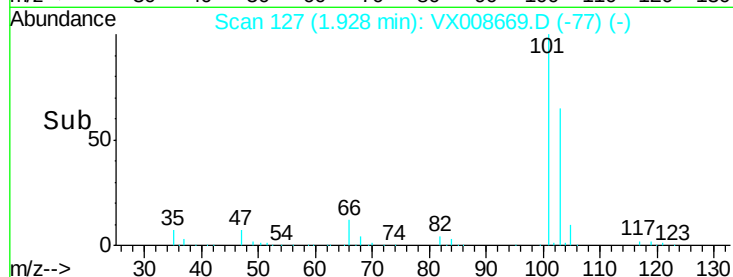
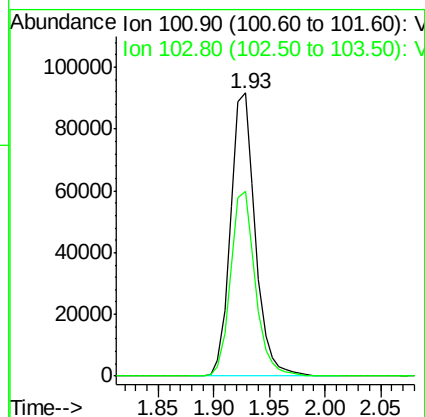
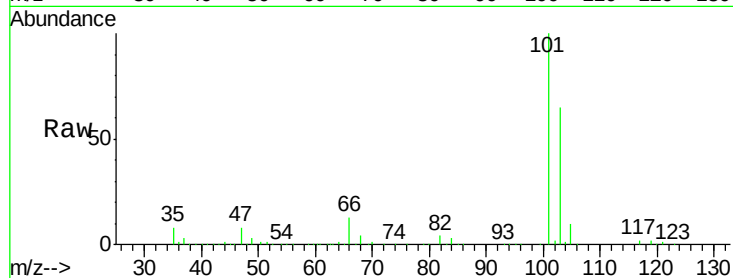
Trichlorofluoromethane
Concen: 45.974 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion:101 Resp: 140454
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

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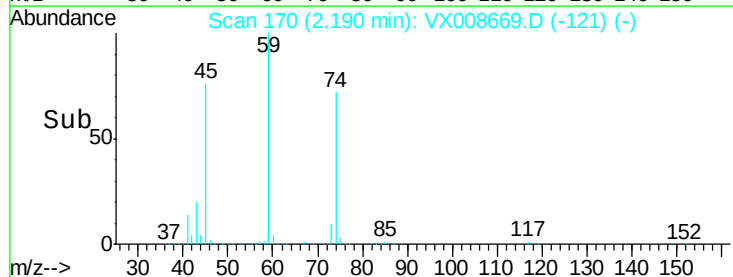
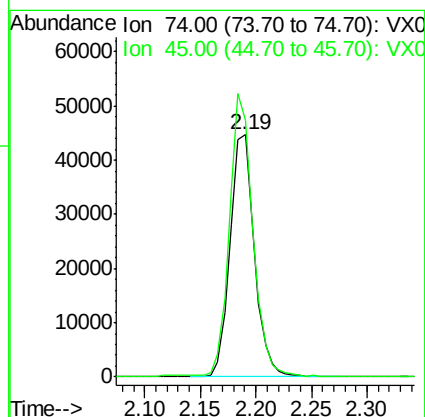
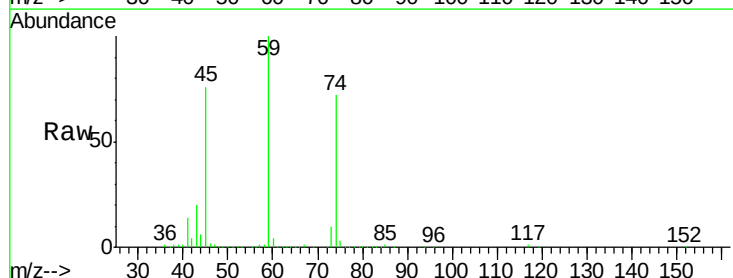
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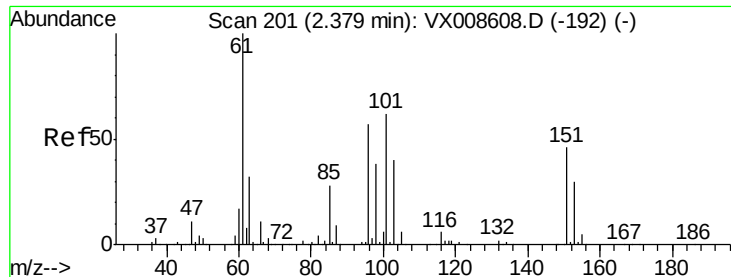


#8

Diethyl Ether
Concen: 46.837 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 74 Resp: 67858
Ion Ratio Lower Upper
74 100
45 112.2 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.614 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

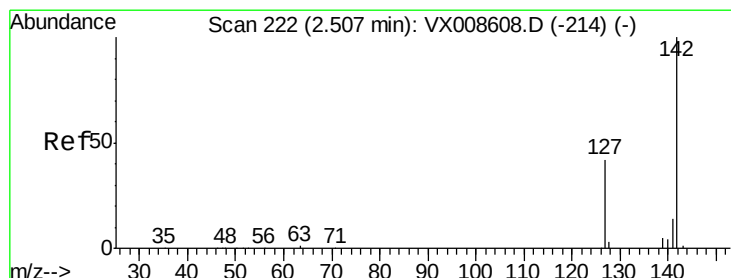
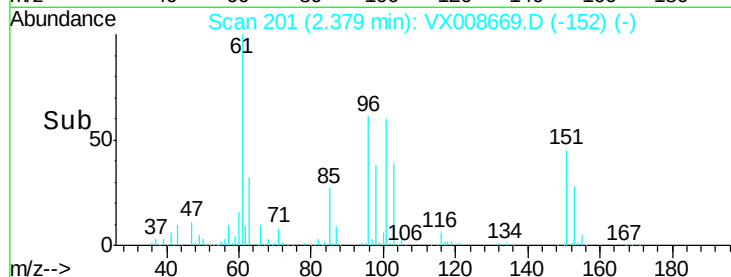
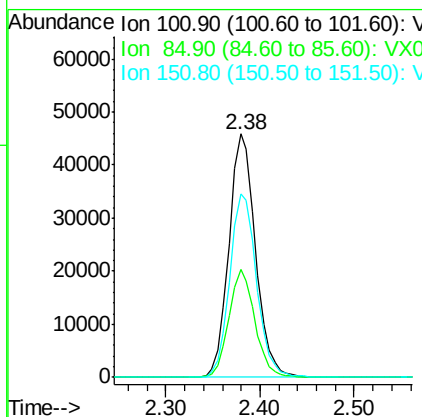
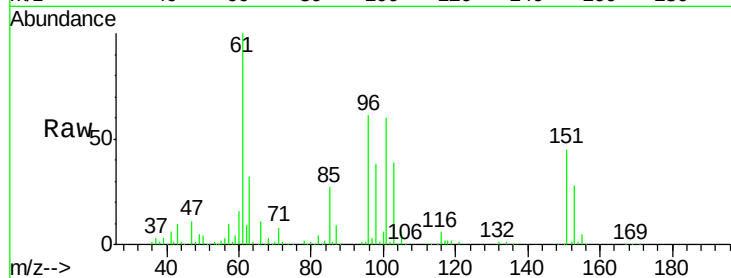
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	101	Resp:	89722
Ion Ratio	Lower	Upper	
101	100		
85	43.4	36.0	54.0
151	76.2	59.9	89.9

Manual Integrations
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4/5/2019 10:53:33 AM



#10

Methyl Iodide

Concen: 43.812 ug/l

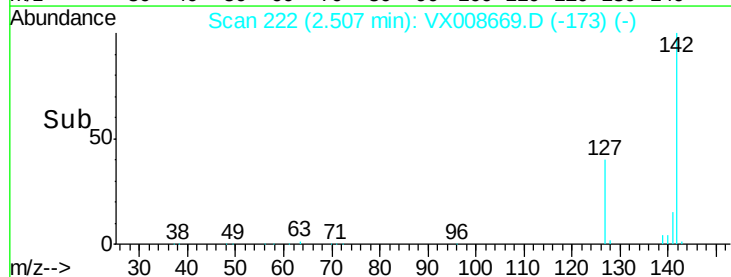
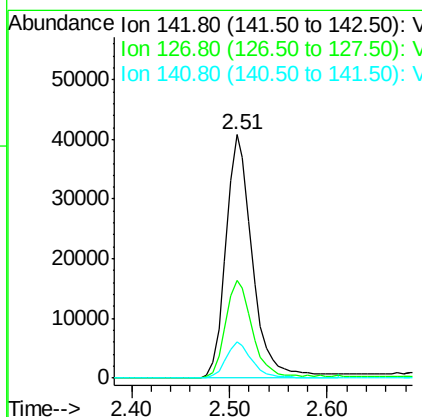
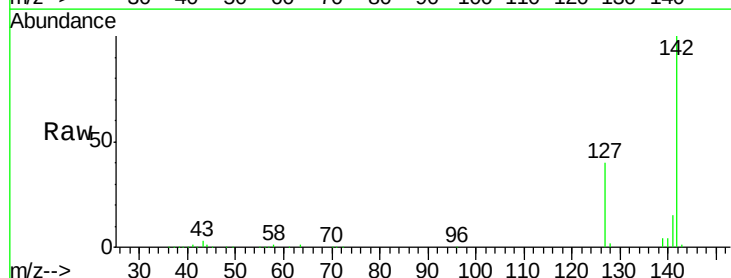
RT: 2.51 min Scan# 222

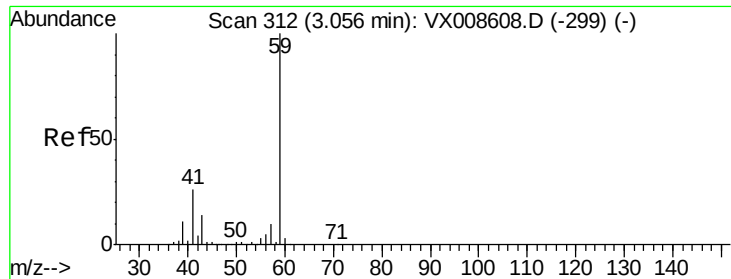
Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	142	Resp:	77521
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.0	49.6
141	14.6	11.4	17.2





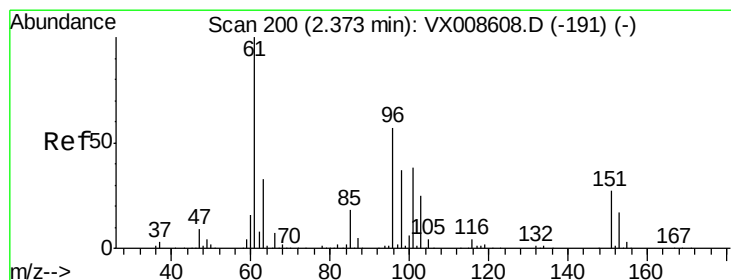
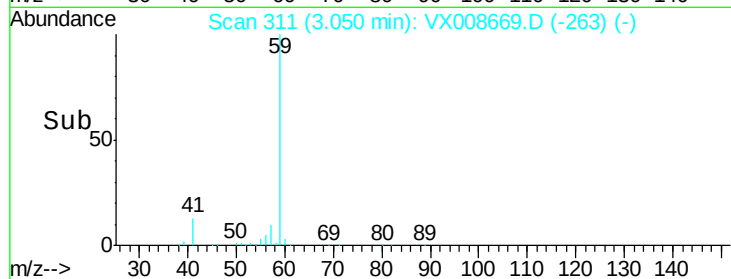
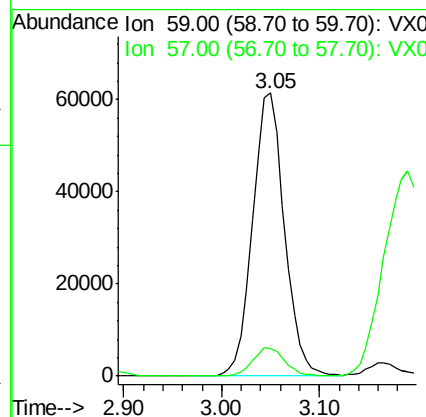
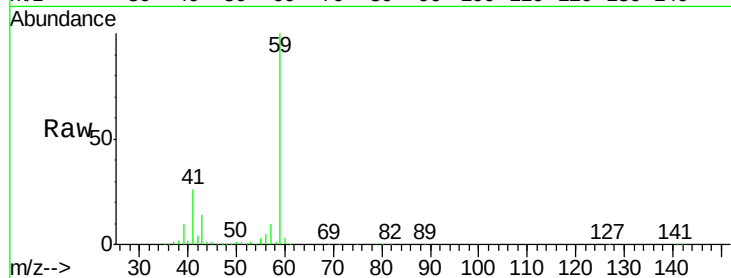
#11
Tert butyl alcohol
Concen: 228.743 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion: 59 Resp: 138730
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

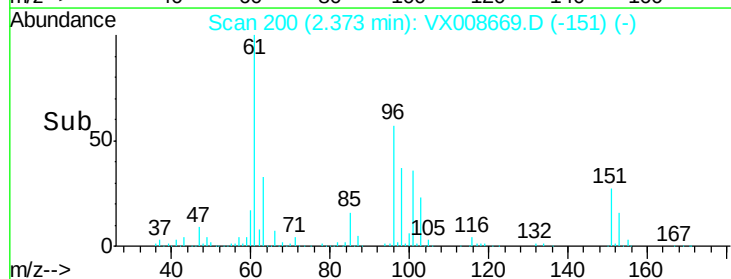
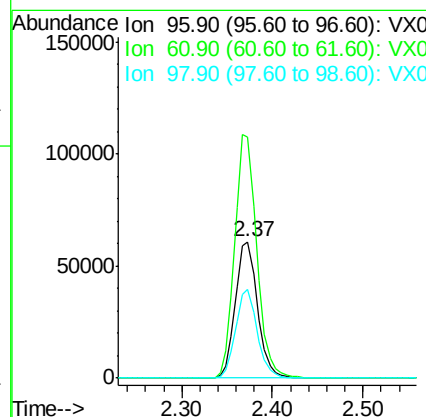
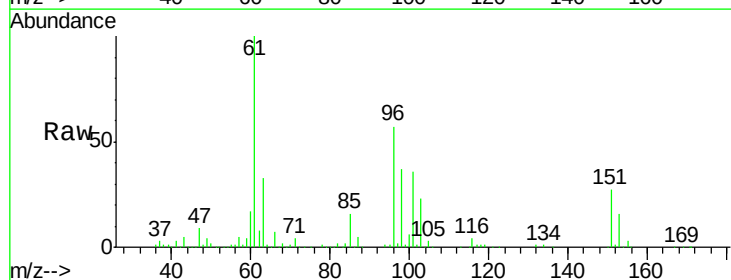
Manual Integrations
APPROVED

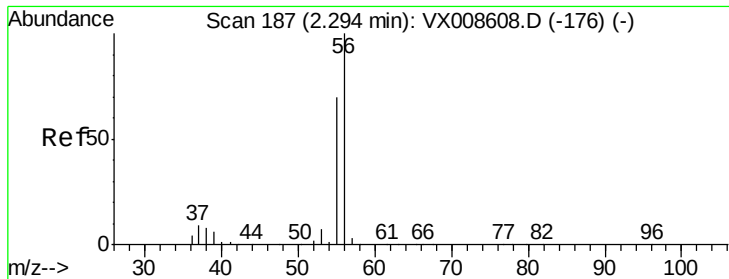
MMDadoda
4/5/2019 10:53:33 AM



#12
1,1-Dichloroethene
Concen: 50.450 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 96 Resp: 103592
Ion Ratio Lower Upper
96 100
61 176.8 140.9 211.3
98 65.4 52.1 78.1





#13

Acrolein

Concen: 177.921 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 56 Resp: 53506

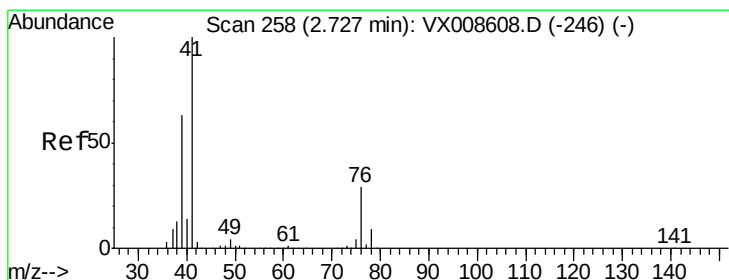
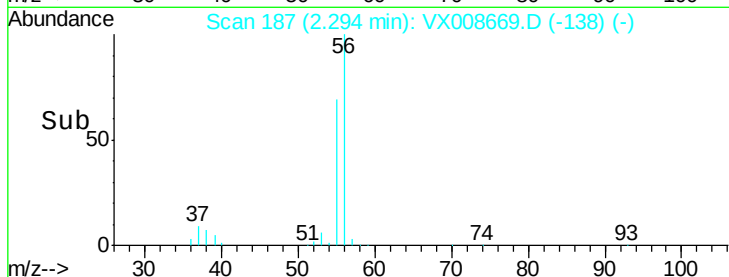
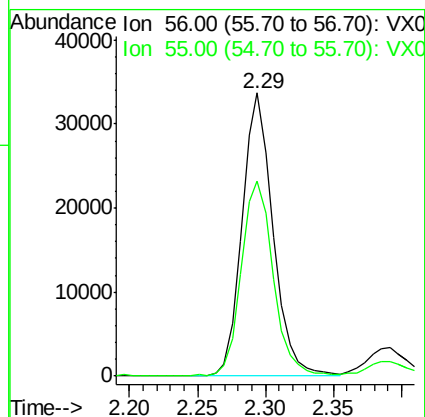
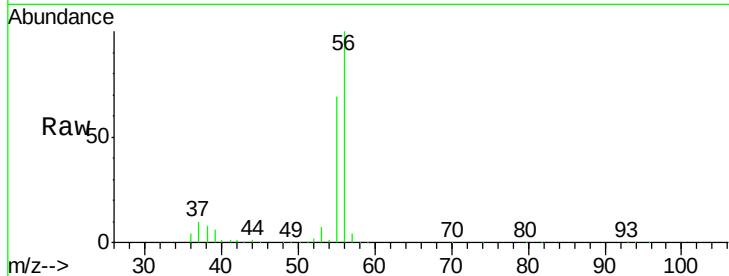
Ion Ratio Lower Upper

56 100

55 71.4 58.0 87.0

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM



#14

Allyl chloride

Concen: 44.931 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

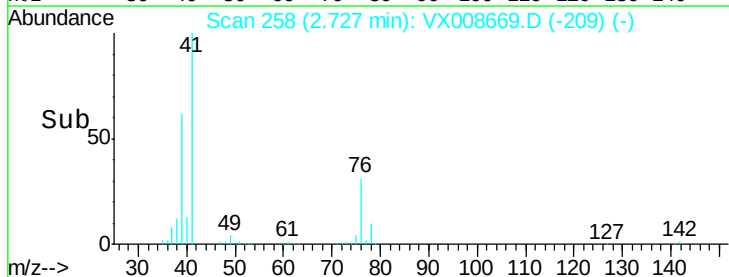
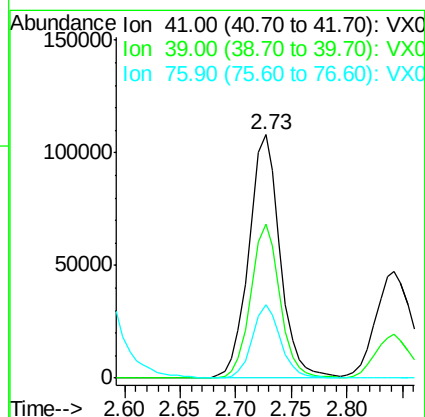
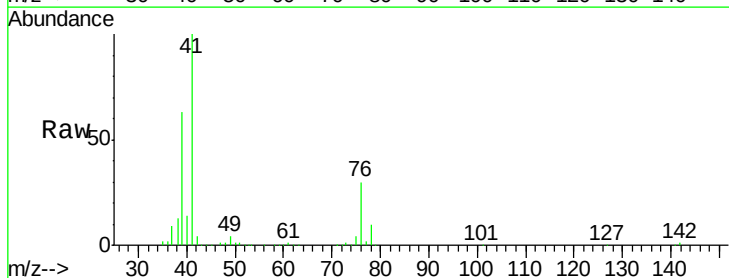
Tgt Ion: 41 Resp: 211204

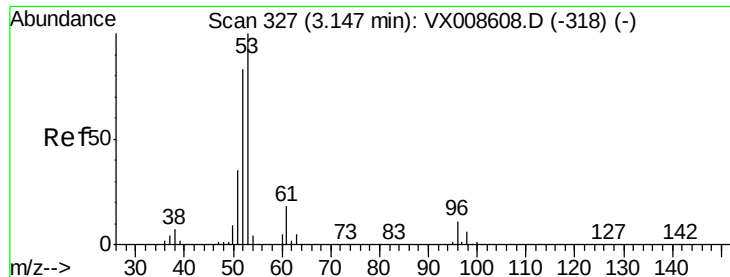
Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 236.549 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

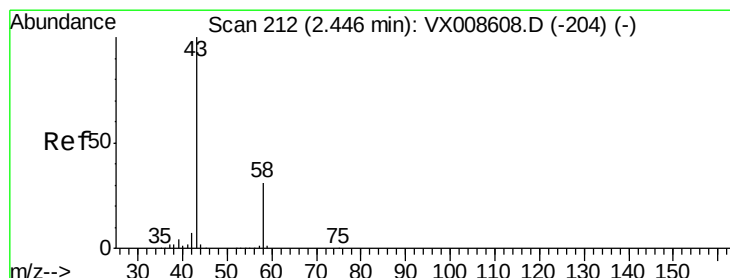
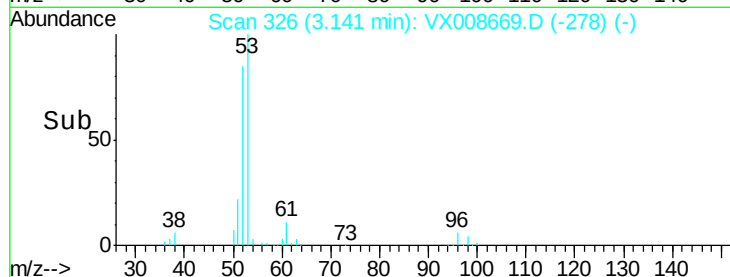
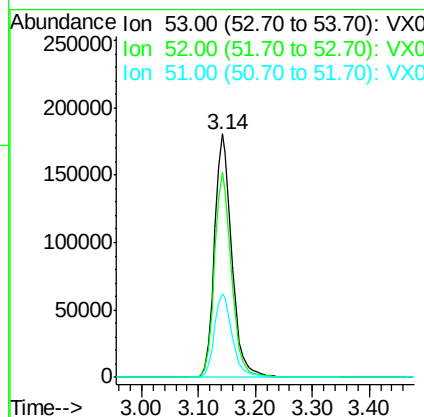
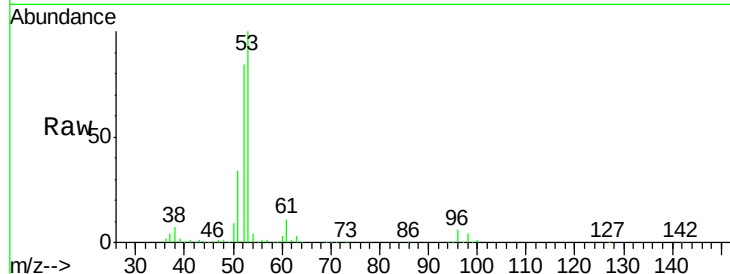
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	53	Resp:	380062
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.5	28.6	42.8

Manual Integrations
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MMDadoda
4/5/2019 10:53:33 AM



#16

Acetone

Concen: 211.749 ug/l

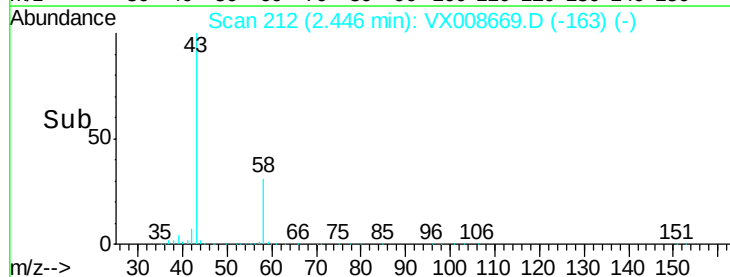
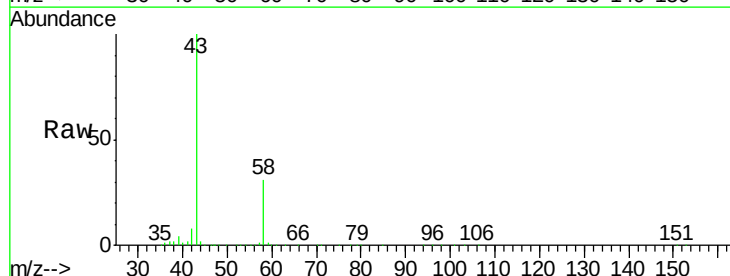
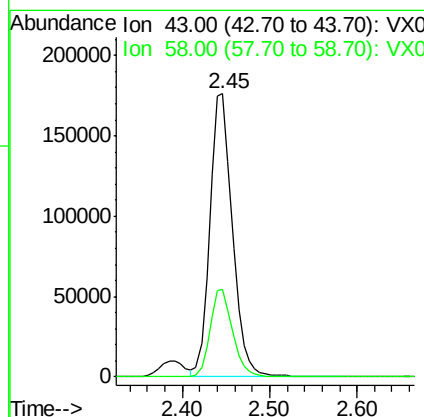
RT: 2.45 min Scan# 212

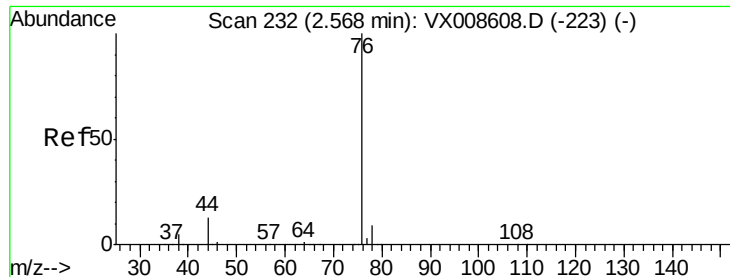
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	43	Resp:	315951
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.8	37.2





#17

Carbon Disulfide

Concen: 47.256 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 76 Resp: 280444

Ion Ratio Lower Upper

76 100

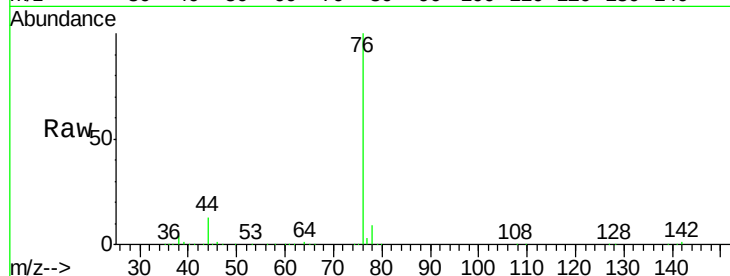
78 8.7 7.1 10.7

Manual Integrations

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4/5/2019 10:53:33 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

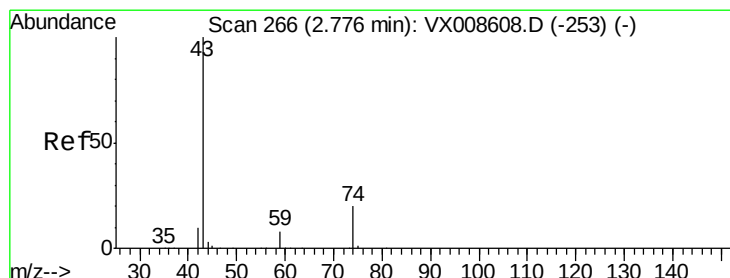
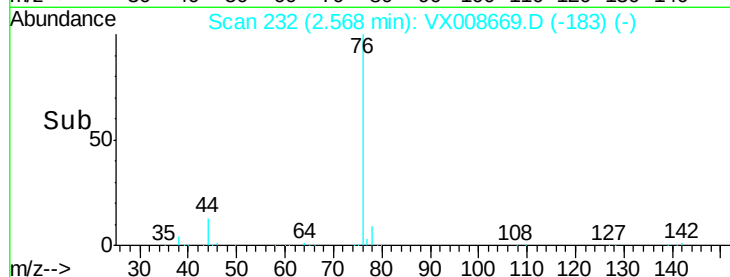
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.081 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008669.D

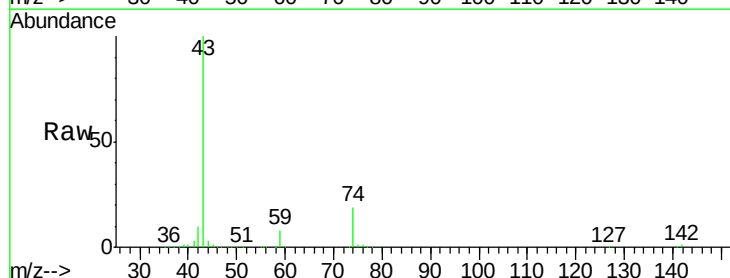
Acq: 05 Apr 2019 04:55

Tgt Ion: 43 Resp: 170375

Ion Ratio Lower Upper

43 100

74 20.5 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

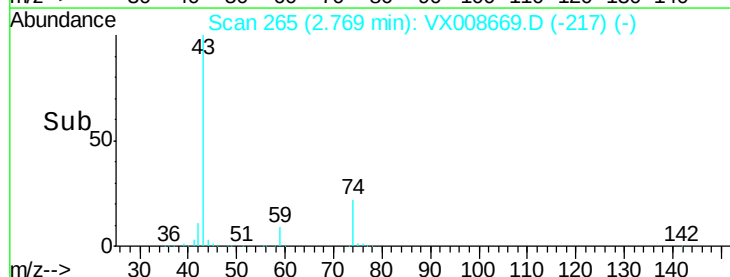
2.77

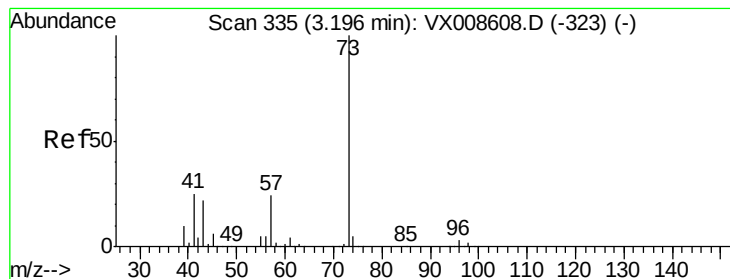
100000

50000

0

Time-->





#19

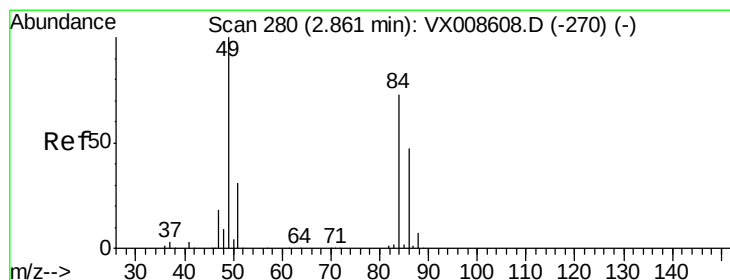
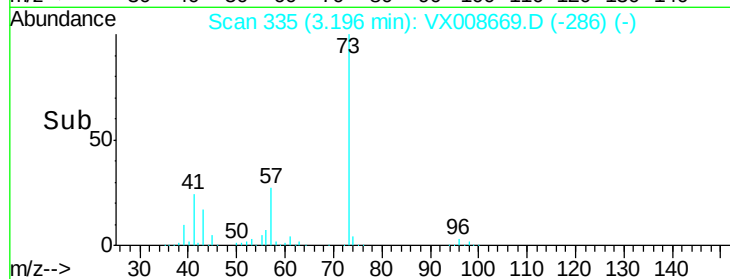
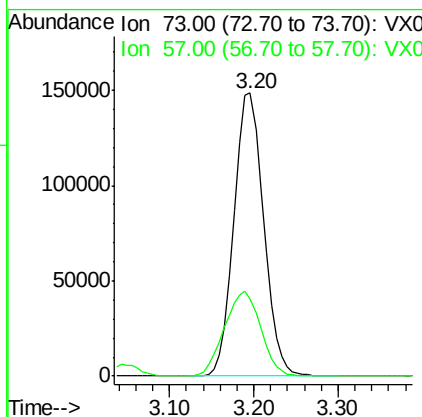
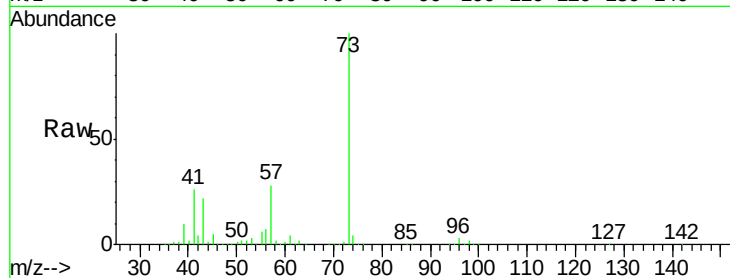
Methyl tert-butyl Ether
 Concen: 48.365 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	27.5	19.5	29.3

Manual Integrations
 APPROVED

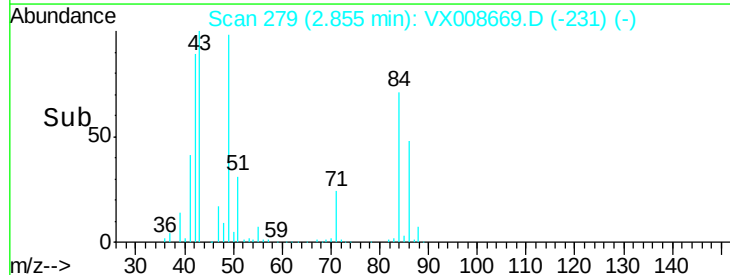
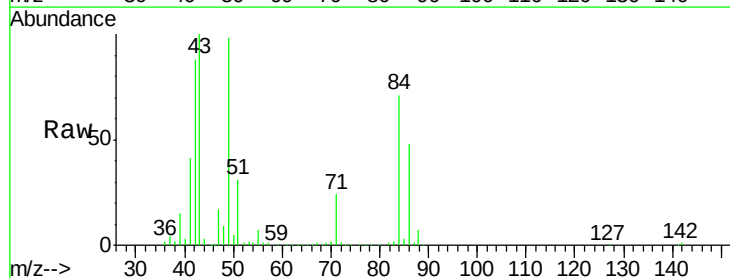
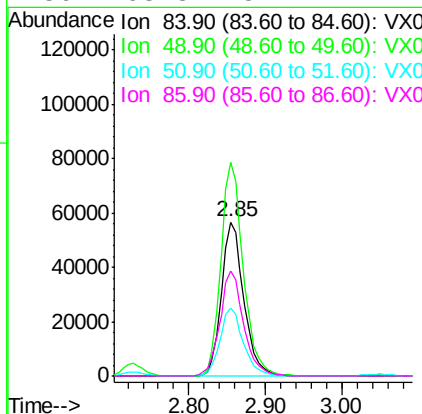
MMDadoda
 4/5/2019 10:53:33 AM

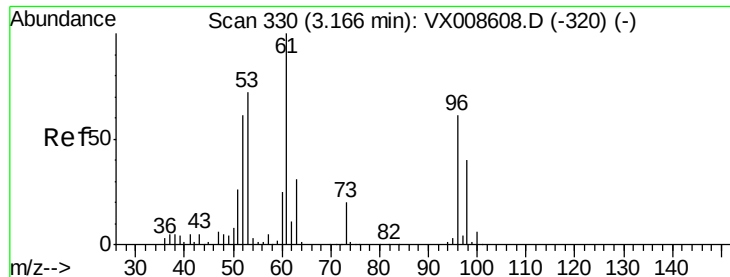


#20

Methylene Chloride
 Concen: 45.636 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.5	109.7	164.5
51	43.9	33.6	50.4
86	68.3	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 50.088 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 96 Resp: 111248

Ion Ratio Lower Upper

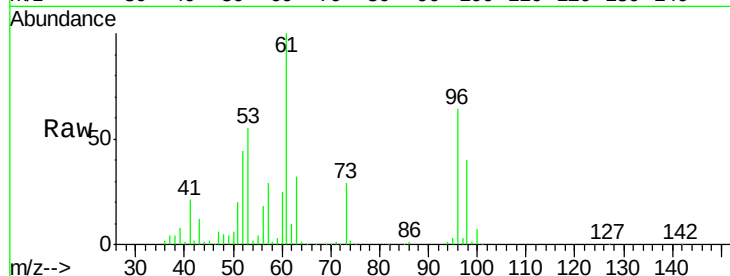
96 100

61 155.2 132.1 198.1

98 61.6 52.2 78.2

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM

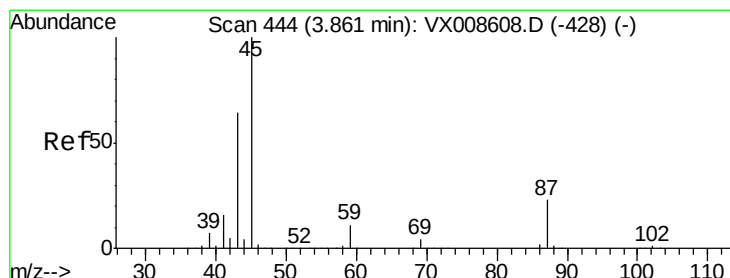
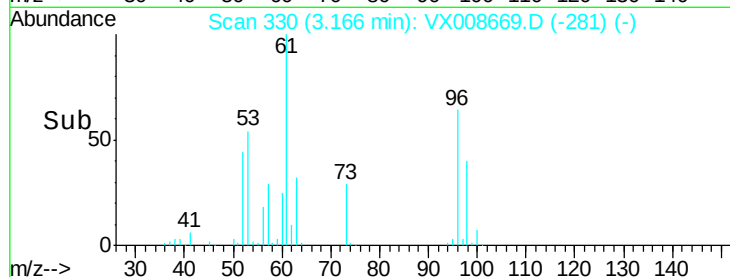
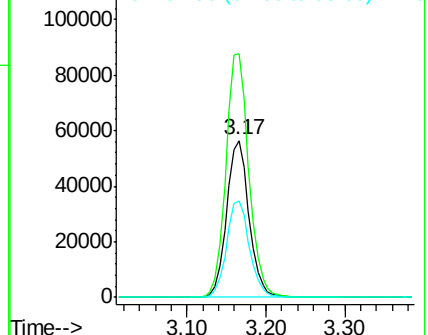


Abundance

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: 47.269 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion: 45 Resp: 428257

Ion Ratio Lower Upper

45 100

43 71.7 51.3 76.9

87 22.5 18.1 27.1

59 10.8 8.6 13.0

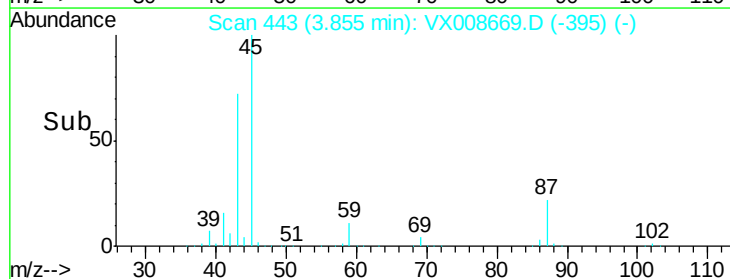
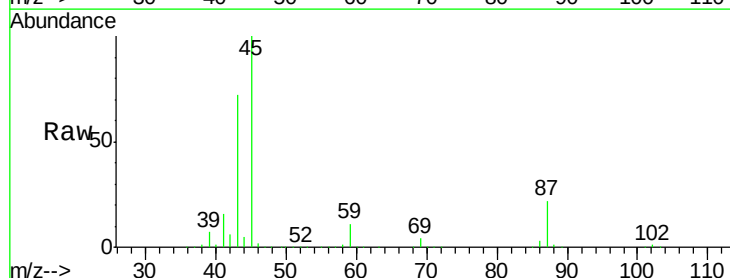
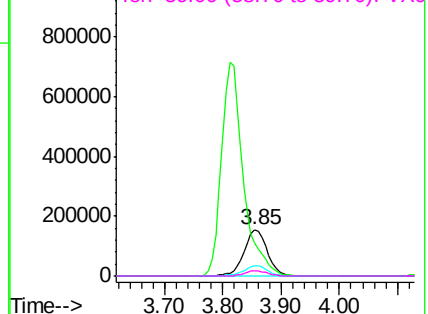
Abundance

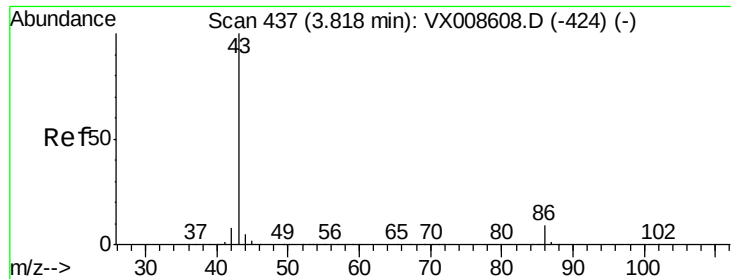
Ion 45.00 (44.70 to 45.70): VX0

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: 236.134 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 43 Resp: 1861134

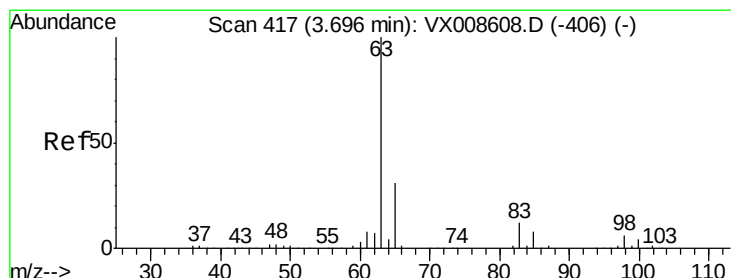
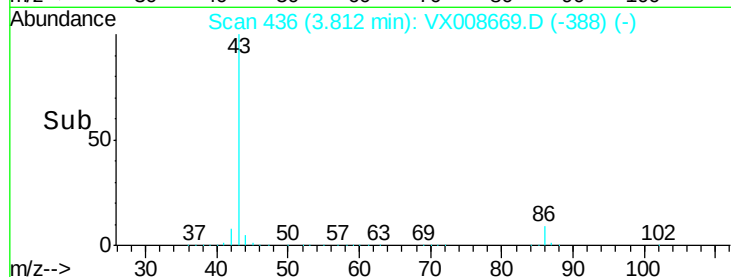
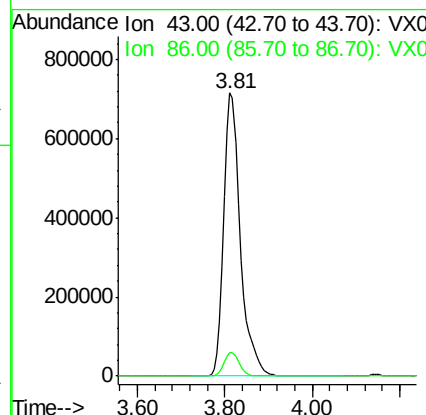
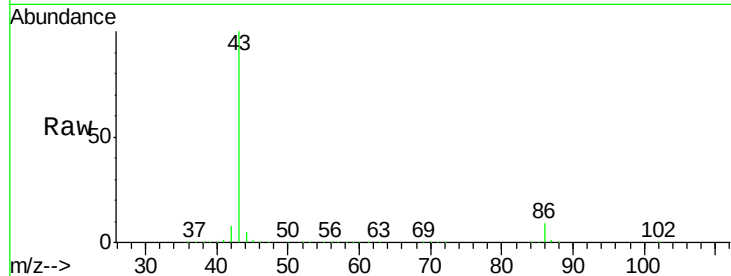
Ion Ratio Lower Upper

43 100

86 8.5 7.0 10.6

Manual Integrations
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4/5/2019 10:53:33 AM



#24

1,1-Dichloroethane

Concen: 48.835 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

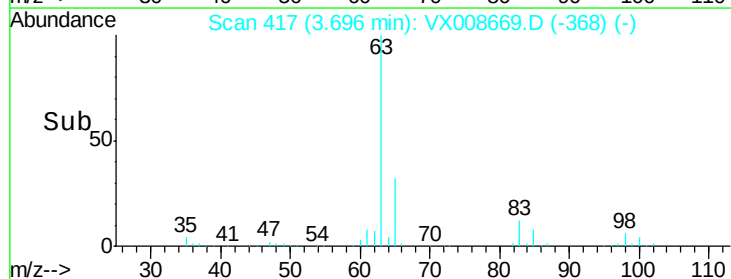
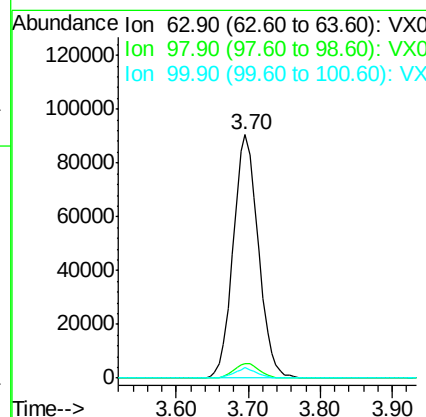
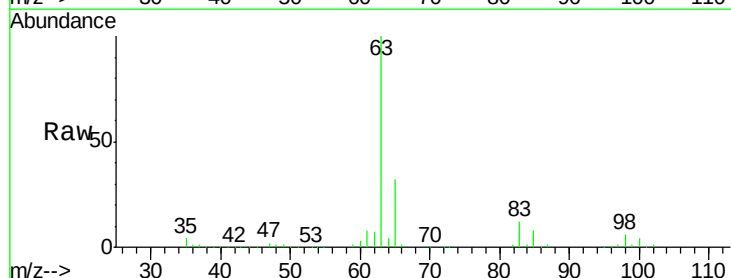
Tgt Ion: 63 Resp: 219063

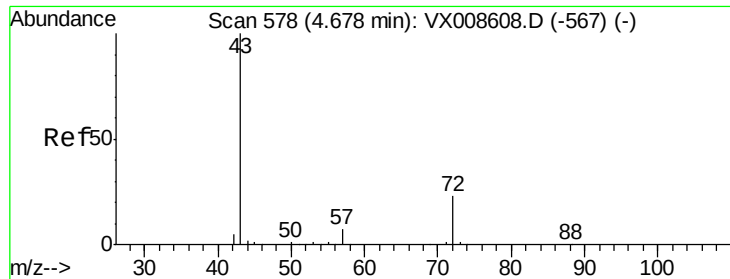
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 225.262 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 43 Resp: 531238

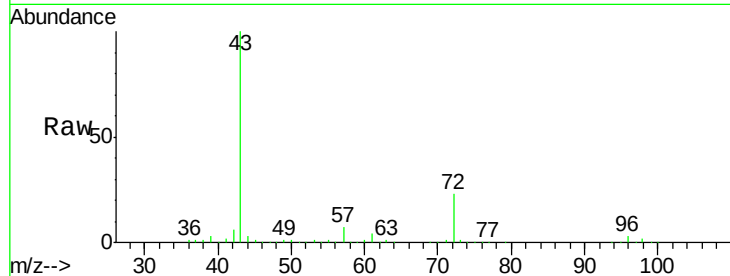
Ion Ratio Lower Upper

43 100

72 23.1 18.2 27.4

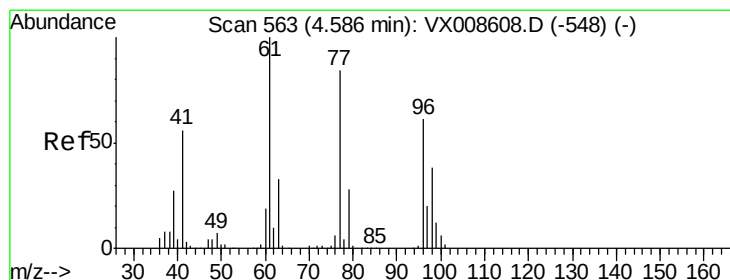
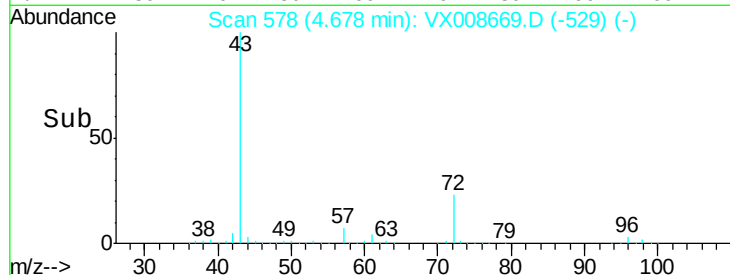
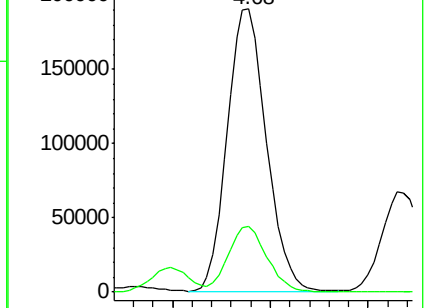
Manual Integrations
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MMDadoda
4/5/2019 10:53:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 34.256 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008669.D

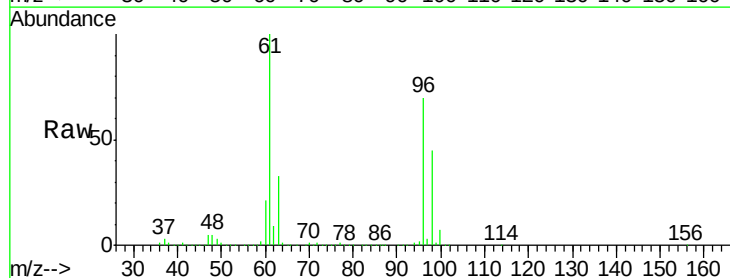
Acq: 05 Apr 2019 04:55

Tgt Ion: 77 Resp: 108227

Ion Ratio Lower Upper

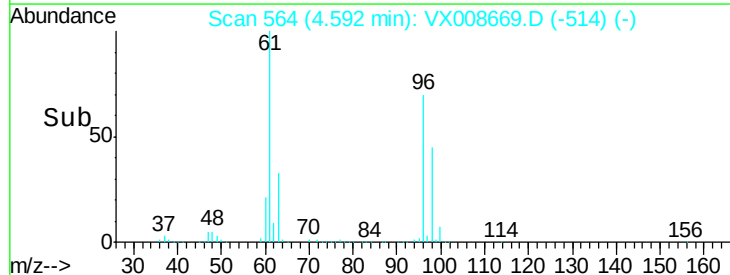
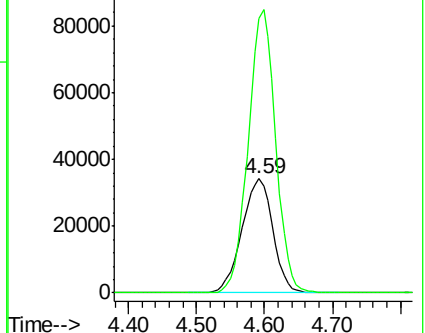
77 100

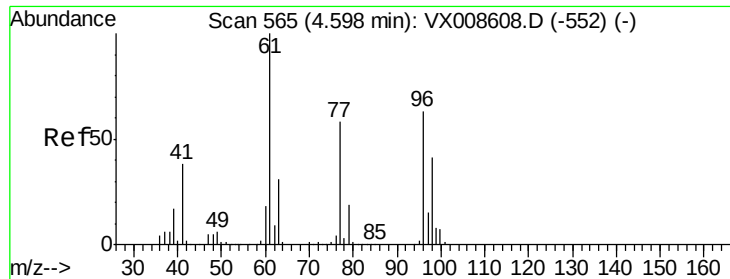
97 220.5 11.5 34.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

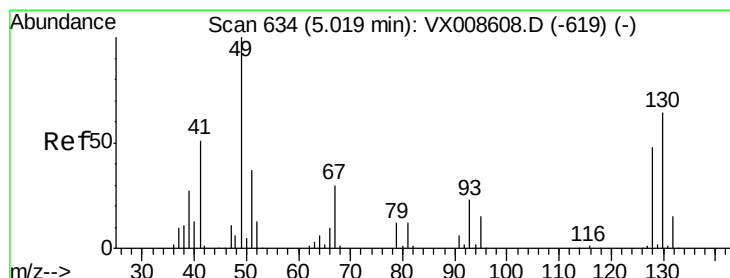
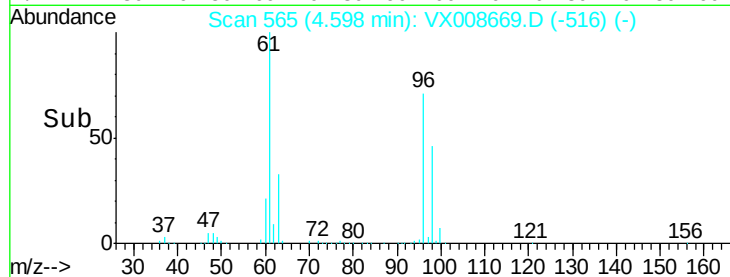
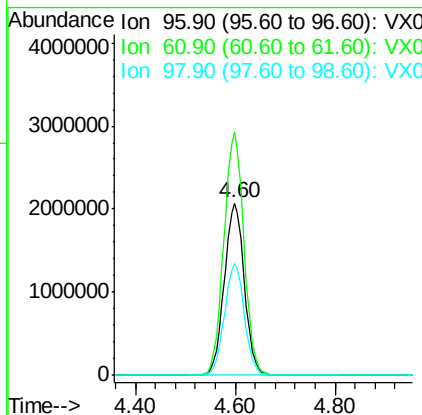
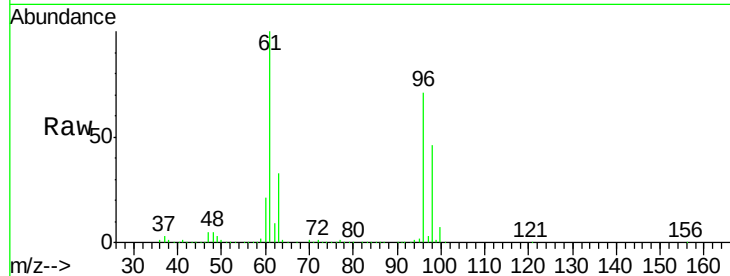
cis-1,2-Dichloroethene
Concen: 2249.770 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	327.6
98	64.7	0.0	128.6

Manual Integrations
APPROVED

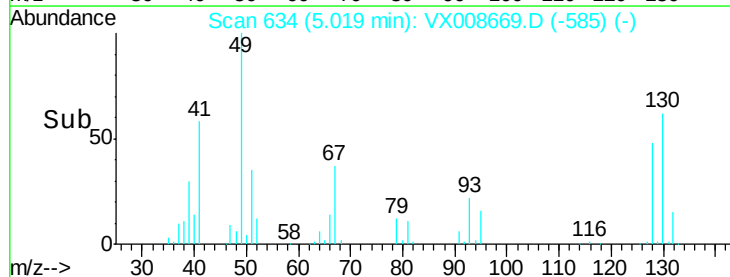
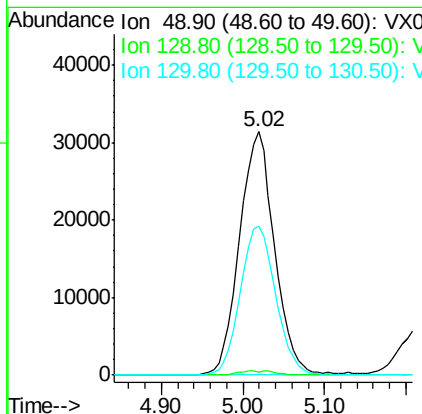
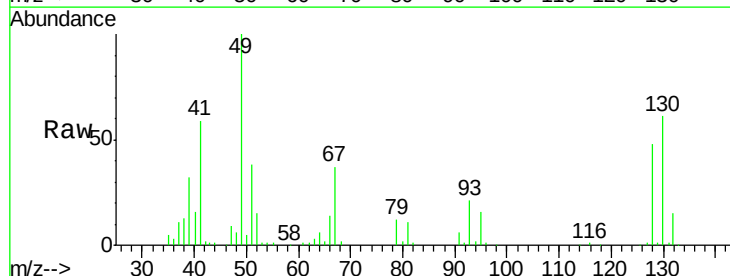
MMDadoda
4/5/2019 10:53:33 AM

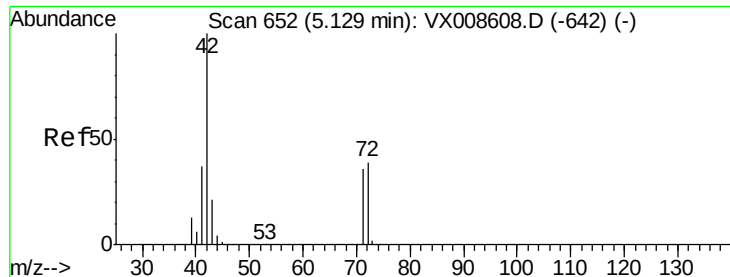


#28

Bromochloromethane
Concen: 49.961 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.6
130	62.1	49.3	73.9





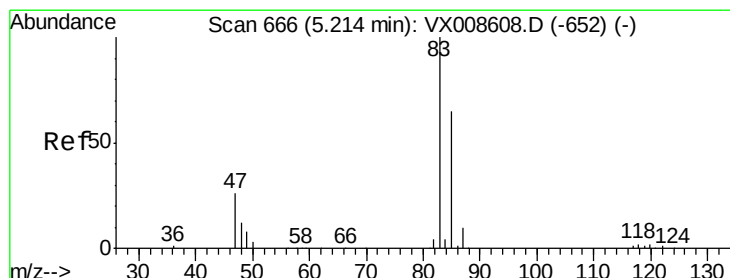
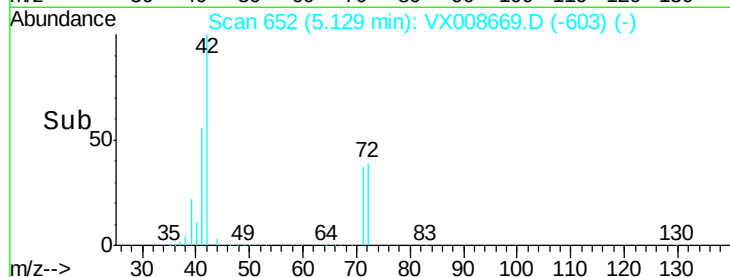
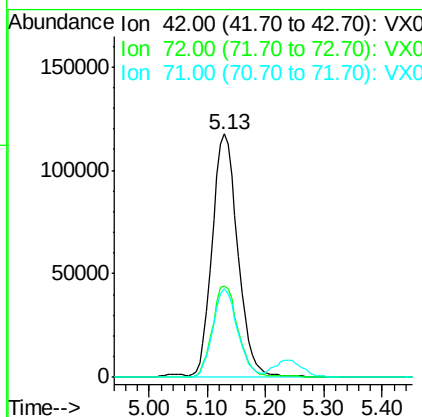
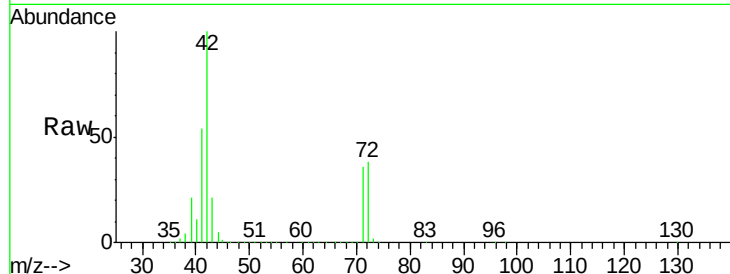
#29
Tetrahydrofuran
Concen: 229.157 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.5	45.7
71	35.2	28.6	43.0

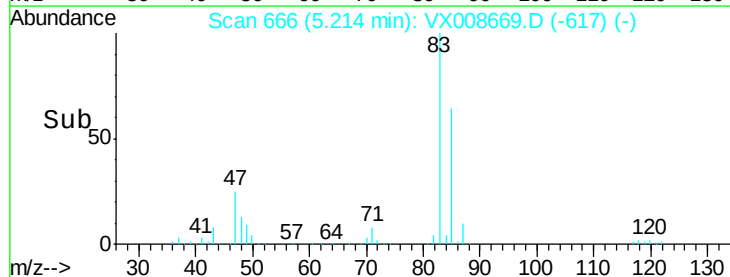
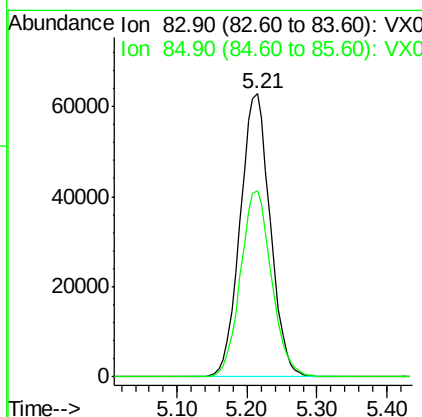
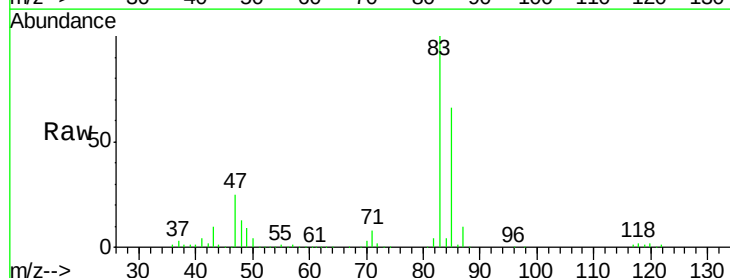
Manual Integrations
APPROVED

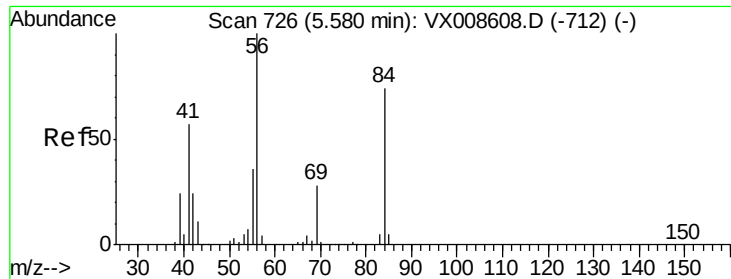
MMDadoda
4/5/2019 10:53:33 AM



#30
Chloroform
Concen: 46.854 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.1	78.1





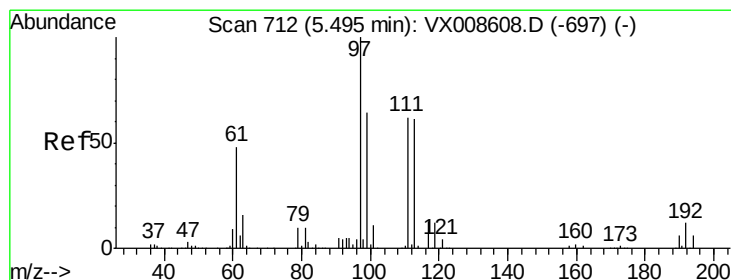
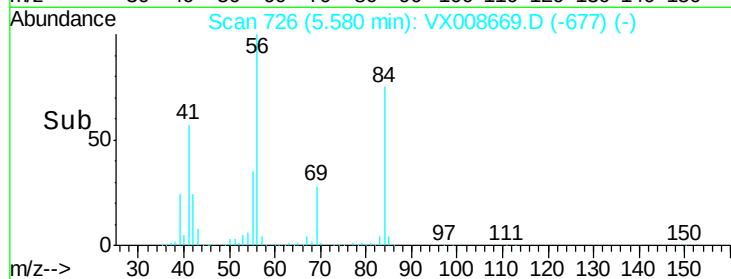
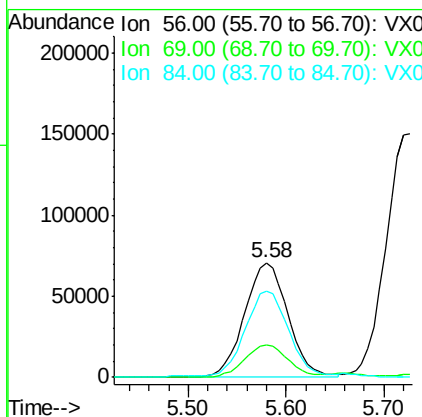
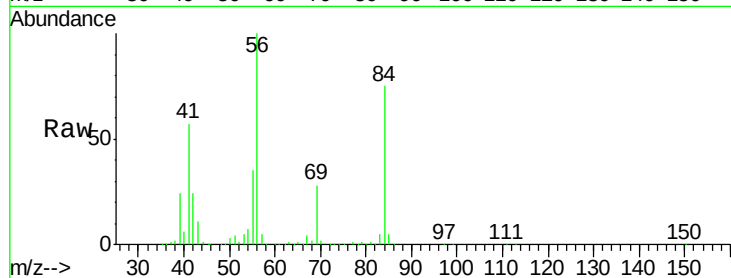
#31
Cyclohexane
Concen: 48.625 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.6	33.8
84	73.8	59.3	88.9

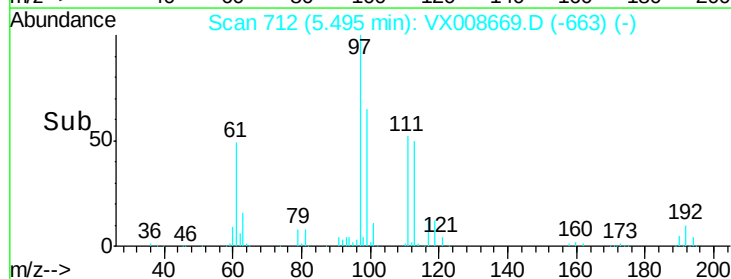
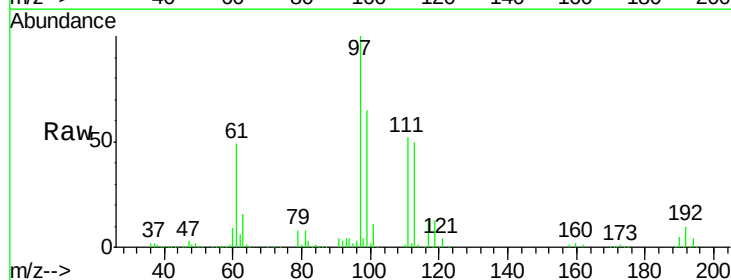
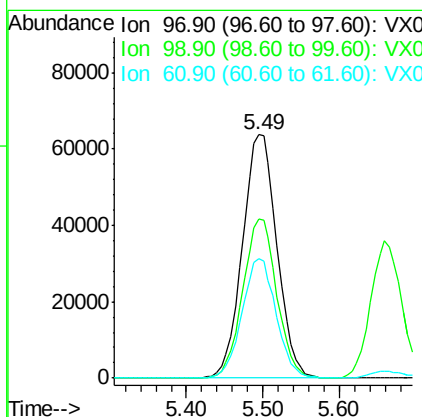
Manual Integrations
APPROVED

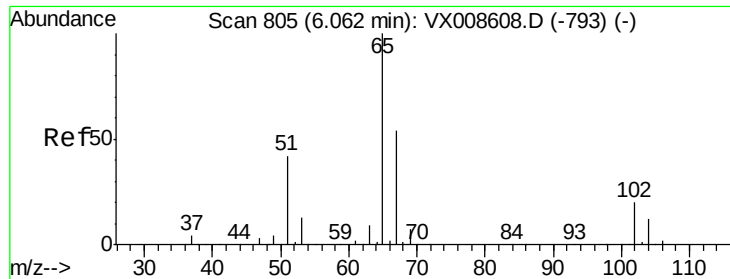
MMDadoda
4/5/2019 10:53:33 AM



#32
1,1,1-Trichloroethane
Concen: 61.761 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	48.0	38.9	58.3





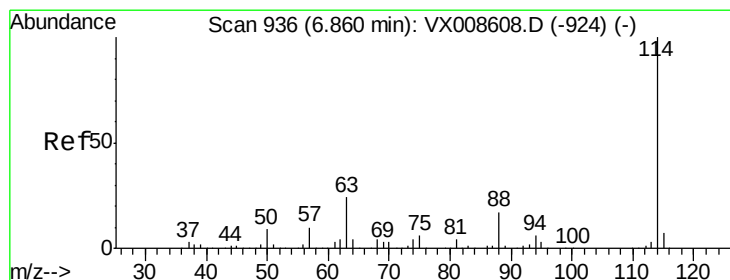
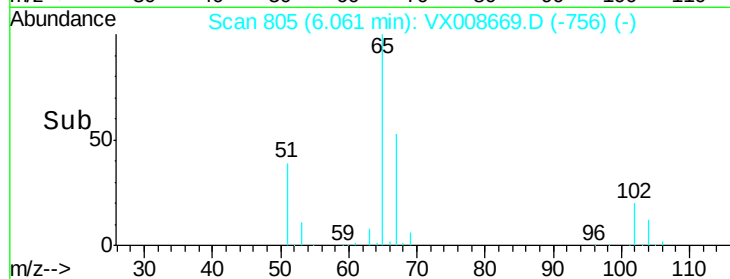
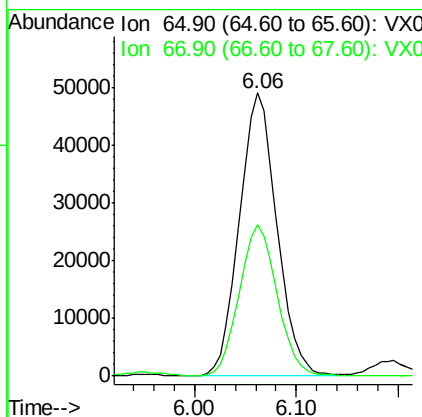
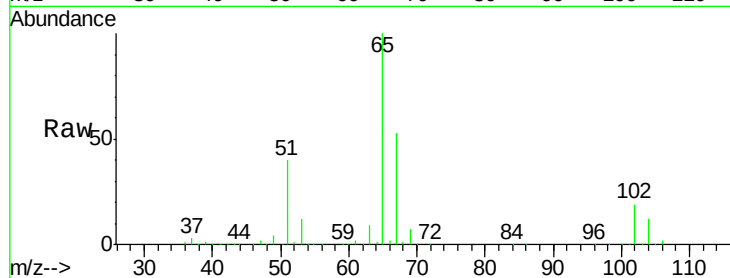
#33
 1,2-Dichloroethane-d4
 Concen: 48.270 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion: 65 Resp: 125048
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2

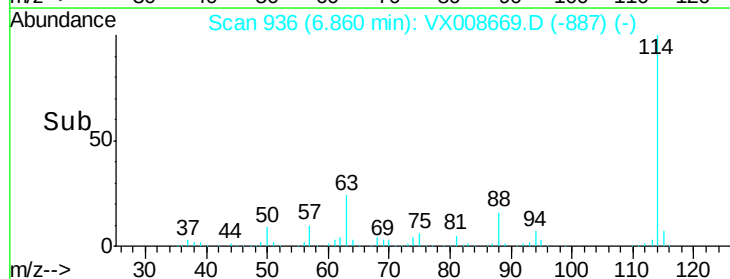
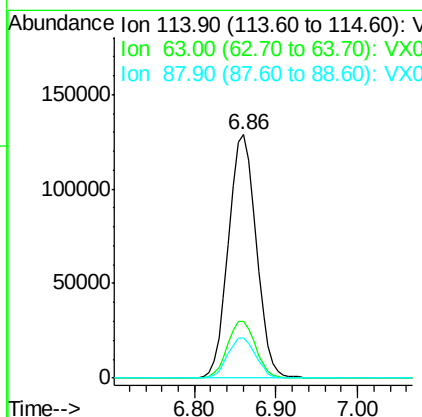
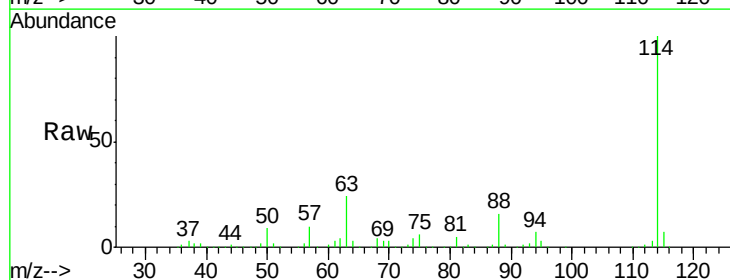
Manual Integrations
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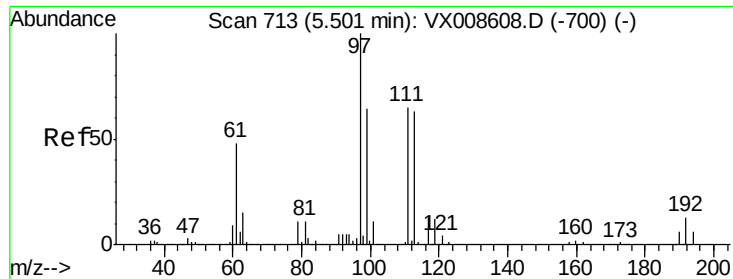
MMDadoda
 4/5/2019 10:53:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 114 Resp: 304007
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 16.4 0.0 34.0





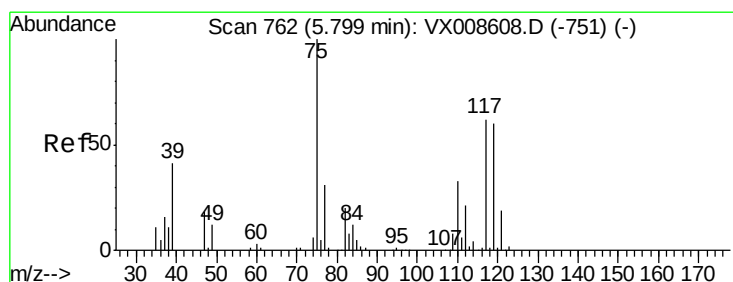
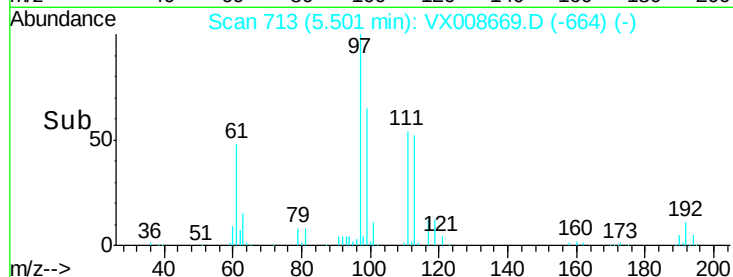
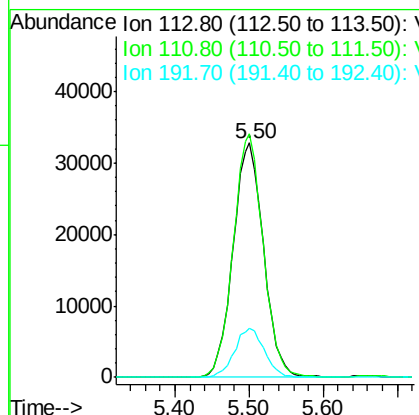
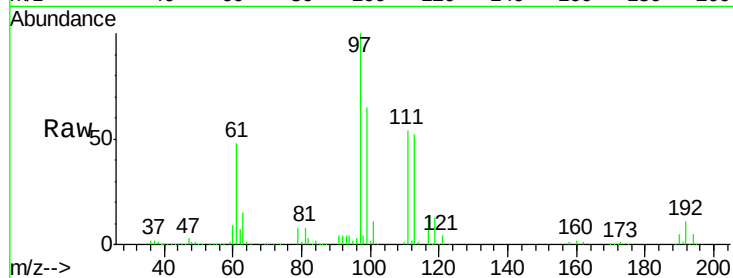
#35
 Dibromofluoromethane
 Concen: 48.410 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	94095		
111	101.7	83.4	125.2	
192	20.3	16.1	24.1	

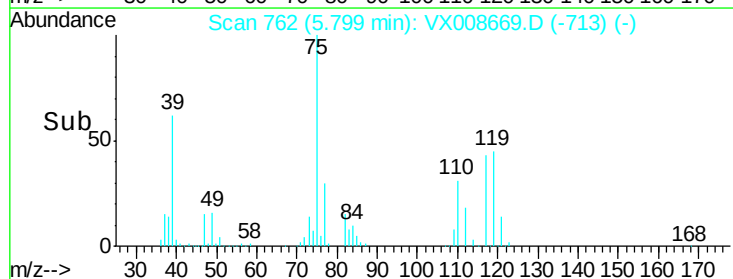
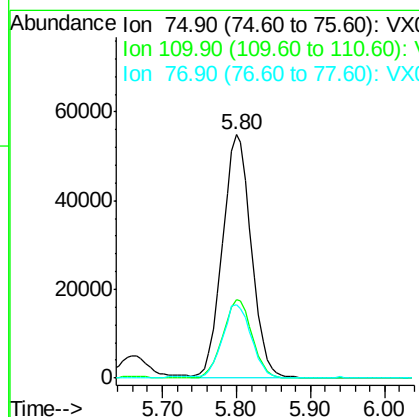
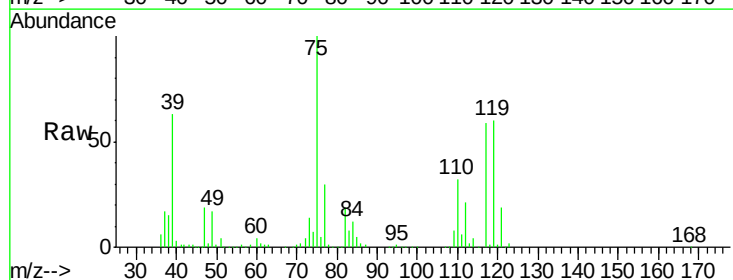
Manual Integrations
 APPROVED

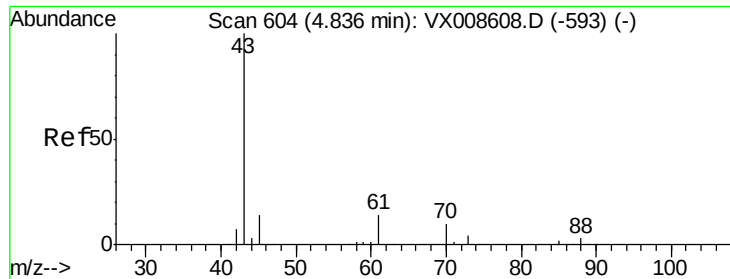
MMDadoda
 4/5/2019 10:53:33 AM



#36
 1,1-Dichloropropene
 Concen: 44.259 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147076		
110	32.8	16.4	49.2	
77	30.7	24.7	37.1	





#37

Ethyl Acetate

Concen: 44.756 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

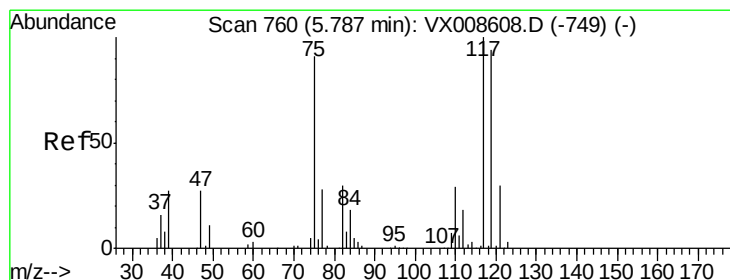
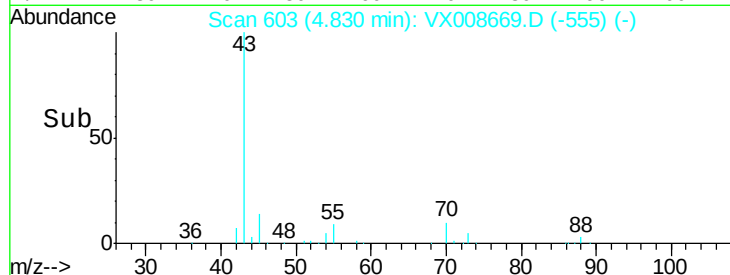
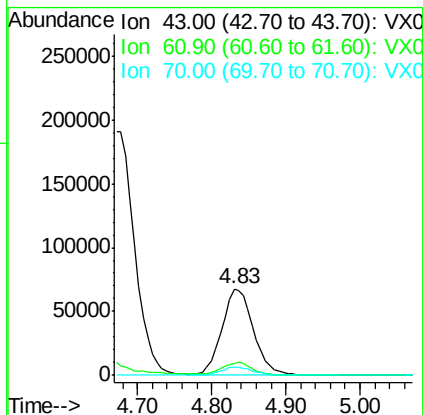
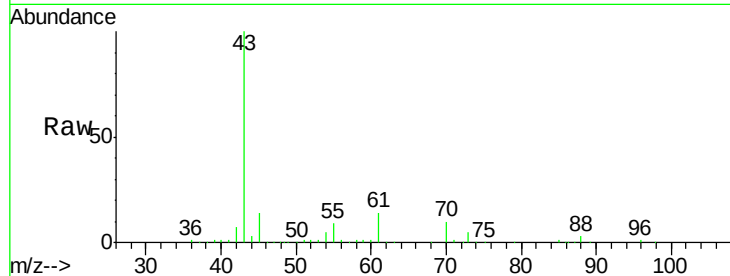
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	43	Resp:	198521
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.3	15.5#
70	9.7	7.6	11.4

Manual Integrations
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4/5/2019 10:53:33 AM



#38

Carbon Tetrachloride

Concen: 46.347 ug/l

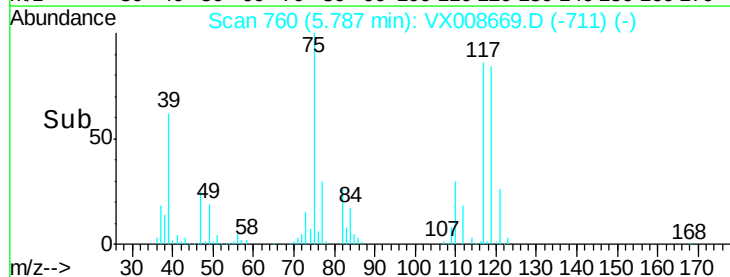
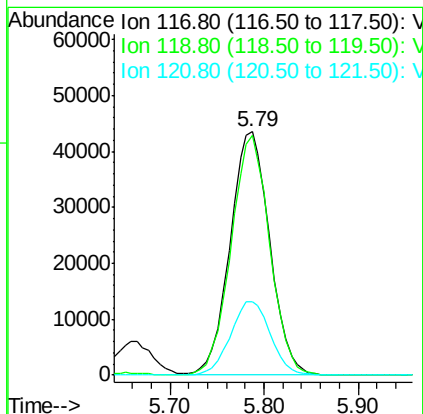
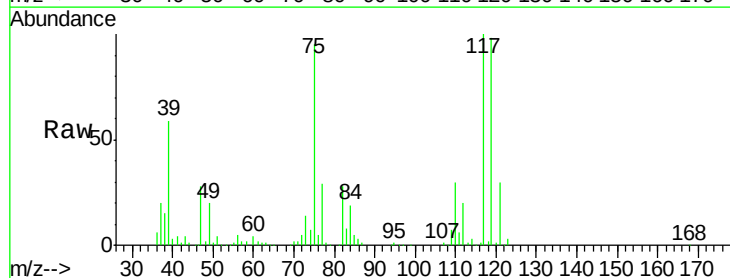
RT: 5.79 min Scan# 760

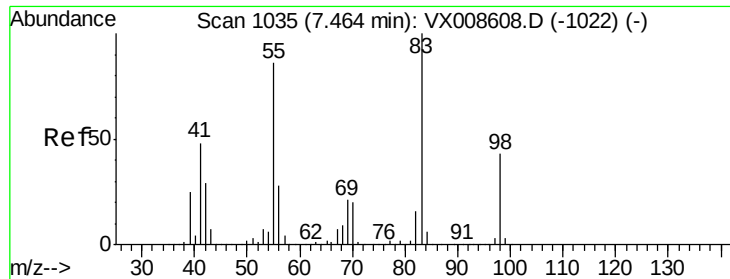
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	117	Resp:	127474
Ion Ratio	Lower	Upper	
117	100		
119	98.3	75.0	112.6
121	30.0	24.3	36.5





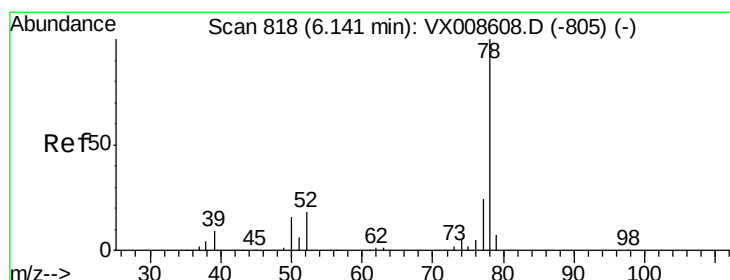
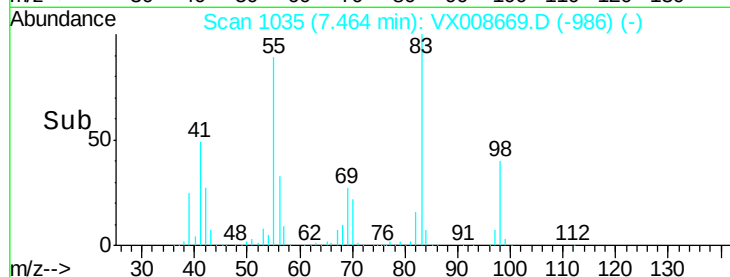
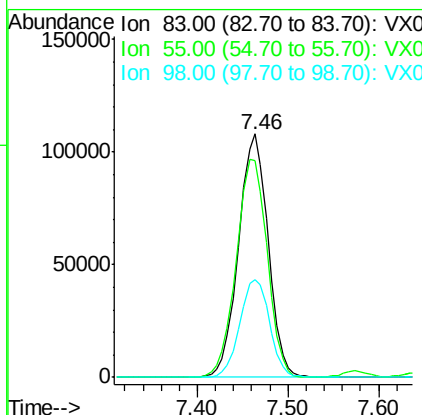
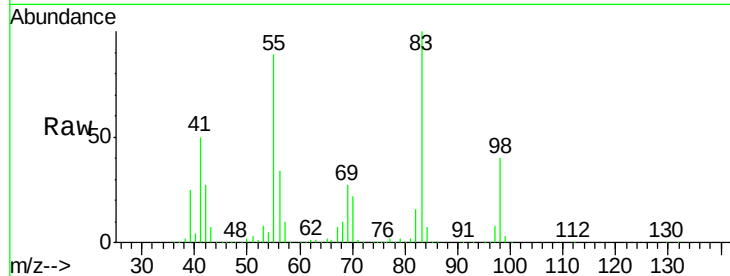
#39
Methylvlcyclohexane
Concen: 59.378 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	243753		
55	89.1	69.0	103.6	
98	40.0	34.4	51.6	

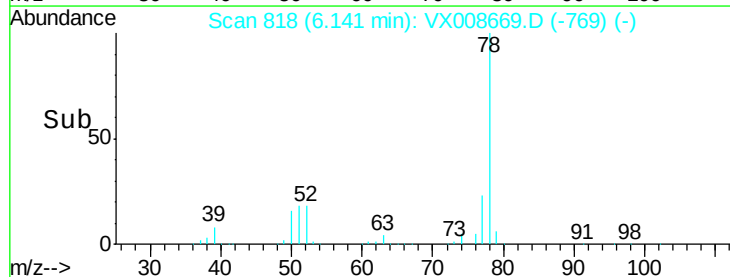
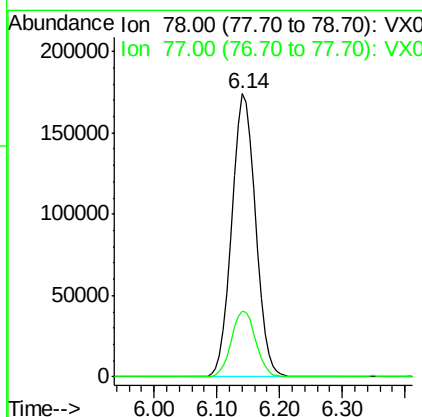
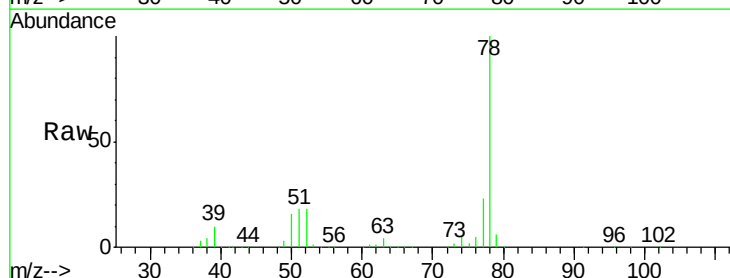
Manual Integrations
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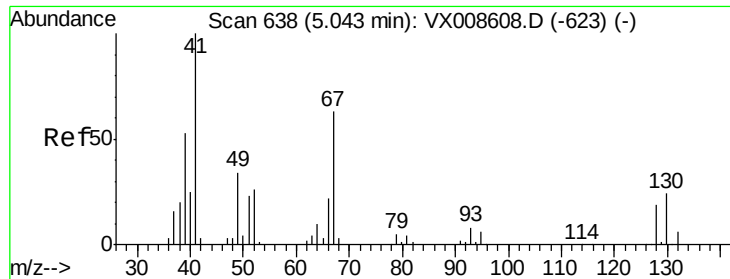
MMDadoda
4/5/2019 10:53:33 AM



#40
Benzene
Concen: 46.329 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	458656		
77	23.4	19.1	28.7	





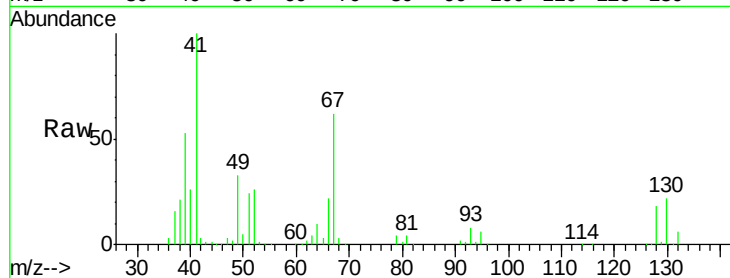
#41
Methacrylonitrile
Concen: 46.108 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

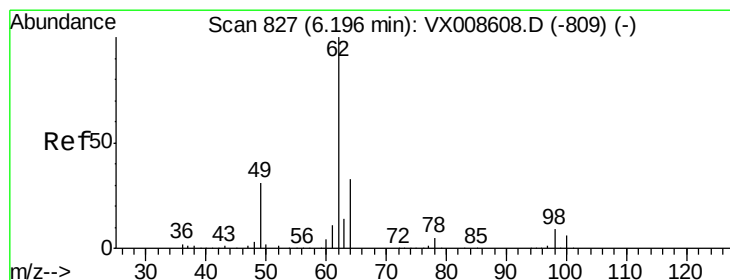
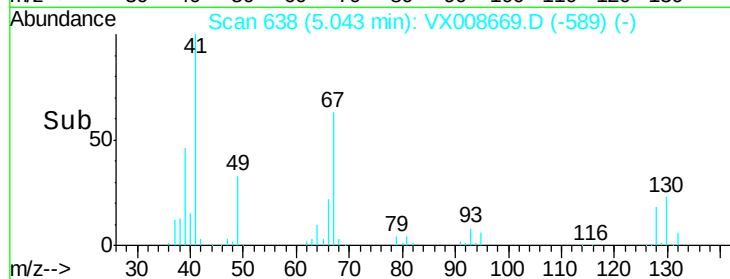
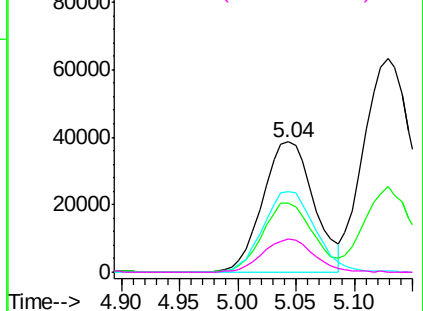
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	42.1	63.1	
67	63.5	51.0	76.6	
52	25.5	21.4	32.0	

Manual Integrations
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4/5/2019 10:53:33 AM

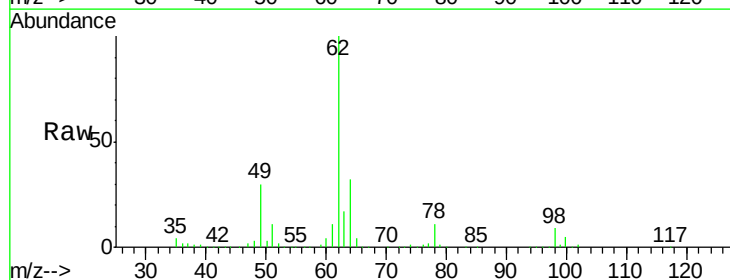


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

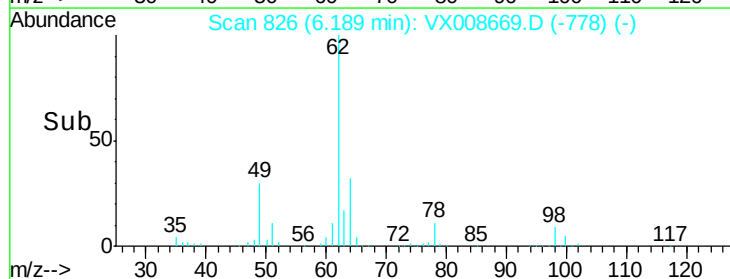
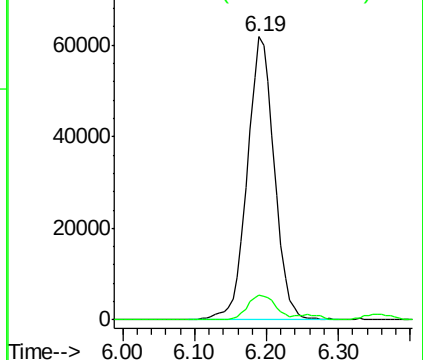


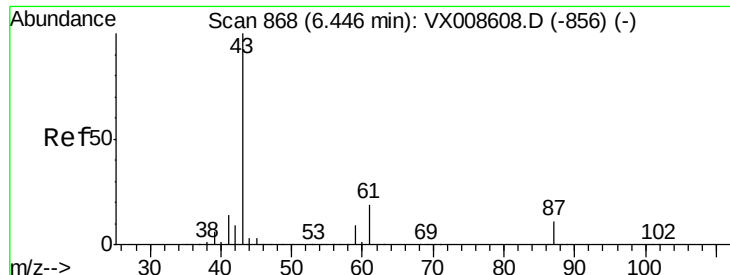
#42
1,2-Dichloroethane
Concen: 45.273 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.0	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

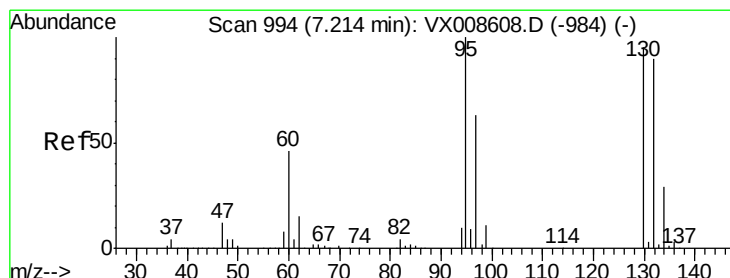
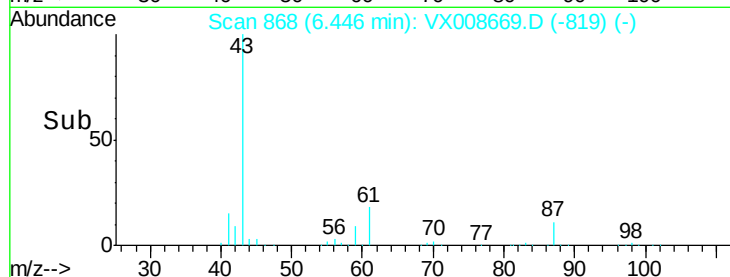
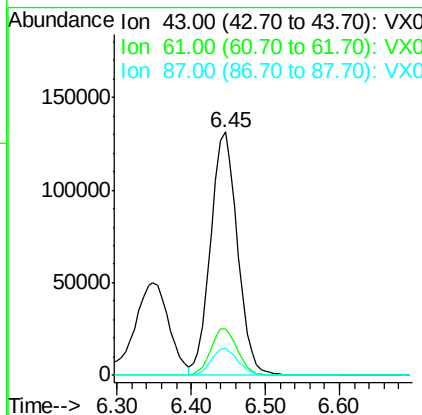
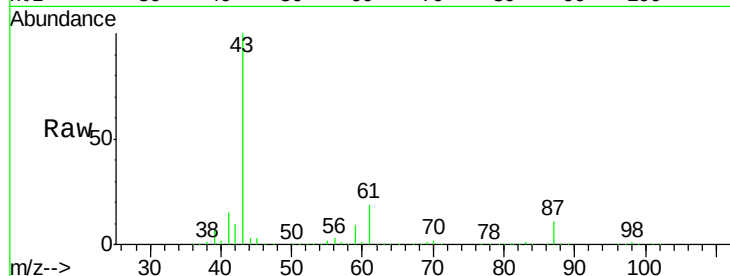
Isopropyl Acetate
 Concen: 46.970 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.3	22.9
87	11.2	9.0	13.6

Manual Integrations
 APPROVED

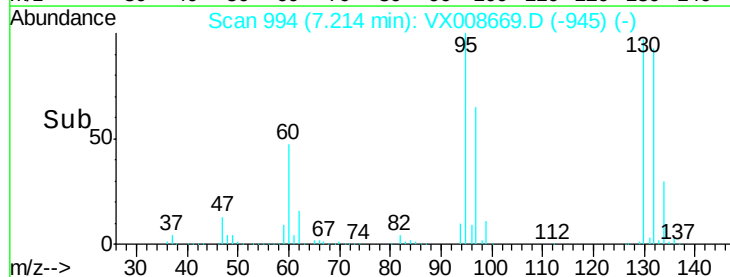
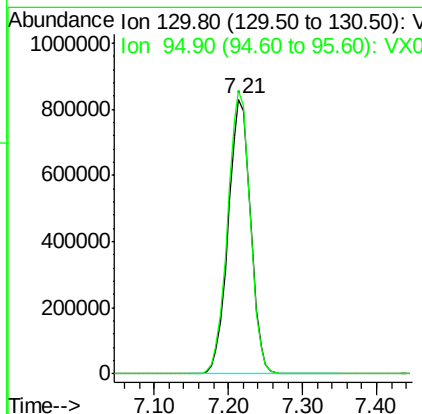
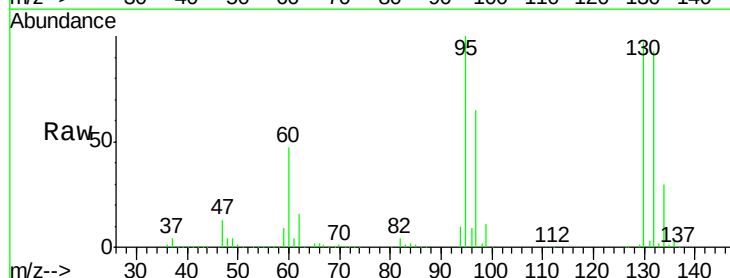
MMDadoda
 4/5/2019 10:53:33 AM

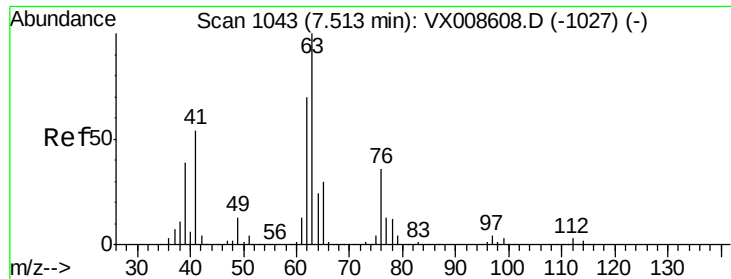


#44

Trichloroethene
 Concen: 757.487 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	209.8





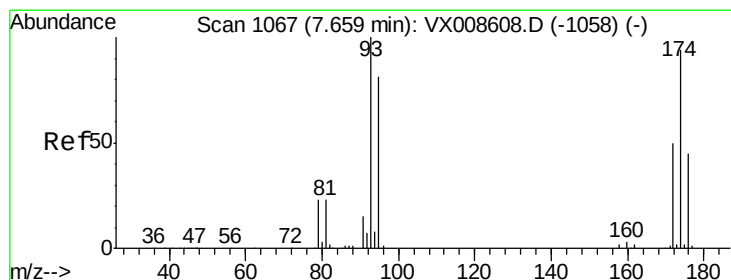
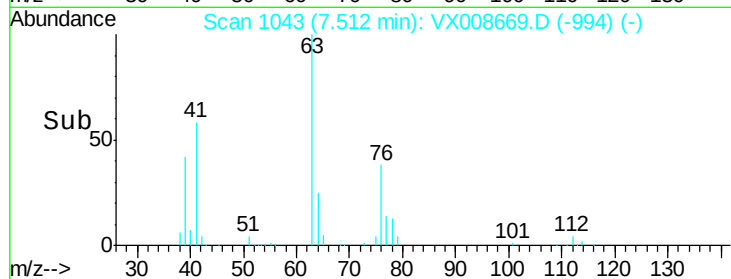
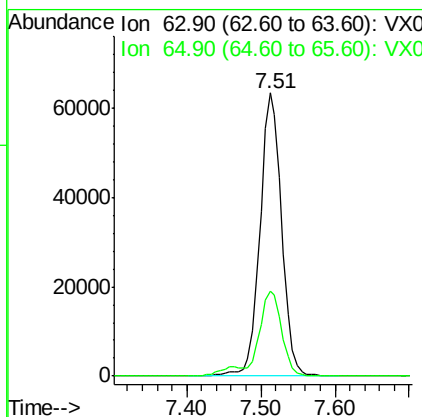
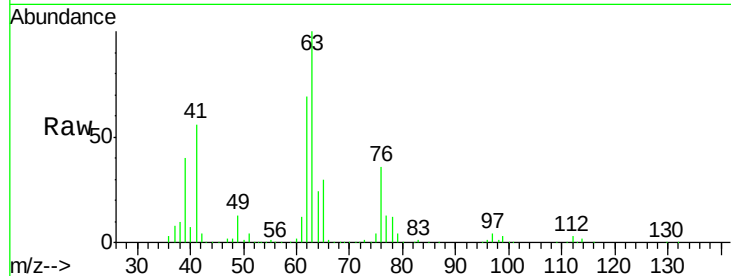
#45
 1,2-Dichloropropane
 Concen: 45.741 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion: 63 Resp: 129250
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.4

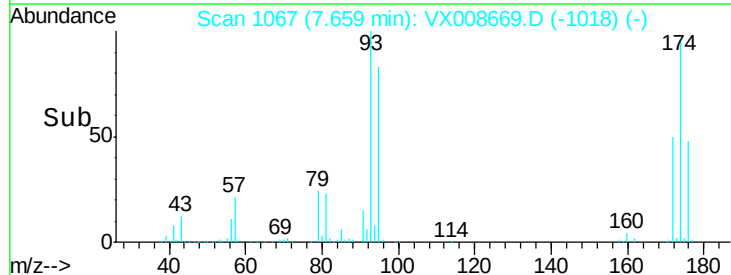
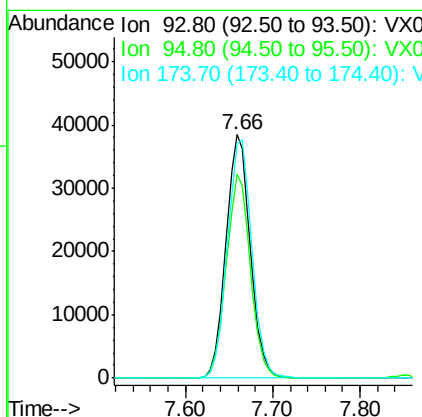
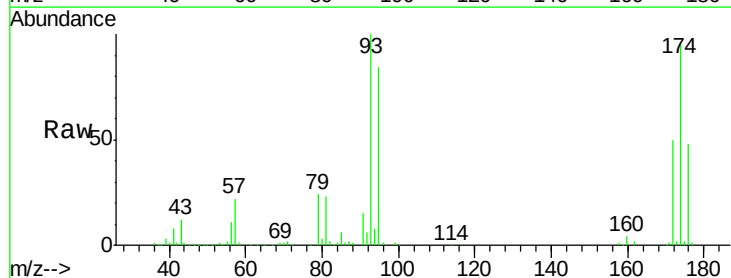
Manual Integrations
 APPROVED

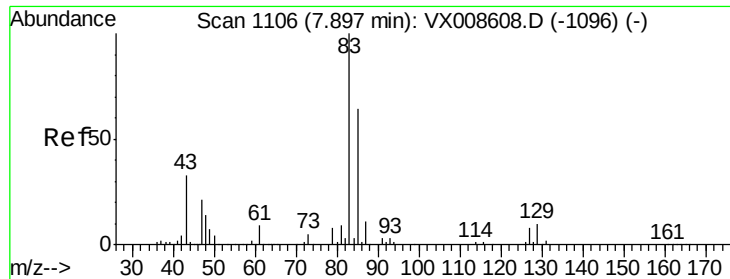
MMDadoda
 4/5/2019 10:53:33 AM



#46
 Dibromomethane
 Concen: 45.186 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 93 Resp: 74053
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 99.4 77.7 116.5





#47

Bromodichloromethane

Concen: 48.717 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

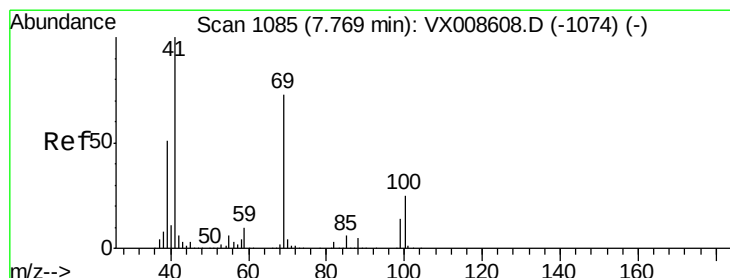
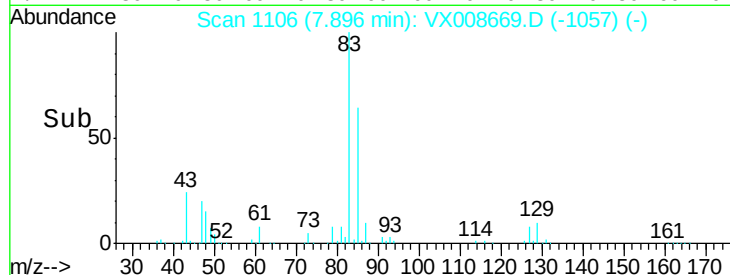
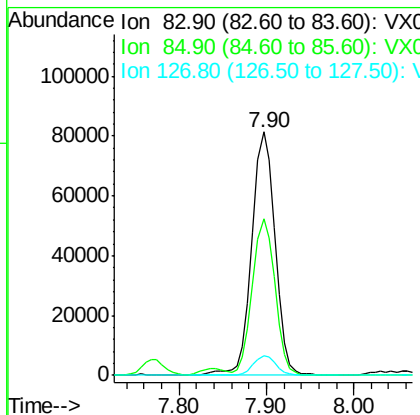
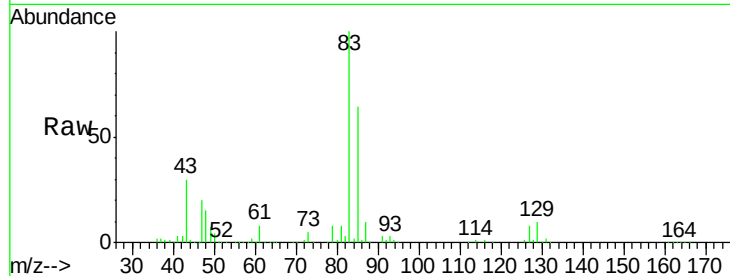
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	83	Resp:	150538
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8
127	8.1	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM



#48

Methyl methacrylate

Concen: 47.038 ug/l

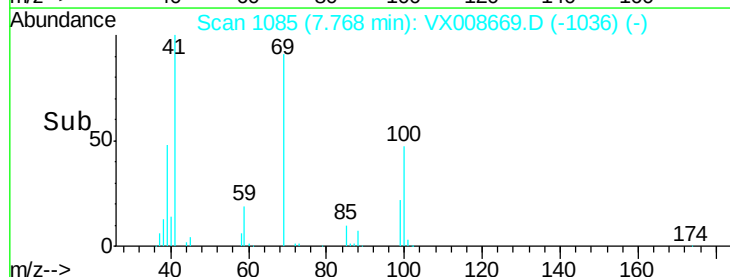
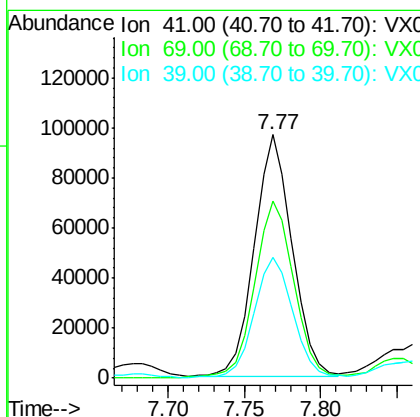
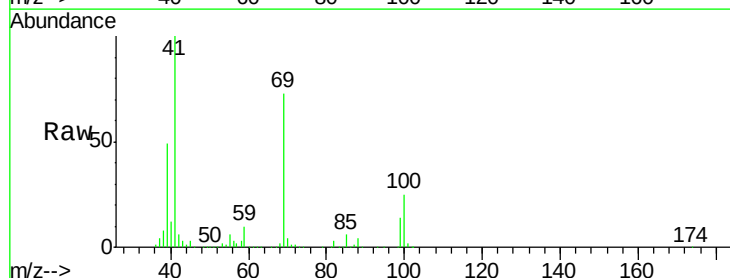
RT: 7.77 min Scan# 1085

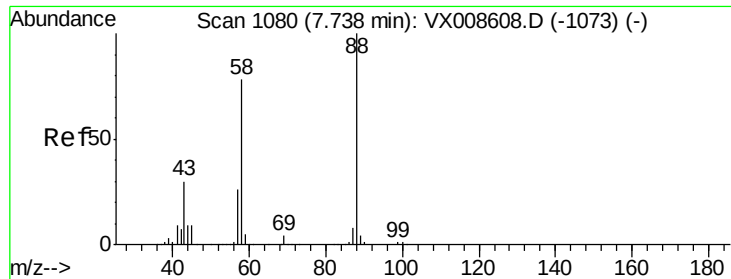
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	41	Resp:	165333
Ion	Ratio	Lower	Upper
41	100		
69	76.2	59.0	88.4
39	50.6	41.0	61.4





#49

1,4-Dioxane

Concen: 820.916 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

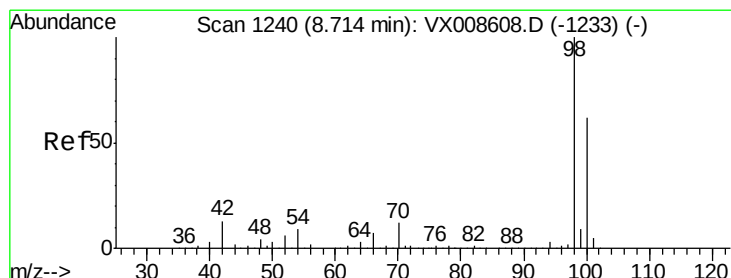
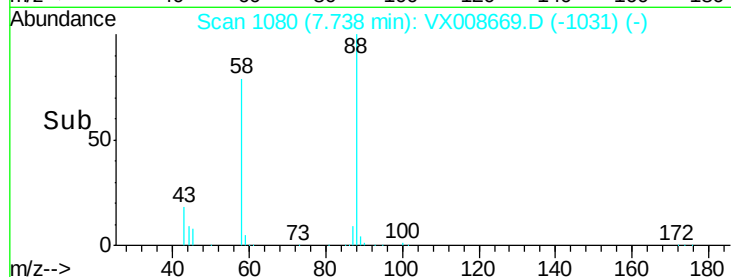
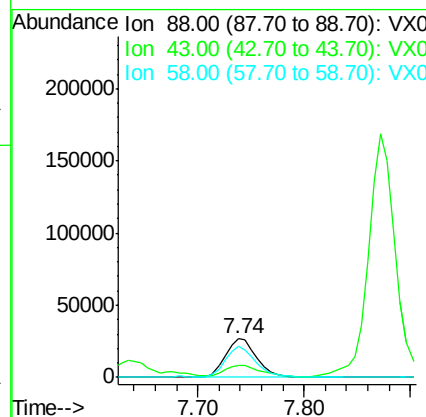
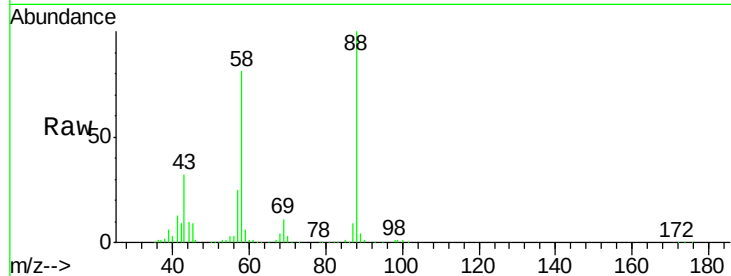
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	88	Resp:	54052
Ion	Ratio	Lower	Upper
88	100		
43	33.9	28.6	43.0
58	76.5	62.2	93.2

Manual Integrations
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4/5/2019 10:53:33 AM



#50

Toluene-d8

Concen: 48.812 ug/l

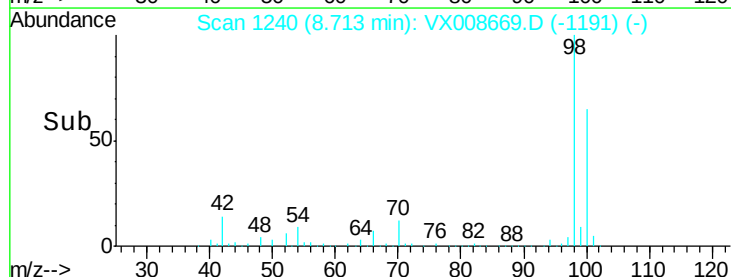
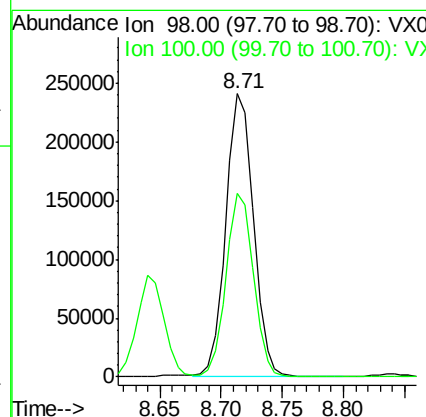
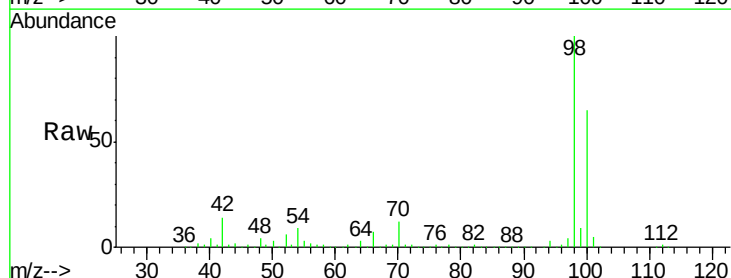
RT: 8.71 min Scan# 1240

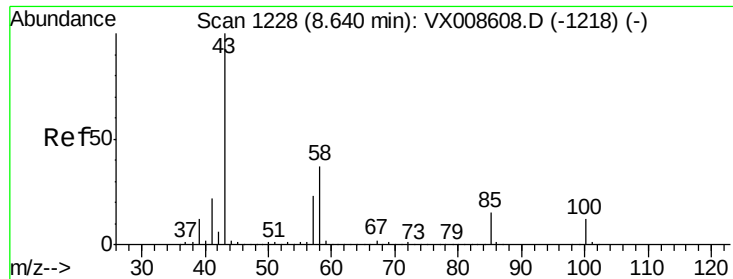
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	98	Resp:	377769
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





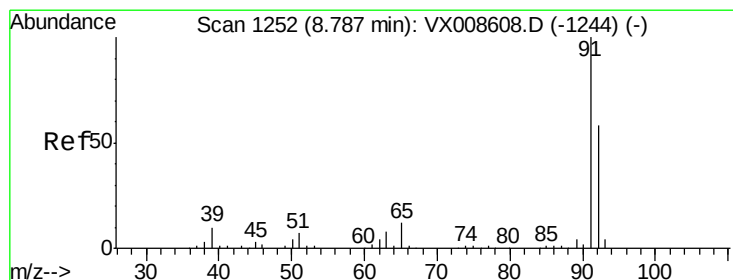
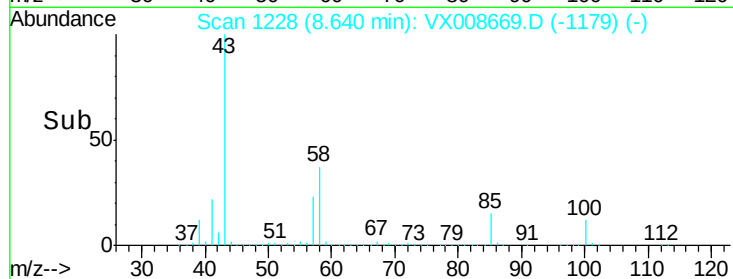
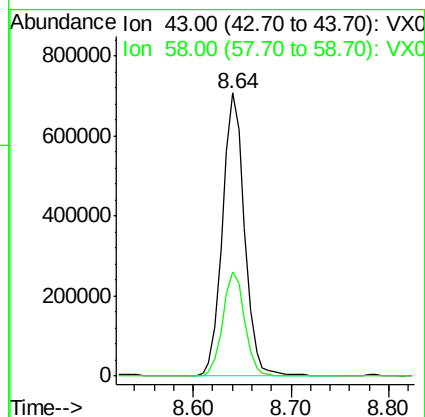
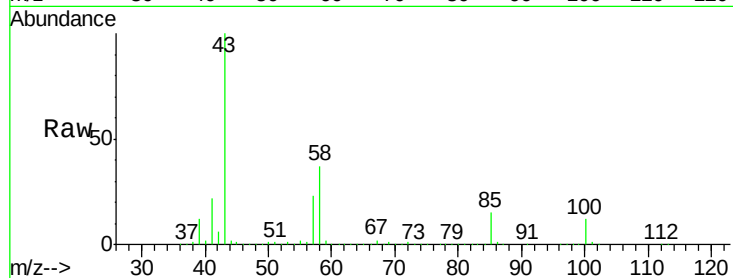
#51
 4-Methyl-2-Pentanone
 Concen: 247.206 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion: 43 Resp: 1105745
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.5 44.3

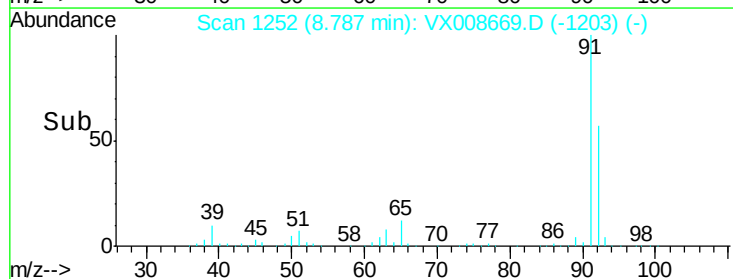
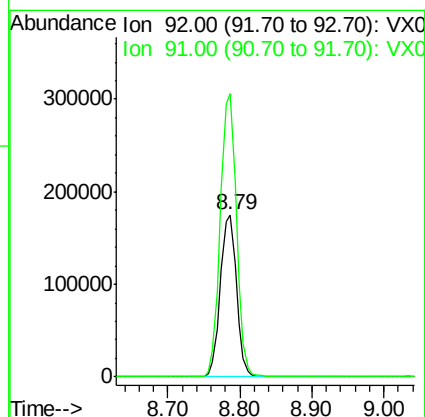
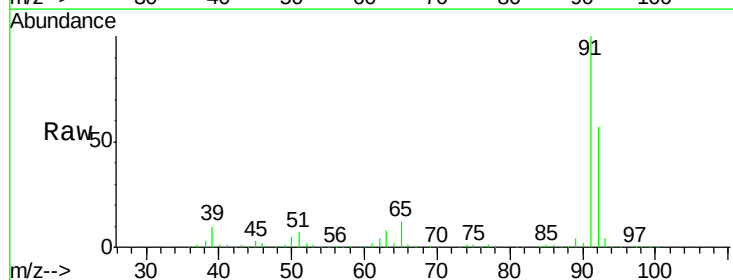
Manual Integrations
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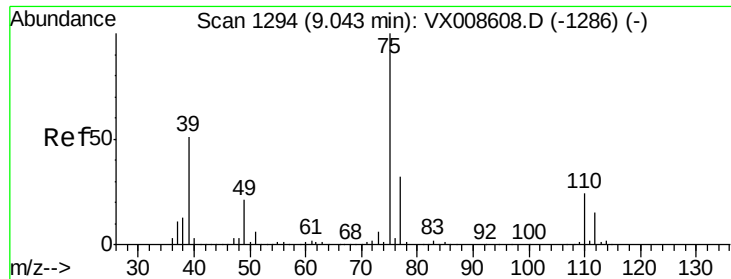
MMDadoda
 4/5/2019 10:53:33 AM



#52
 Toluene
 Concen: 46.778 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 92 Resp: 273021
 Ion Ratio Lower Upper
 92 100
 91 174.7 138.5 207.7





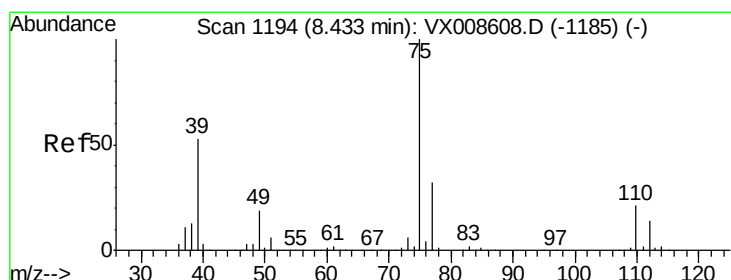
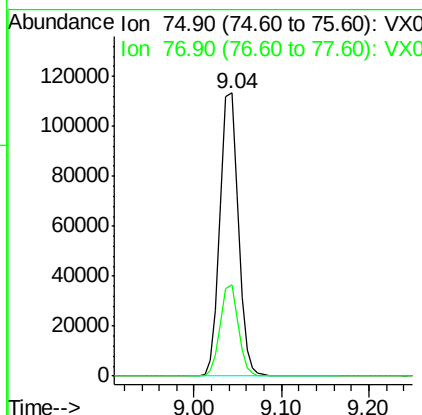
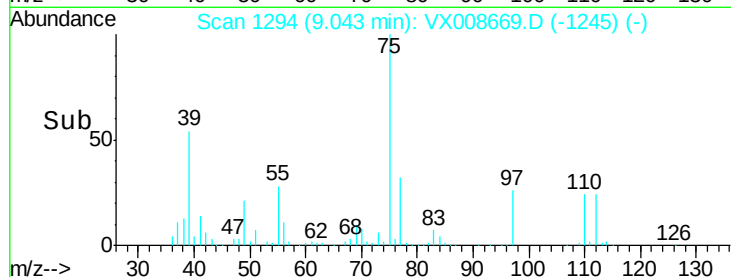
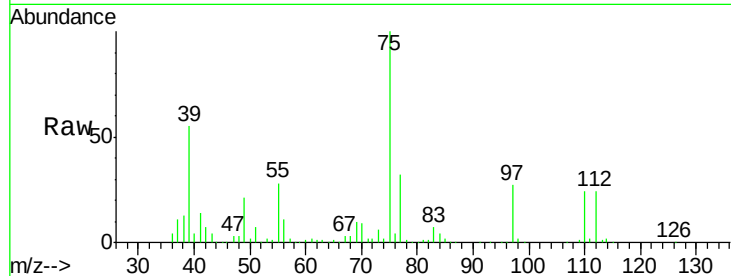
#53
 t-1,3-Dichloropropene
 Concen: 47.571 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion: 75 Resp: 164659
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8

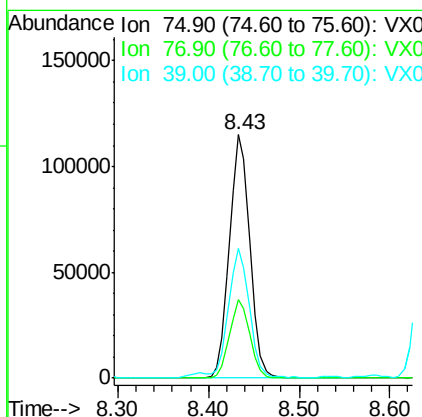
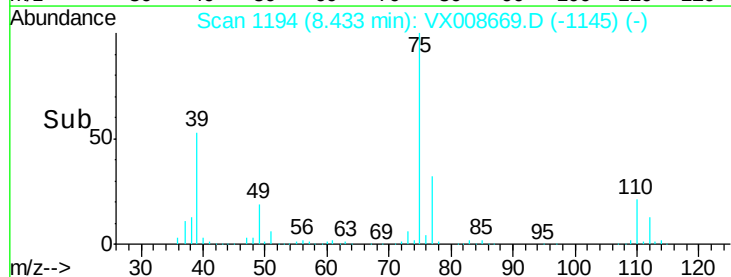
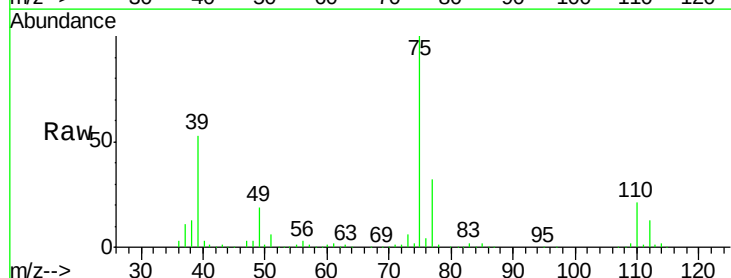
Manual Integrations
 APPROVED

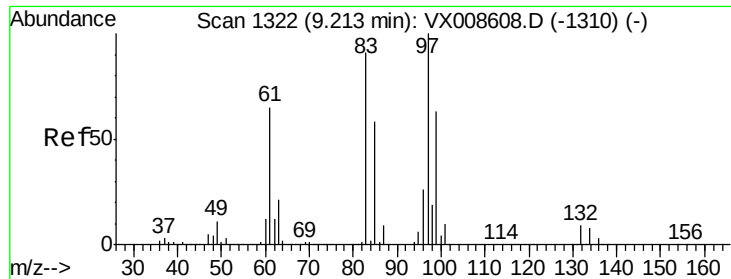
MMDadoda
 4/5/2019 10:53:33 AM



#54
 cis-1,3-Dichloropropene
 Concen: 45.492 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 75 Resp: 179925
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 52.9 42.6 63.8





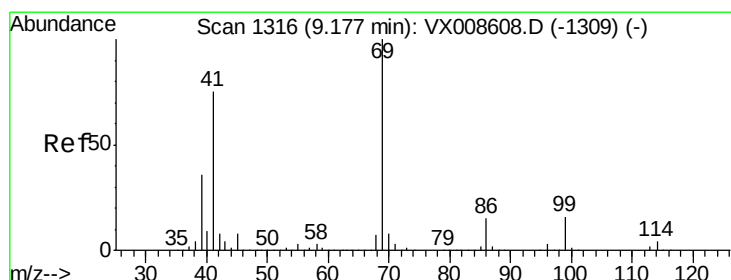
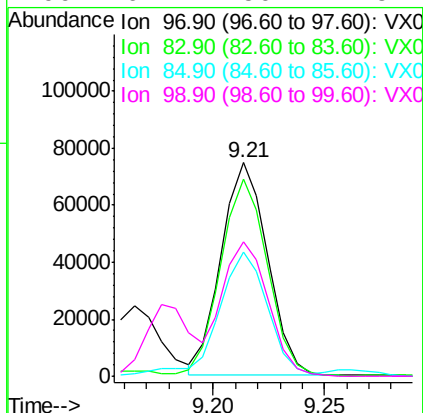
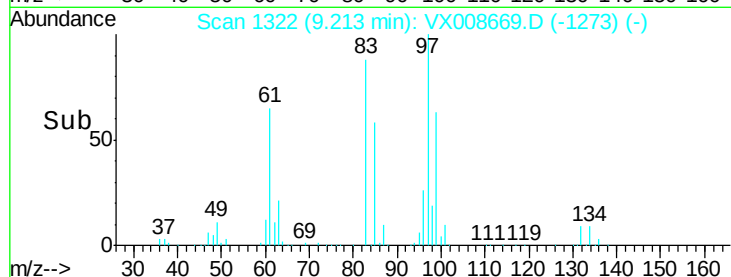
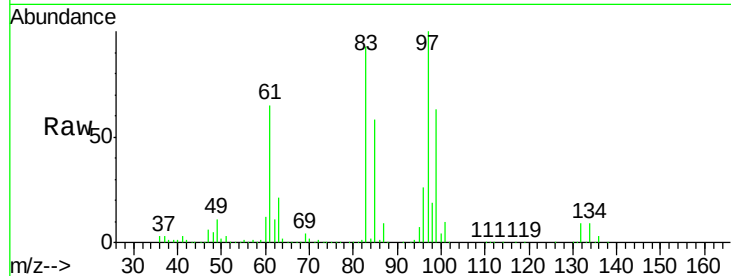
#55
 1,1,2-Trichloroethane
 Concen: 46.150 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion:	97	Resp:	108120
Ion	Ratio	Lower	Upper
97	100		
83	92.7	73.2	109.8
85	55.1	46.6	69.8
99	62.7	50.1	75.1

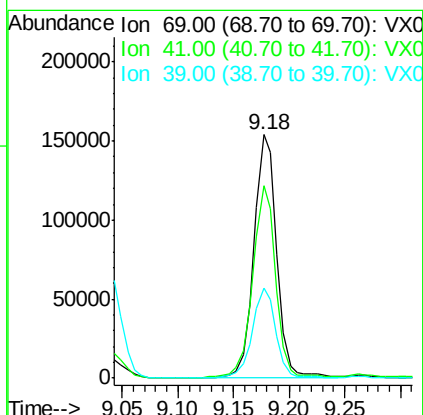
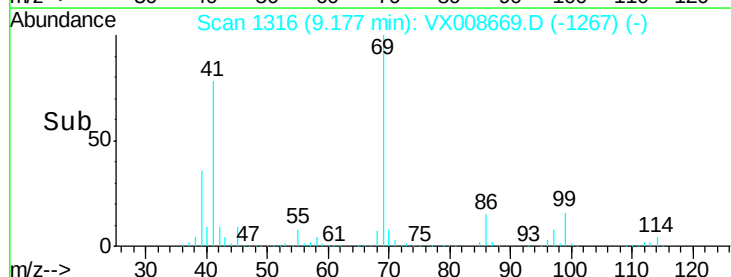
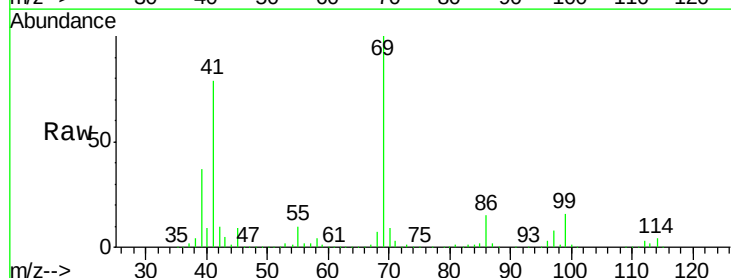
Manual Integrations
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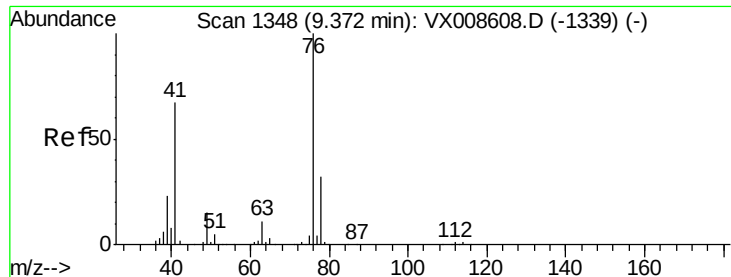
MMDadoda
 4/5/2019 10:53:33 AM



#56
 Ethyl methacrylate
 Concen: 51.898 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion:	69	Resp:	219990
Ion	Ratio	Lower	Upper
69	100		
41	79.9	60.1	90.1
39	38.0	28.9	43.3





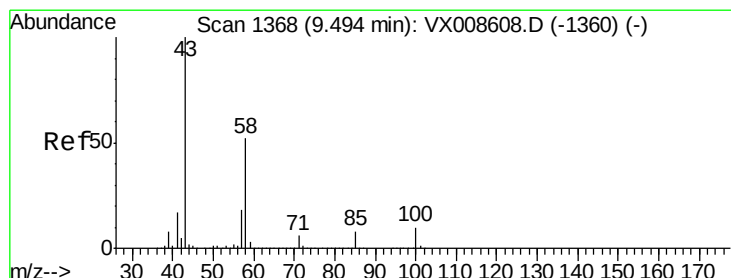
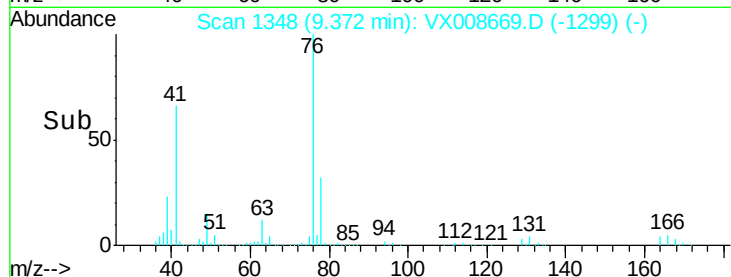
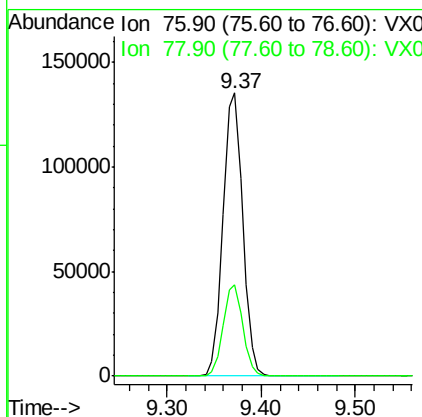
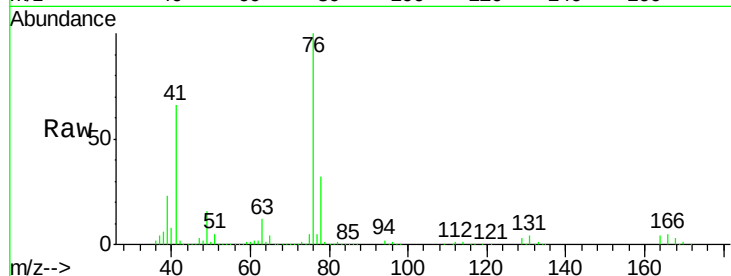
#57
 1,3-Dichloropropane
 Concen: 46.833 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

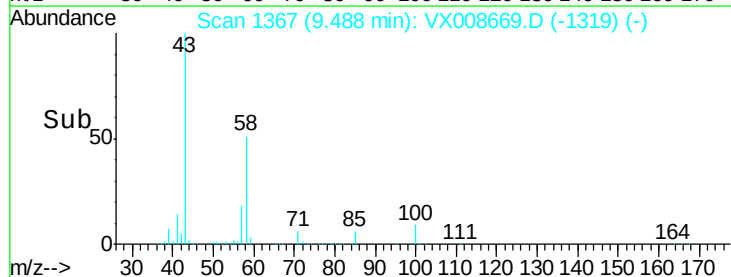
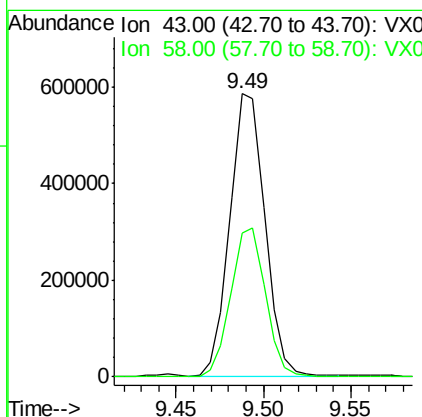
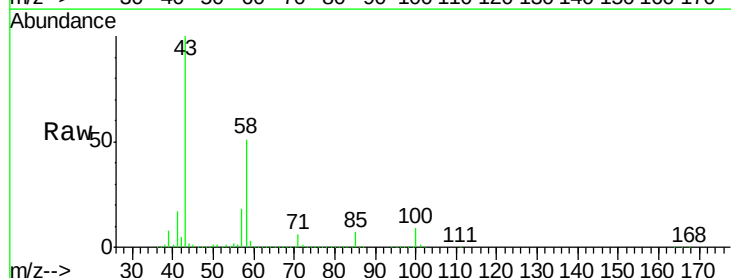
Manual Integrations
 APPROVED

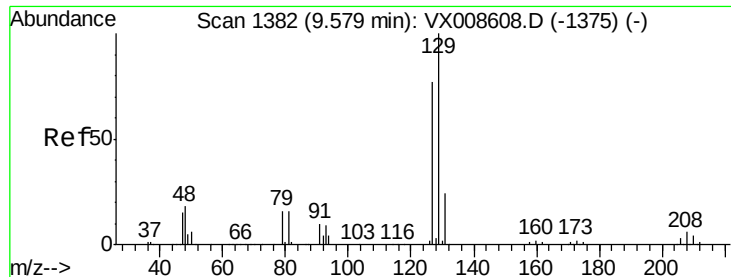
MMDadoda
 4/5/2019 10:53:33 AM



#59
 2-Hexanone
 Concen: 234.032 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.0	25.9	77.7





#60

Dibromochloromethane

Concen: 49.375 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion:129 Resp: 109004

Ion Ratio Lower Upper

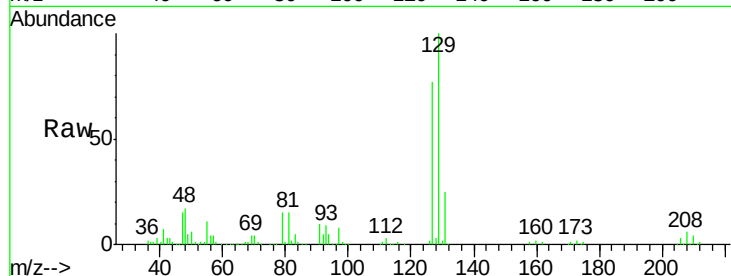
129 100

127 76.8 38.5 115.3

Manual Integrations
APPROVED

MMDadoda

4/5/2019 10:53:33 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

80000

60000

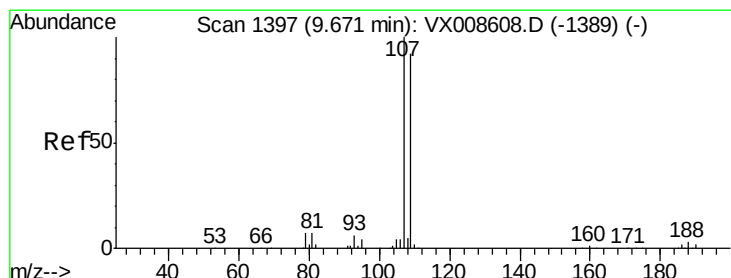
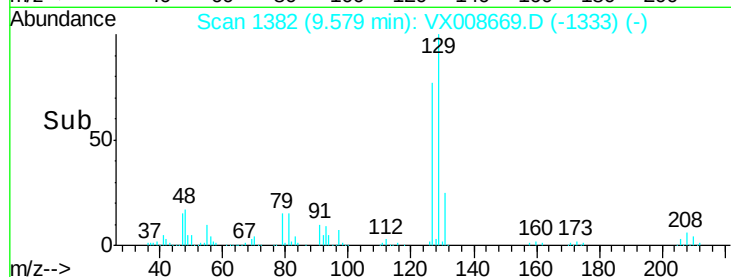
40000

20000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 46.676 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008669.D

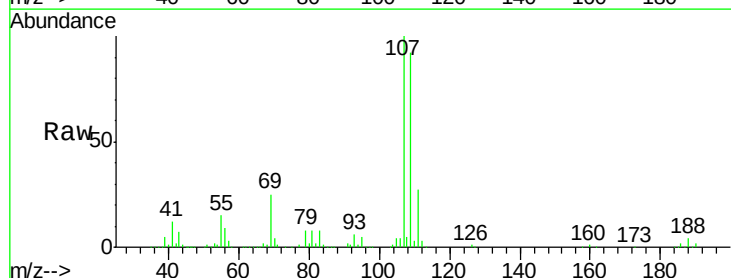
Acq: 05 Apr 2019 04:55

Tgt Ion:107 Resp: 113840

Ion Ratio Lower Upper

107 100

109 94.3 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

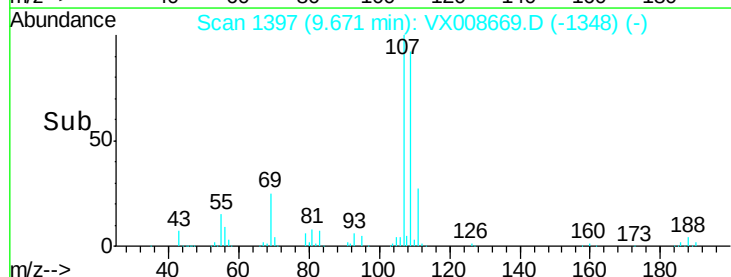
40000

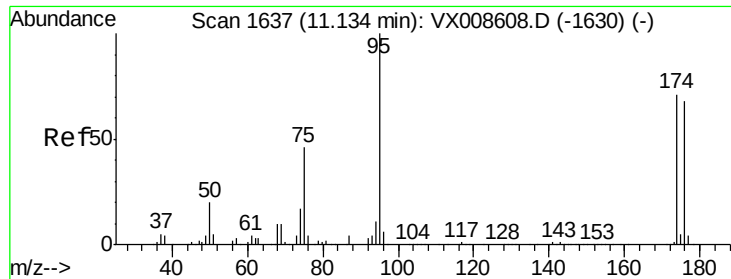
20000

0

9.60 9.65 9.70 9.75 9.80

Time-->





#62

4-Bromofluorobenzene

Concen: 50.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

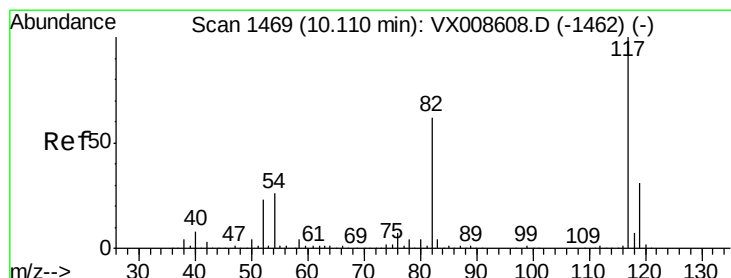
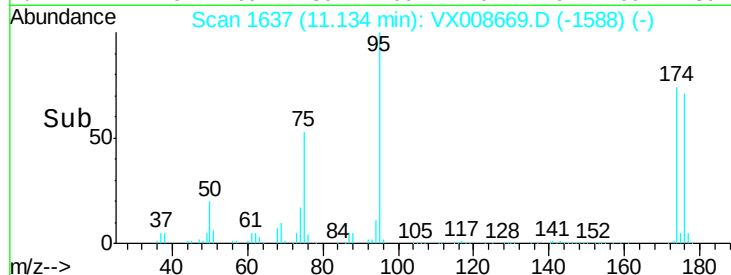
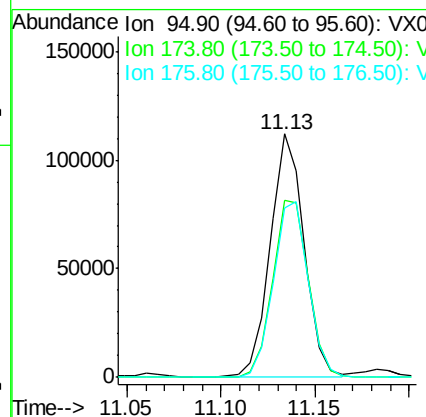
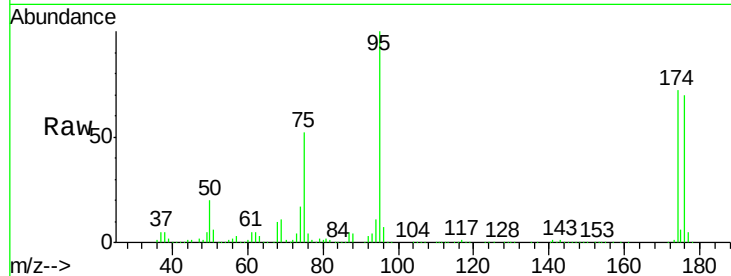
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	95	Resp:	138762
Ion Ratio	Lower	Upper	
95	100		
174	76.9	0.0	151.8
176	75.1	0.0	145.8

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

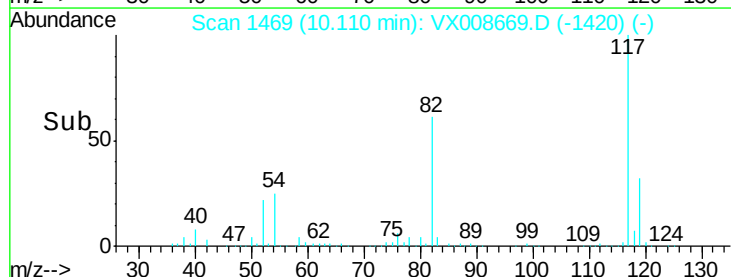
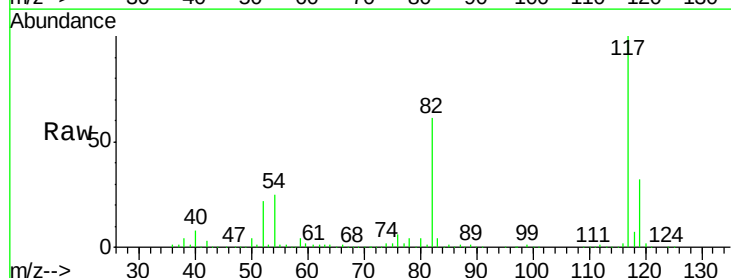
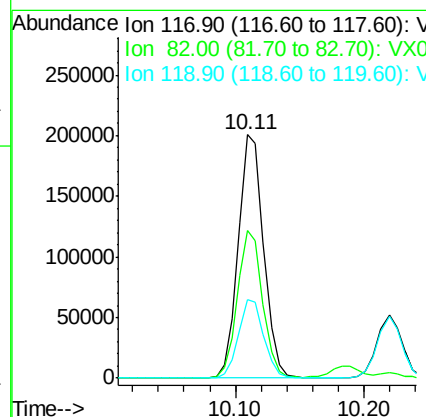
RT: 10.11 min Scan# 1469

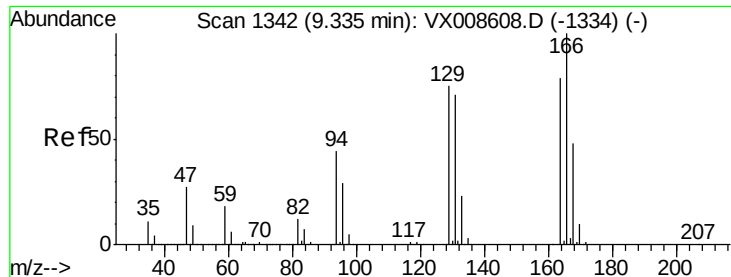
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	117	Resp:	276434
Ion Ratio	Lower	Upper	
117	100		
82	60.6	49.6	74.4
119	32.0	25.0	37.4





#64

Tetrachloroethene

Concen: 1012.756 ug/l

RT: 9.34 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion:164 Resp: 2074211

Ion Ratio Lower Upper

164 100

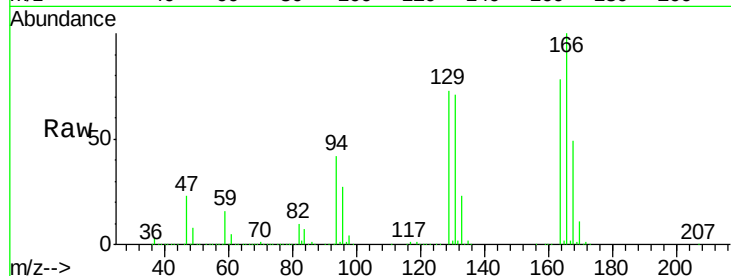
166 127.6 101.0 151.6

129 93.0 75.8 113.8

131 90.2 71.8 107.8

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM

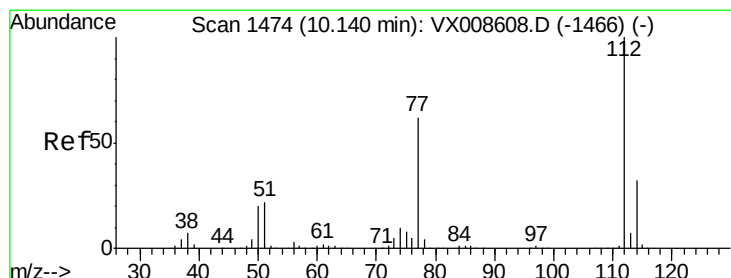
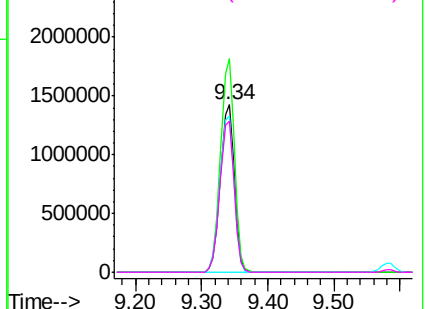
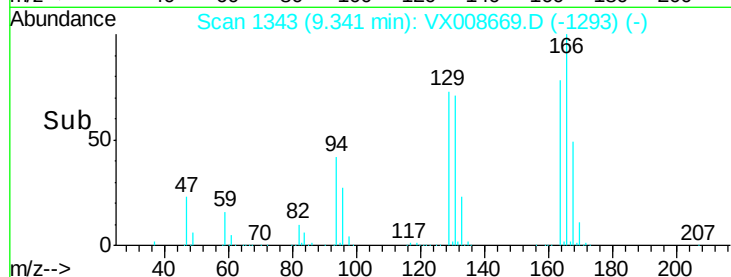


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.915 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008669.D

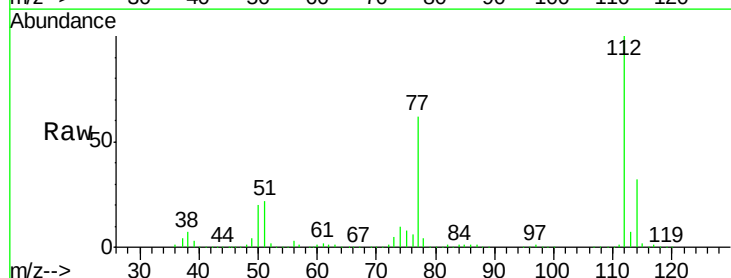
Acq: 05 Apr 2019 04:55

Tgt Ion:112 Resp: 287480

Ion Ratio Lower Upper

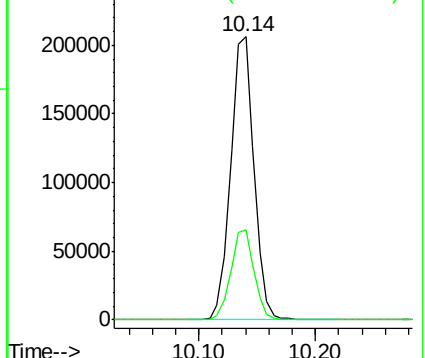
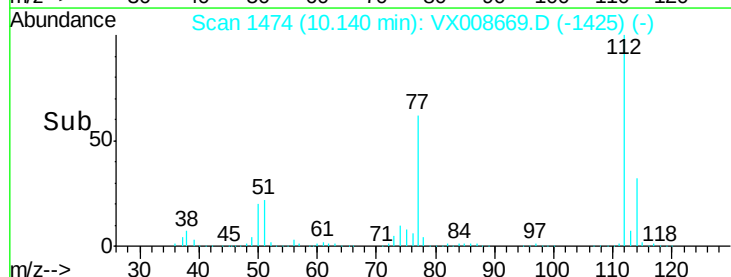
112 100

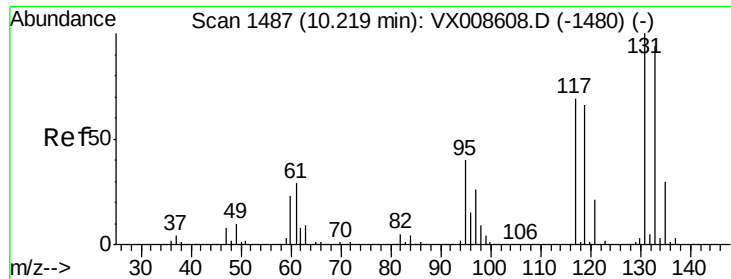
114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 46.727 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

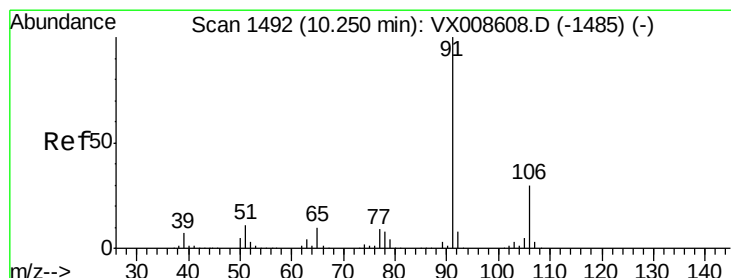
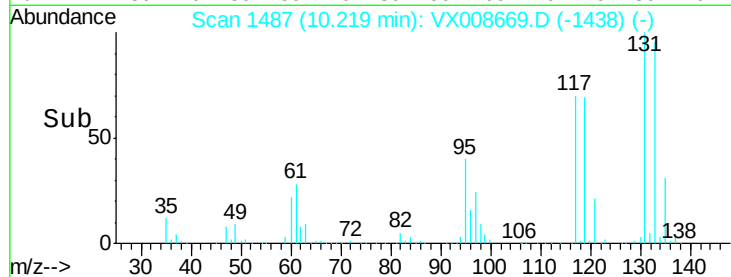
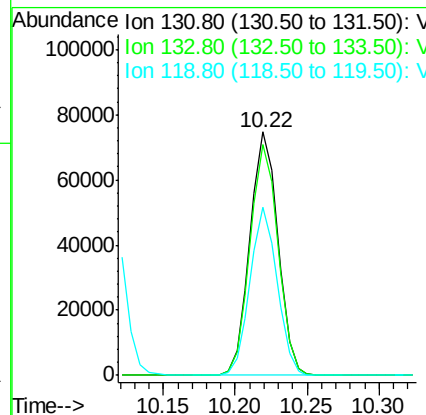
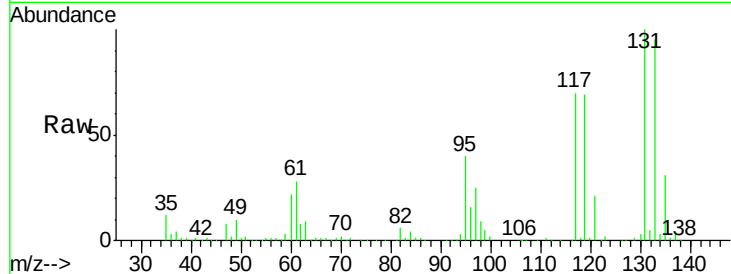
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	131	Resp:	100450
Ion Ratio	Lower	Upper	
131	100		
133	95.2	47.0	141.2
119	66.9	33.7	101.0

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM



#67

Ethyl Benzene

Concen: 46.093 ug/l

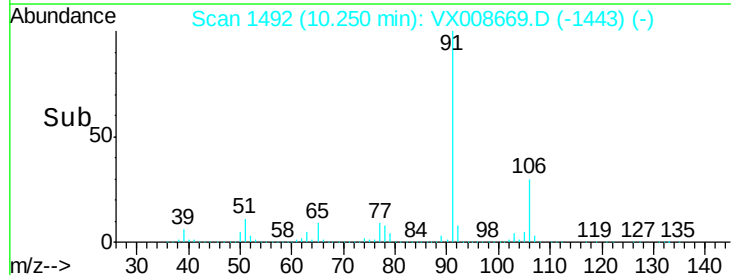
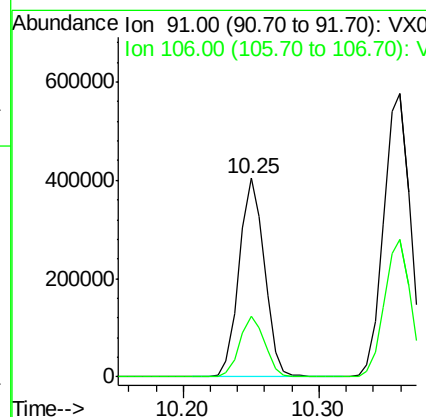
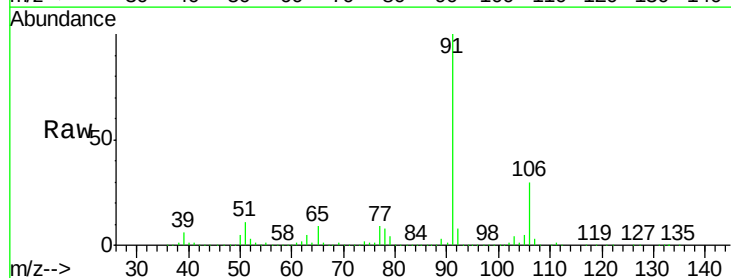
RT: 10.25 min Scan# 1492

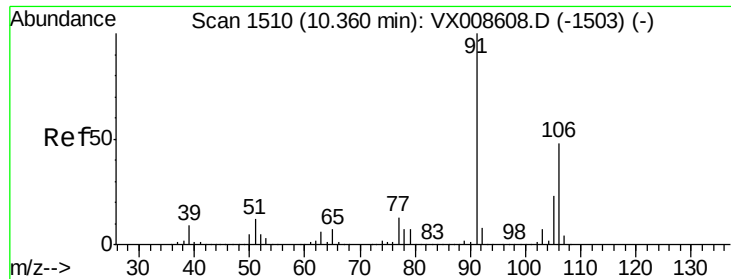
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	91	Resp:	526669
Ion Ratio	Lower	Upper	
91	100		
106	30.5	23.7	35.5





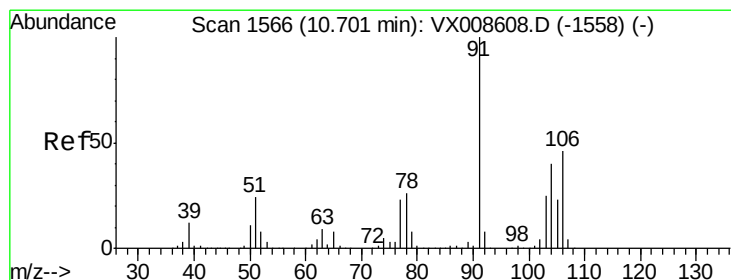
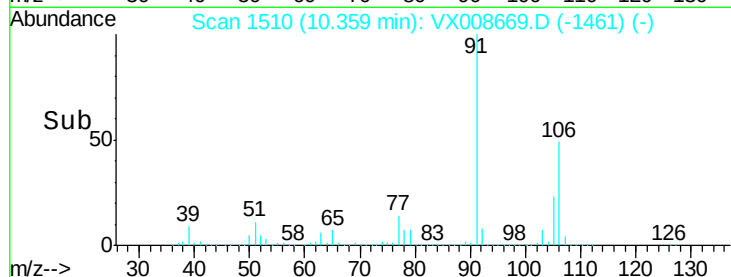
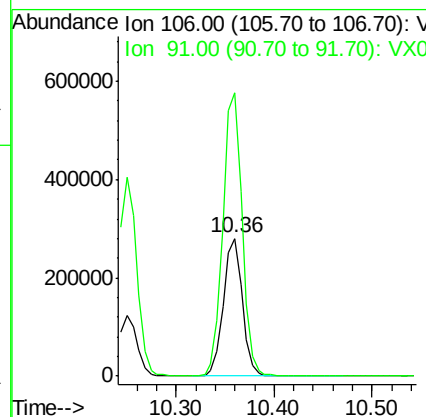
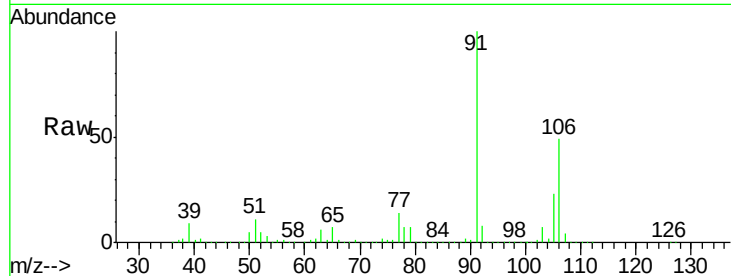
#68
m/p-Xylenes
Concen: 91.888 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion:106 Resp: 377503
Ion Ratio Lower Upper
106 100
91 208.9 168.5 252.7

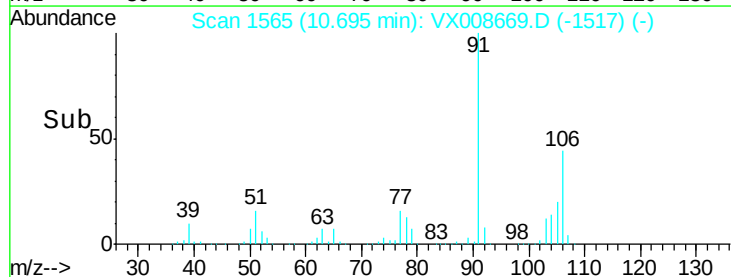
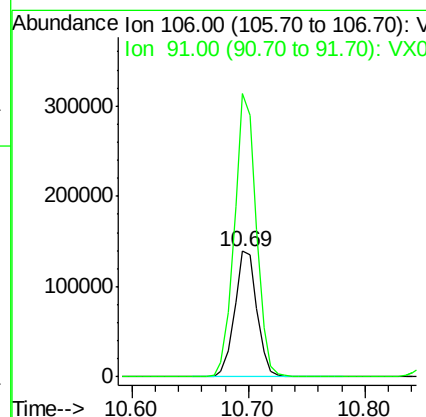
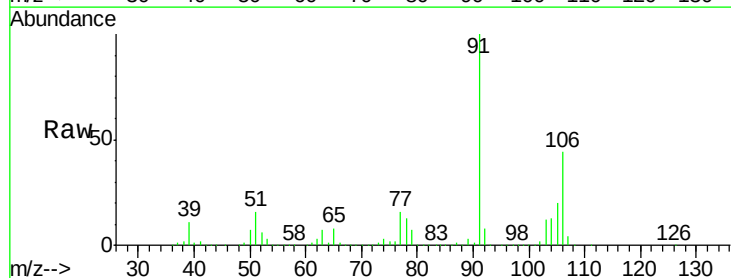
Manual Integrations
APPROVED

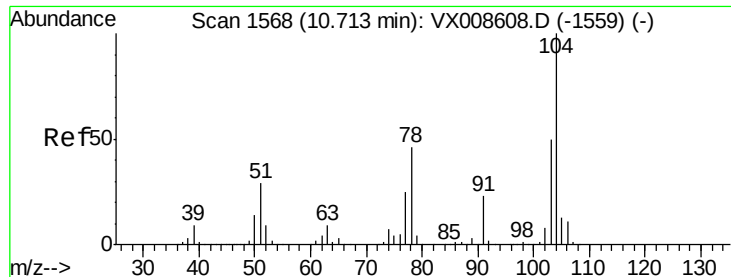
MMDadoda
4/5/2019 10:53:33 AM



#69
o-Xylene
Concen: 46.583 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion:106 Resp: 185466
Ion Ratio Lower Upper
106 100
91 221.1 111.5 334.4





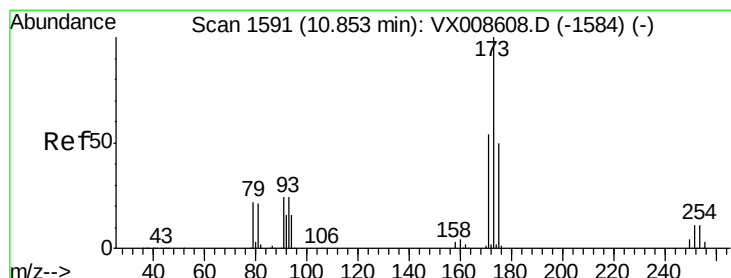
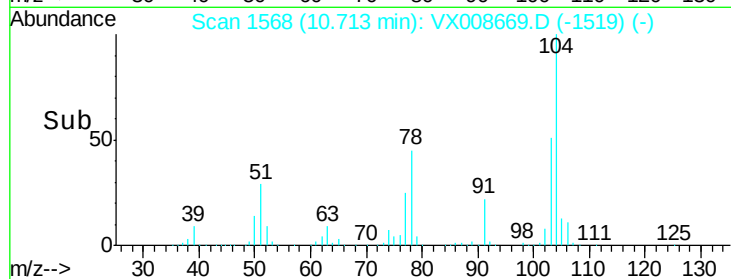
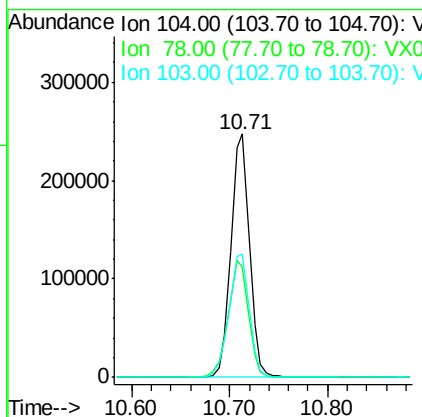
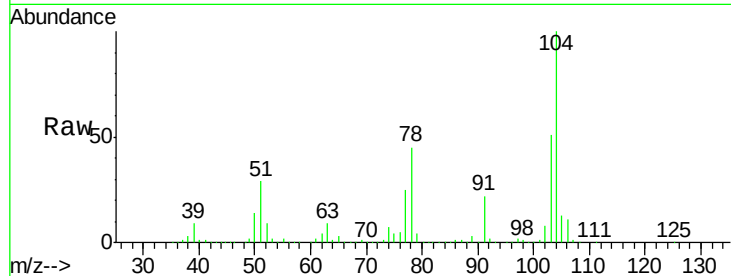
#70
Stvrene
Concen: 47.457 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	325693		
78	52.8		42.3	63.5
103	55.2		44.4	66.6

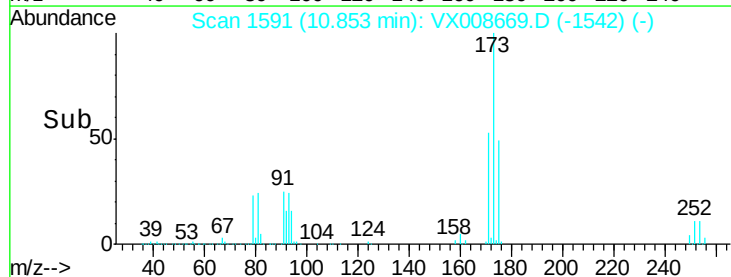
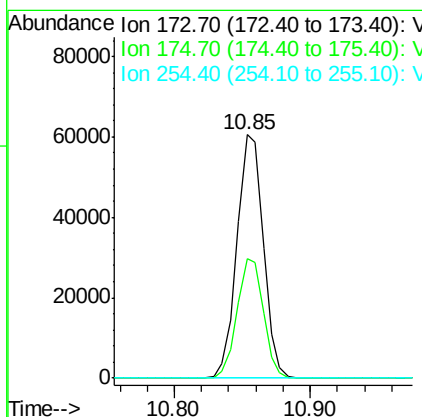
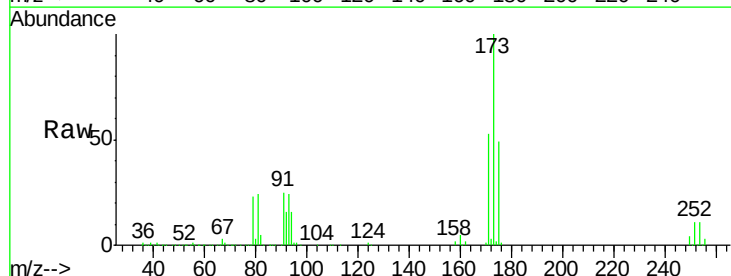
Manual Integrations
APPROVED

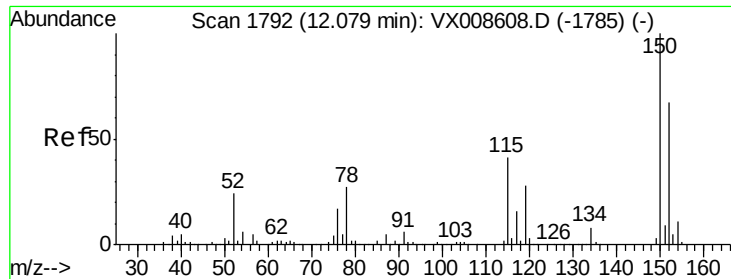
MMDadoda
4/5/2019 10:53:33 AM



#71
Bromoform
Concen: 49.708 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	81612		
175	49.2		24.9	74.6
254	0.2		0.1	0.1#





#72

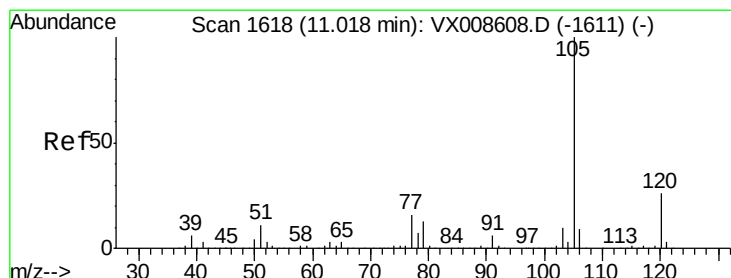
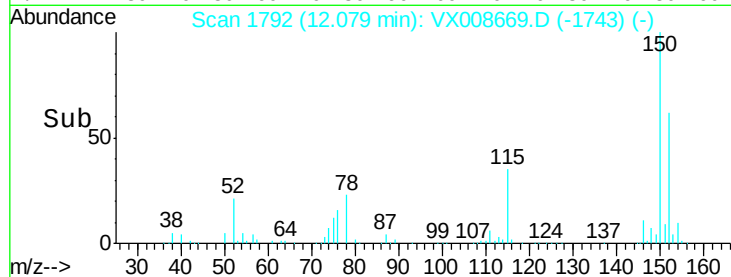
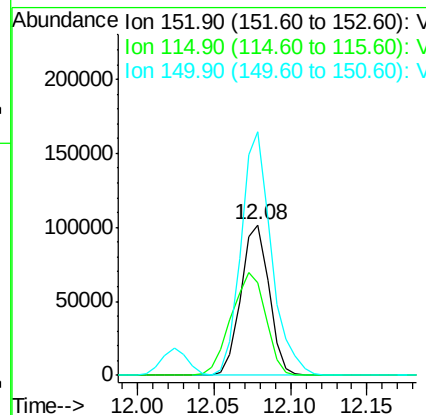
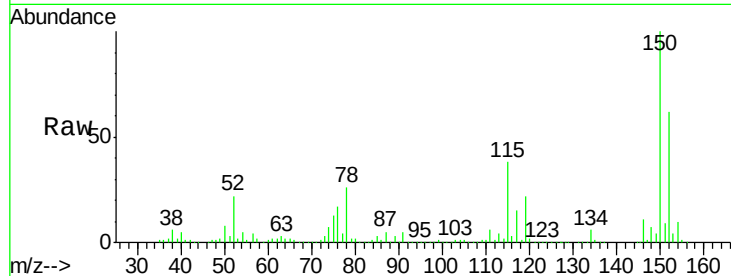
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	128946		
115	84.2	43.5	130.5	
150	174.6	0.0	348.8	

Manual Integrations
APPROVED

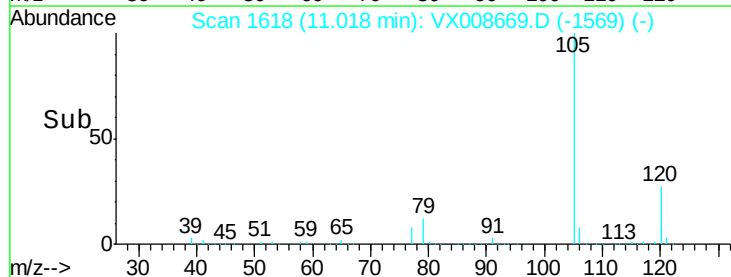
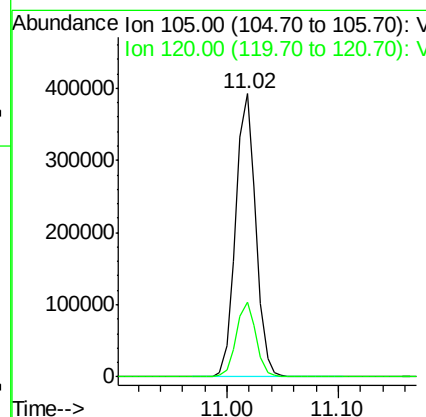
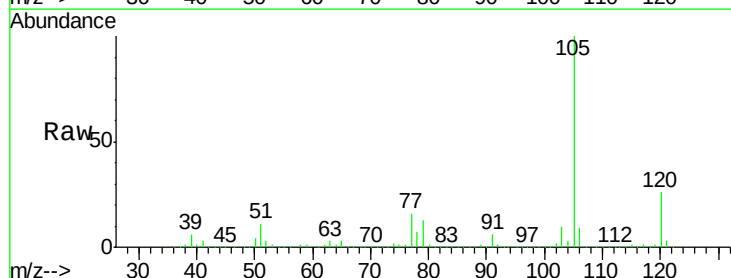
MMDadoda
4/5/2019 10:53:33 AM

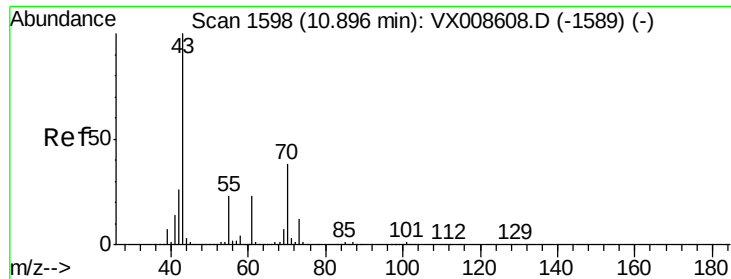


#73

Isopropylbenzene
Concen: 45.763 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	489028		
120	25.8	12.9	38.6	





#74

N-amvl acetate

Concen: 47.103 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

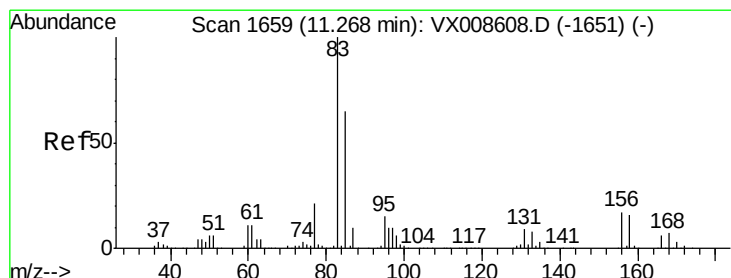
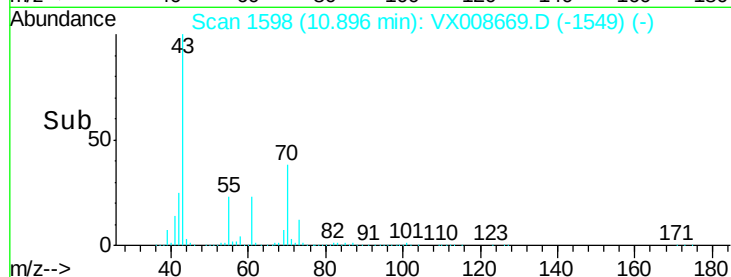
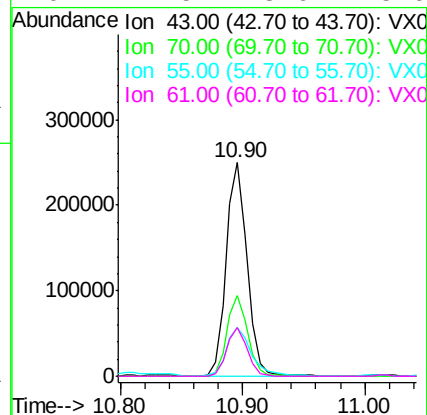
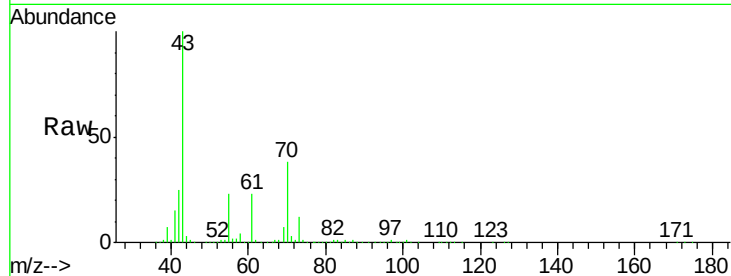
ClientSampleId :

ST006RW149-190402MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		296139		
70	37.4	30.2	45.4		
55	26.6	18.2	27.4		
61	22.5	18.6	28.0		

Manual Integrations
APPROVED

MMDadoda
4/5/2019 10:53:33 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 46.421 ug/l

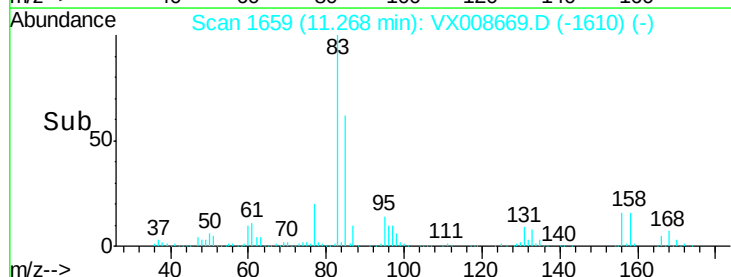
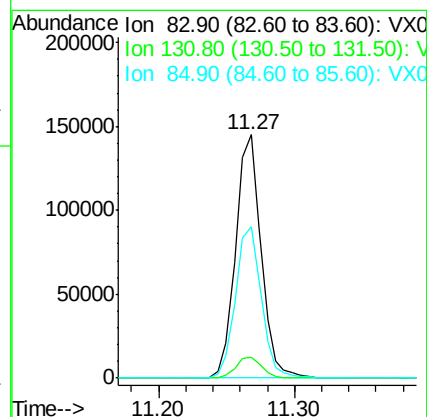
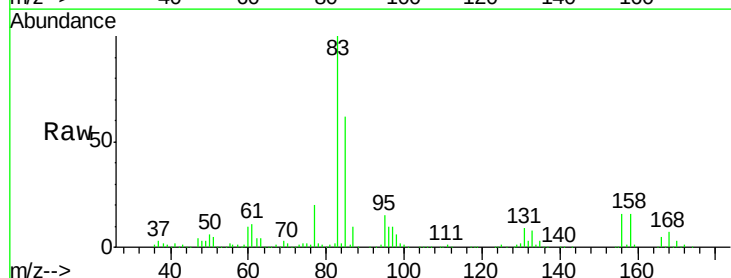
RT: 11.27 min Scan# 1659

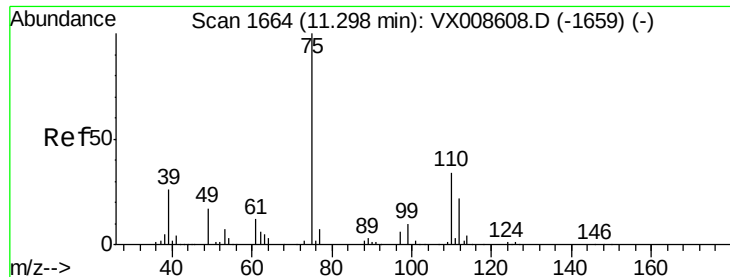
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		188658		
131	8.9	4.5	13.7		
85	63.6	32.0	96.2		





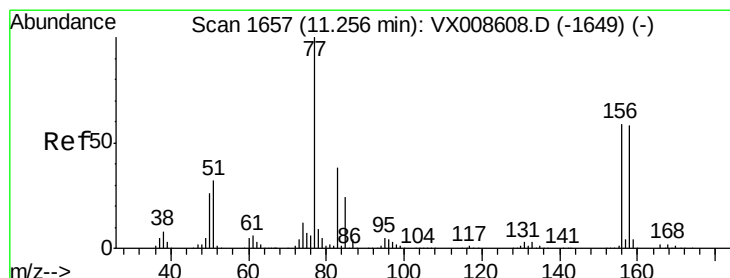
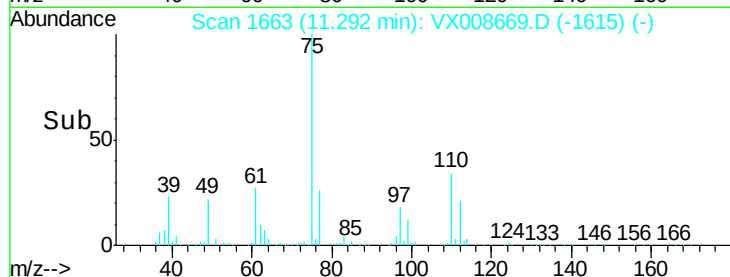
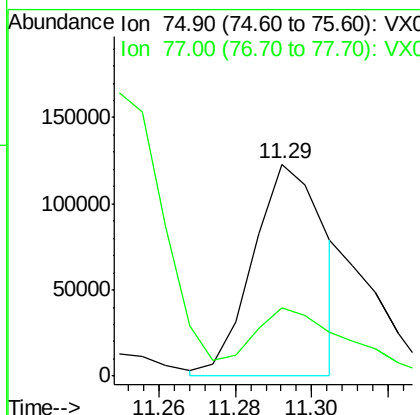
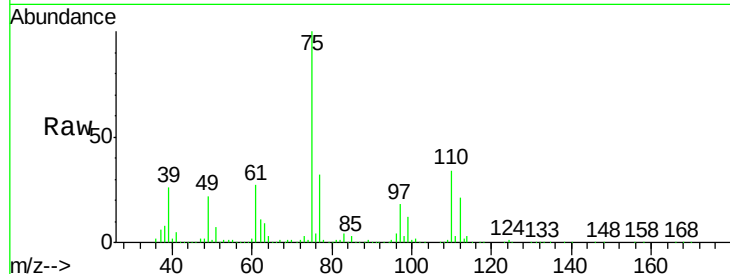
#76
1,2,3-Trichloropropane
Concen: 44.871 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion: 75 Resp: 158946
Ion Ratio Lower Upper
75 100
77 42.7 22.3 66.8

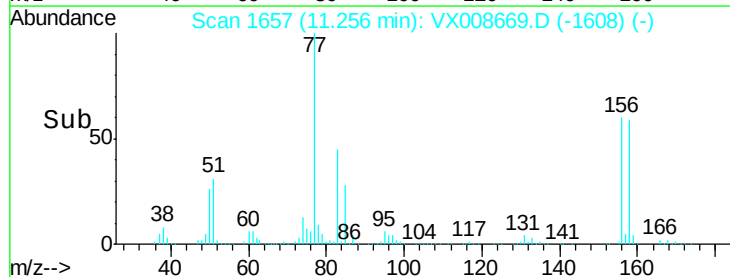
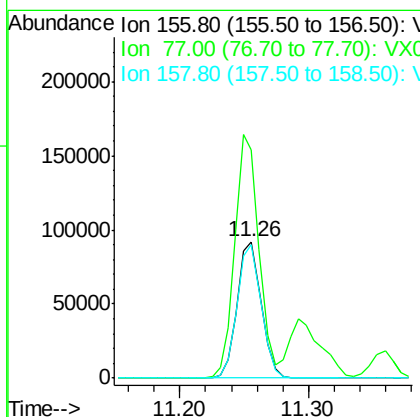
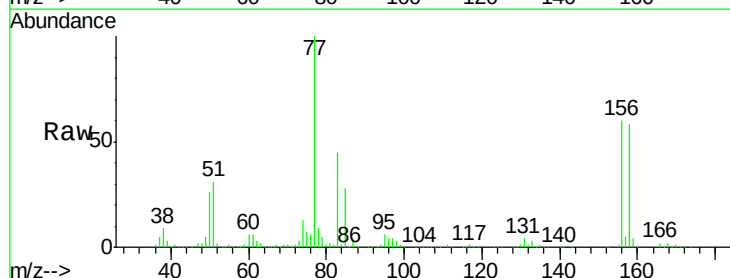
Manual Integrations
APPROVED

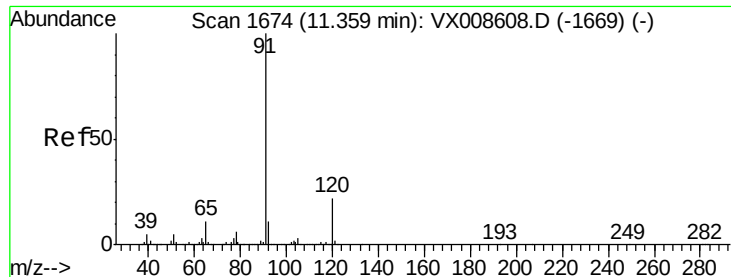
MMDadoda
4/5/2019 10:53:33 AM



#77
Bromobenzene
Concen: 46.735 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 156 Resp: 120060
Ion Ratio Lower Upper
156 100
77 178.0 89.8 269.6
158 97.5 48.6 145.9





#78

n-propylbenzene

Concen: 45.517 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

ClientSampleId :

ST006RW149-190402MSD

Tot Ion: 91 Resp: 566350

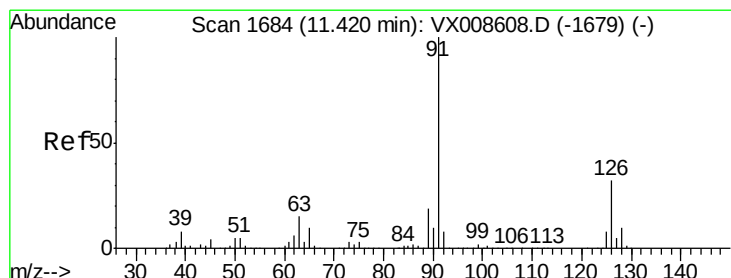
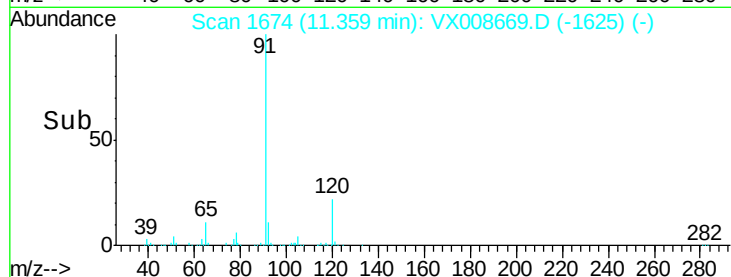
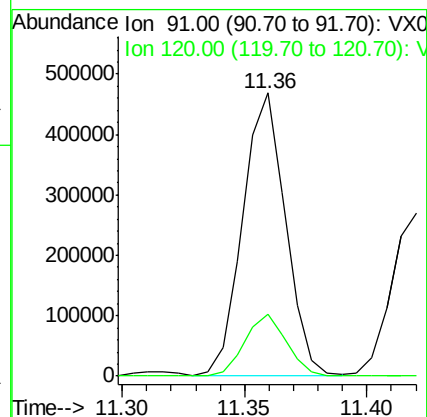
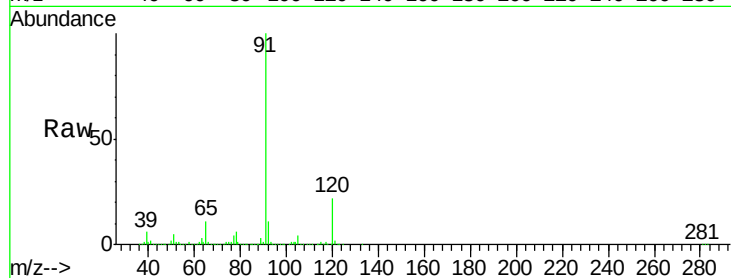
Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.7

Manual Integrations
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MMDadoda
4/5/2019 10:53:33 AM



#79

2-Chlorotoluene

Concen: 45.169 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008669.D

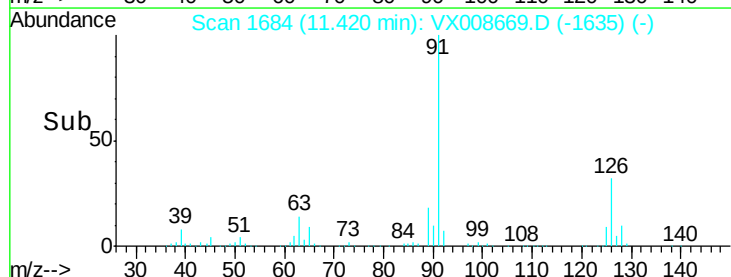
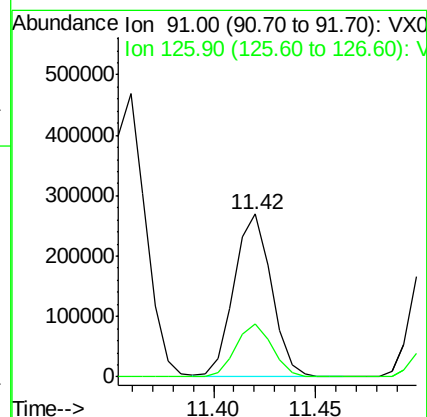
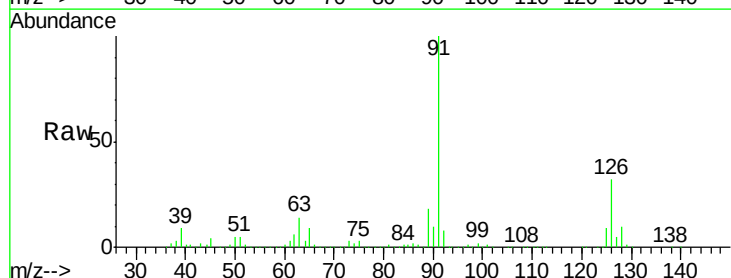
Acq: 05 Apr 2019 04:55

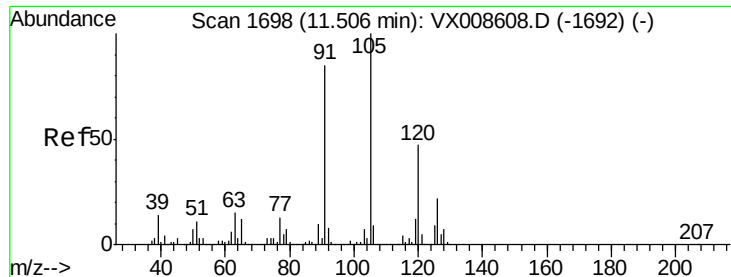
Tgt Ion: 91 Resp: 340111

Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3





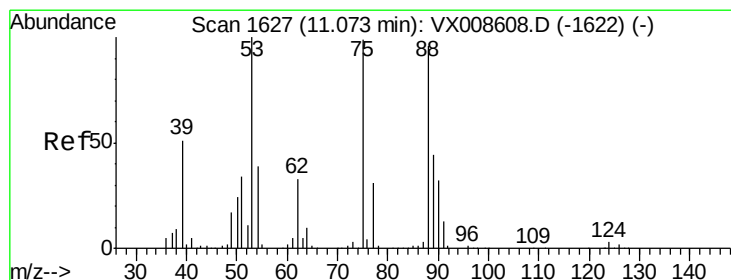
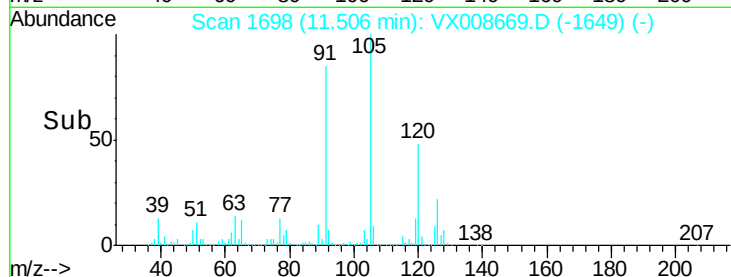
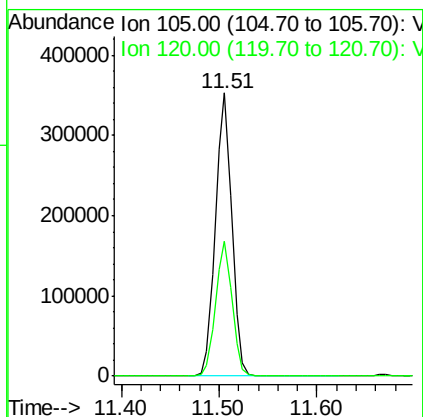
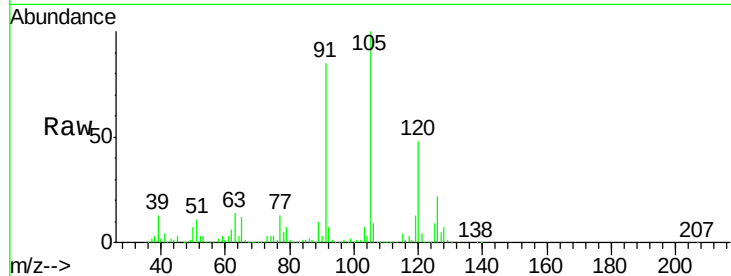
#80
 1,3,5-Trimethylbenzene
 Concen: 45.718 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion:105 Resp: 410095
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.5 70.6

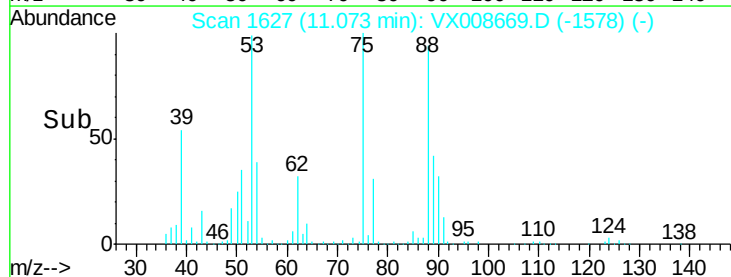
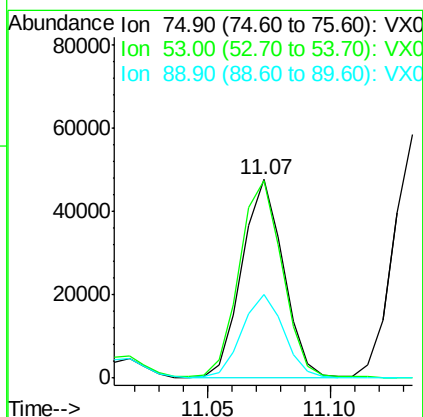
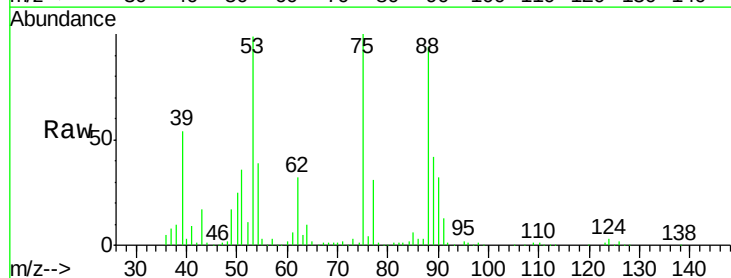
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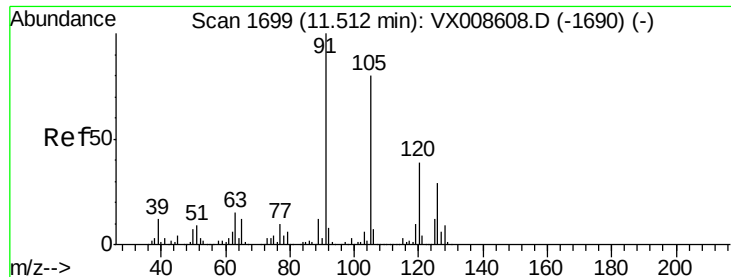
MMDadoda
 4/5/2019 10:53:33 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.726 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion: 75 Resp: 56190
 Ion Ratio Lower Upper
 75 100
 53 103.3 81.3 121.9
 89 42.8 35.6 53.4





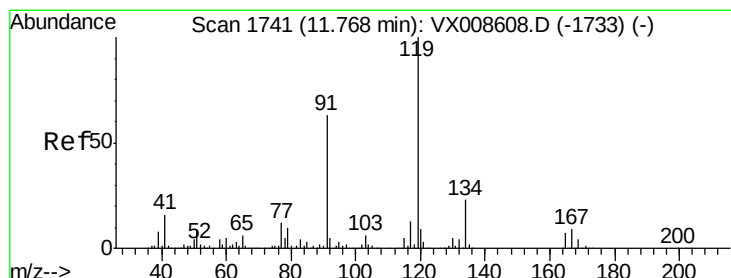
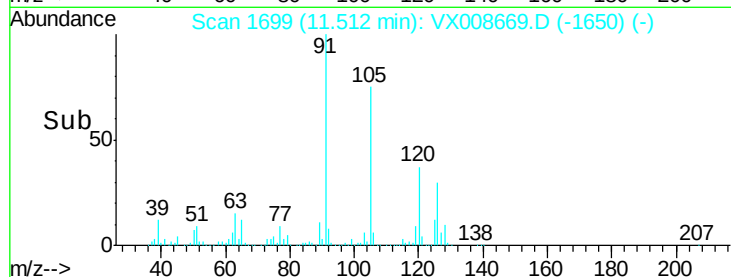
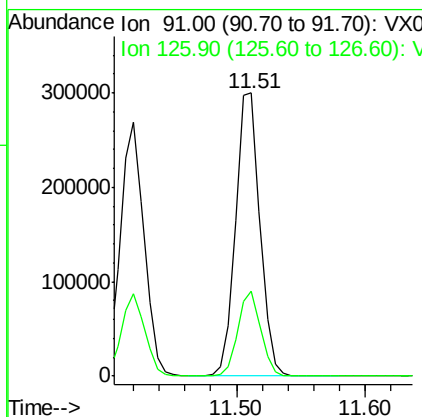
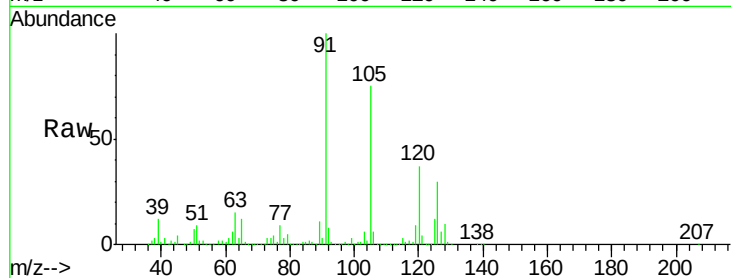
#82
4-Chlorotoluene
Concen: 45.329 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion: 91 Resp: 395082
Ion Ratio Lower Upper
91 100
126 28.4 13.9 41.6

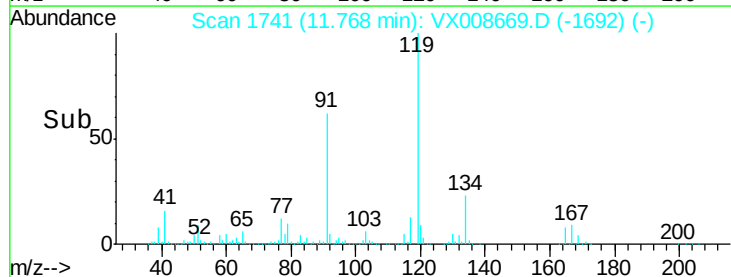
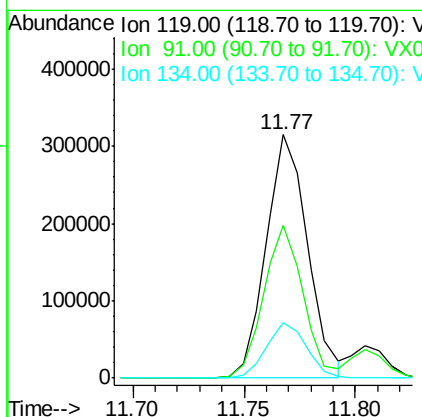
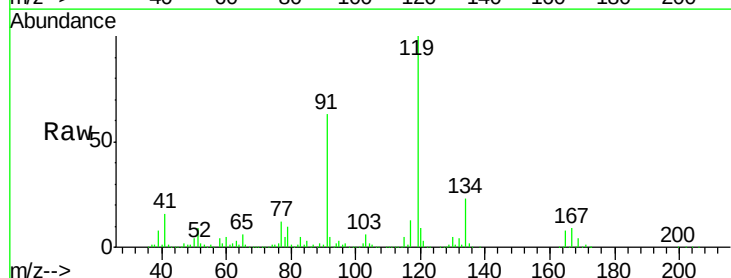
Manual Integrations
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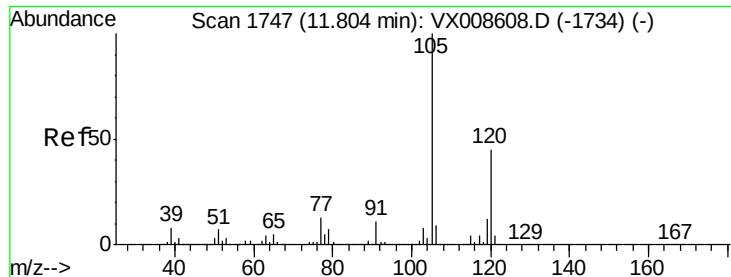
MMDadoda
4/5/2019 10:53:33 AM



#83
tert-Butylbenzene
Concen: 47.054 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion: 119 Resp: 406075
Ion Ratio Lower Upper
119 100
91 60.0 30.0 90.1
134 22.1 11.1 33.3





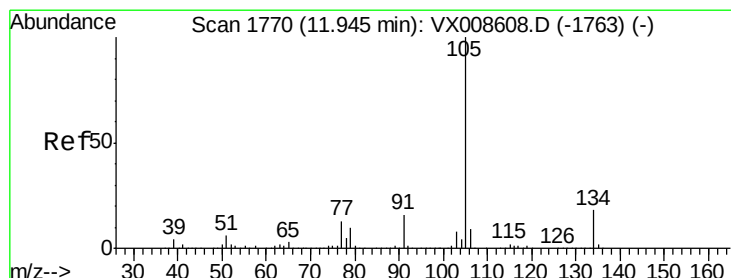
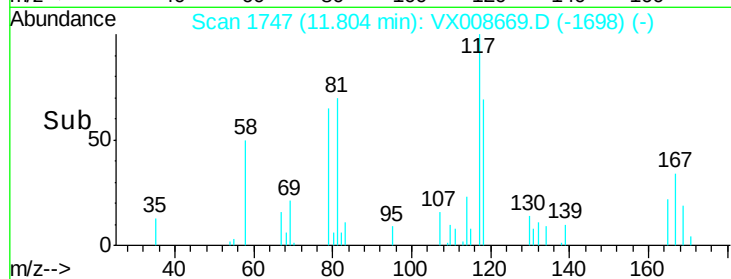
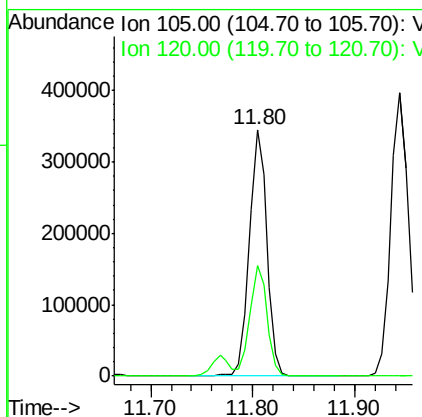
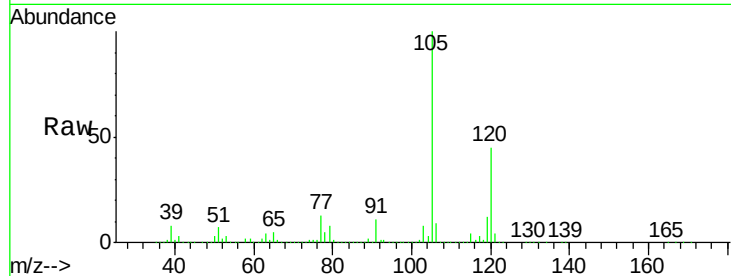
#84
 1,2,4-Trimethylbenzene
 Concen: 45.816 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion:105 Resp: 416139
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

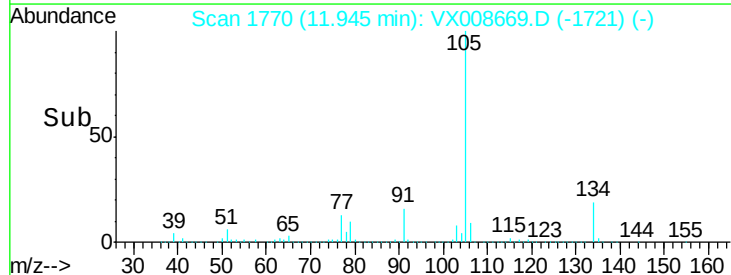
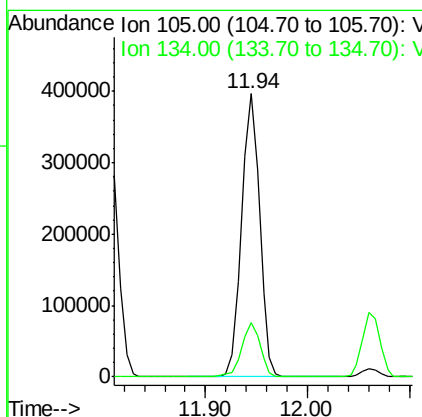
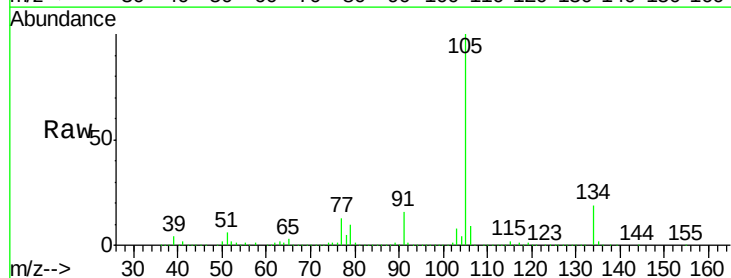
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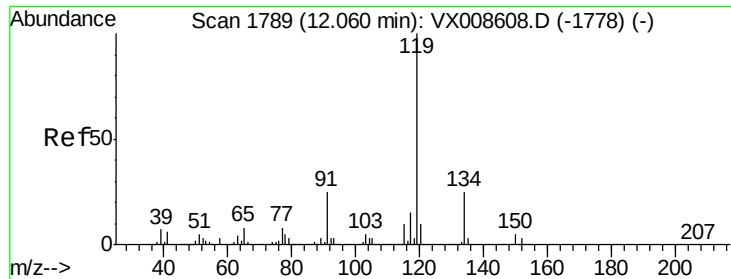
MMDadoda
 4/5/2019 10:53:33 AM



#85
 sec-Butylbenzene
 Concen: 47.029 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion:105 Resp: 482084
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.4 28.2





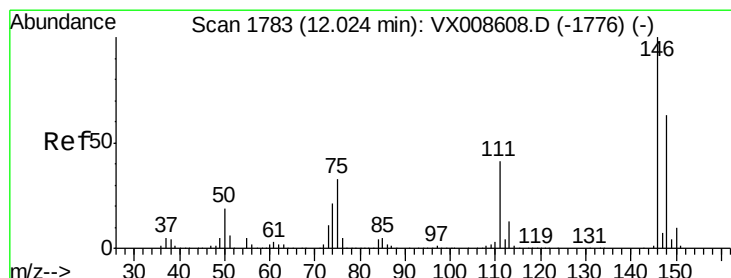
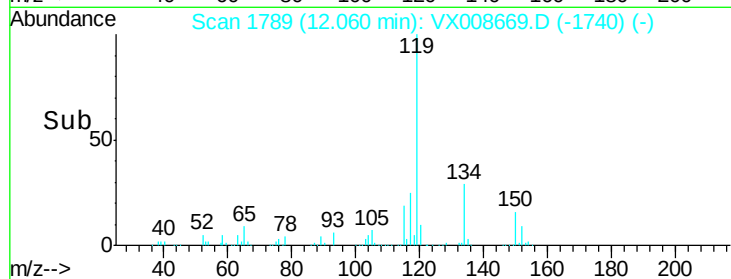
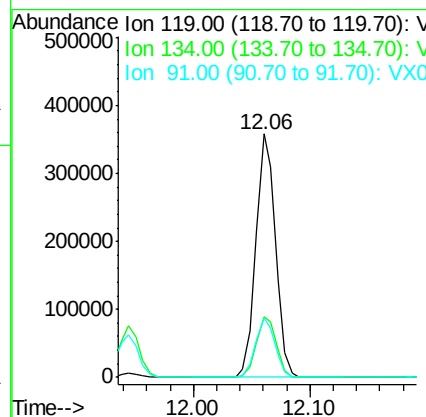
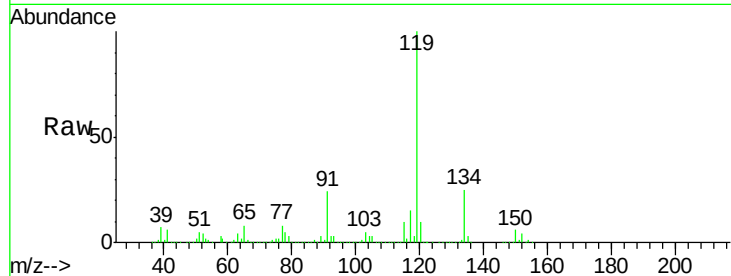
#86
 p-Isopropyltoluene
 Concen: 45.844 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	421791		
134	25.4	12.8	38.4	
91	24.0	12.2	36.6	

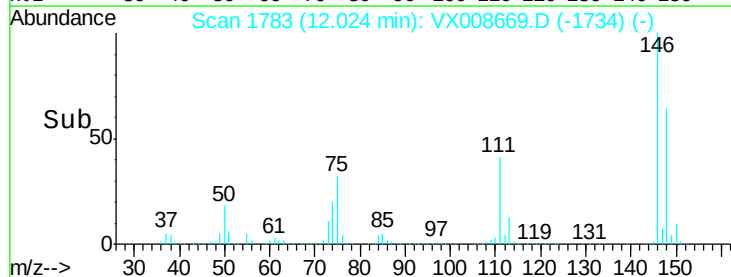
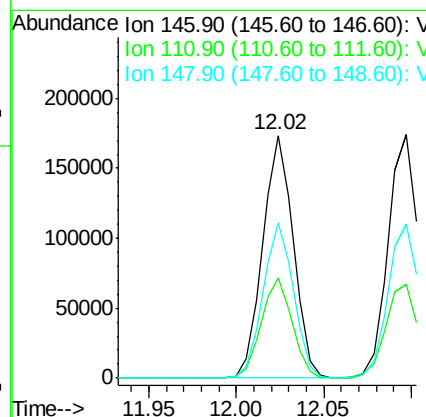
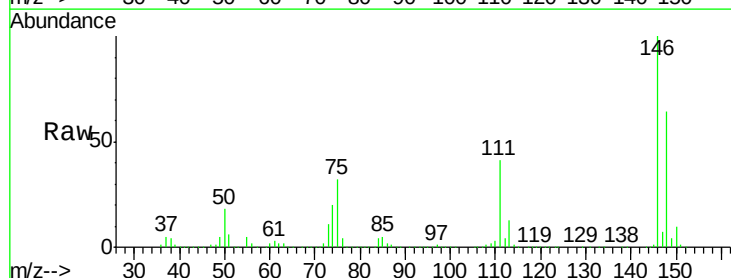
Manual Integrations
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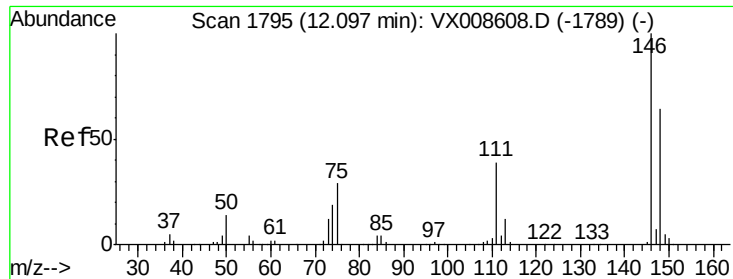
MMDadoda
 4/5/2019 10:53:33 AM



#87
 1,3-Dichlorobenzene
 Concen: 45.932 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	211243		
111	41.4	20.5	61.5	
148	63.4	31.6	94.7	





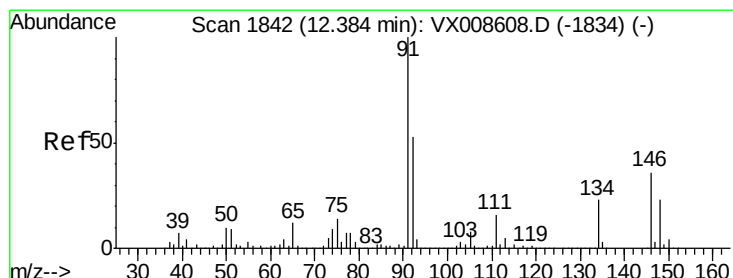
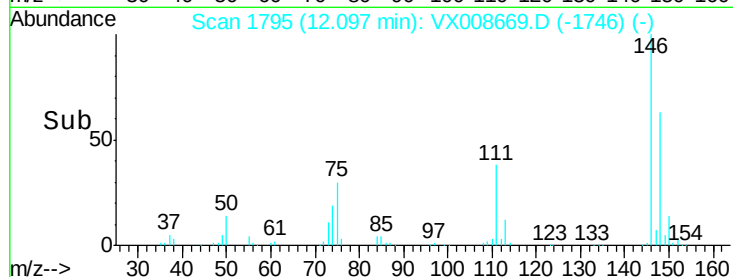
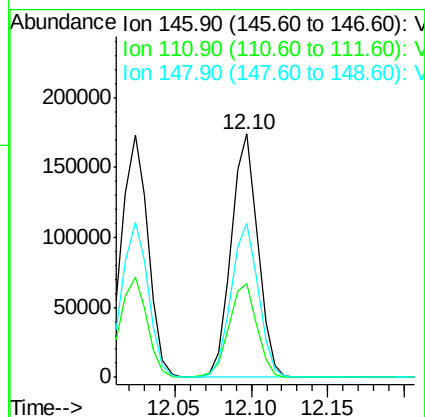
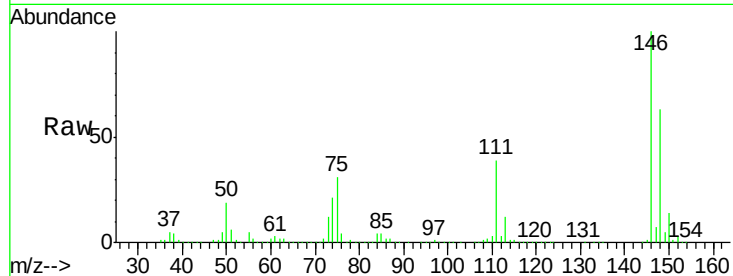
#88
 1,4-Dichlorobenzene
 Concen: 45.102 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	64.4	32.0	96.0

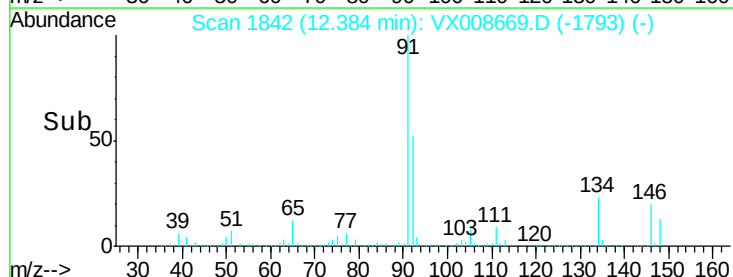
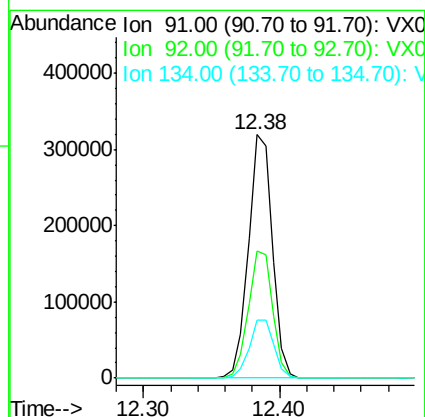
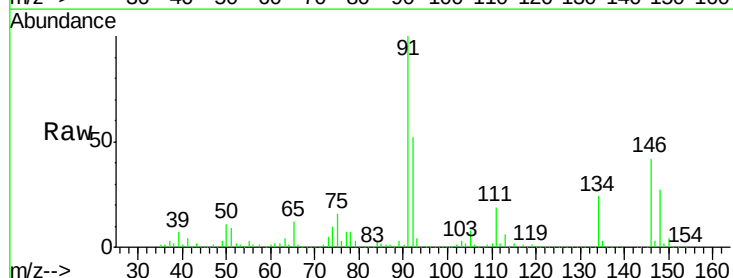
Manual Integrations
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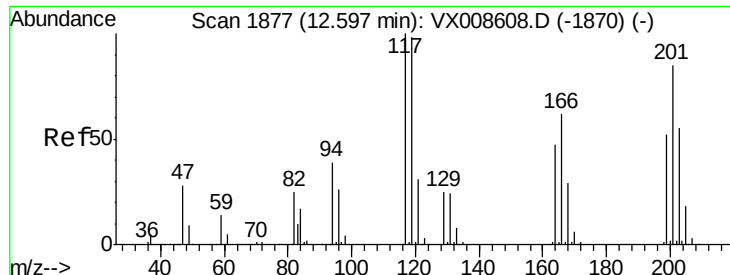
MMDadoda
 4/5/2019 10:53:33 AM



#89
 n-Butylbenzene
 Concen: 45.647 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	24.6	12.0	36.0





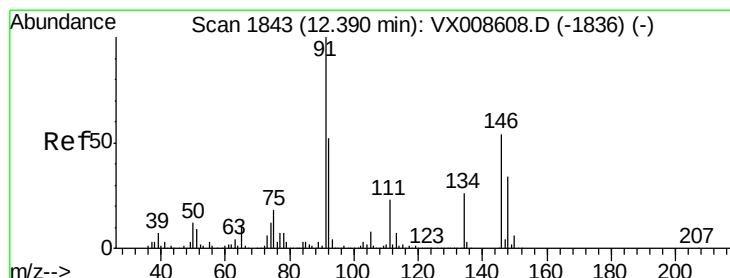
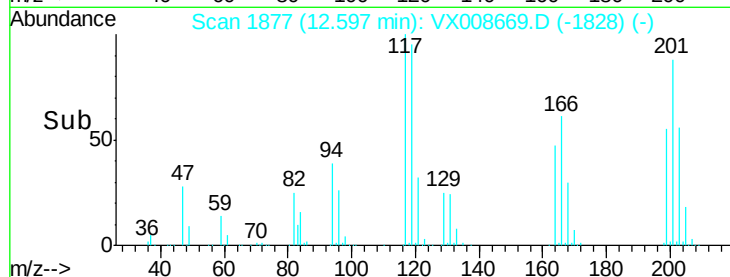
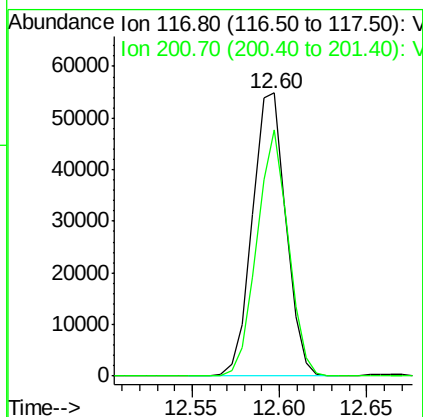
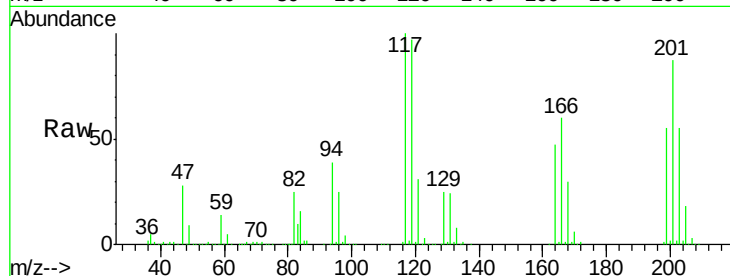
#90
Hexachloroethane
Concen: 47.940 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Instrument :
MSVOA_X
ClientSampleId :
ST006RW149-190402MSD

Tot Ion:117 Resp: 73156
Ion Ratio Lower Upper
117 100
201 81.2 40.6 122.0

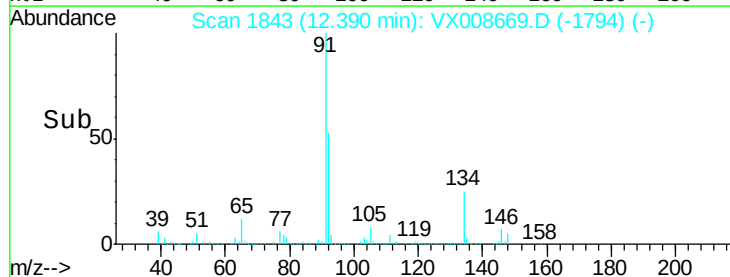
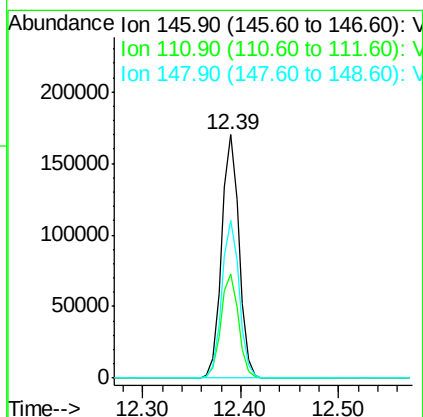
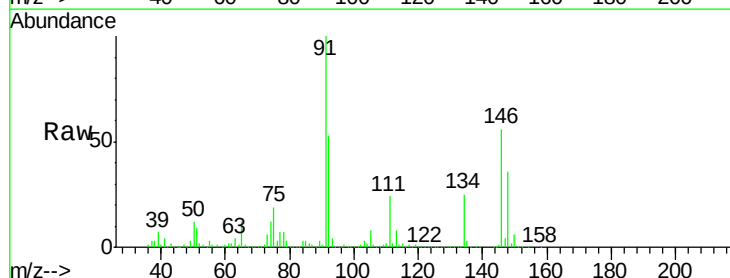
Manual Integrations
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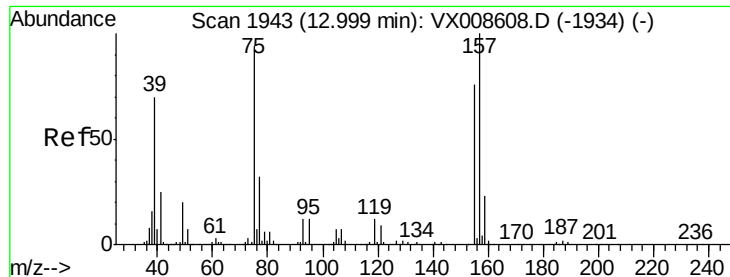
MMDadoda
4/5/2019 10:53:33 AM



#91
1,2-Dichlorobenzene
Concen: 45.826 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008669.D
Acq: 05 Apr 2019 04:55

Tgt Ion:146 Resp: 209251
Ion Ratio Lower Upper
146 100
111 43.3 21.3 63.9
148 64.9 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.814 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

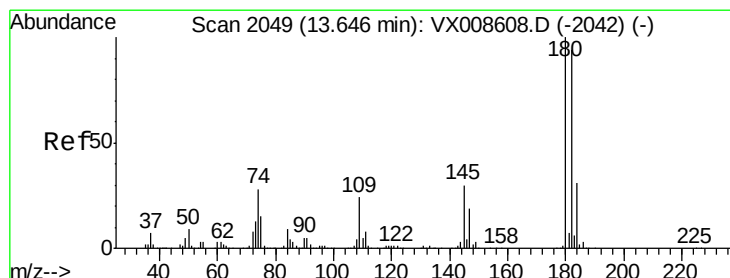
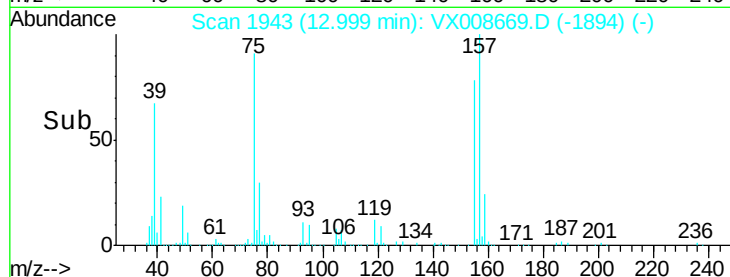
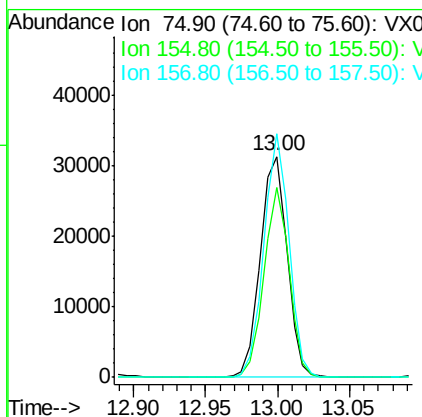
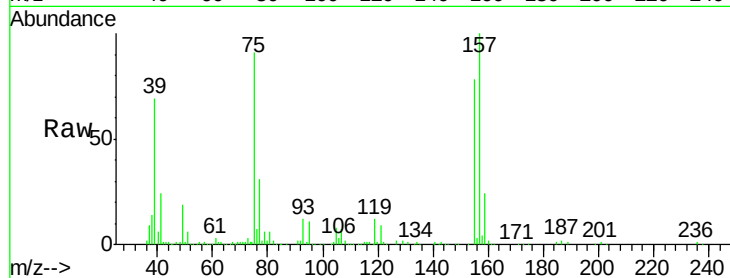
ClientSampleId :

ST006RW149-190402MSD

Tot Ion:	75	Resp:	40065
Ion Ratio	Lower	Upper	
75	100		
155	80.8	39.9	119.6
157	103.2	51.5	154.7

Manual Integrations
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MMDadoda
4/5/2019 10:53:33 AM



#93

1,2,4-Trichlorobenzene

Concen: 45.663 ug/l

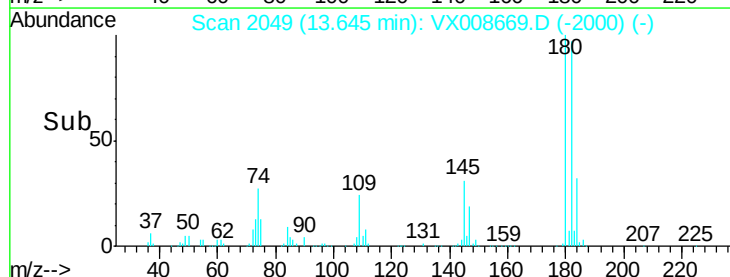
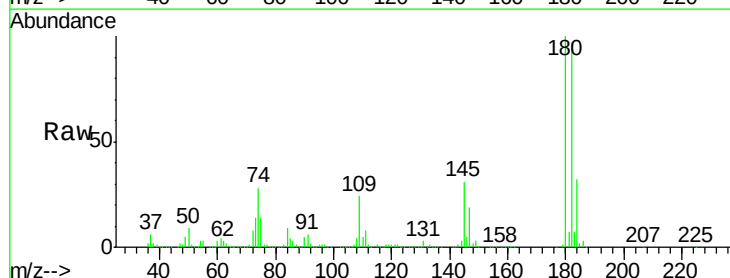
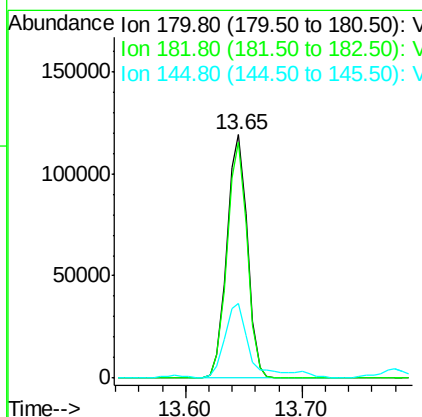
RT: 13.65 min Scan# 2049

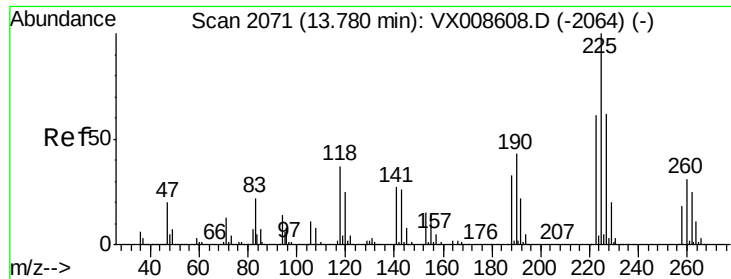
Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Tgt Ion:	180	Resp:	144974
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.2	141.6
145	38.2	15.3	45.9





#94

Hexachlorobutadiene

Concen: 43.980 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008669.D

Acq: 05 Apr 2019 04:55

Instrument :

MSVOA_X

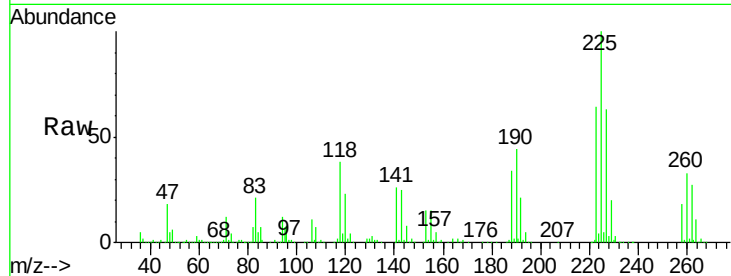
ClientSampleId :

ST006RW149-190402MSD

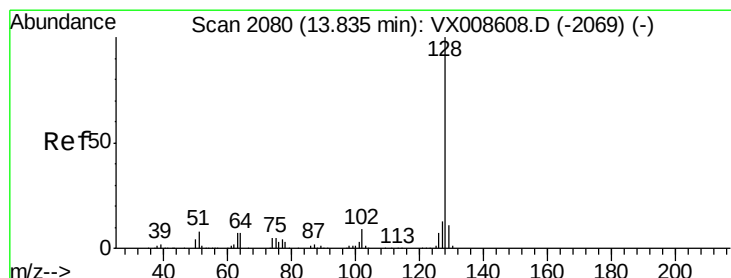
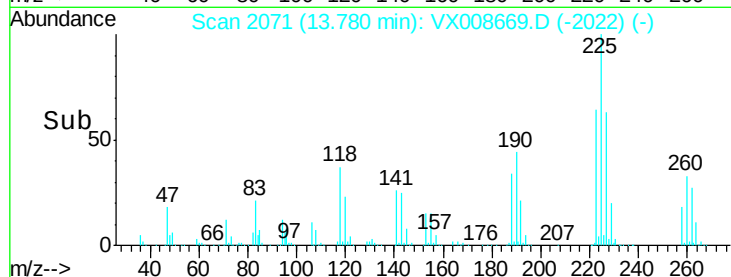
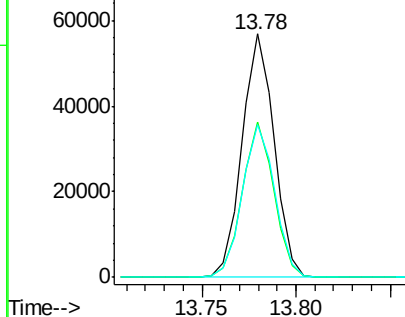
Tot Ion:	225	Resp:	66965
Ion Ratio		Lower	Upper
225	100		
223	62.8	31.2	93.6
227	63.4	31.9	95.5

Manual Integrations
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MMDadoda
4/5/2019 10:53:33 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.607 ug/l

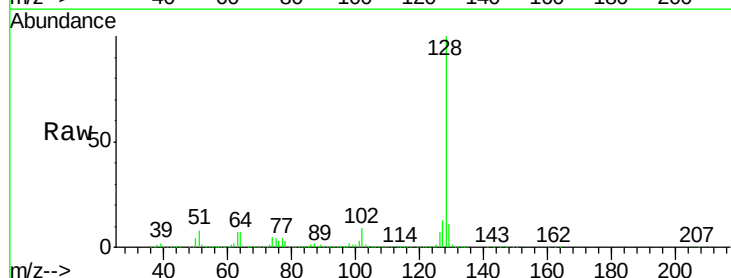
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

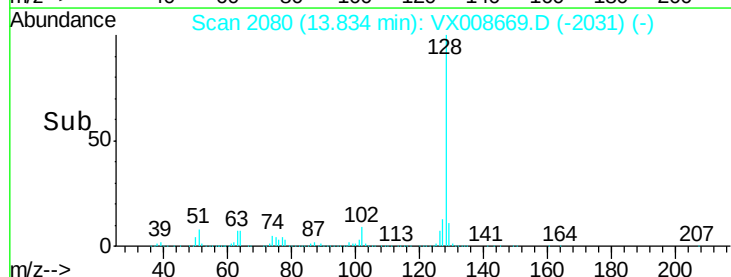
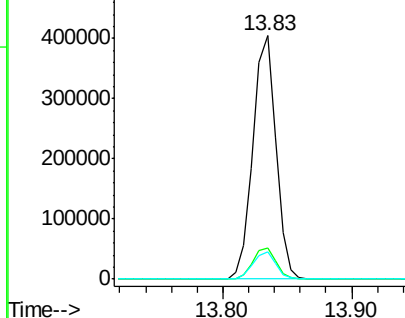
Lab File: VX008669.D

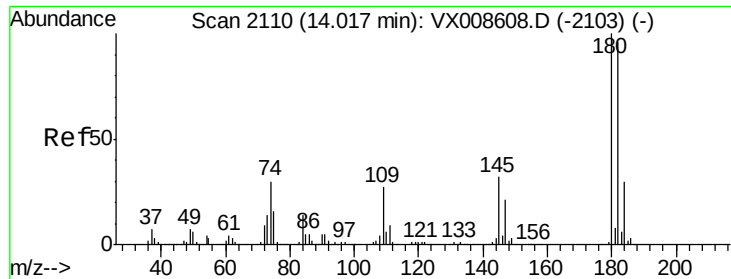
Acq: 05 Apr 2019 04:55

Tgt Ion:	128	Resp:	494551
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





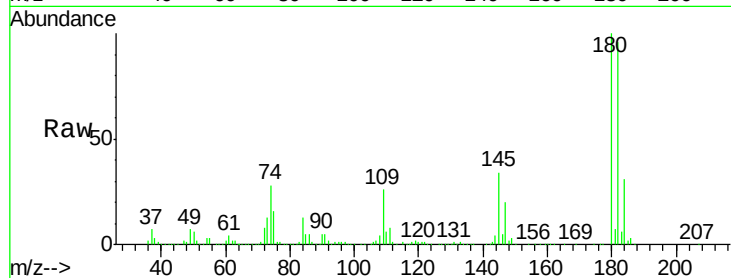
#96
 1,2,3-Trichlorobenzene
 Concen: 45.464 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008669.D
 Acq: 05 Apr 2019 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW149-190402MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	48.1	144.3
145	38.1	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

