

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009692.D
 Acq On : 18 May 2019 04:19
 Operator : JC/SP
 Sample : VX0517WBSD04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 10:47:07 AM

Quant Time: May 18 06:52:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	135456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	224651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	201904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	92243	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	68617	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.71	98	266212	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.13	95	98489	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21967	17.598	ug/l	99
3) Chloromethane	1.32	50	35232	20.674	ug/l	100
4) Vinyl Chloride	1.41	62	34490	20.755	ug/l	96
5) Bromomethane	1.64	94	21908	21.965	ug/l	97
6) Chloroethane	1.71	64	22725	21.299	ug/l	100
7) Trichlorofluoromethane	1.93	101	43570	21.569	ug/l	98
8) Diethyl Ether	2.19	74	21461	22.429	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	25874	20.397	ug/l	99
10) Methyl Iodide	2.51	142	25567	20.347	ug/l	99
11) Tert butyl alcohol	3.05	59	53426	124.818	ug/l	99
12) 1,1-Dichloroethene	2.37	96	26870	21.141	ug/l	97
13) Acrolein	2.29	56	37793	97.496	ug/l	99
14) Allyl chloride	2.73	41	64356	20.778	ug/l	99
15) Acrylonitrile	3.14	53	124813	119.260	ug/l	99
16) Acetone	2.45	43	111650	112.447	ug/l	99
17) Carbon Disulfide	2.57	76	67039	18.787	ug/l	100
18) Methyl Acetate	2.78	43	58456	24.755	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	112286	22.751	ug/l	99
20) Methylene Chloride	2.85	84	34706	21.588	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	29012	21.048	ug/l	97
22) Diisopropyl ether	3.85	45	137034	23.005	ug/l	91
23) Vinyl Acetate	3.82	43	588222	115.322	ug/l	99
24) 1,1-Dichloroethane	3.70	63	65513	22.295	ug/l	99
25) 2-Butanone	4.68	43	186311	120.749	ug/l	100
26) 2,2-Dichloropropane	4.59	77	28394	12.982	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	35797	21.758	ug/l	97
28) Bromochloromethane	5.02	49	28281	22.396	ug/l	96
29) Tetrahydrofuran	5.13	42	122622	123.501	ug/l	99
30) Chloroform	5.21	83	60169	22.640	ug/l	99
31) Cyclohexane	5.58	56	56356	20.614	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	48757	22.038	ug/l	99
36) 1,1-Dichloropropene	5.81	75	42740	20.472	ug/l	99
37) Ethyl Acetate	4.84	43	69351	23.842	ug/l	99
38) Carbon Tetrachloride	5.79	117	39032	20.578	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48090	18.757	ug/l	99
40) Benzene	6.14	78	137685	21.310	ug/l	99
41) Methacrylonitrile	5.04	41	40226	23.232	ug/l	99
42) 1,2-Dichloroethane	6.20	62	52285	22.559	ug/l	100
43) Isopropyl Acetate	6.45	43	107000	22.997	ug/l	99
44) Trichloroethene	7.21	130	32411	20.750	ug/l	96
45) 1,2-Dichloropropane	7.51	63	39445	21.560	ug/l	98
46) Dibromomethane	7.66	93	23164	21.803	ug/l	99
47) Bromodichloromethane	7.90	83	46126	21.765	ug/l	97
48) Methyl methacrylate	7.77	41	53195	23.045	ug/l	99
49) 1,4-Dioxane	7.74	88	21777	465.189	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	367233	120.754	ug/l	99
52) Toluene	8.79	92	84037	21.397	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	47464	19.837	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	53096	20.049	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36006	22.471	ug/l	97
56) Ethyl methacrylate	9.18	69	63755	22.290	ug/l	99
57) 1,3-Dichloropropane	9.37	76	60821	21.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	134471	88.623	ug/l	99
59) 2-Hexanone	9.49	43	286095	119.781	ug/l	98
60) Dibromochloromethane	9.58	129	33622	21.484	ug/l	99
61) 1,2-Dibromoethane	9.67	107	35288	21.817	ug/l	98
64) Tetrachloroethene	9.34	164	31375	22.654	ug/l	97
65) Chlorobenzene	10.14	112	88334	21.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	31864	21.761	ug/l	99
67) Ethyl Benzene	10.25	91	158802	21.364	ug/l	99
68) m/p-Xylenes	10.36	106	115847	42.648	ug/l	98
69) o-Xylene	10.69	106	57625	21.501	ug/l	99
70) Styrene	10.71	104	101475	21.784	ug/l	99
71) Bromoform	10.85	173	25110	21.101	ug/l #	99
73) Isopropylbenzene	11.02	105	153289	21.540	ug/l	99
74) N-amyl acetate	10.90	43	94446	22.764	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60807	22.921	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51730m	22.788	ug/l	
77) Bromobenzene	11.26	156	39166	22.174	ug/l	97
78) n-propylbenzene	11.36	91	173154	21.305	ug/l	100
79) 2-Chlorotoluene	11.42	91	107544	21.448	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	128893	21.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15565	17.544	ug/l	90
82) 4-Chlorotoluene	11.51	91	120224	21.224	ug/l	100
83) tert-Butylbenzene	11.77	119	122822	21.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	130307	21.665	ug/l	100
85) sec-Butylbenzene	11.94	105	146269	21.165	ug/l	100
86) p-Isopropyltoluene	12.06	119	131221	21.121	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	67717	21.505	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	67505	21.264	ug/l	99
89) n-Butylbenzene	12.38	91	113691	20.247	ug/l	99
90) Hexachloroethane	12.59	117	22537	21.292	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	69729	21.741	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13730	23.071	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46638	21.265	ug/l	99
94) Hexachlorobutadiene	13.78	225	23317	20.819	ug/l	98
95) Naphthalene	13.83	128	160894	22.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48702	21.907	ug/l	98

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

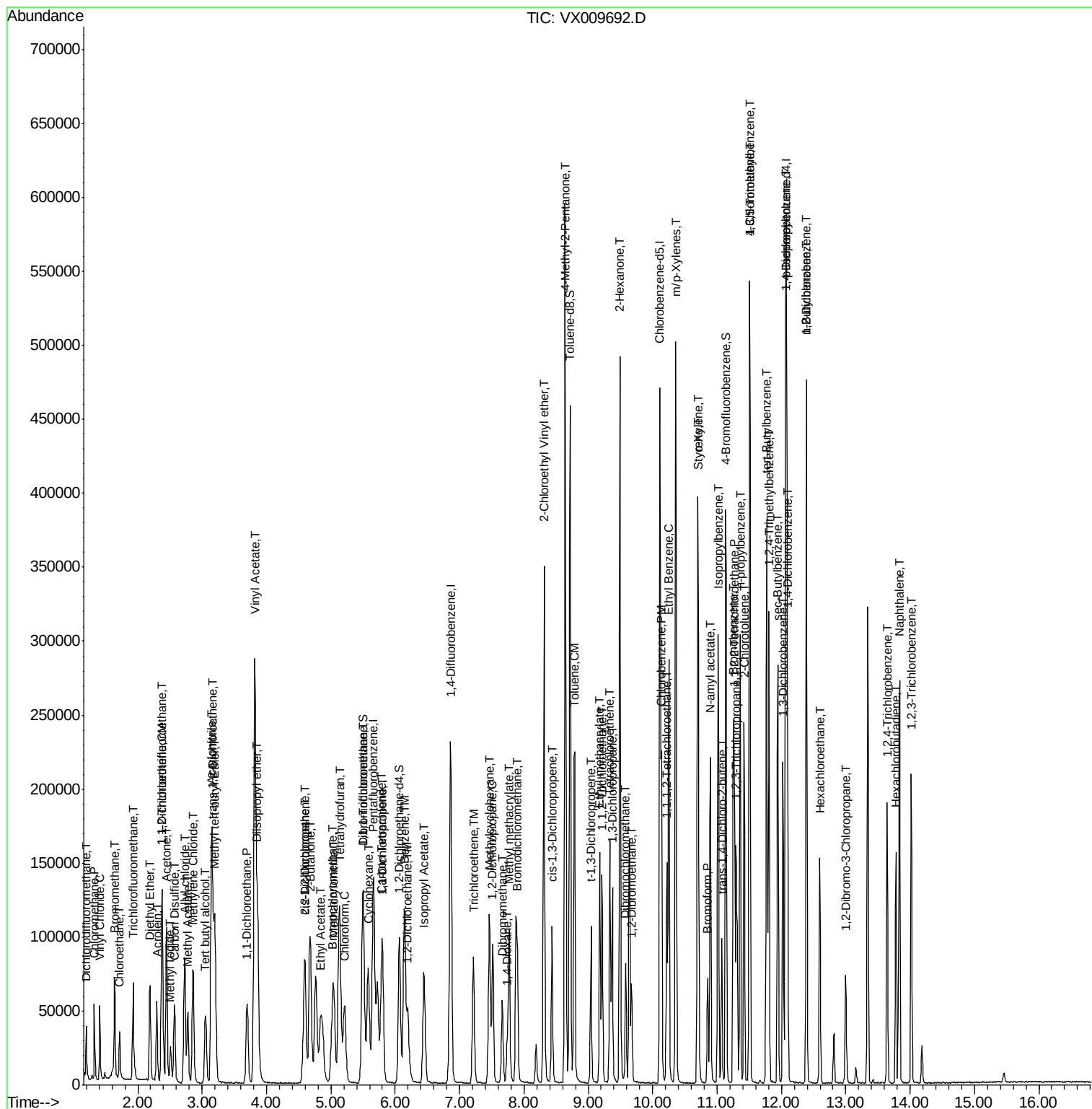
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Data File : VX009692.D
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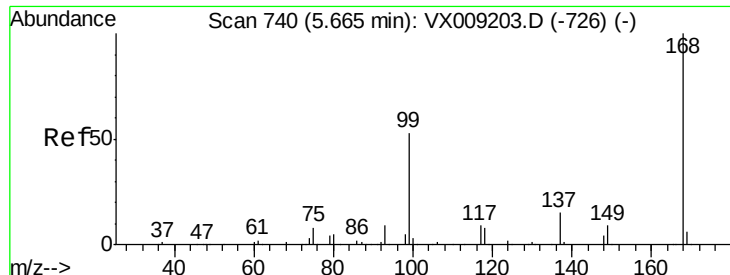
Instrument :
MSVOA_X
Client Sampled :
VX0517WBSD04

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion:168 Resp: 135456

Ion Ratio Lower Upper

168 100

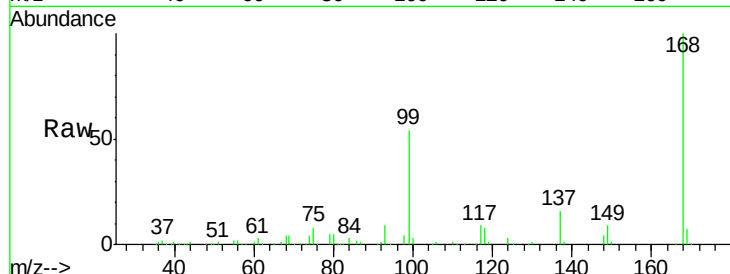
99 53.9 42.3 63.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

30000

20000

10000

0

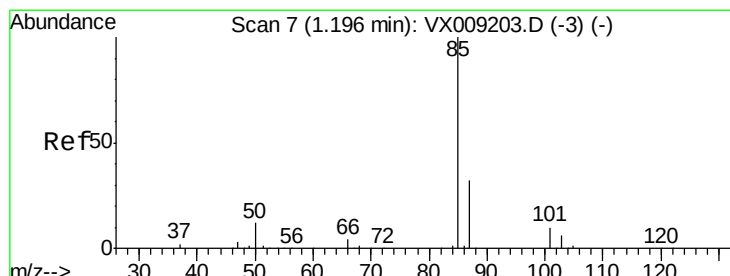
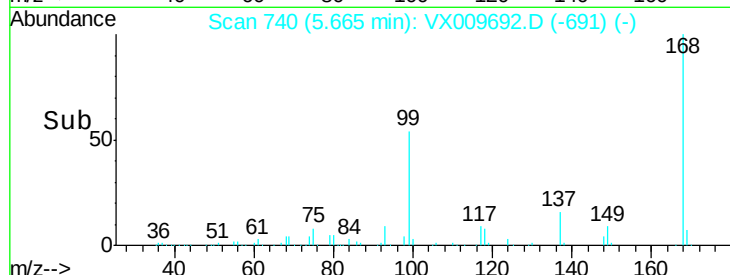
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 17.598 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009692.D

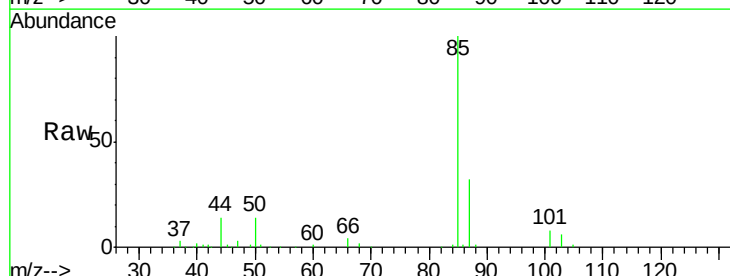
Acq: 18 May 2019 04:19

Tgt Ion: 85 Resp: 21967

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

15000

10000

5000

0

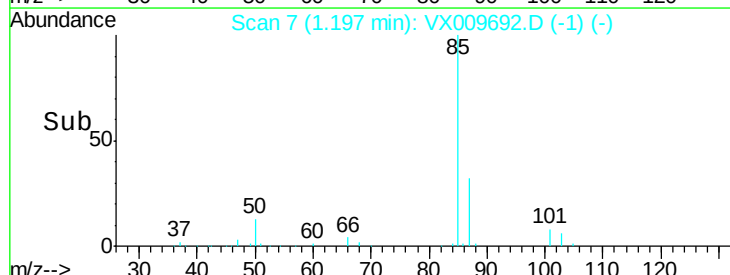
Time-->

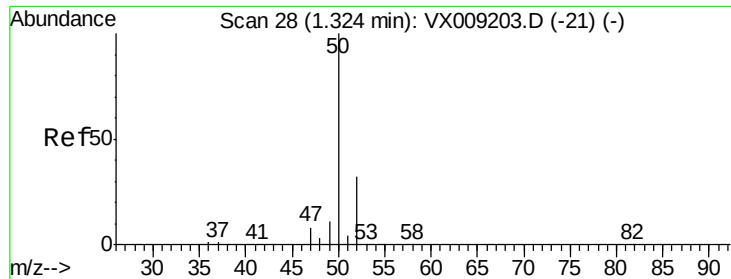
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 20.674 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 50 Resp: 35232

Ion Ratio Lower Upper

50 100

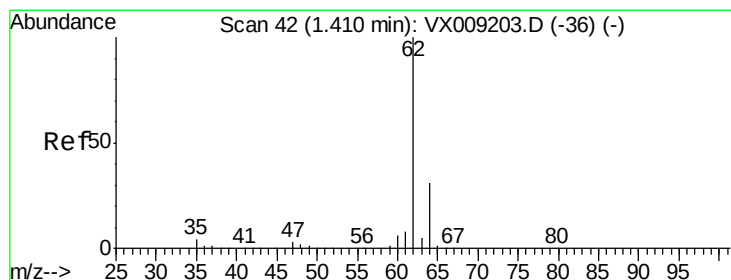
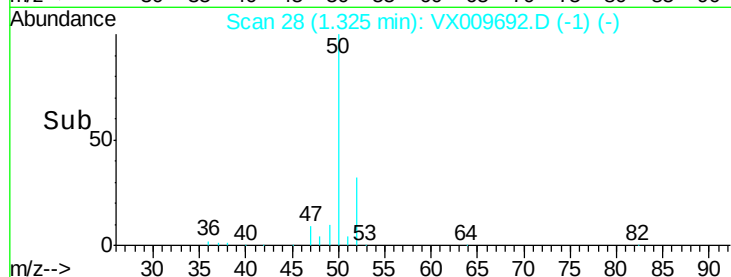
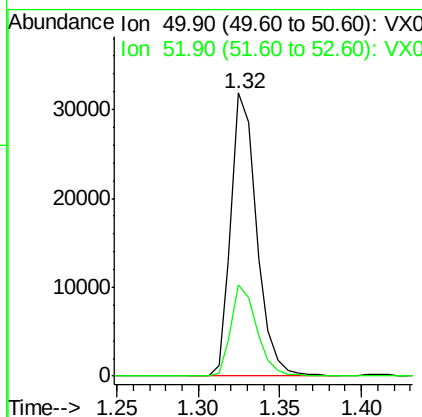
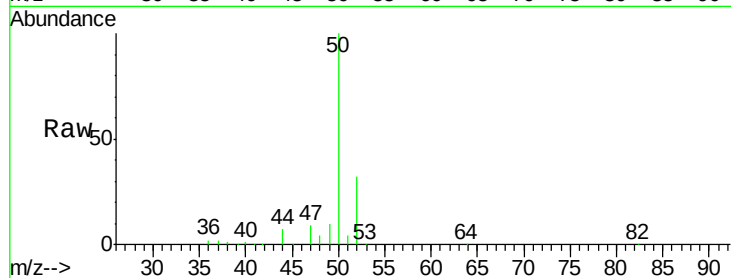
52 32.2 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.755 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009692.D

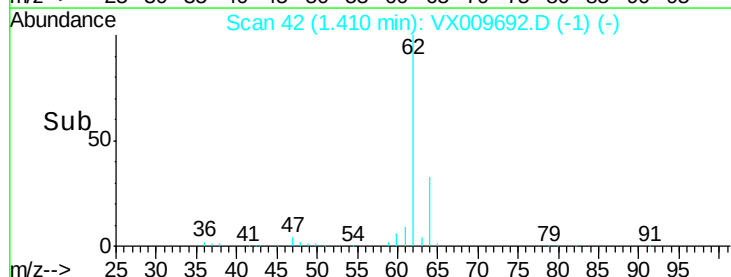
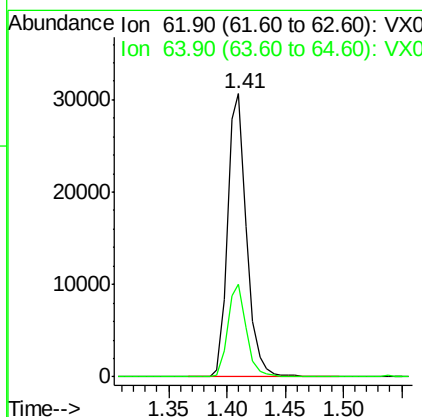
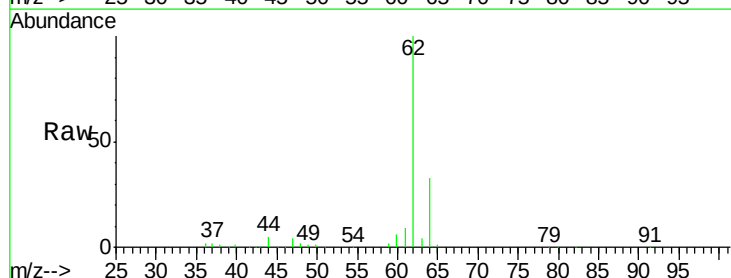
Acq: 18 May 2019 04:19

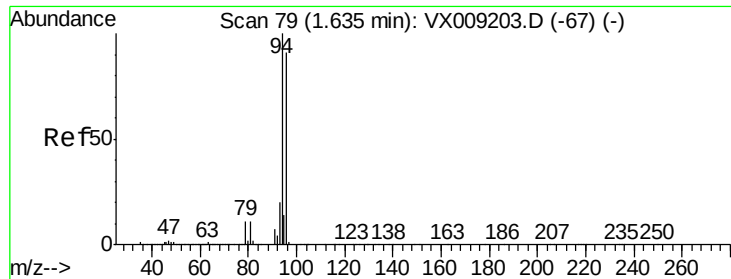
Tgt Ion: 62 Resp: 34490

Ion Ratio Lower Upper

62 100

64 32.6 24.6 36.8





#5

Bromomethane

Concen: 21.965 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

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ClientSampleId :

VX0517WBSD04

Tot Ion: 94 Resp: 21908

Ion Ratio Lower Upper

94 100

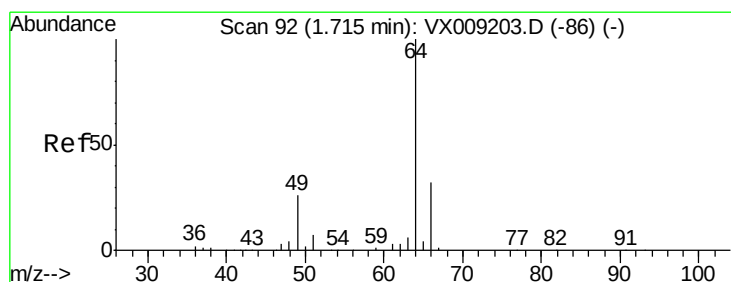
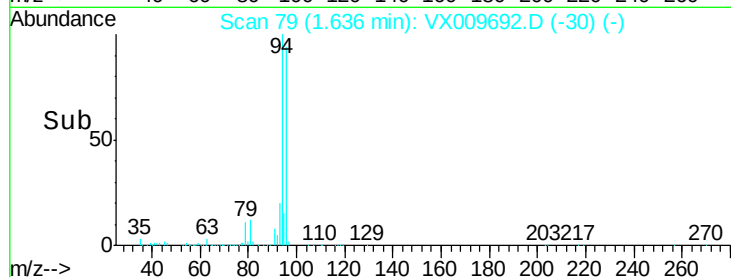
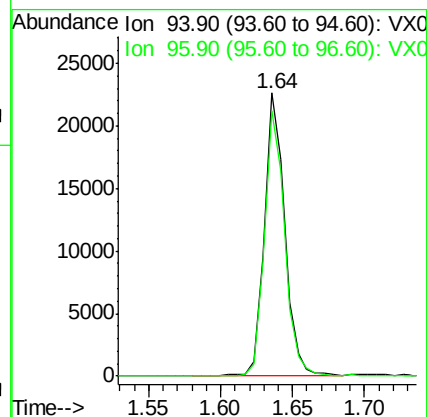
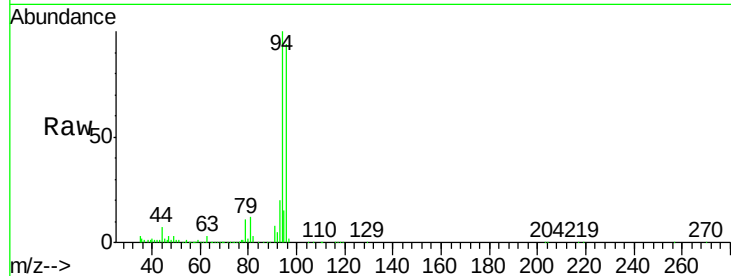
96 93.8 73.0 109.6

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#6

Chloroethane

Concen: 21.299 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009692.D

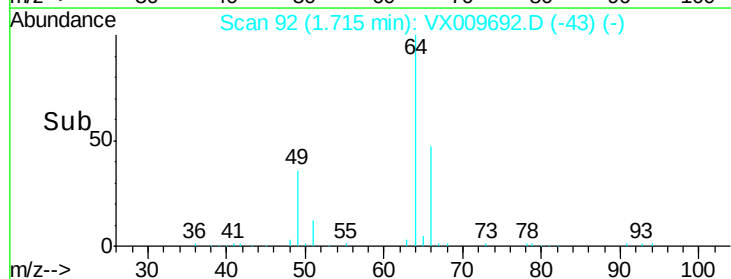
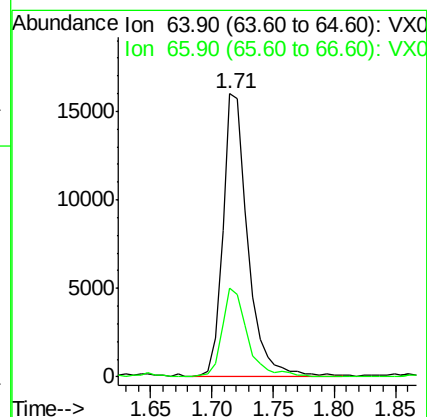
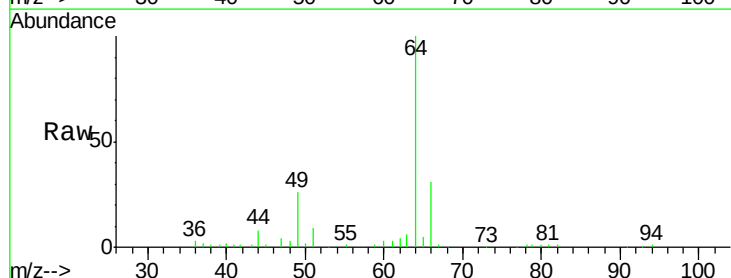
Acq: 18 May 2019 04:19

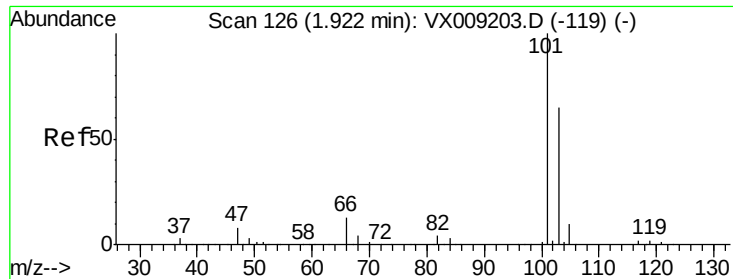
Tgt Ion: 64 Resp: 22725

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9





#7

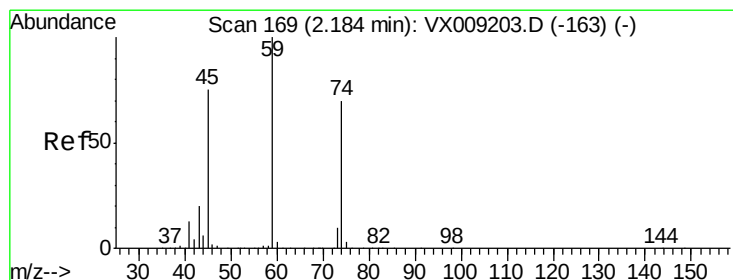
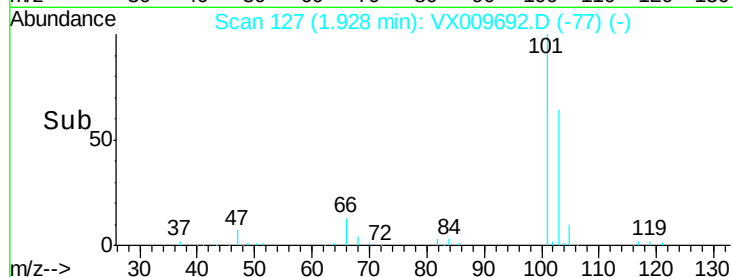
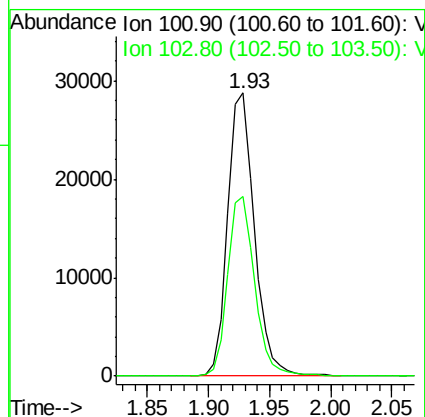
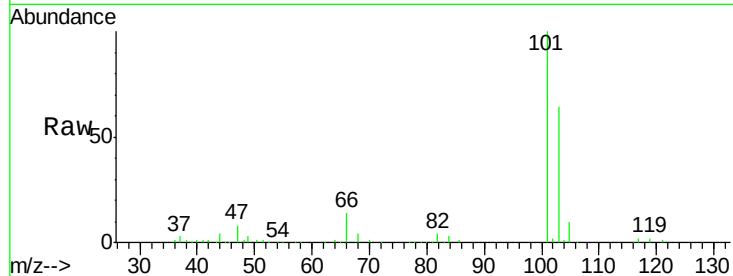
Trichlorofluoromethane
Concen: 21.569 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

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MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion:101 Resp: 43570
Ion Ratio Lower Upper
101 100
103 63.5 52.4 78.6

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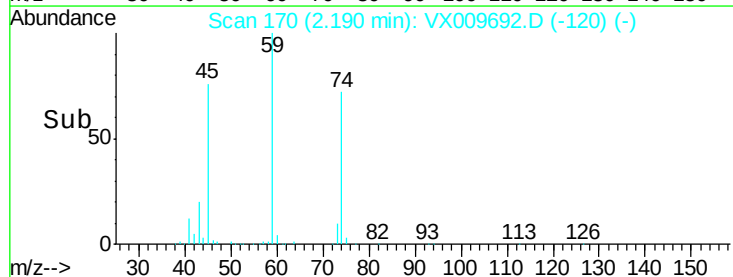
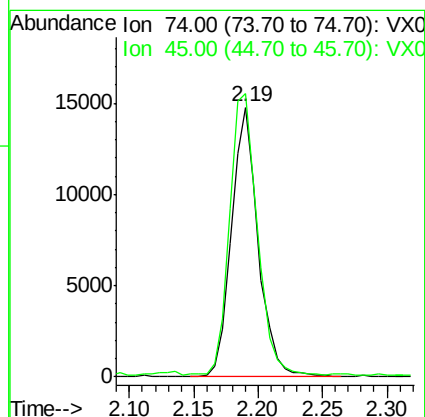
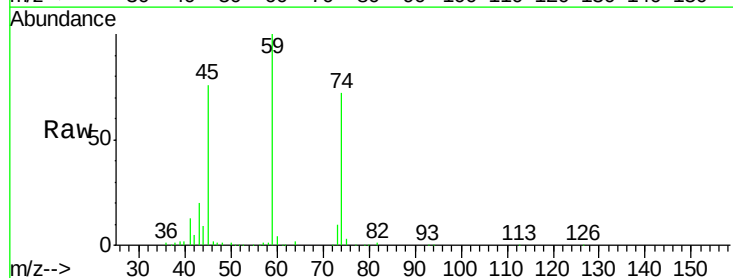
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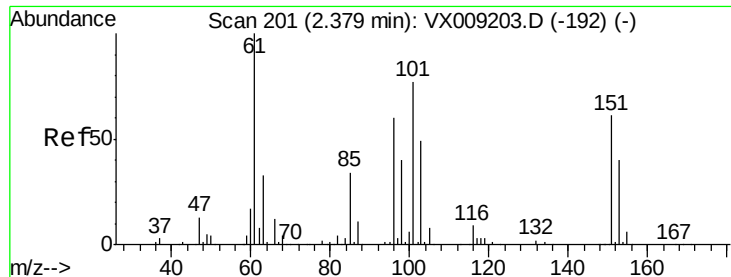


#8

Diethyl Ether
Concen: 22.429 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 74 Resp: 21461
Ion Ratio Lower Upper
74 100
45 108.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.397 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

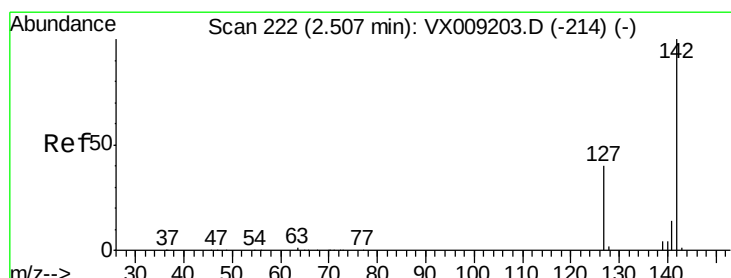
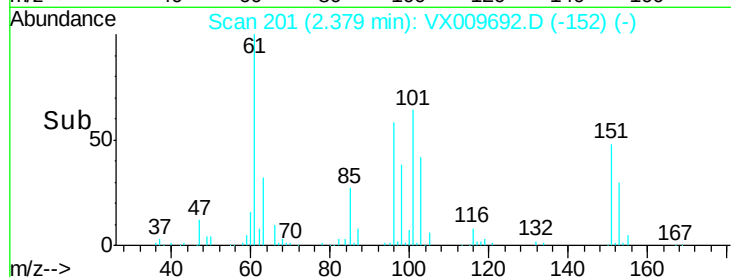
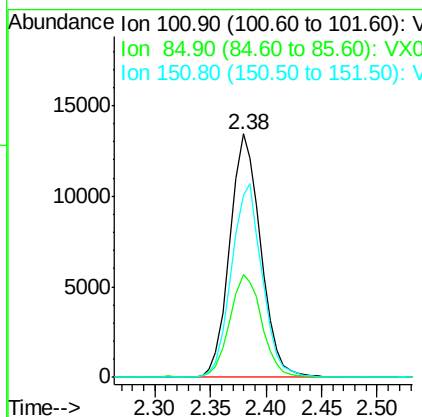
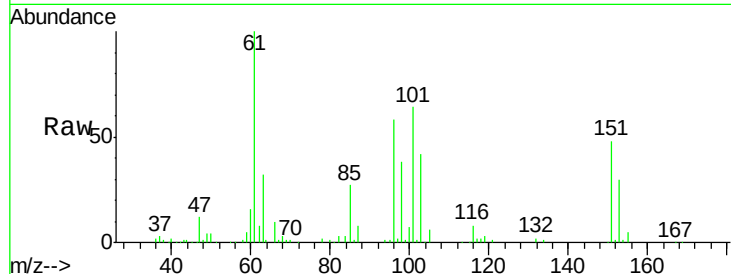
ClientSampleId :

VX0517WBSD04

Tot Ion:	101	Resp:	25874
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.7	53.5
151	78.8	62.2	93.2

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#10

Methyl Iodide

Concen: 20.347 ug/l

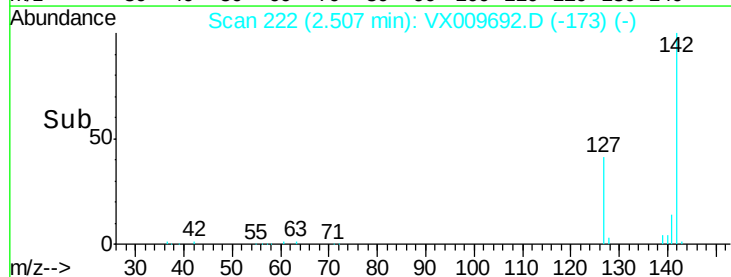
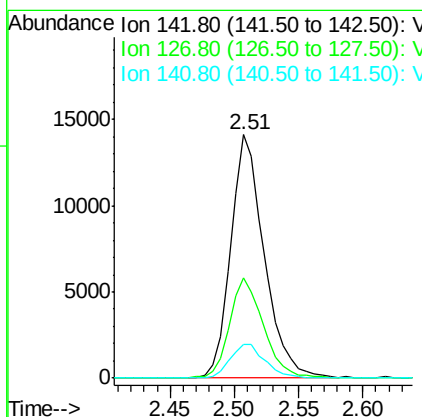
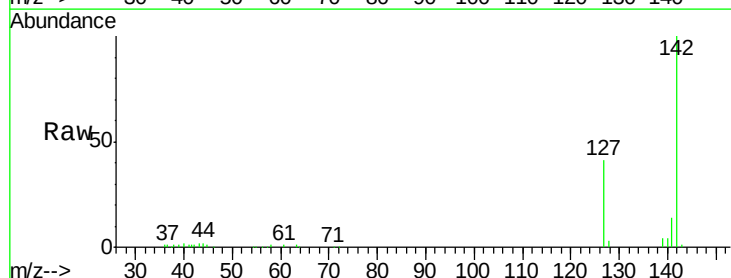
RT: 2.51 min Scan# 222

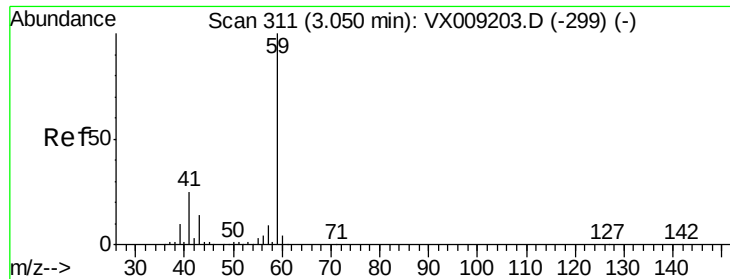
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	142	Resp:	25567
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.7	49.1
141	14.4	11.5	17.3





#11

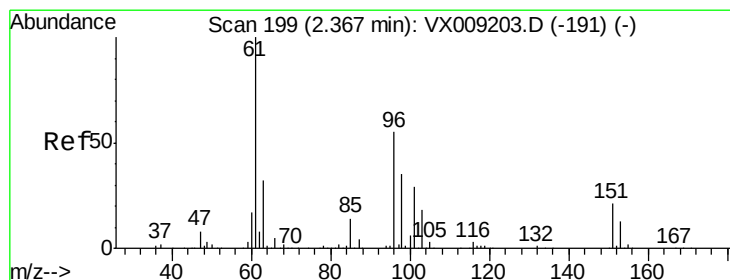
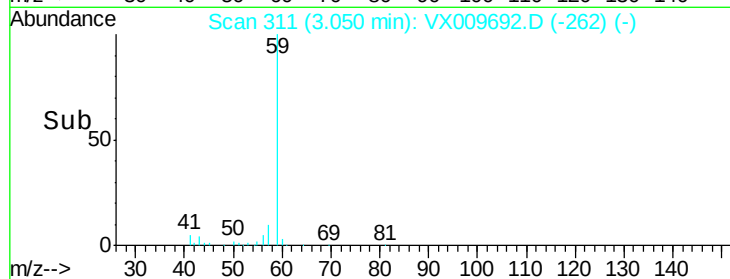
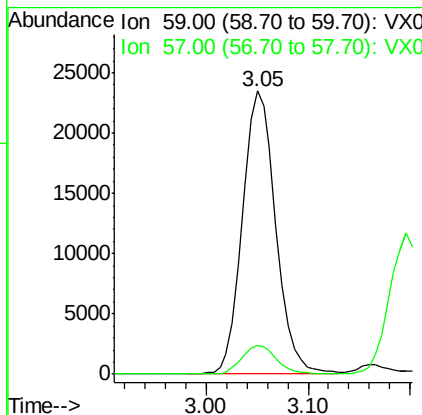
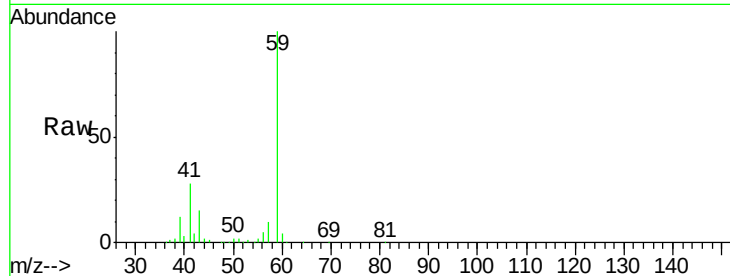
Tert butyl alcohol
 Concen: 124.818 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	59	Resp	53426
Ion Ratio	100	Lower	Upper
57	10.7	8.2	12.2

Manual Integrations
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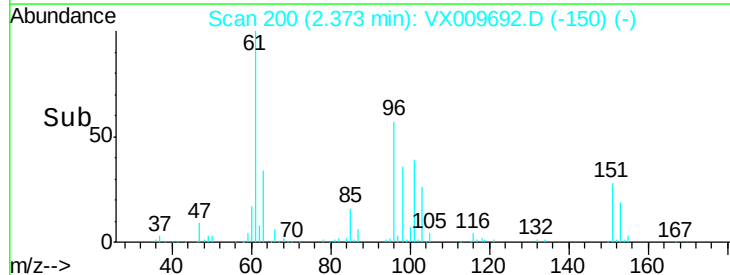
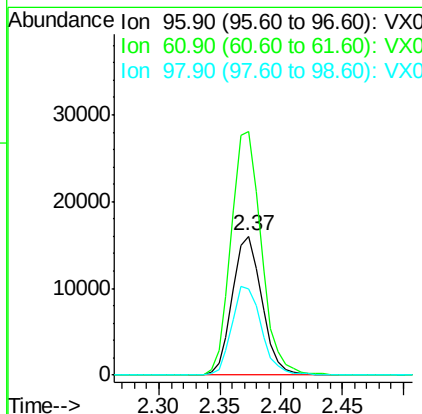
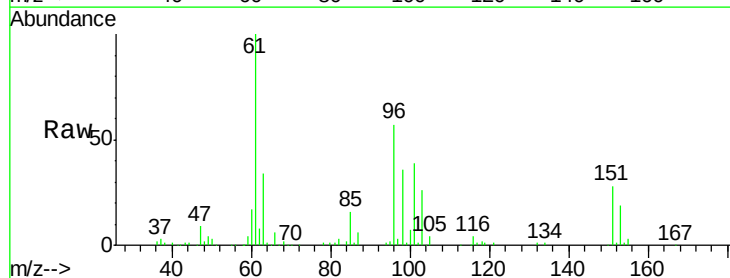
MMDadoda
 5/20/2019 10:47:07 AM

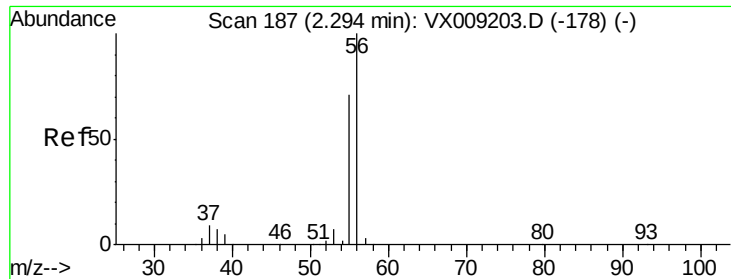


#12

1,1-Dichloroethene
 Concen: 21.141 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	96	Resp	26870
Ion Ratio	100	Lower	Upper
61	175.3	144.3	216.5
98	62.4	50.3	75.5





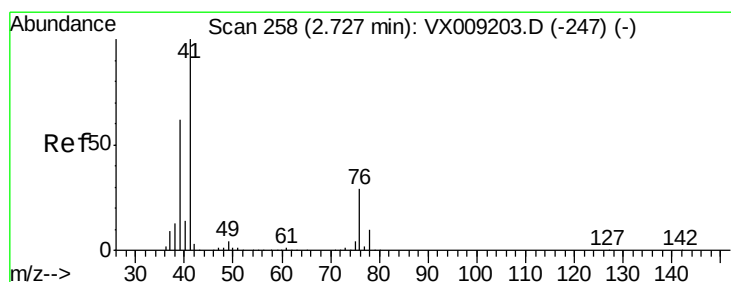
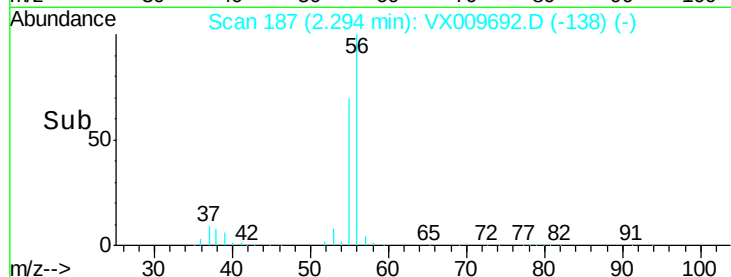
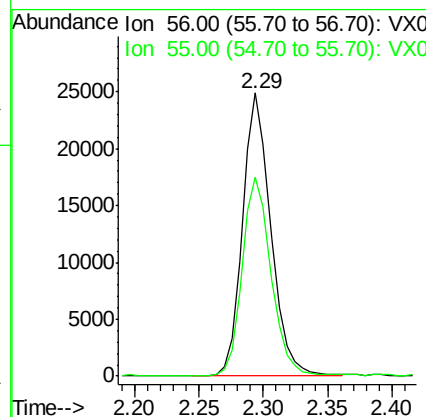
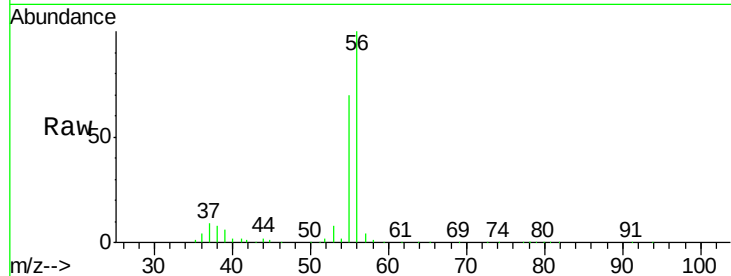
#13
Acrolein
Concen: 97.496 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	56	55	Ratio	Lower	Upper
37793	100	71.4		56.6	85.0

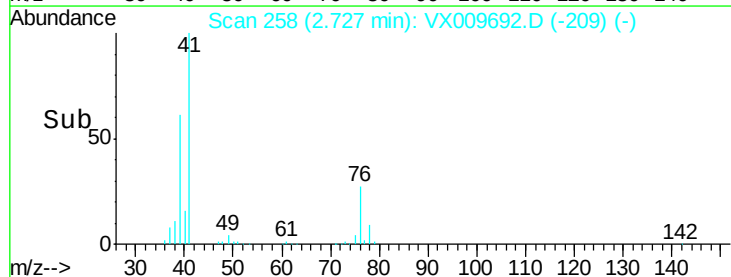
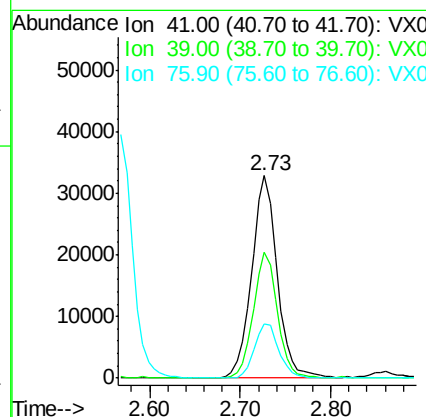
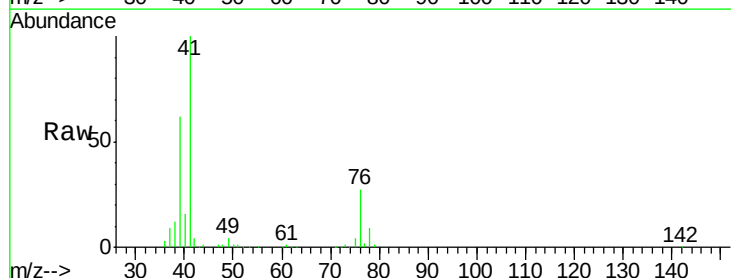
Manual Integrations
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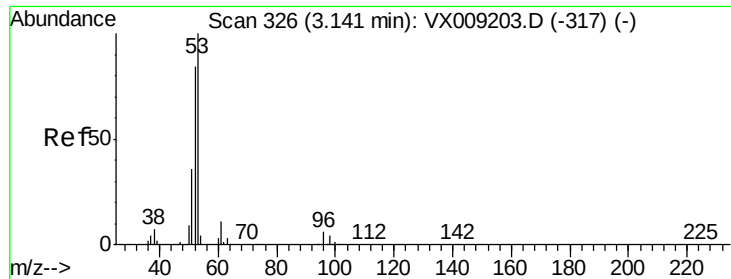
MMDadoda
5/20/2019 10:47:07 AM



#14
Allyl chloride
Concen: 20.778 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	41	39	76	Ratio	Lower	Upper
64356	100	58.4	25.7		46.7	70.1
					21.8	32.8





#15

Acrylonitrile

Concen: 119.260 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

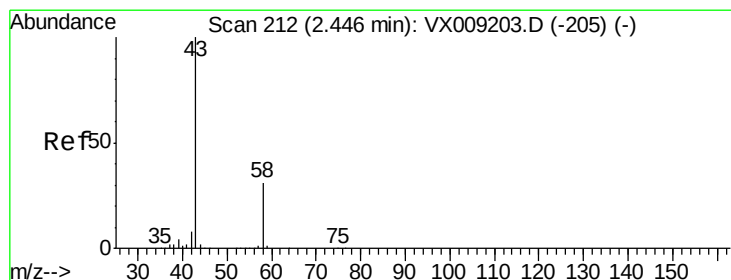
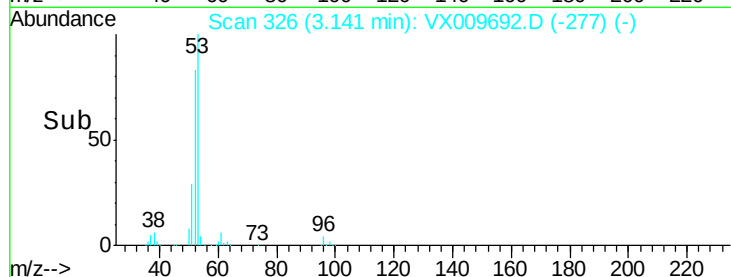
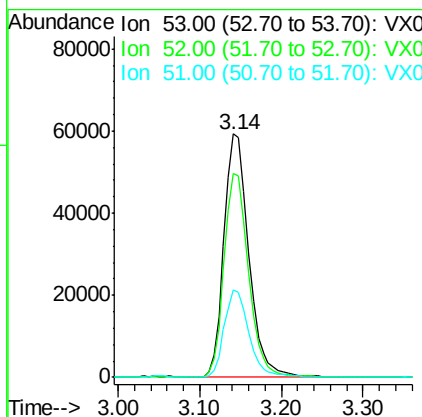
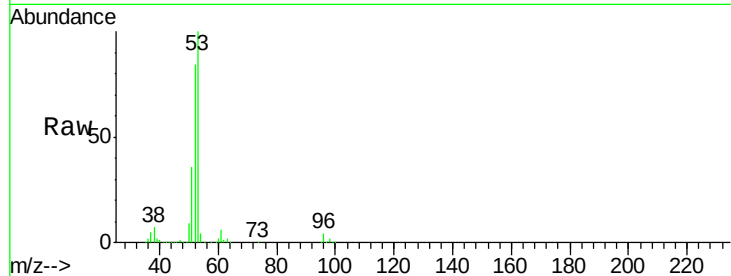
ClientSampleId :

VX0517WBSD04

Tot Ion:	53	Resp:	124813
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.9	100.3
51	36.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 112.447 ug/l

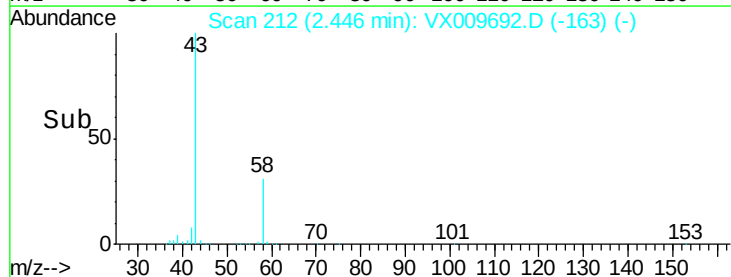
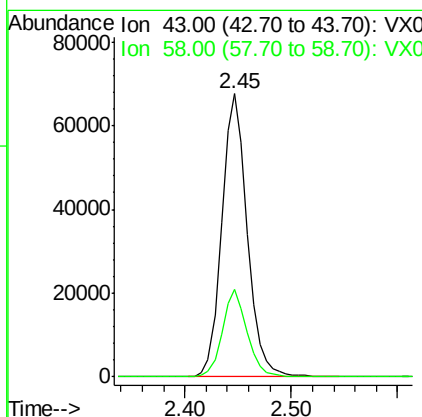
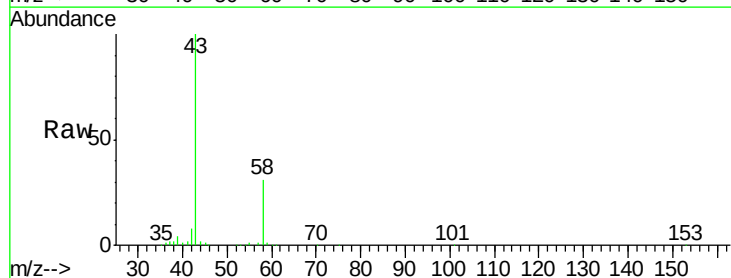
RT: 2.45 min Scan# 212

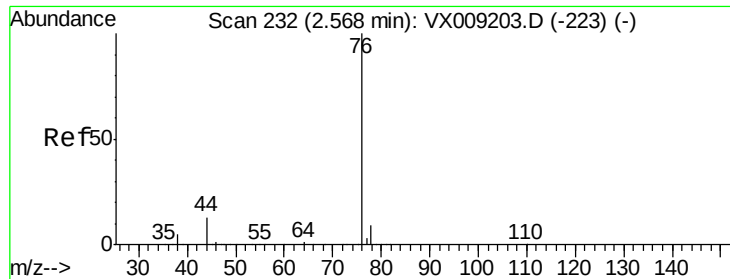
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	43	Resp:	111650
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.9	37.3





#17

Carbon Disulfide

Concen: 18.787 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 76 Resp: 67039

Ion Ratio Lower Upper

76 100

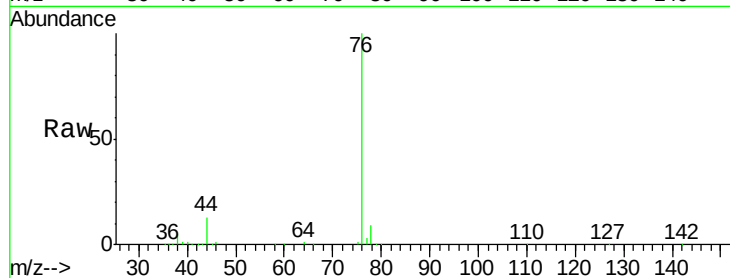
78 9.3 7.4 11.0

Manual Integrations

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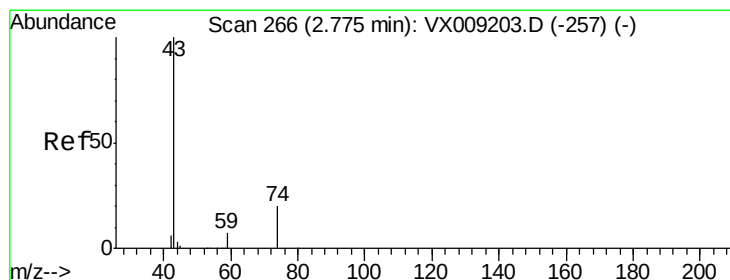
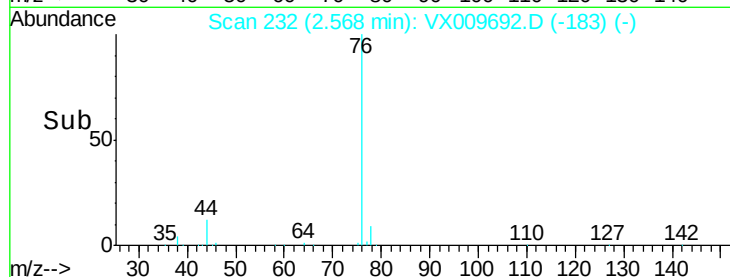
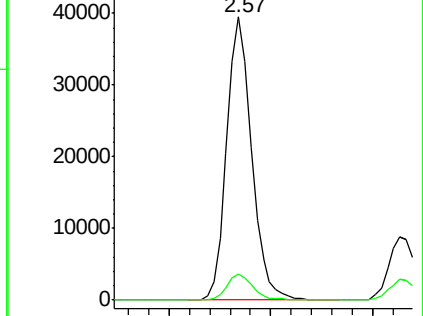
MMDadoda

5/20/2019 10:47:07 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.755 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009692.D

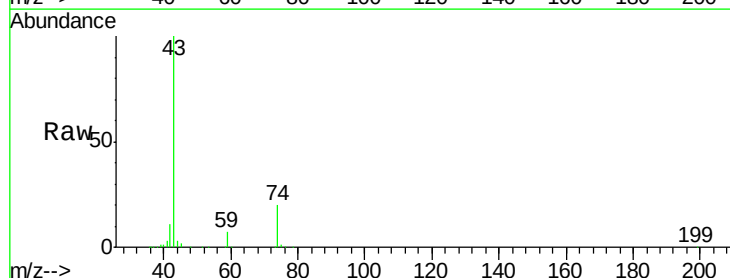
Acq: 18 May 2019 04:19

Tgt Ion: 43 Resp: 58456

Ion Ratio Lower Upper

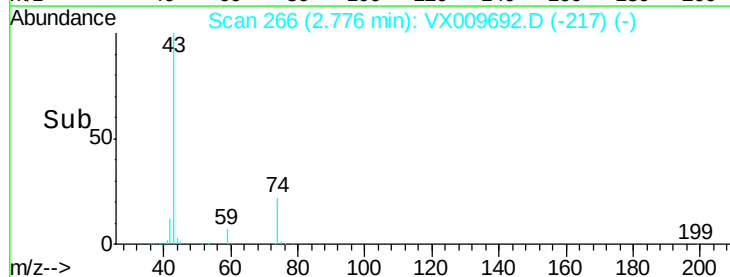
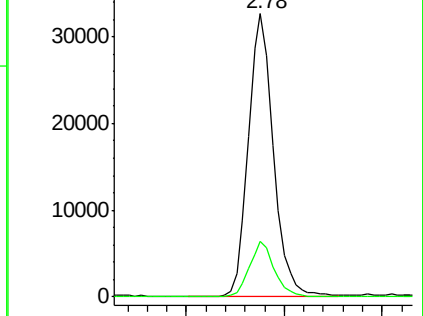
43 100

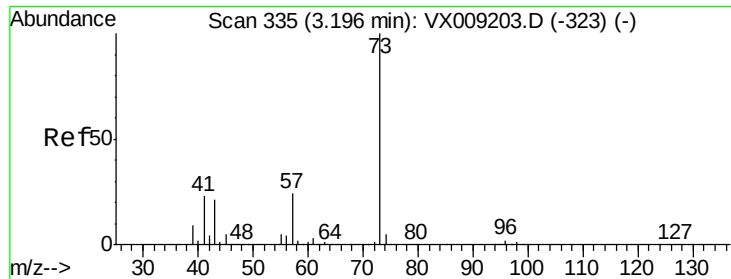
74 19.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





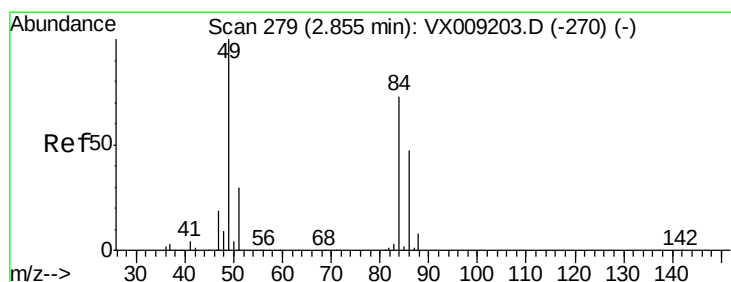
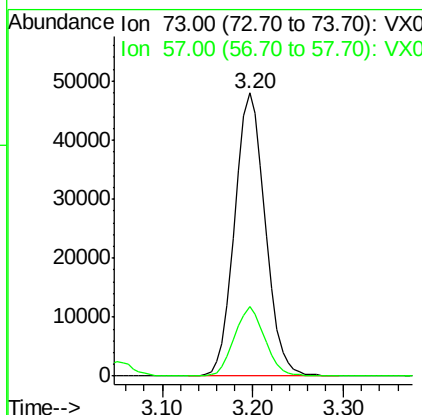
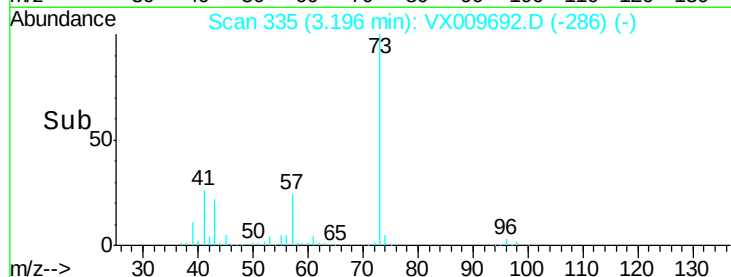
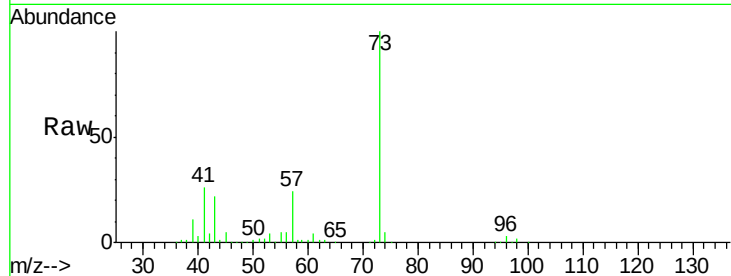
#19
Methyl tert-butyl Ether
Concen: 22.751 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.3	28.9

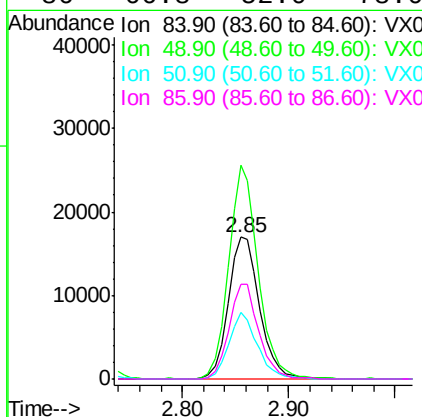
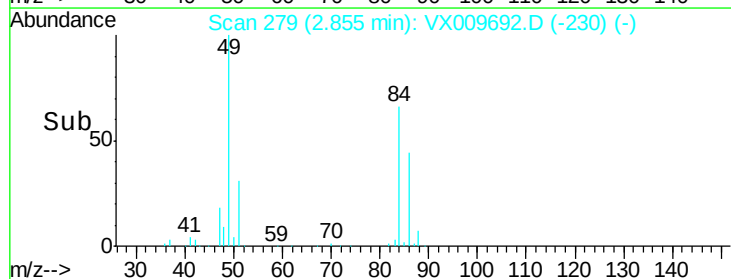
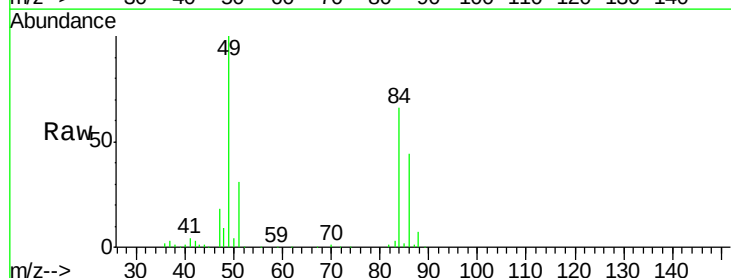
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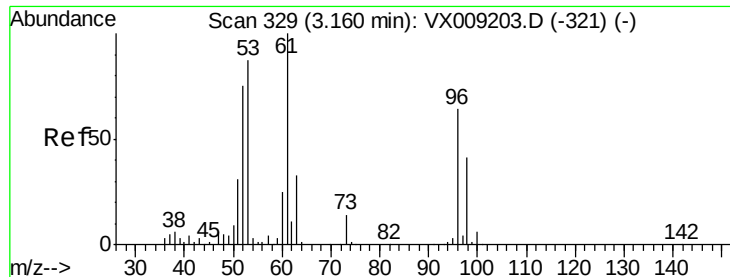
MMDadoda
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#20
Methylene Chloride
Concen: 21.588 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.6	109.9	164.9
51	47.2	32.7	49.1
86	66.8	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 21.048 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 96 Resp: 29012

Ion Ratio Lower Upper

96 100

61 159.6 124.5 186.7

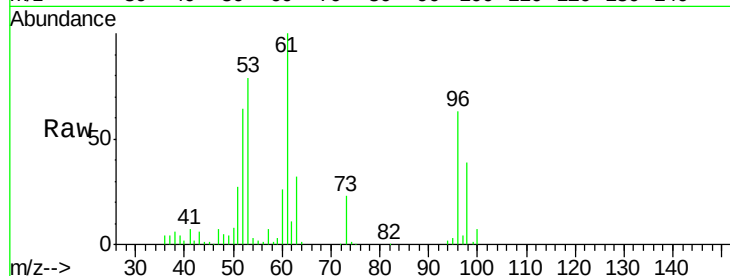
98 62.1 50.4 75.6

Manual Integrations

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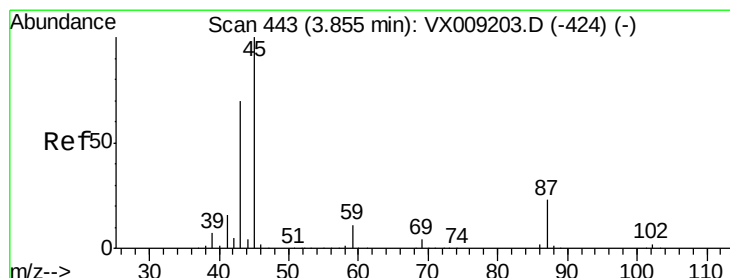
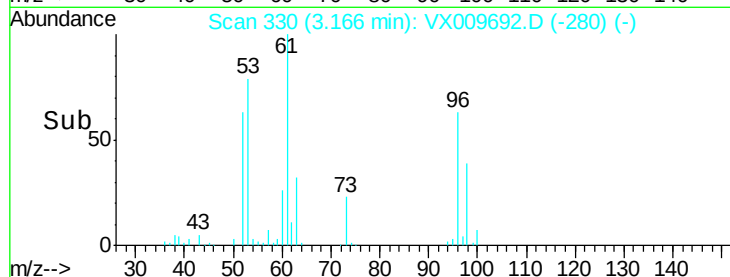
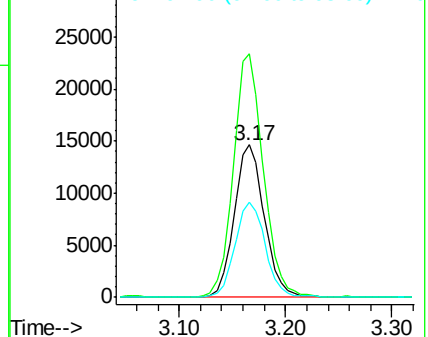


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 23.005 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion: 45 Resp: 137034

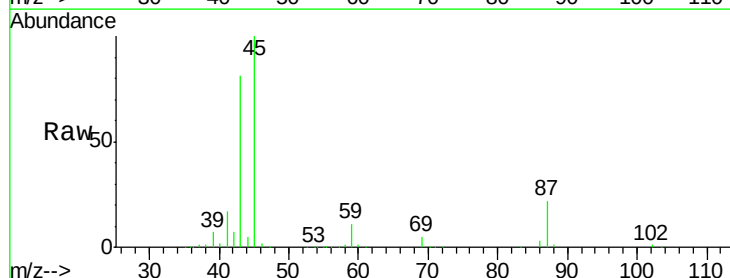
Ion Ratio Lower Upper

45 100

43 80.9 56.1 84.1

87 22.4 18.1 27.1

59 11.1 8.5 12.7



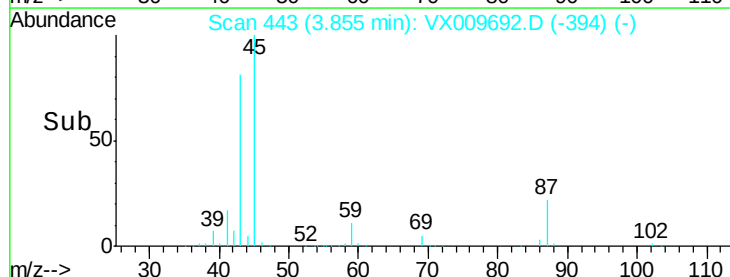
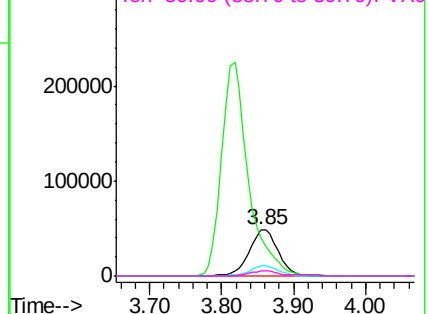
Abundance

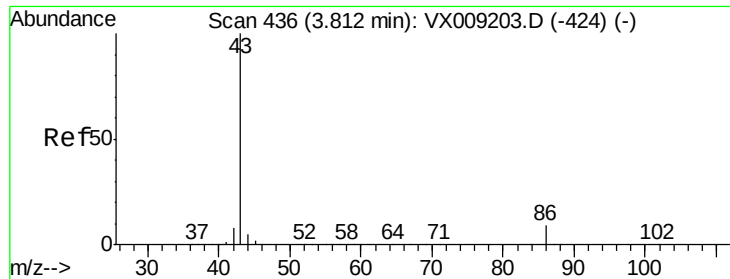
Ion 45.00 (44.70 to 45.70): VX0

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: 115.322 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleID :

VX0517WBSD04

Tot Ion: 43 Resp: 588222

Ion Ratio Lower Upper

43 100

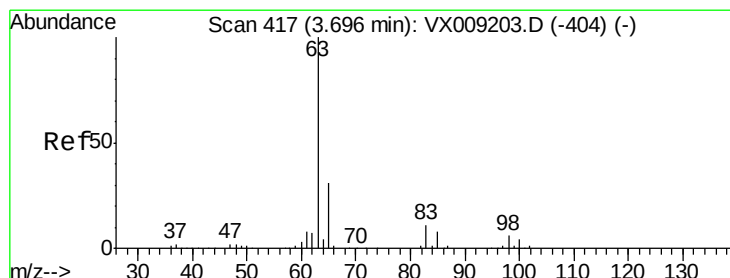
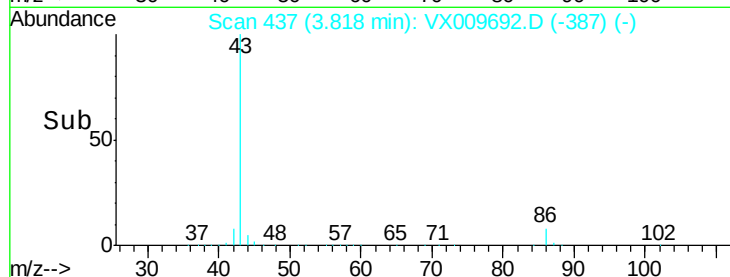
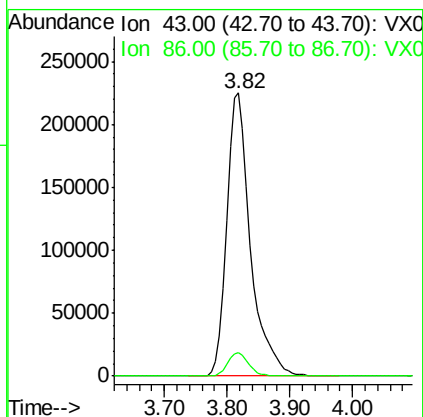
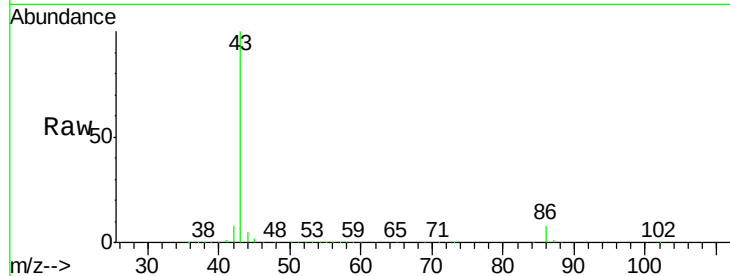
86 8.4 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.295 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

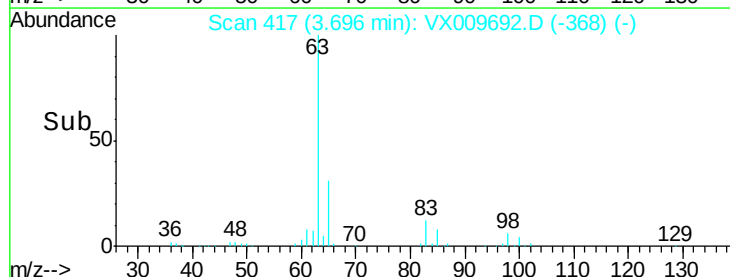
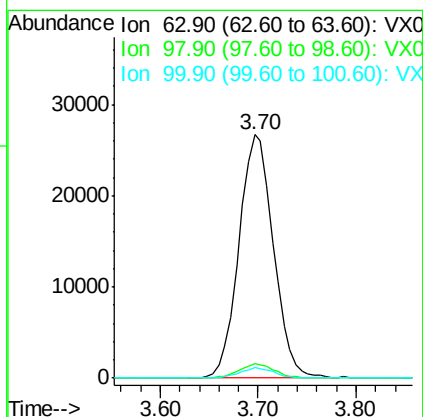
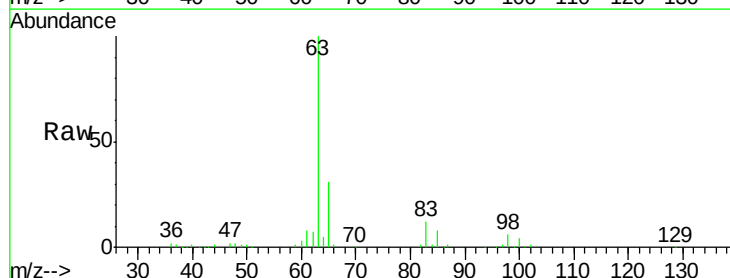
Tgt Ion: 63 Resp: 65513

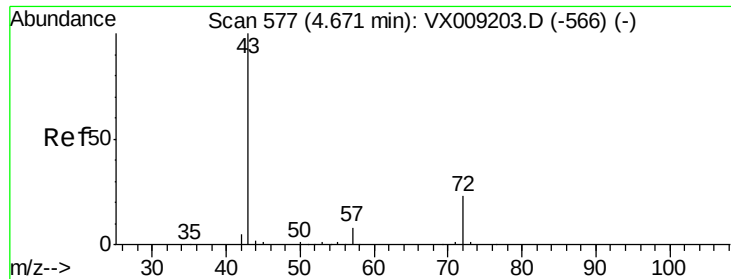
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 120.749 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 43 Resp: 186311

Ion Ratio Lower Upper

43 100

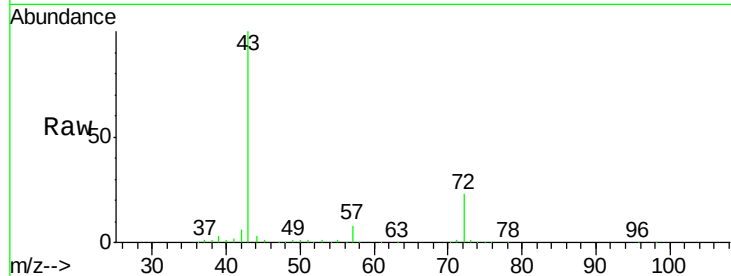
72 22.6 18.2 27.2

Manual Integrations

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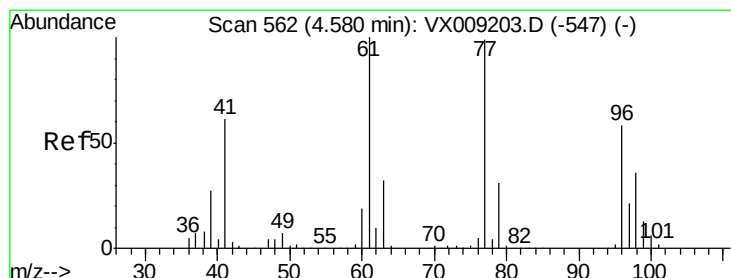
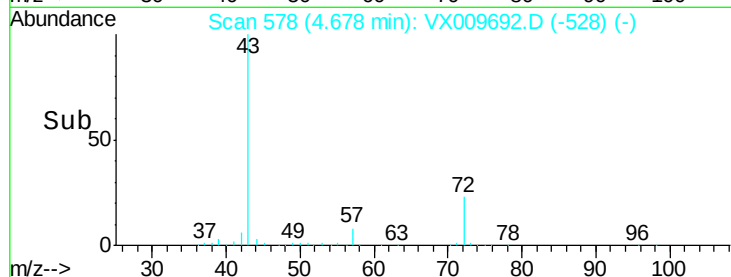
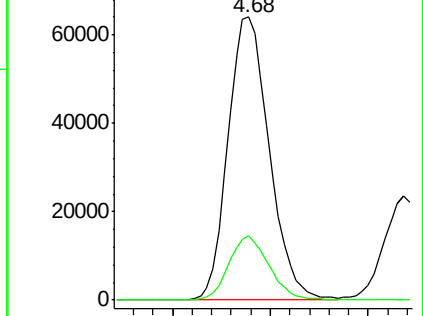
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 12.982 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009692.D

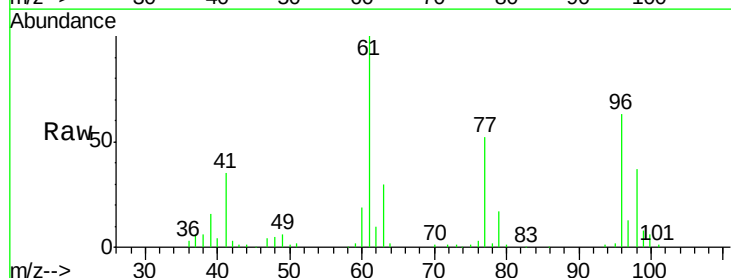
Acq: 18 May 2019 04:19

Tgt Ion: 77 Resp: 28394

Ion Ratio Lower Upper

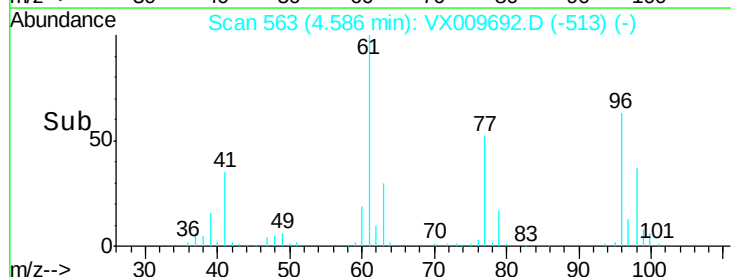
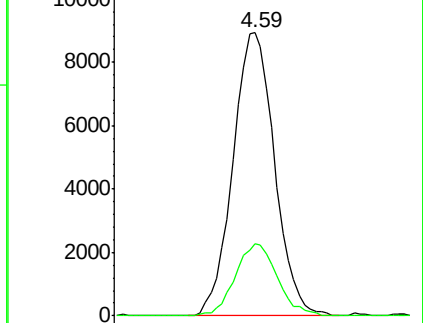
77 100

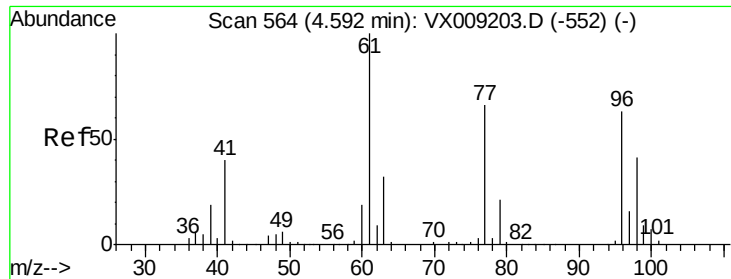
97 25.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

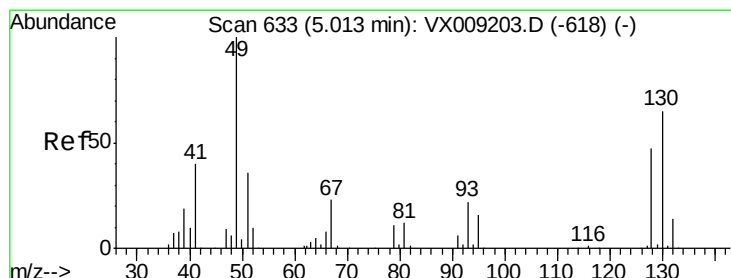
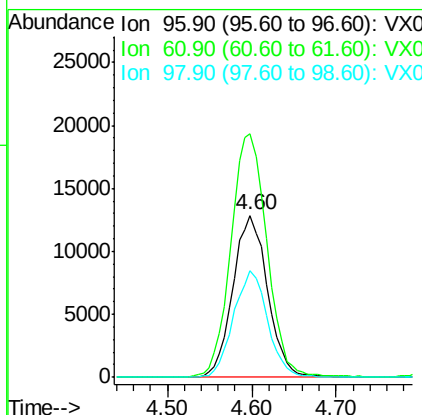
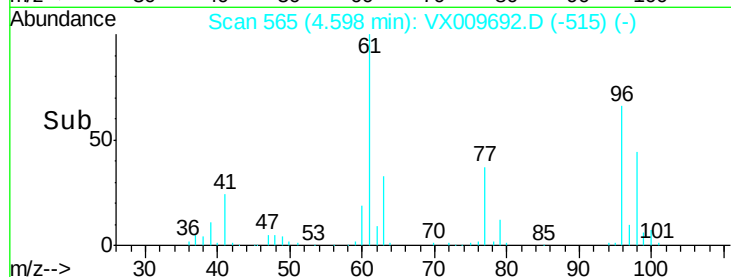
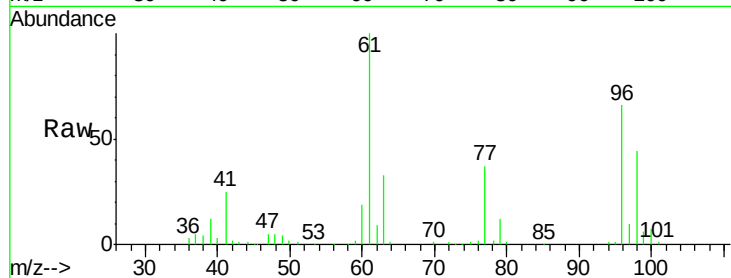
cis-1,2-Dichloroethene
Concen: 21.758 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
96	100	35797		
61	157.0		0.0	324.0
98	64.9		0.0	130.4

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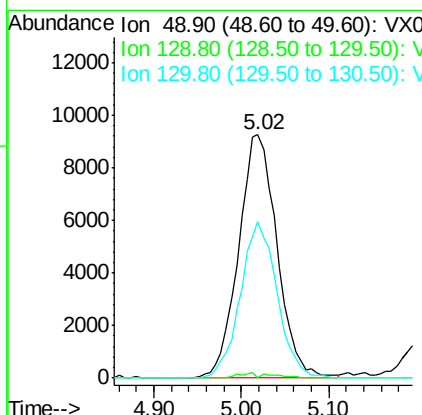
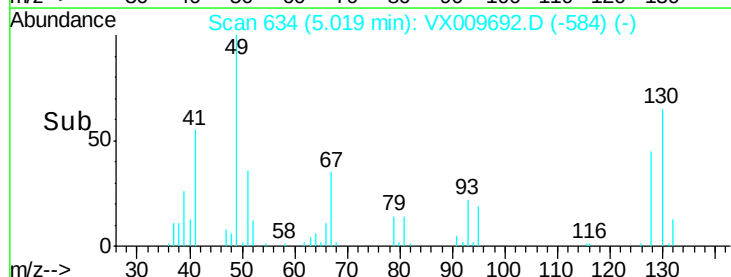
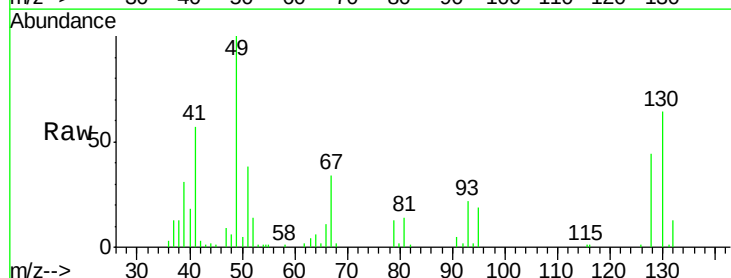
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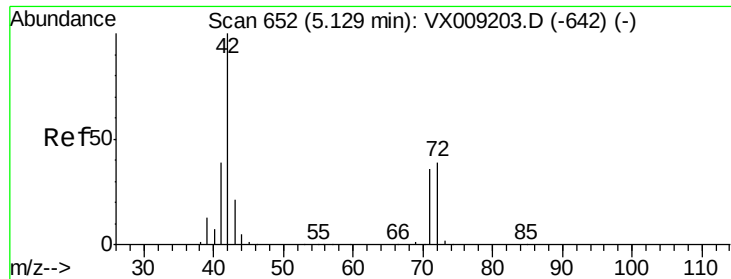


#28

Bromochloromethane
Concen: 22.396 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28281		
129	0.9		0.0	3.8
130	61.2		51.2	76.8





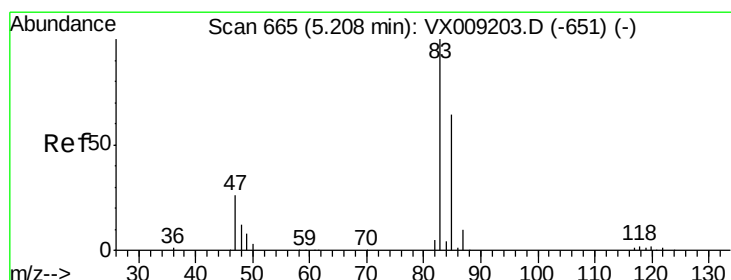
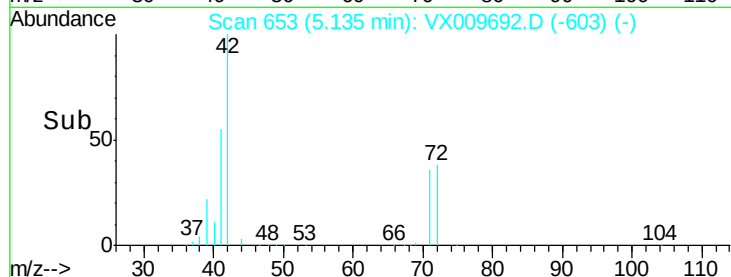
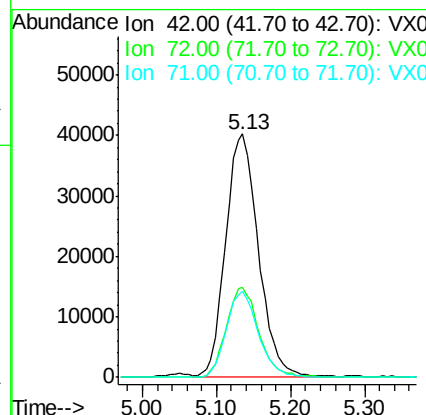
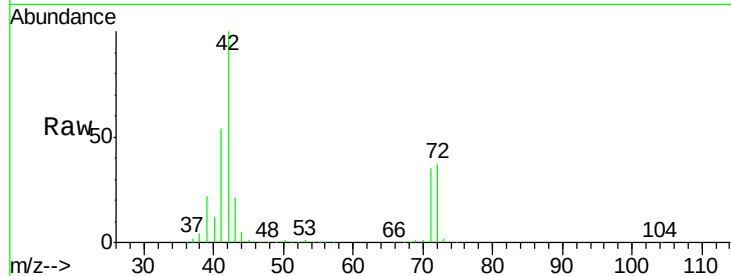
#29
Tetrahydrofuran
Concen: 123.501 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	30.4	45.6
71	34.9	28.6	43.0

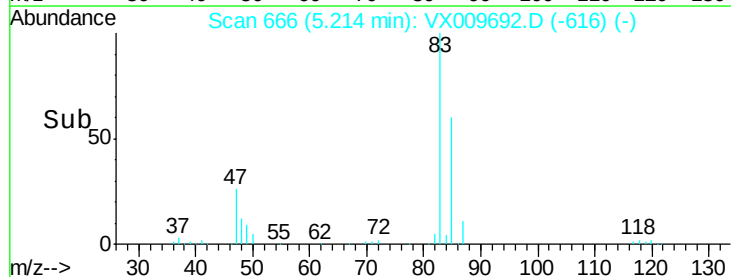
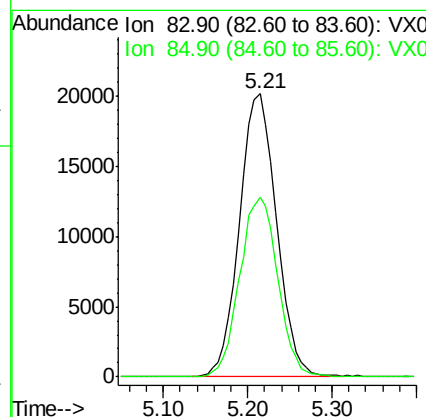
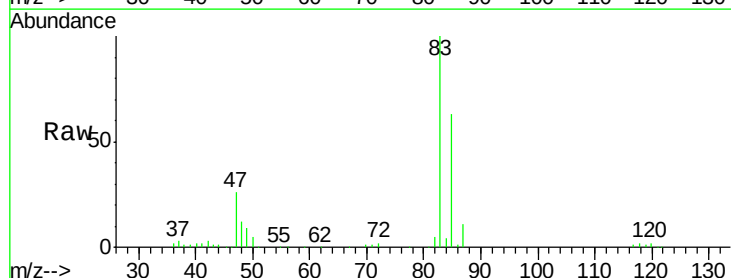
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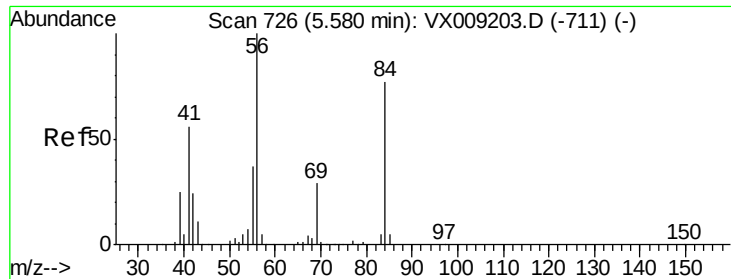
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#30
Chloroform
Concen: 22.640 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.5	77.3





#31

Cyclohexane

Concen: 20.614 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

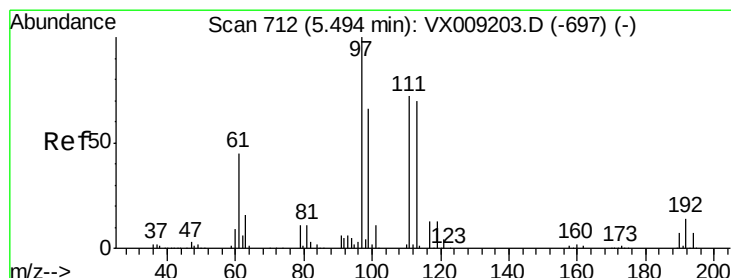
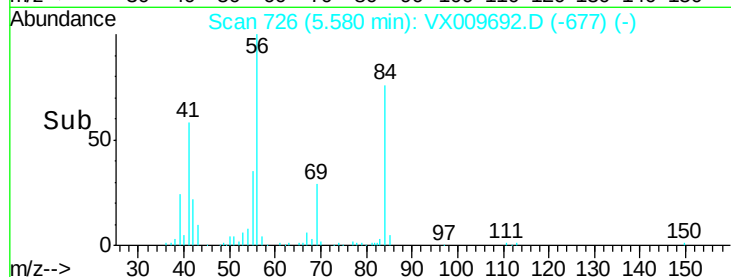
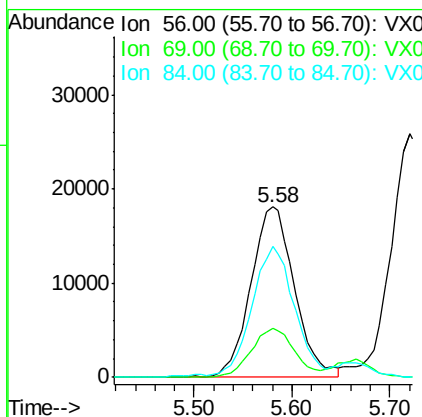
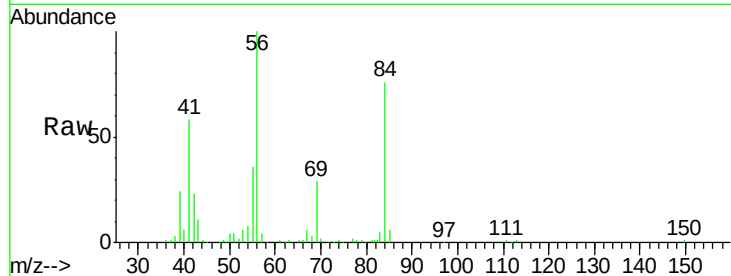
ClientSampleId :

VX0517WBSD04

Tot Ion:	56	Resp:	56356
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.4	35.0
84	75.3	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 22.038 ug/l

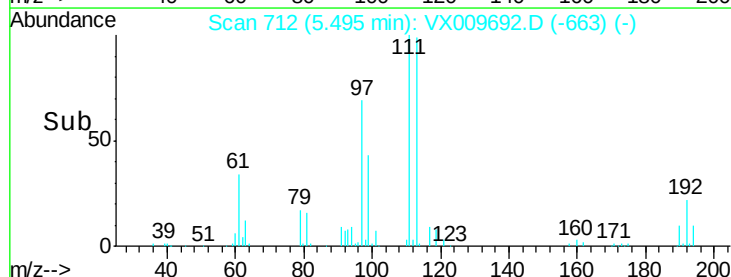
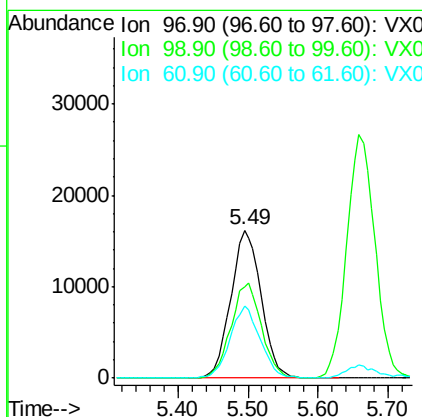
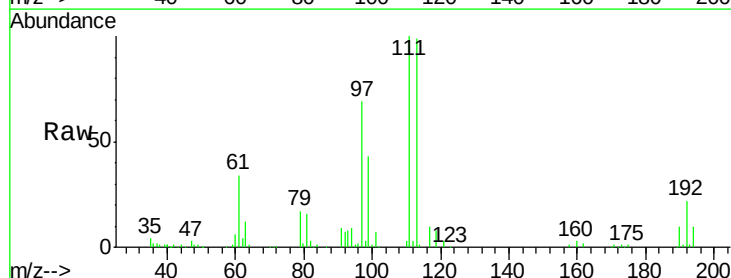
RT: 5.49 min Scan# 712

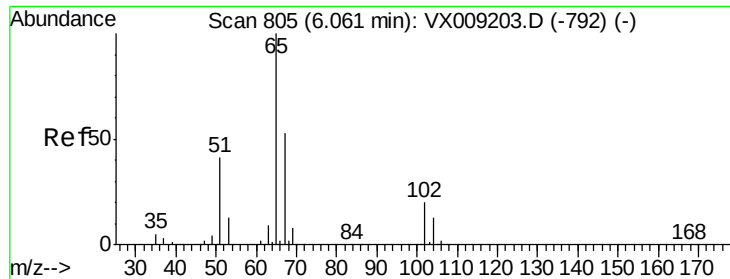
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	97	Resp:	48757
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	48.4	37.8	56.8





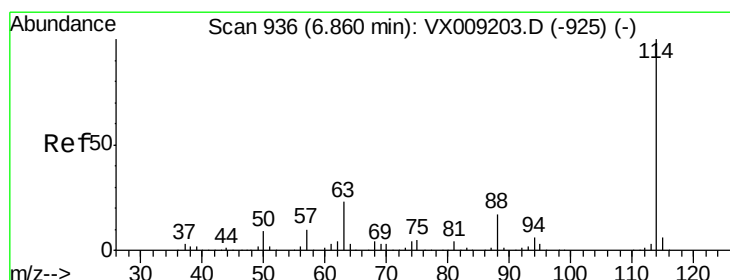
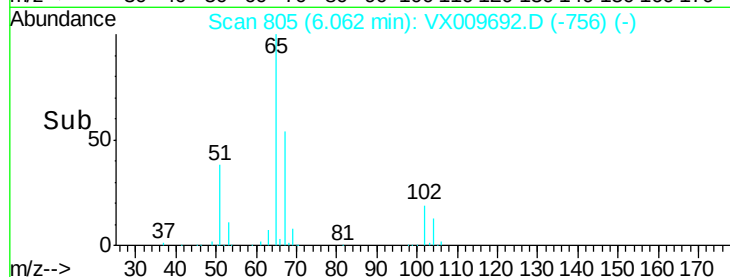
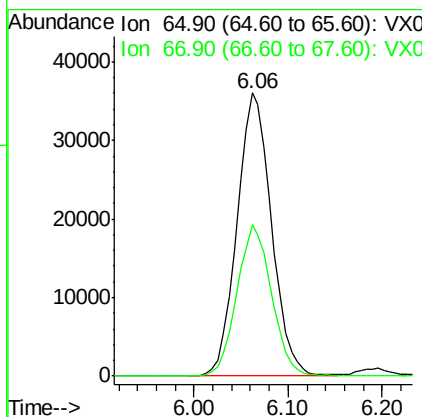
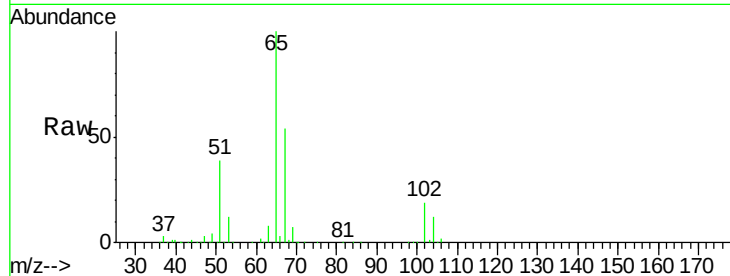
#33
 1,2-Dichloroethane-d4
 Concen: 49.884 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.6

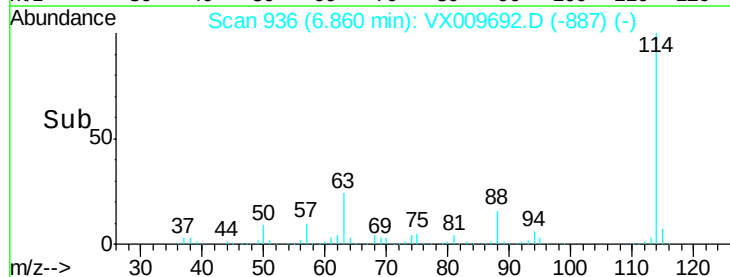
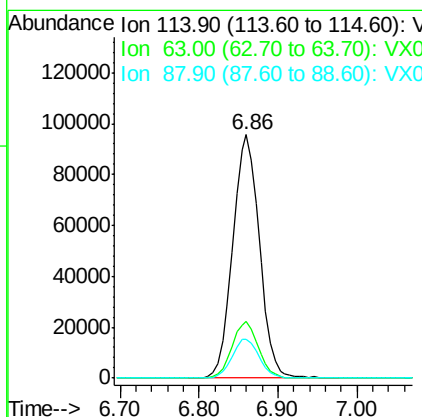
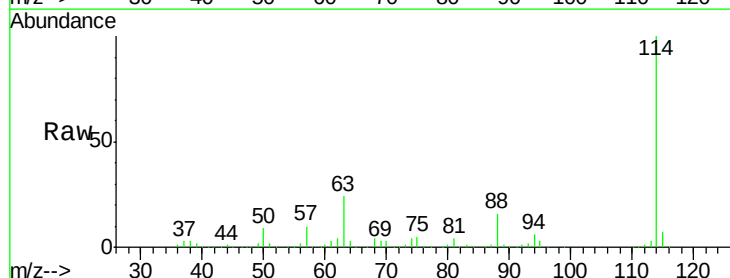
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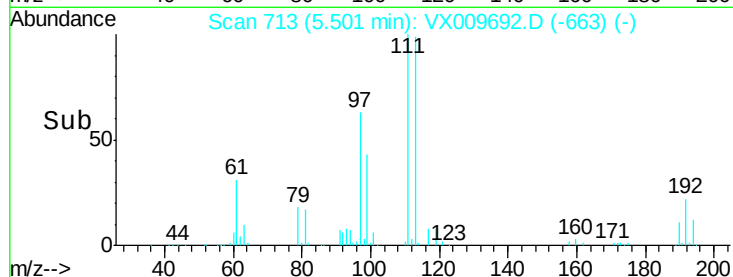
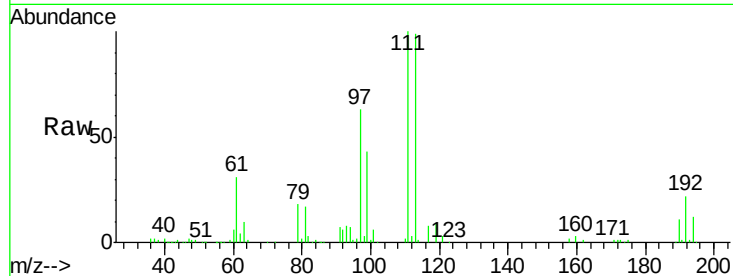
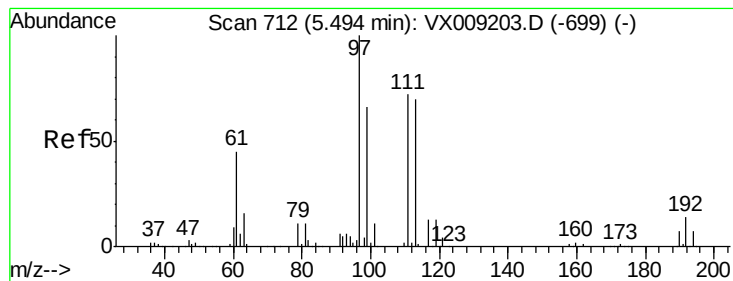
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.6
88	16.1	0.0	33.2





#35

Dibromofluoromethane

Concen: 48.587 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009692.D

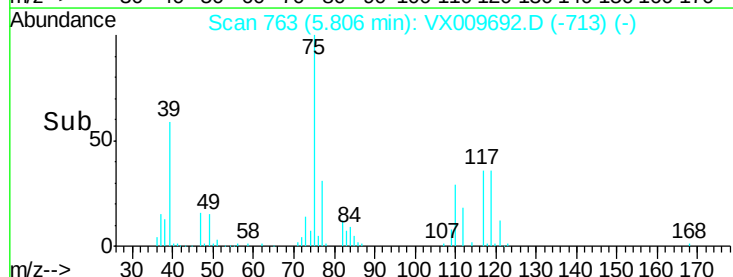
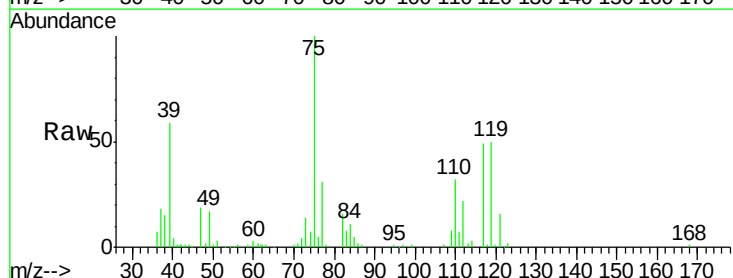
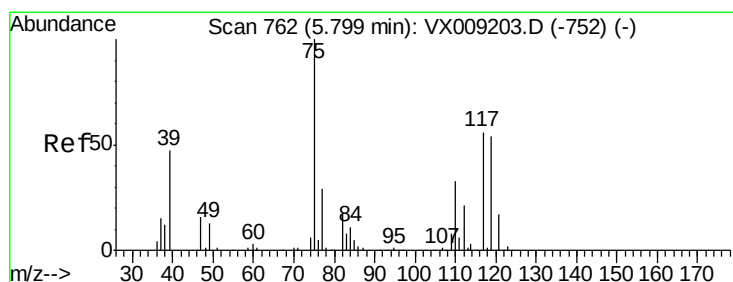
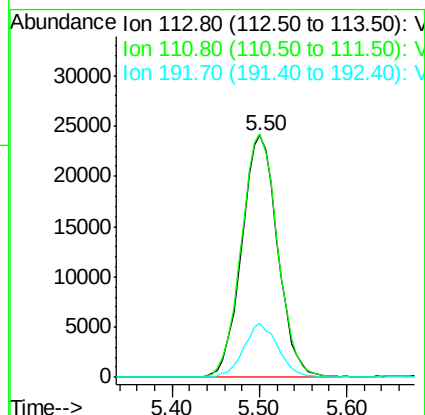
Acq: 18 May 2019 04:19

Tot Ion:	113	Resp:	68617
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	21.3	17.0	25.6

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

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#36

1,1-Dichloropropene

Concen: 20.472 ug/l

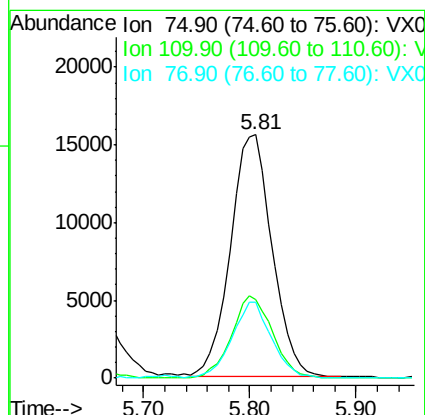
RT: 5.81 min Scan# 763

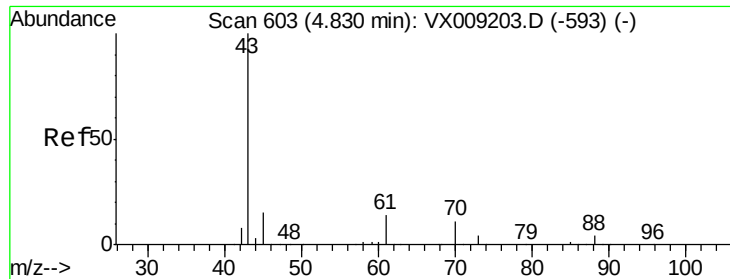
Delta R.T. 0.01 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	75	Resp:	42740
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.6
77	30.1	24.8	37.2





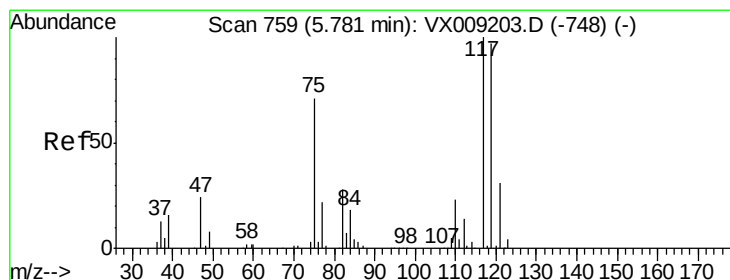
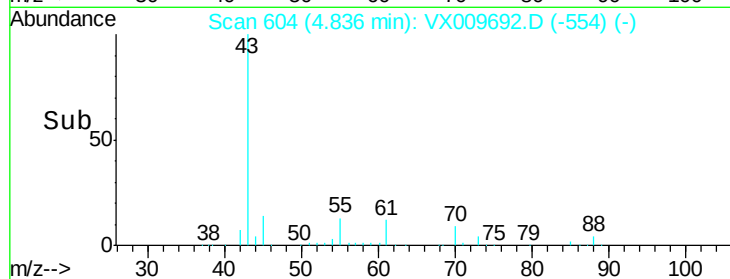
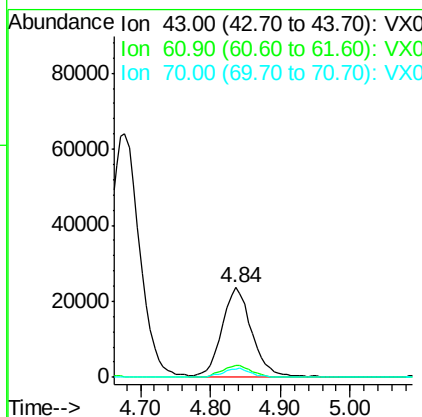
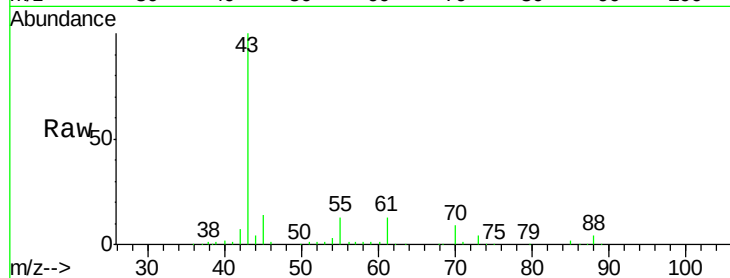
#37
Ethyl Acetate
Concen: 23.842 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.3	7.9	11.9

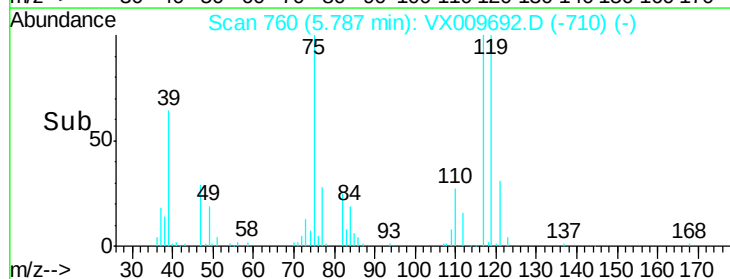
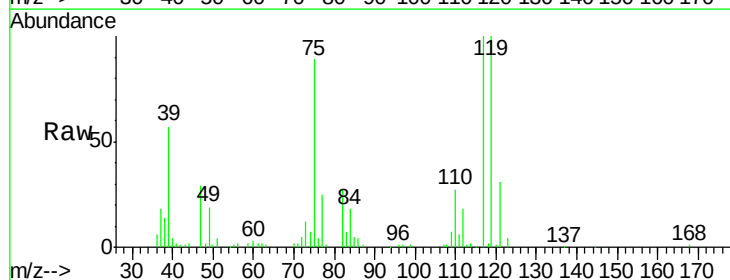
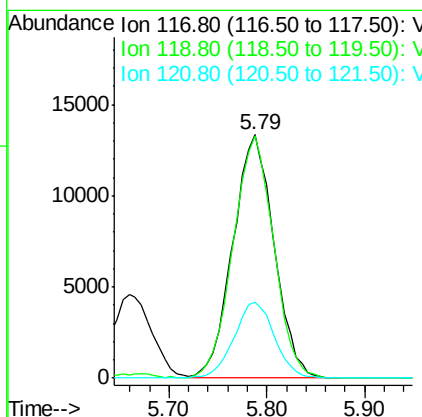
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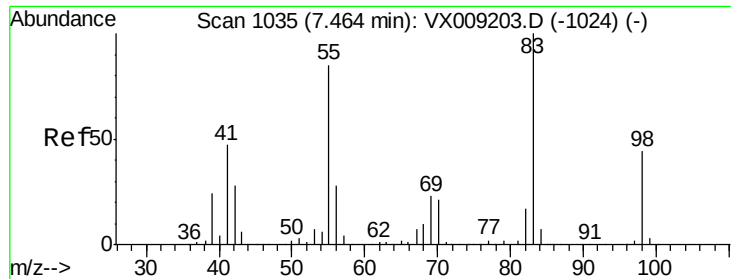
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#38
Carbon Tetrachloride
Concen: 20.578 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.5	116.3
121	31.4	24.7	37.1





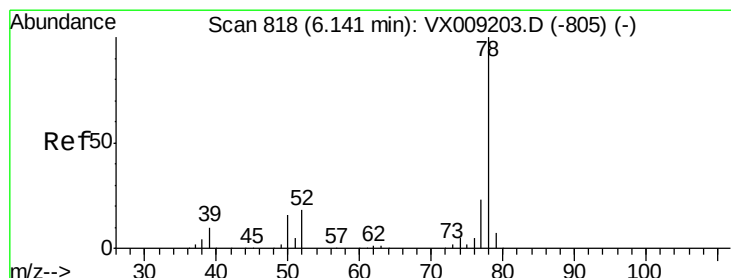
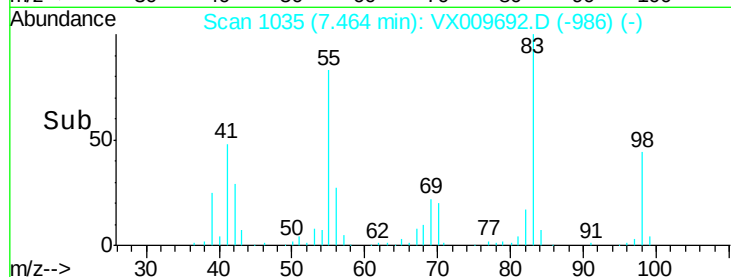
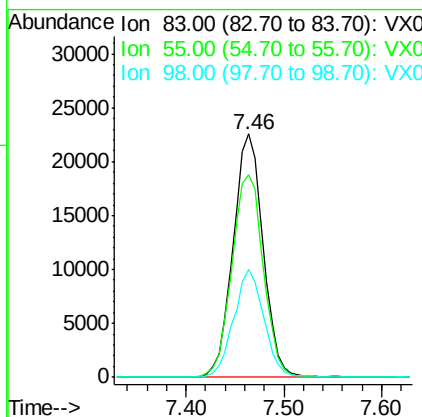
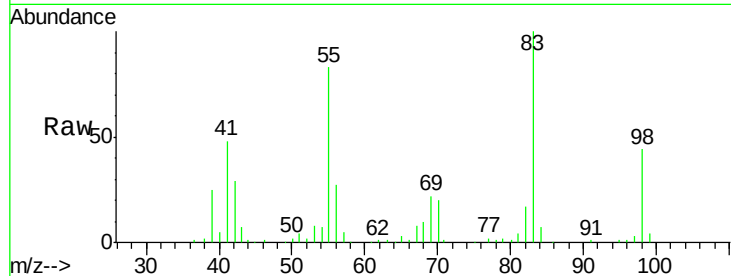
#39
Methylvlcyclohexane
Concen: 18.757 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	83	Resp	48090
Ion	Ratio	Lower	Upper
83	100		
55	83.2	67.7	101.5
98	44.5	35.5	53.3

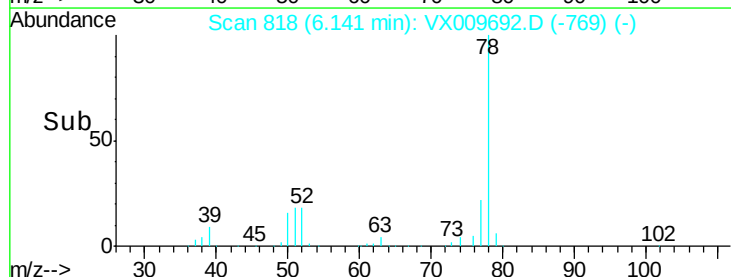
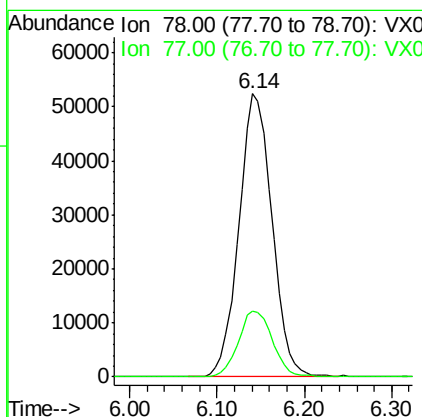
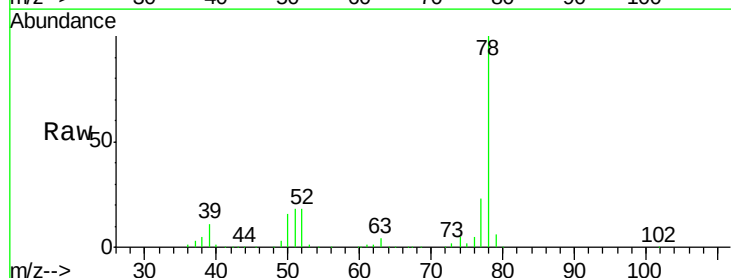
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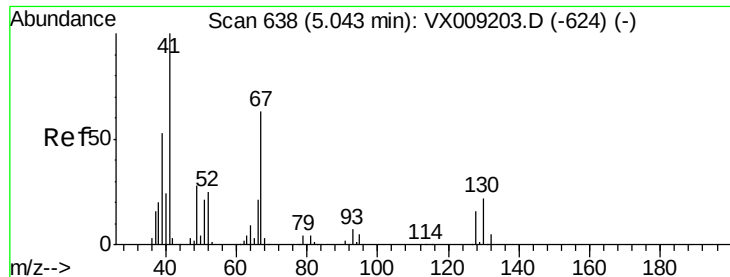
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#40
Benzene
Concen: 21.310 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	78	Resp	137685
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2





#41

Methacrylonitrile

Concen: 23.232 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 41 Resp: 40226

Ion Ratio Lower Upper

41 100

39 52.5 42.0 63.0

67 61.9 49.8 74.8

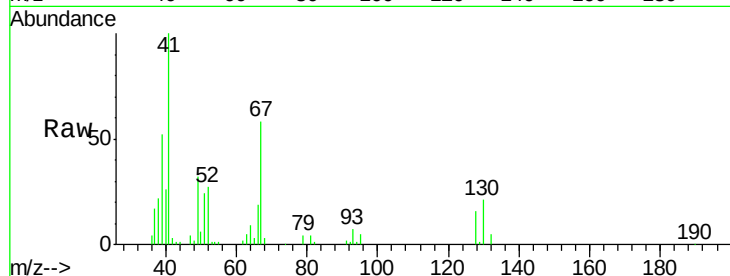
52 24.6 20.3 30.5

Manual Integrations

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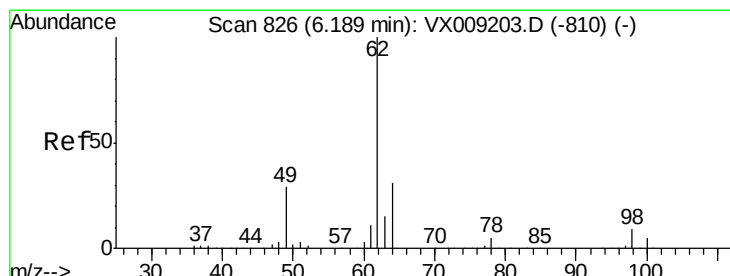
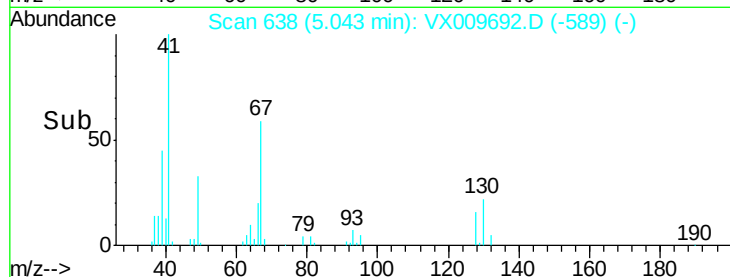
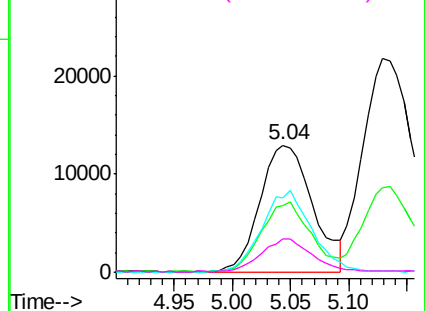


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 22.559 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009692.D

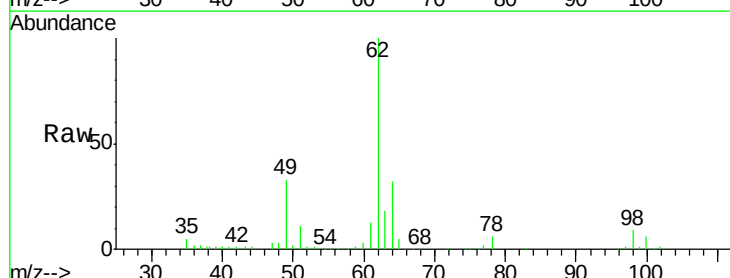
Acq: 18 May 2019 04:19

Tgt Ion: 62 Resp: 52285

Ion Ratio Lower Upper

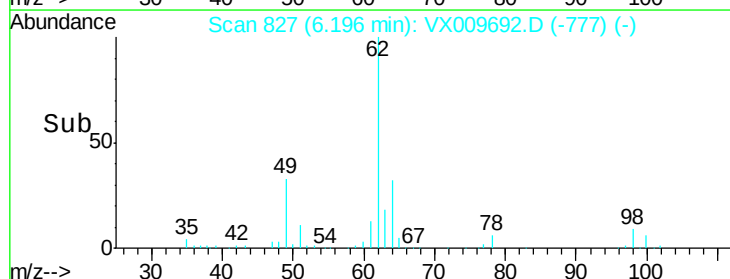
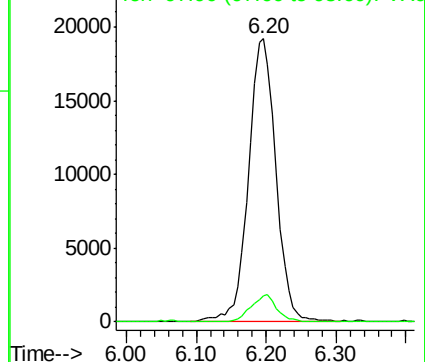
62 100

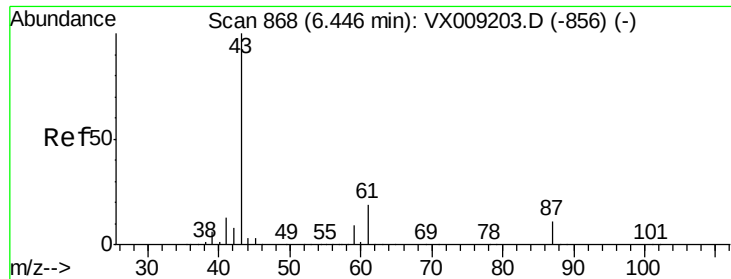
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

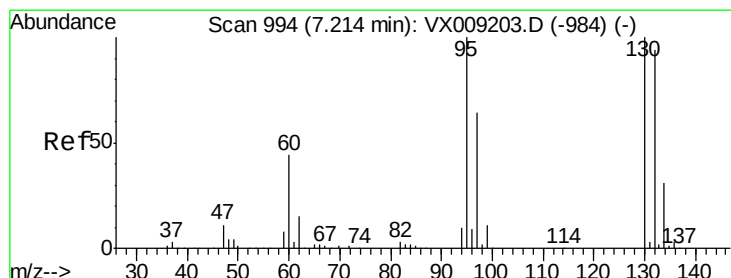
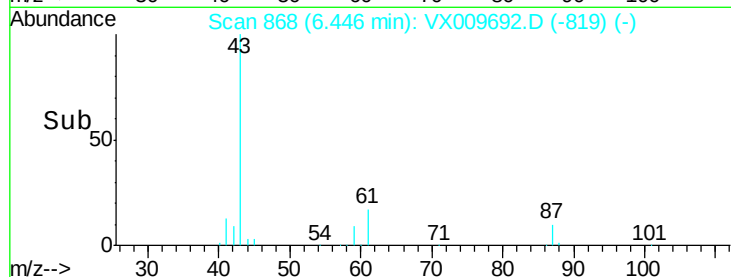
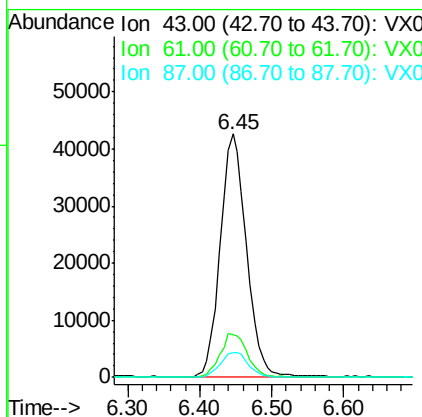
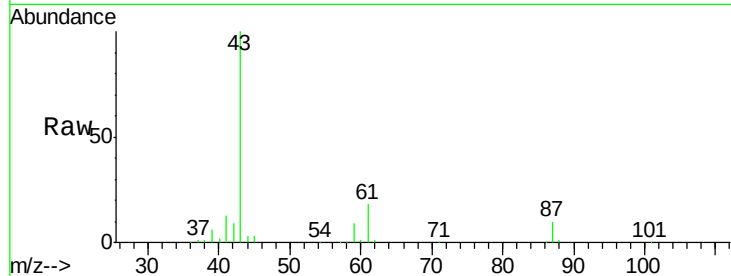
Isopropyl Acetate
 Concen: 22.997 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.1	22.7
87	11.0	9.0	13.6

Manual Integrations
 APPROVED

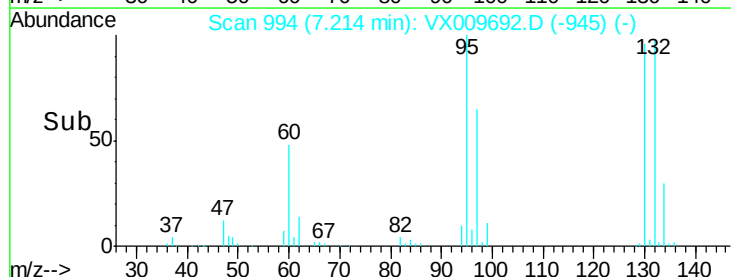
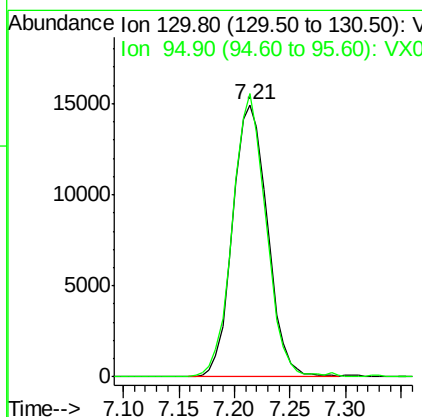
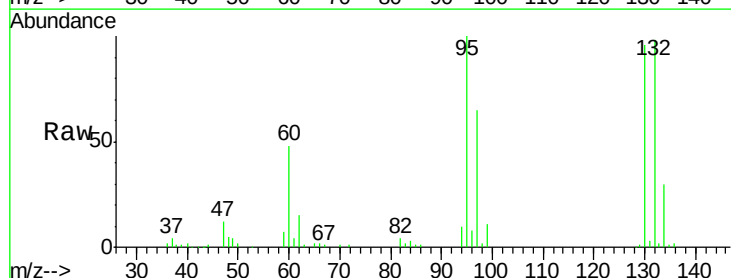
MMDadoda
 5/20/2019 10:47:07 AM

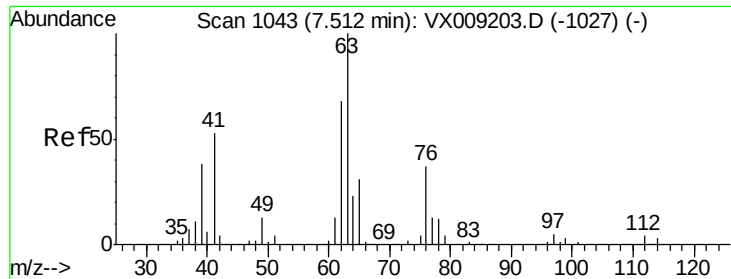


#44

Trichloroethene
 Concen: 20.750 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	199.2





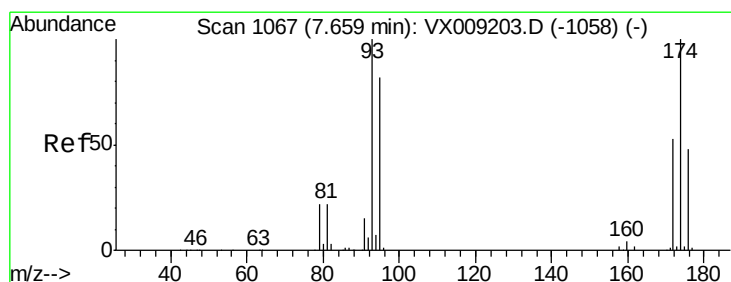
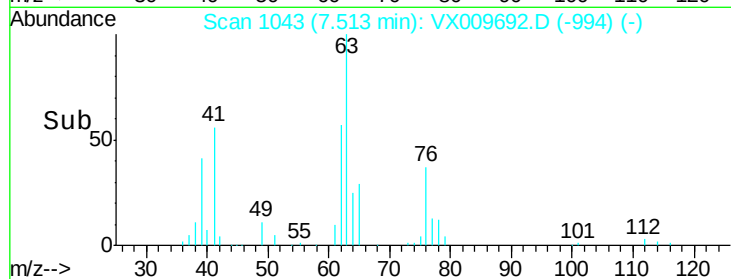
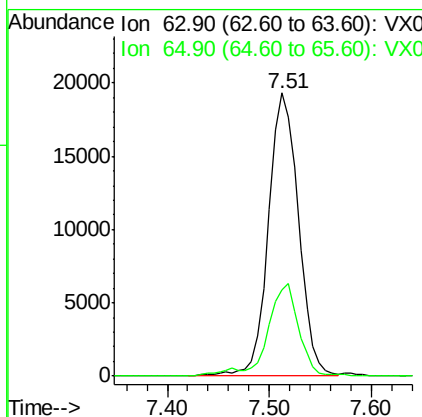
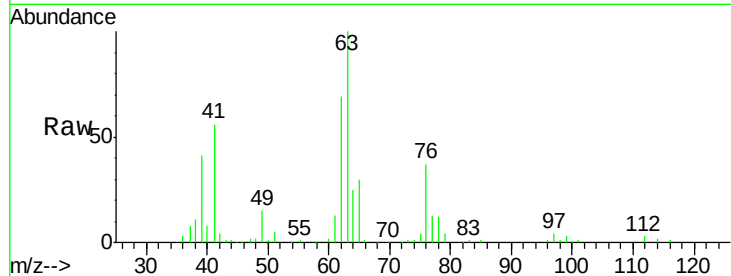
#45
 1,2-Dichloropropane
 Concen: 21.560 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion: 63 Resp: 39445
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6

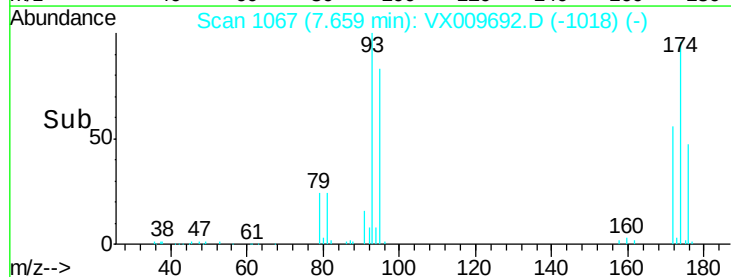
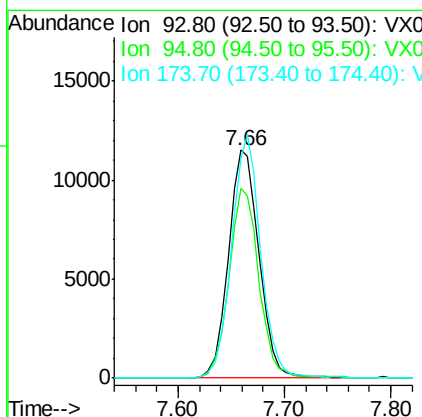
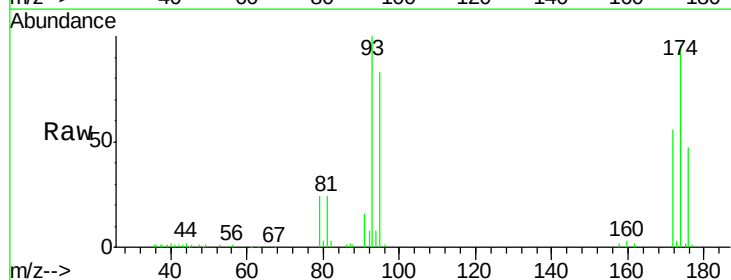
Manual Integrations
 APPROVED

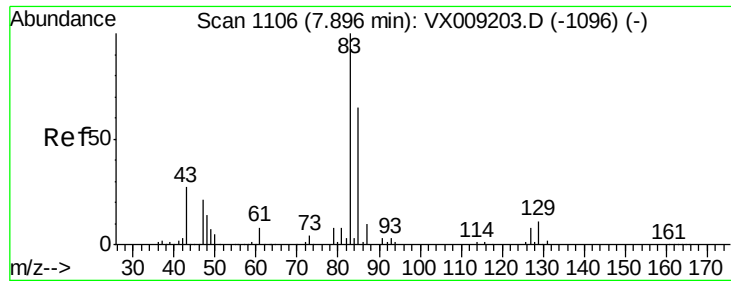
MMDadoda
 5/20/2019 10:47:07 AM



#46
 Dibromomethane
 Concen: 21.803 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 93 Resp: 23164
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.5 99.7
 174 101.3 82.1 123.1





#47

Bromodichloromethane

Concen: 21.765 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

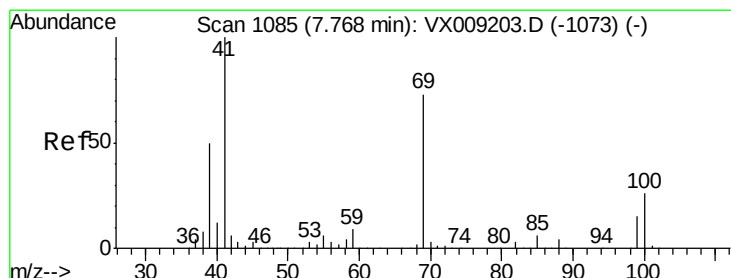
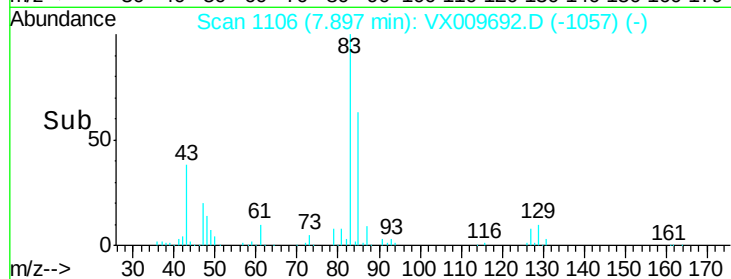
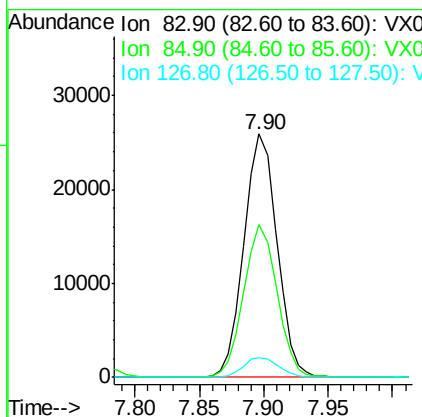
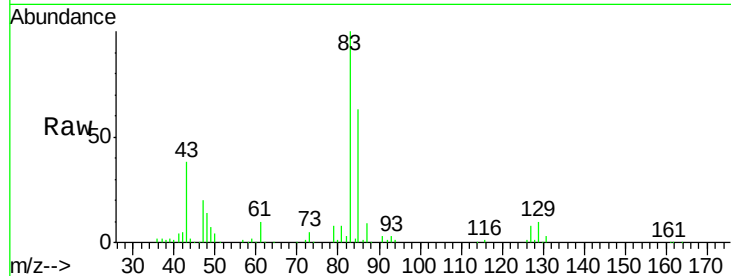
ClientSampleId :

VX0517WBSD04

Tot Ion:	83	Resp:	46126
Ion Ratio	Lower	Upper	
83	100		
85	62.8	52.4	78.6
127	8.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.045 ug/l

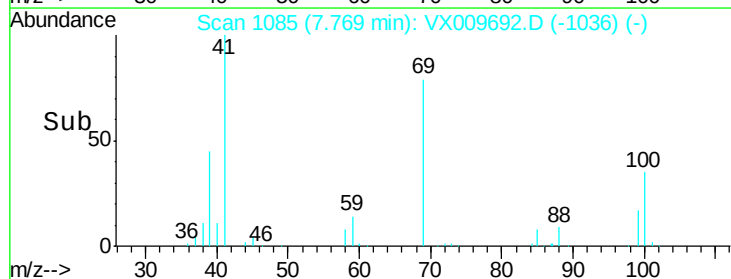
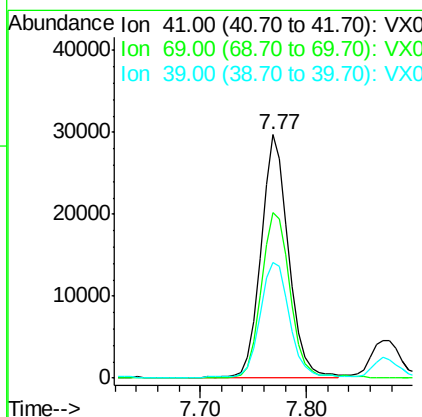
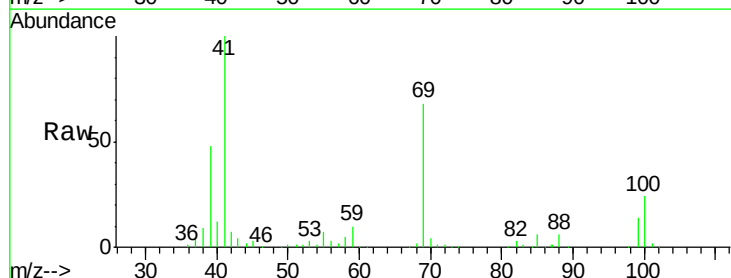
RT: 7.77 min Scan# 1085

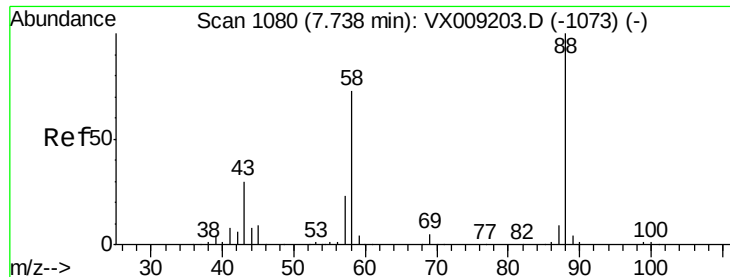
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	41	Resp:	53195
Ion Ratio	Lower	Upper	
41	100		
69	72.6	59.1	88.7
39	50.1	40.4	60.6





#49

1,4-Dioxane

Concen: 465.189 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

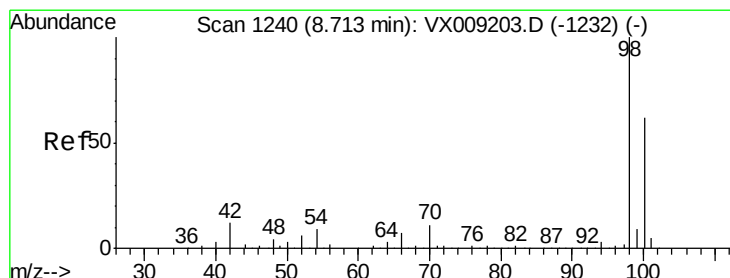
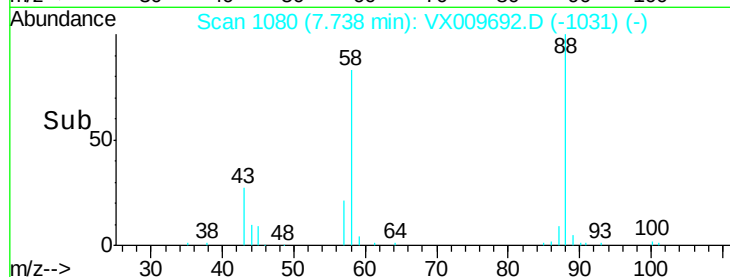
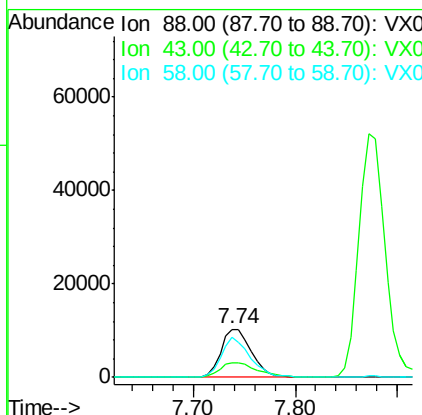
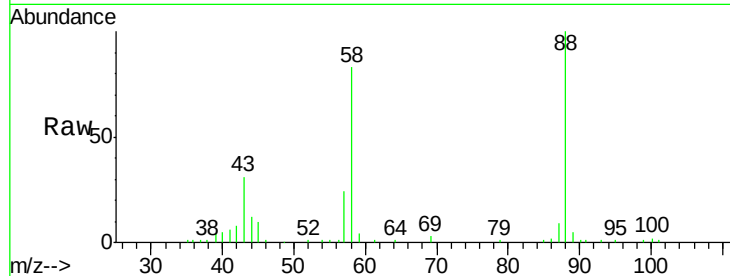
ClientSampleId :

VX0517WBSD04

Tot Ion:	88	Resp:	21777
Ion	Ratio	Lower	Upper
88	100		
43	36.1	28.6	42.8
58	77.8	61.7	92.5

Manual Integrations
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#50

Toluene-d8

Concen: 46.691 ug/l

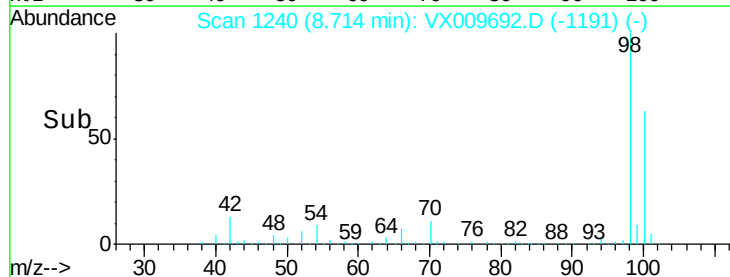
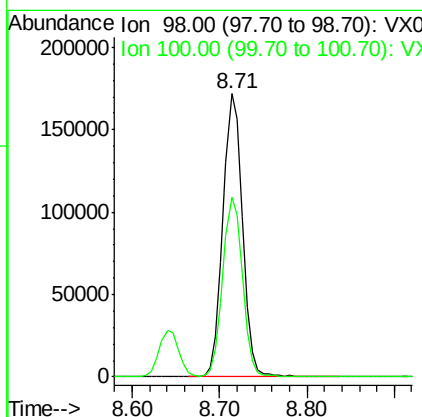
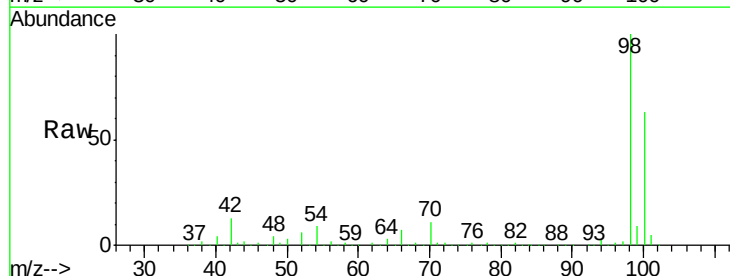
RT: 8.71 min Scan# 1240

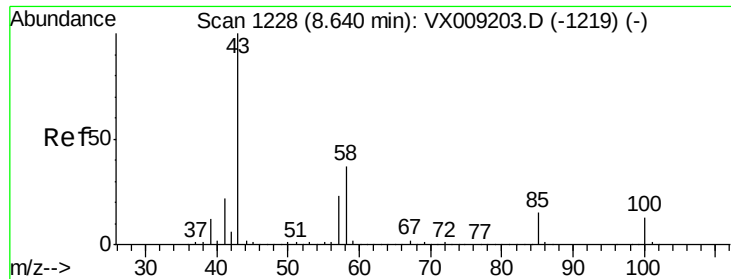
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	98	Resp:	266212
Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 120.754 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 43 Resp: 367233

Ion Ratio Lower Upper

43 100

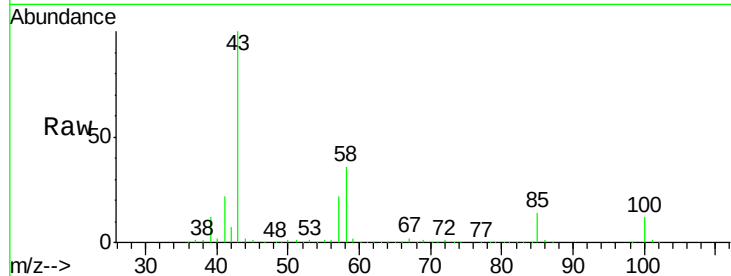
58 36.1 29.5 44.3

Manual Integrations

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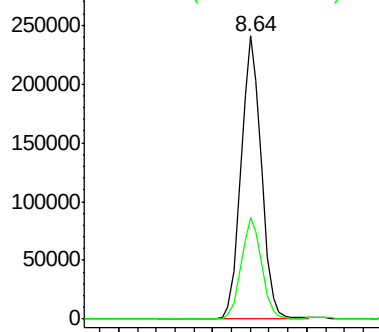
MMDadoda

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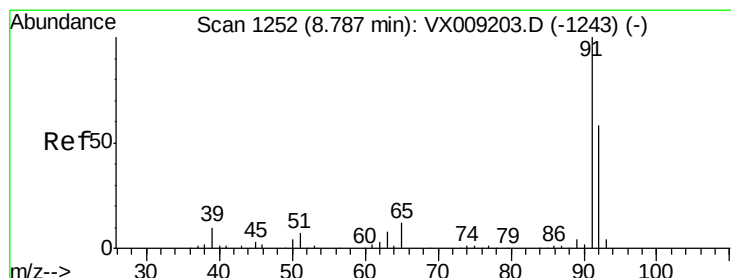
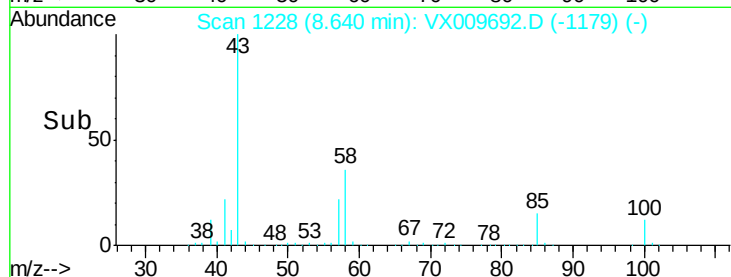


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 21.397 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009692.D

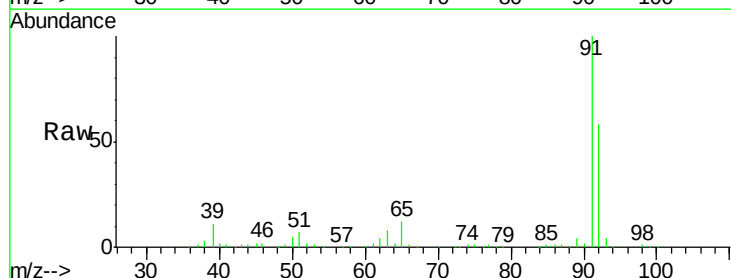
Acq: 18 May 2019 04:19

Tgt Ion: 92 Resp: 84037

Ion Ratio Lower Upper

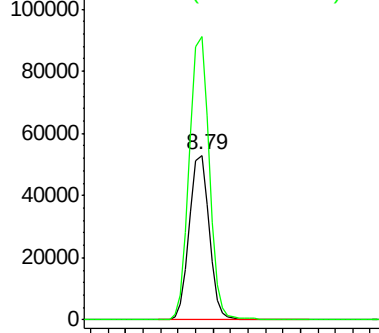
92 100

91 172.4 138.8 208.2

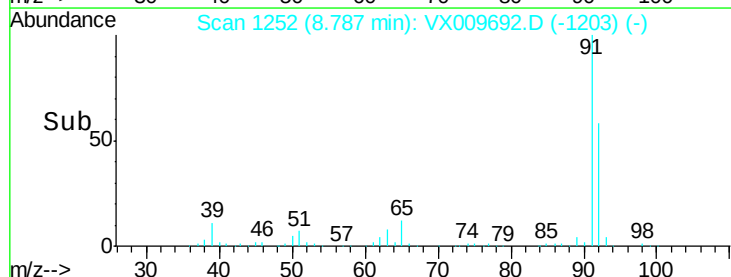


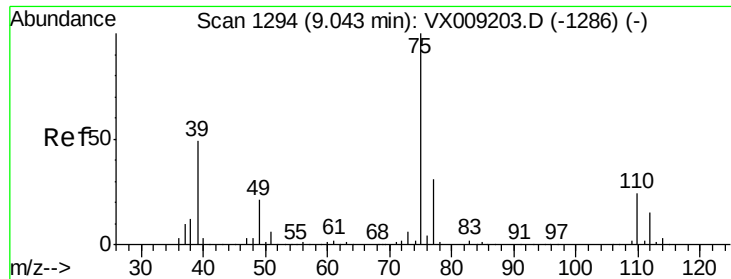
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





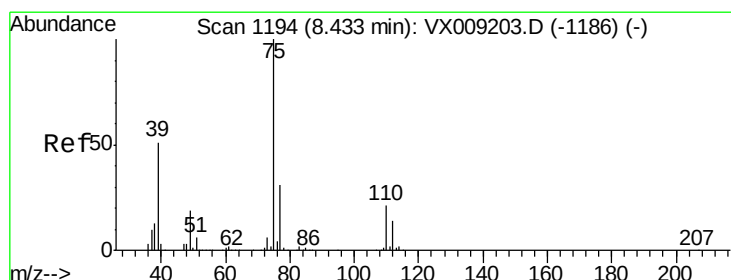
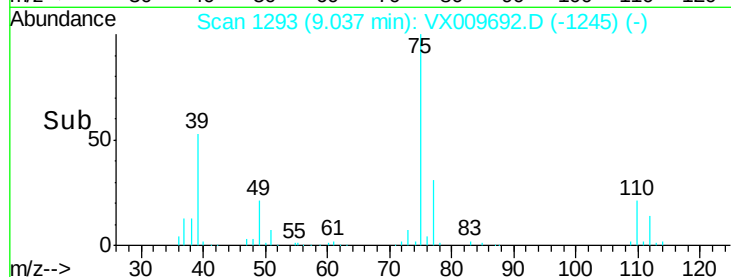
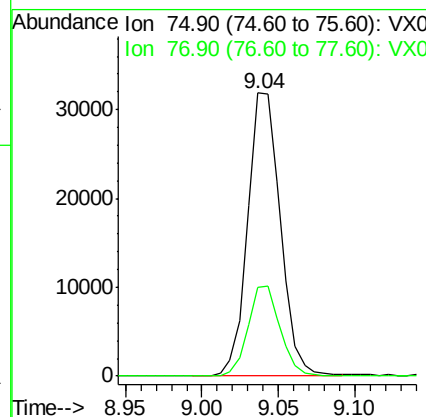
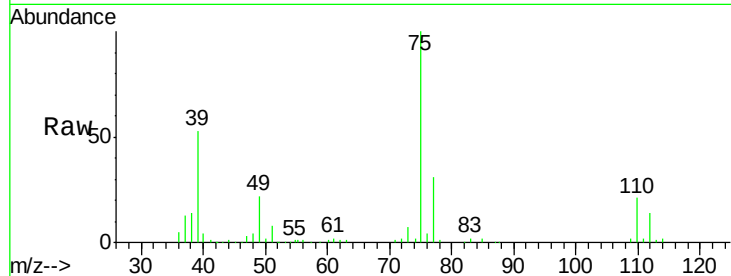
#53
 t-1,3-Dichloropropene
 Concen: 19.837 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion: 75 Resp: 47464
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6

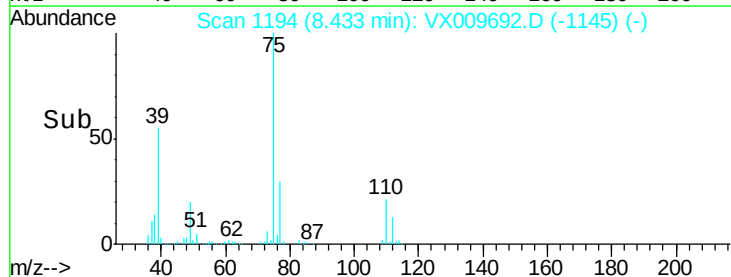
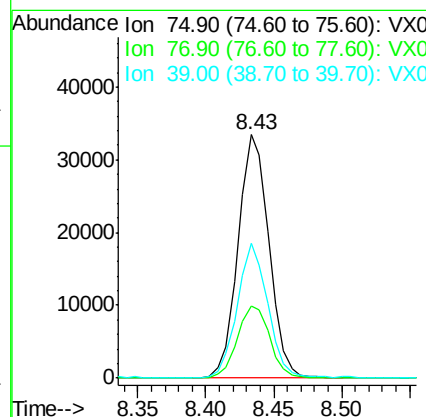
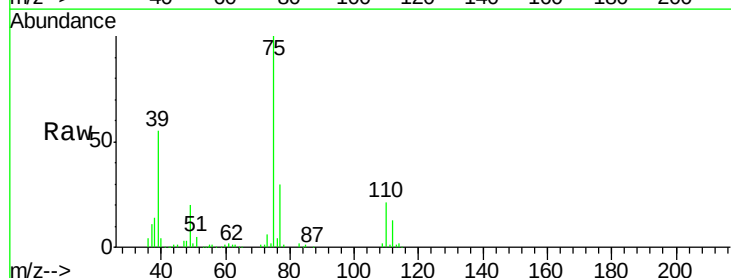
Manual Integrations
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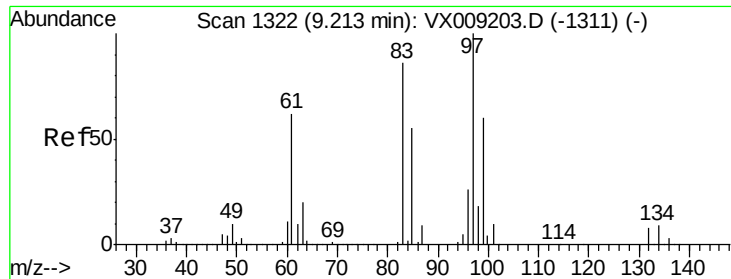
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#54
 cis-1,3-Dichloropropene
 Concen: 20.049 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion: 75 Resp: 53096
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.6 36.8
 39 54.9 40.6 60.8





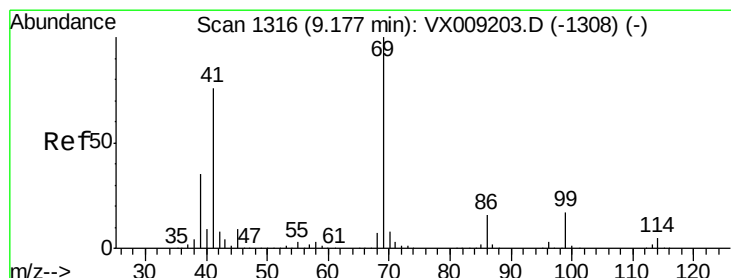
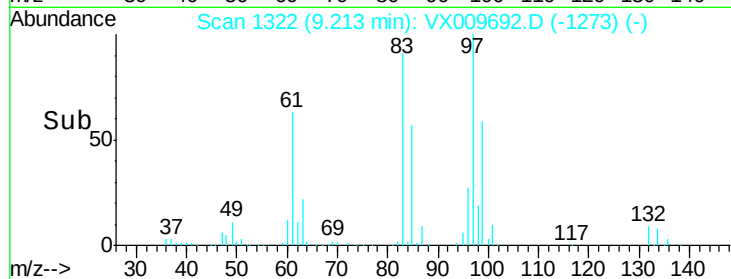
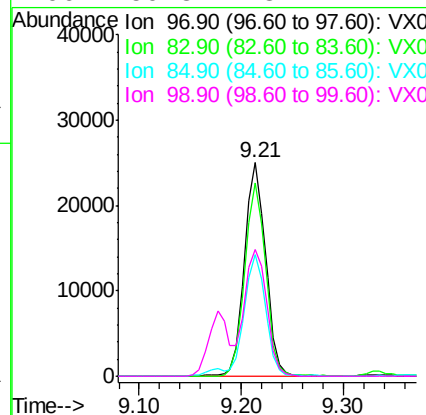
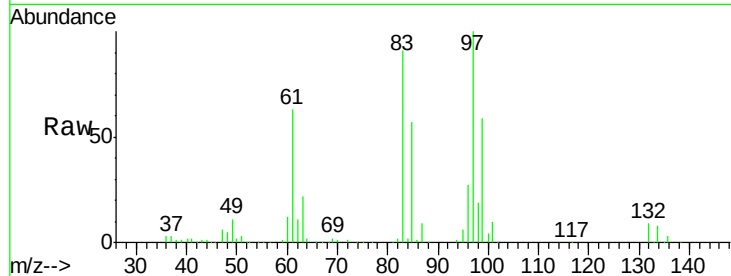
#55
 1,1,2-Trichloroethane
 Concen: 22.471 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	97	Resp	36006
Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.9	103.3
85	57.1	43.8	65.6
99	59.3	48.2	72.2

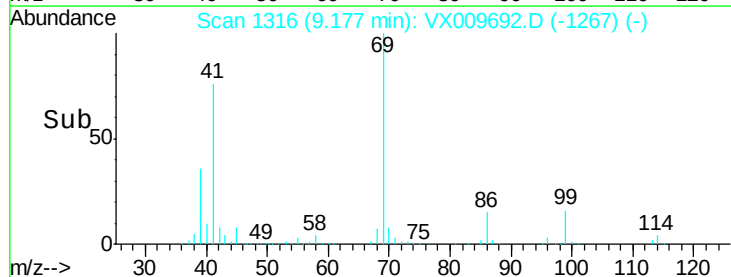
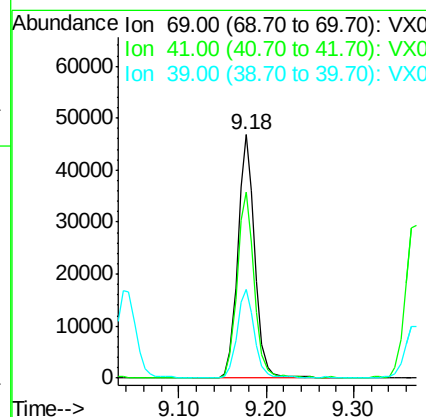
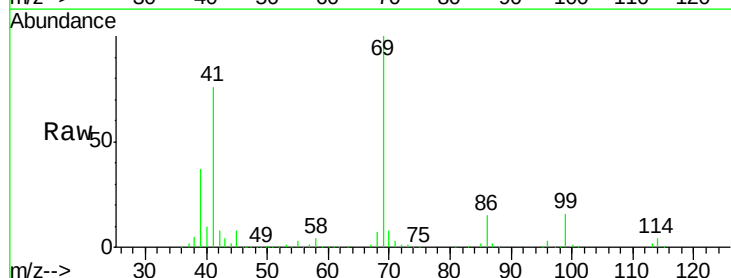
Manual Integrations
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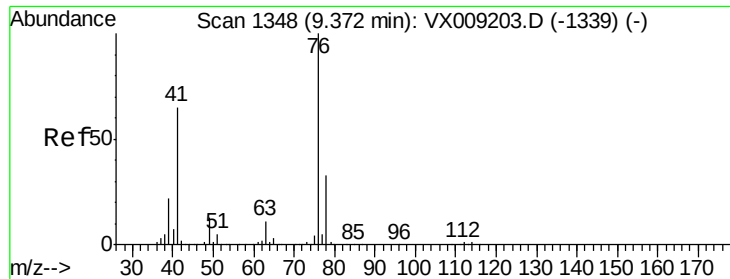
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#56
 Ethyl methacrylate
 Concen: 22.290 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	69	Resp	63755
Ion	Ratio	Lower	Upper
69	100		
41	76.3	60.6	90.8
39	36.9	28.2	42.4





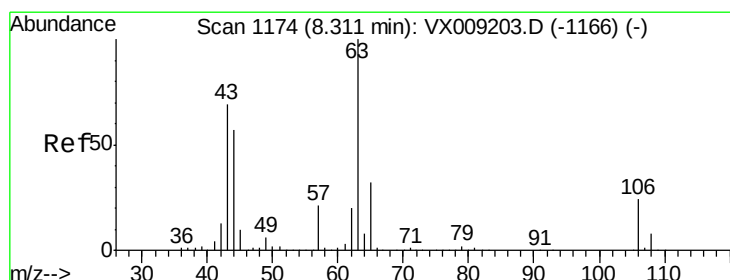
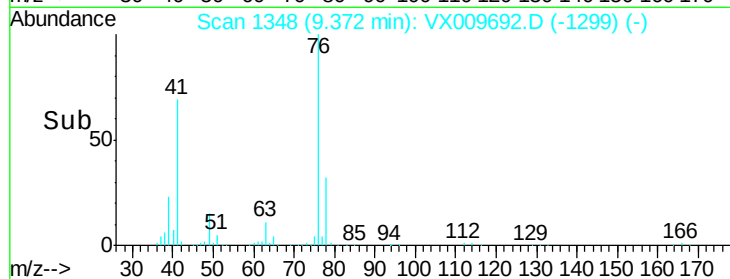
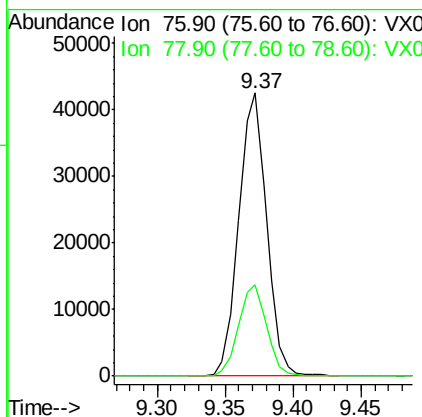
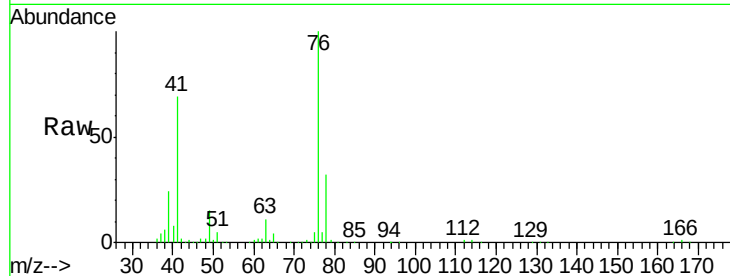
#57
 1,3-Dichloropropane
 Concen: 21.570 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3

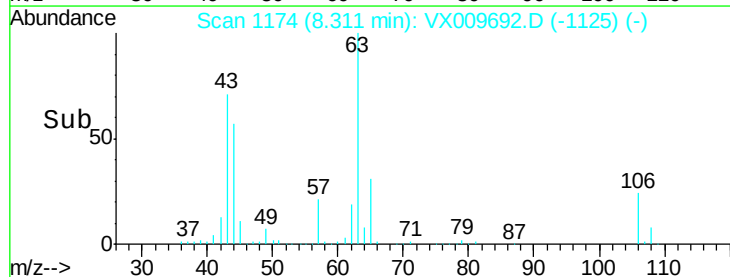
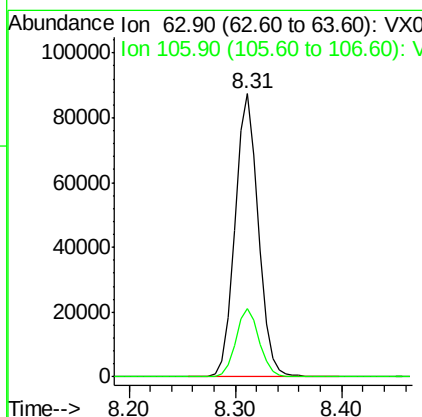
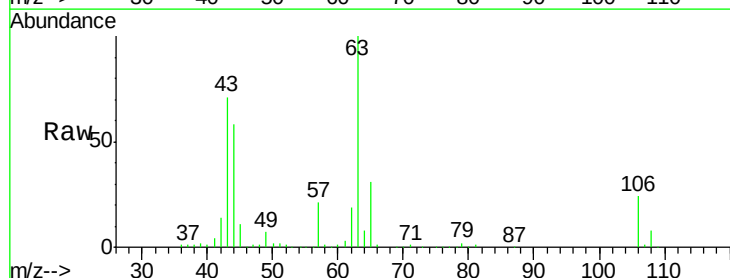
Manual Integrations
 APPROVED

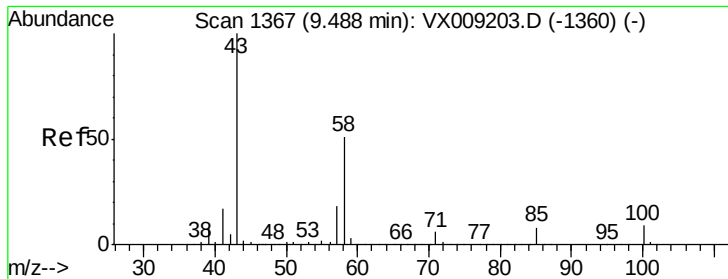
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#58
 2-Chloroethyl Vinyl ether
 Concen: 88.623 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.1	19.7	29.5





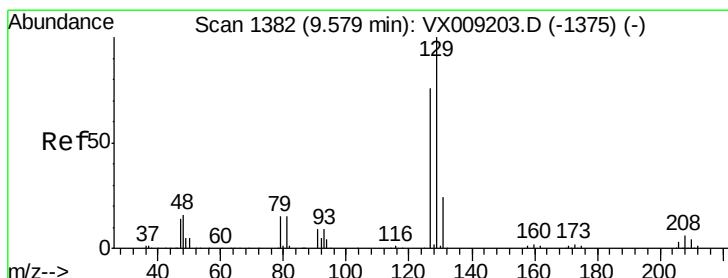
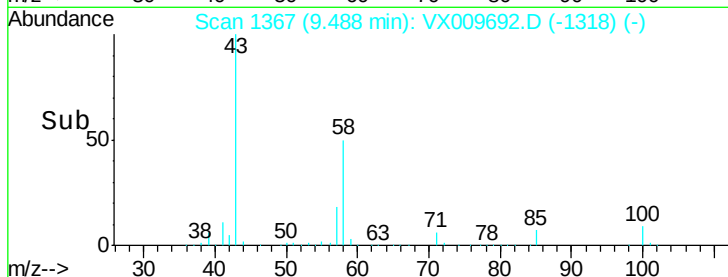
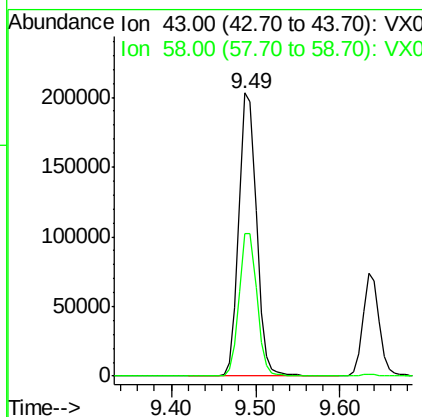
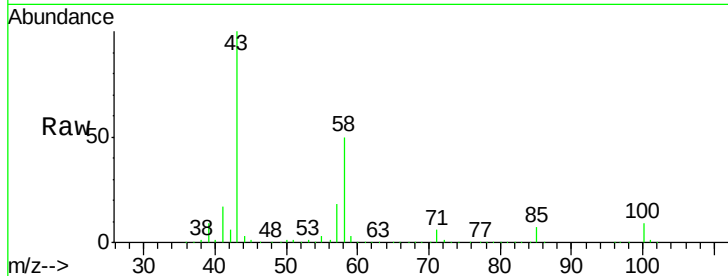
#59
2-Hexanone
Concen: 119.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion: 43 Resp: 286095
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.7

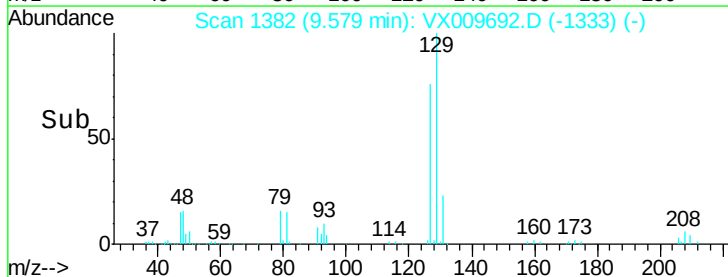
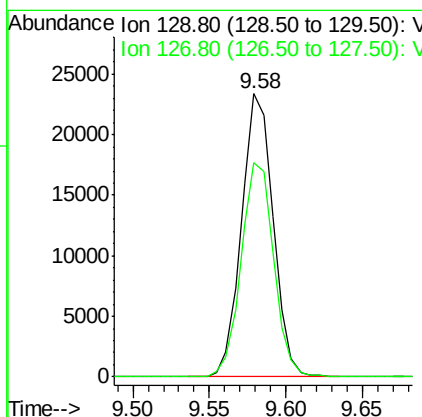
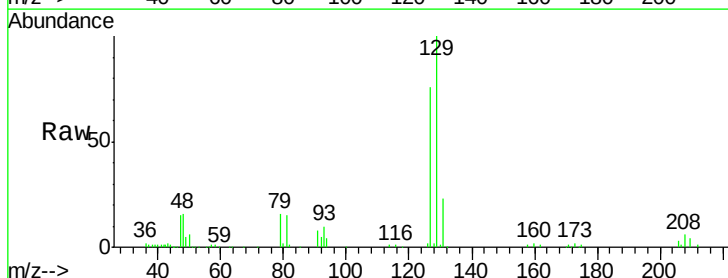
Manual Integrations
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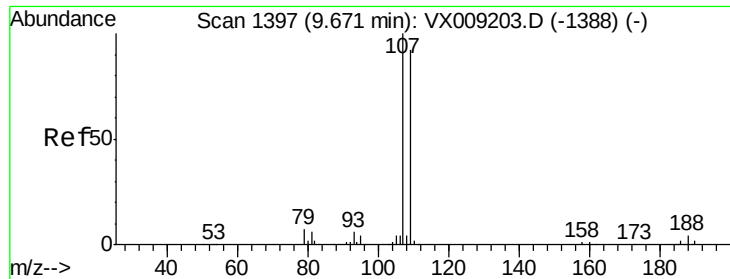
MMDadoda
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#60
Dibromochloromethane
Concen: 21.484 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:129 Resp: 33622
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.817 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 107 Resp: 35288

Ion Ratio Lower Upper

107 100

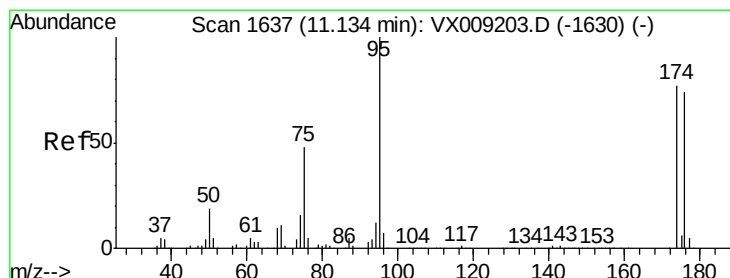
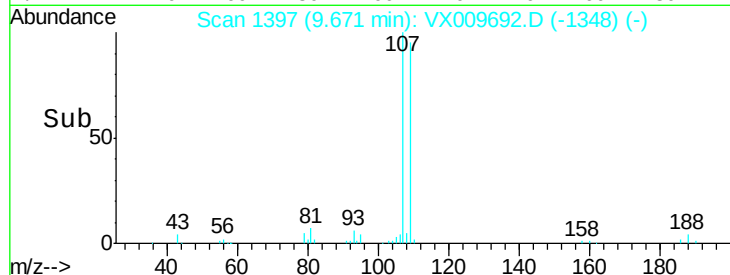
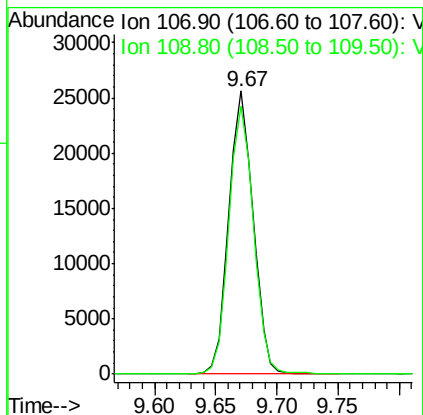
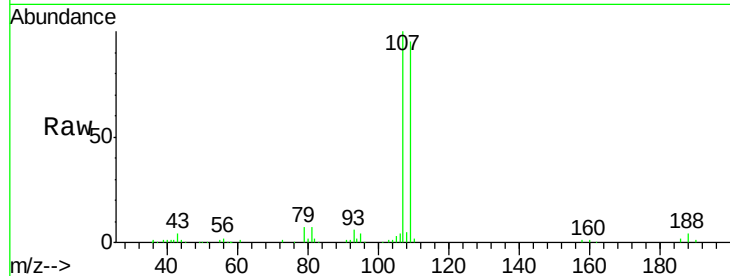
109 95.5 75.2 112.8

Manual Integrations

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5/20/2019 10:47:07 AM



#62

4-Bromofluorobenzene

Concen: 47.539 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

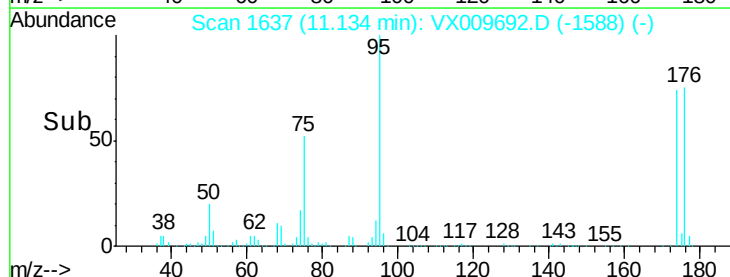
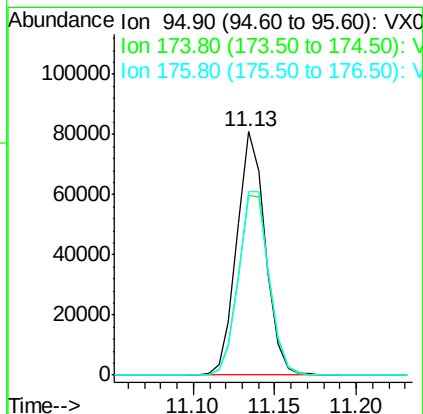
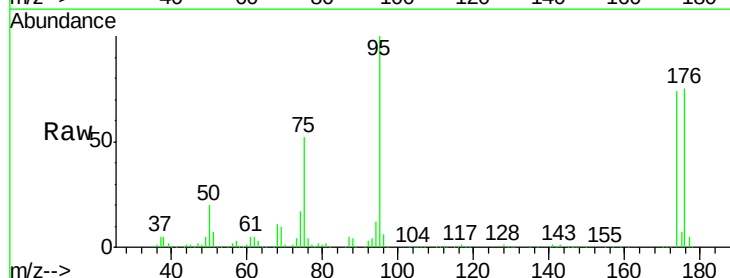
Tgt Ion: 95 Resp: 98489

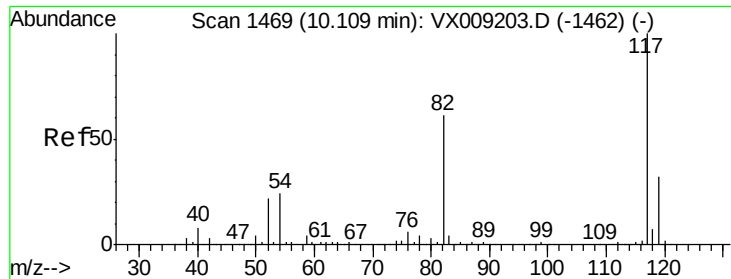
Ion Ratio Lower Upper

95 100

174 80.4 0.0 161.6

176 80.6 0.0 159.2





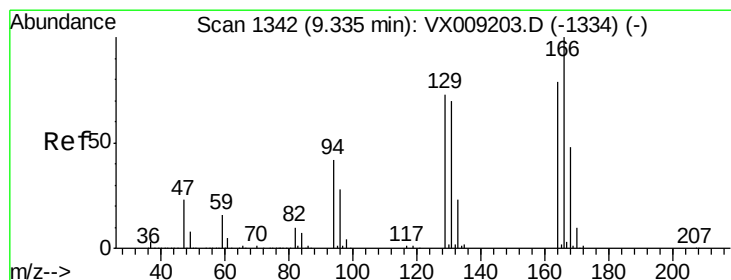
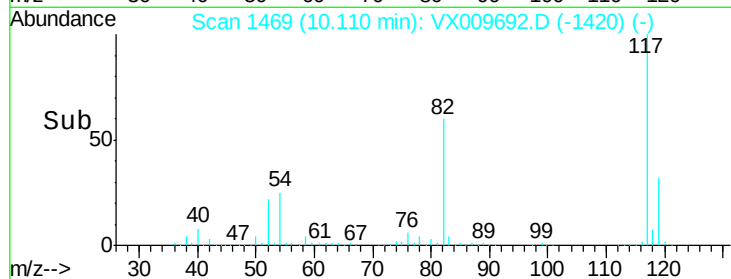
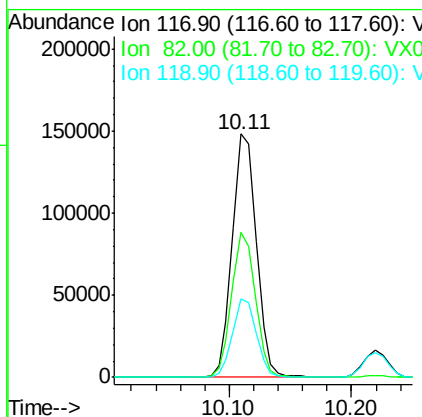
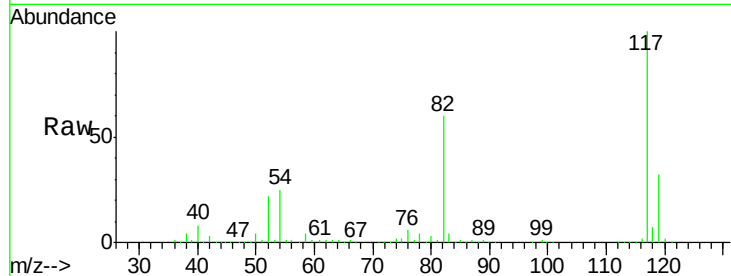
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.8	73.2
119	32.1	25.8	38.6

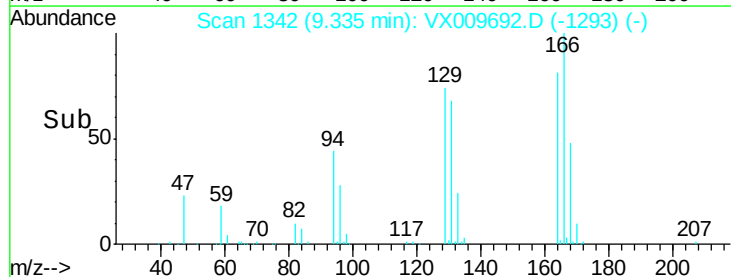
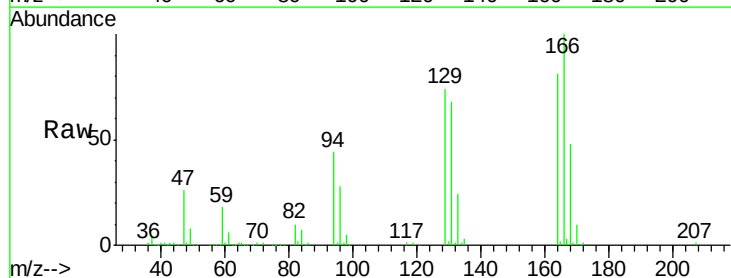
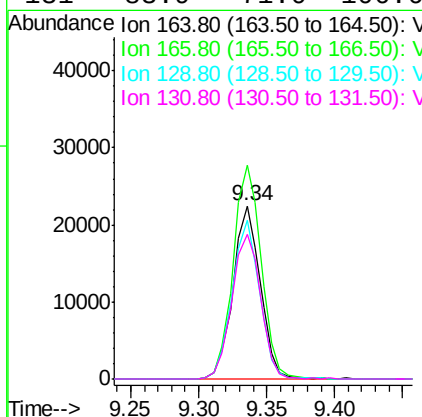
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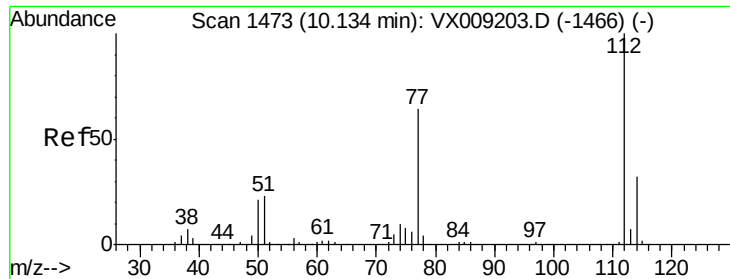
MMDadoda
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#64
Tetrachloroethene
Concen: 22.654 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	101.2	151.8
129	91.7	74.3	111.5
131	83.9	71.0	106.6





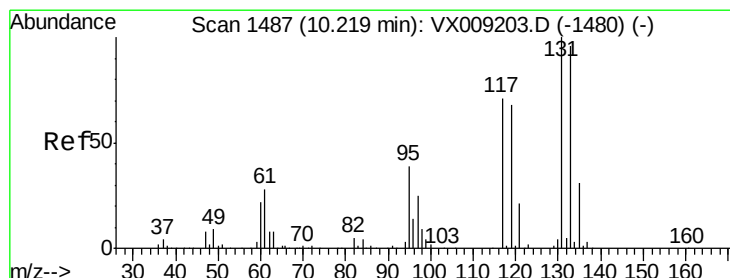
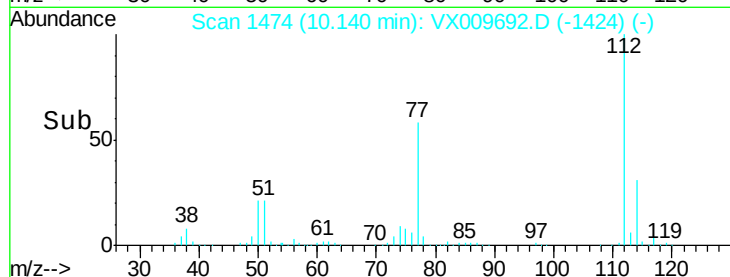
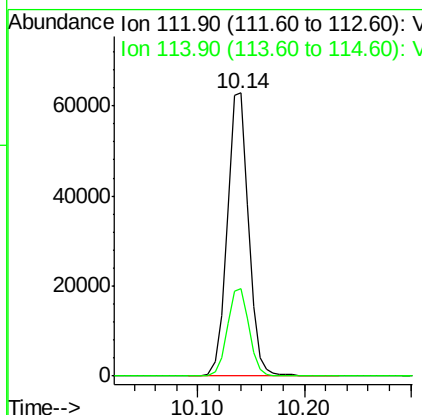
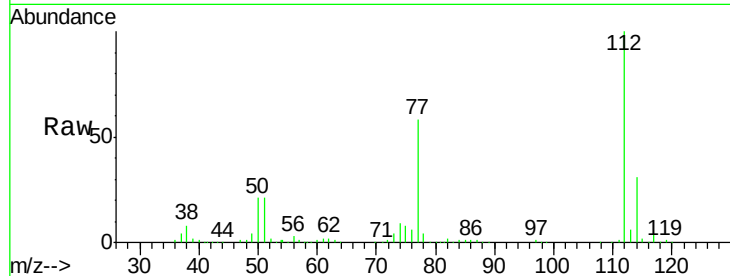
#65
Chlorobenzene
Concen: 21.870 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion:112 Resp: 88334
Ion Ratio Lower Upper
112 100
114 30.7 25.5 38.3

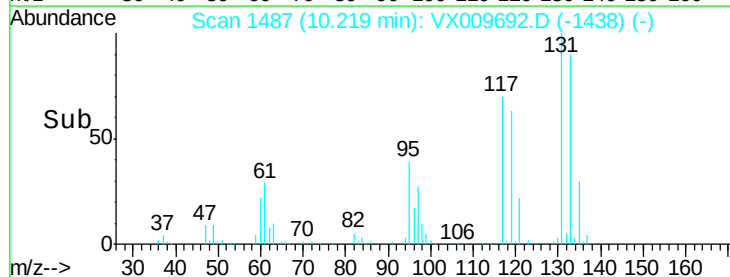
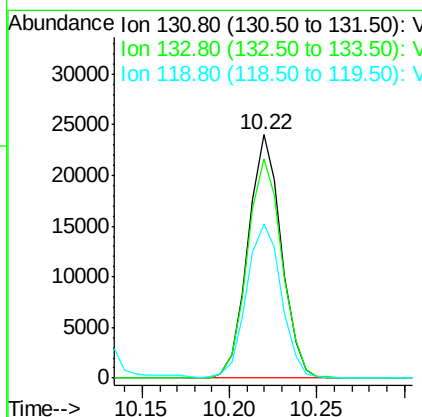
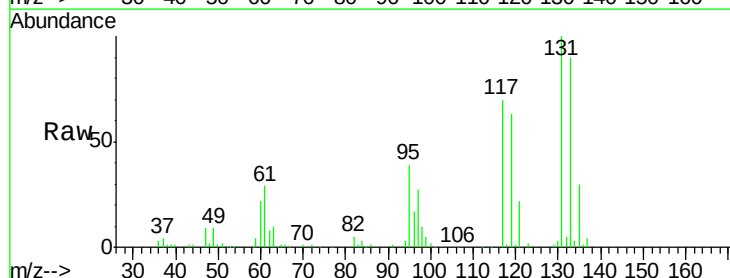
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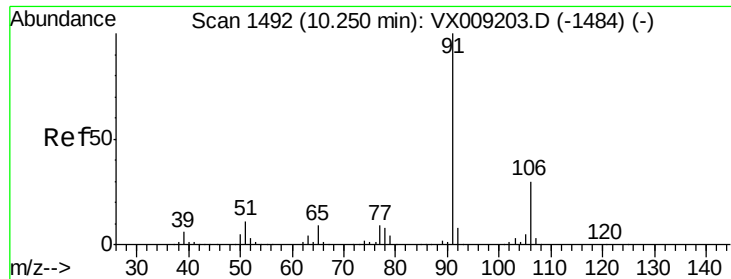
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.761 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:131 Resp: 31864
Ion Ratio Lower Upper
131 100
133 93.8 47.7 143.1
119 66.7 33.5 100.4





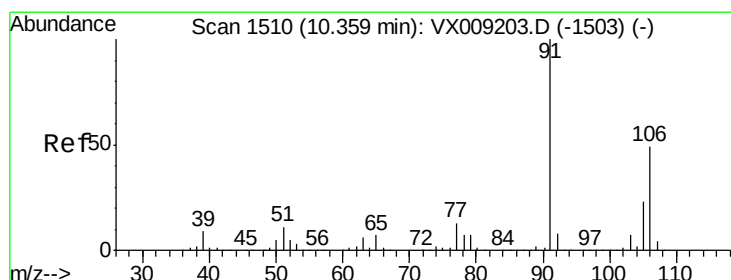
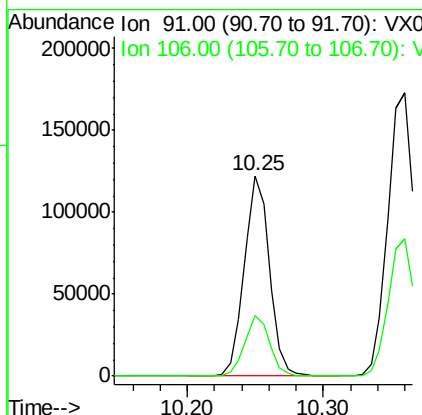
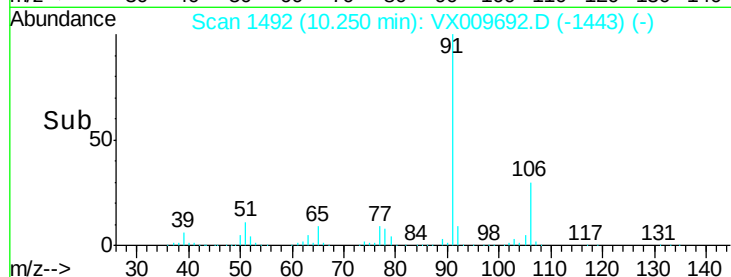
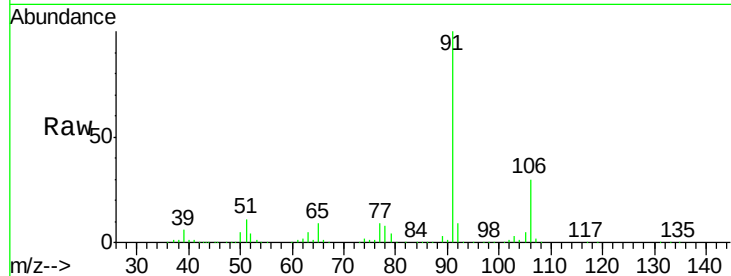
#67
Ethyl Benzene
Concen: 21.364 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion: 91 Resp: 158802
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

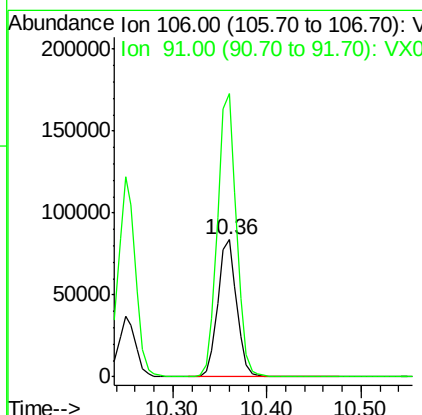
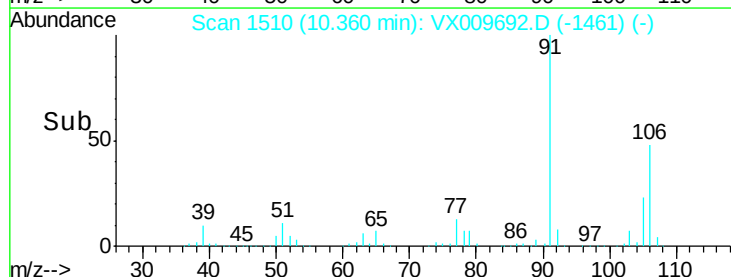
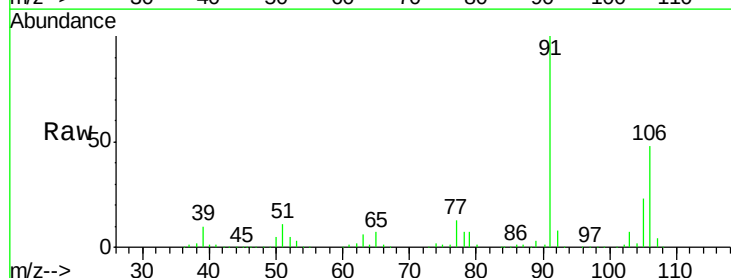
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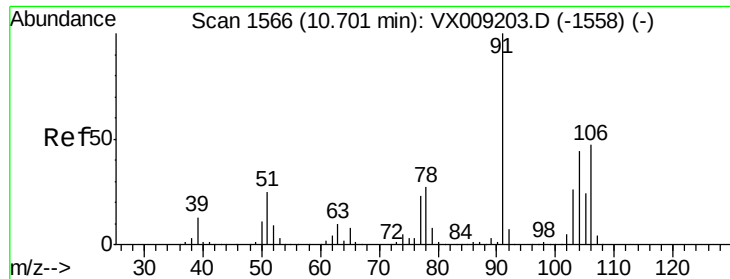
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#68
m/p-Xylenes
Concen: 42.648 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion: 106 Resp: 115847
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0





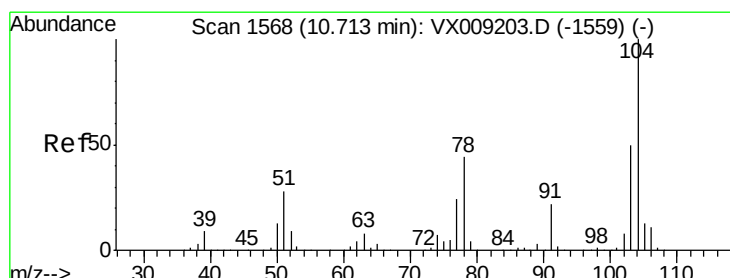
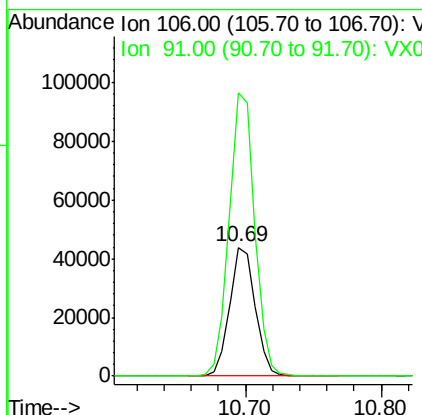
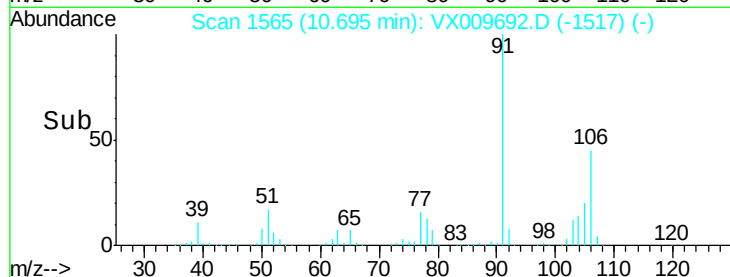
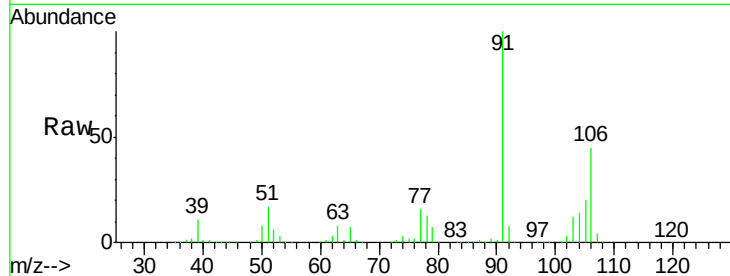
#69
o-Xylene
Concen: 21.501 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion:106 Resp: 57625
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.4

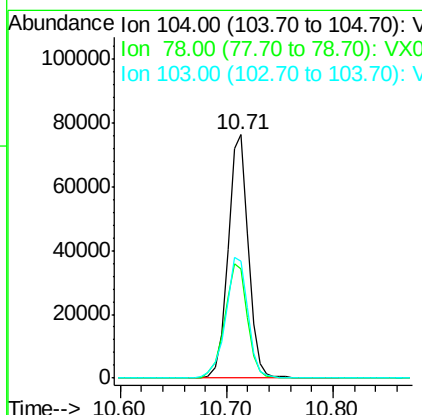
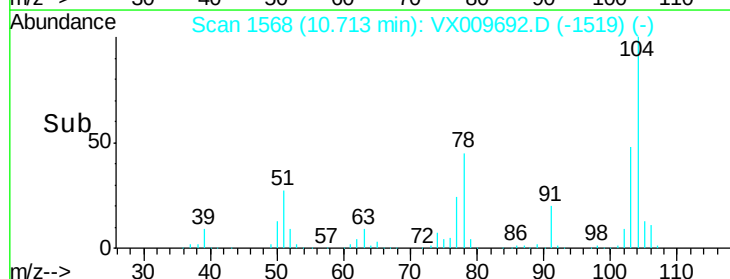
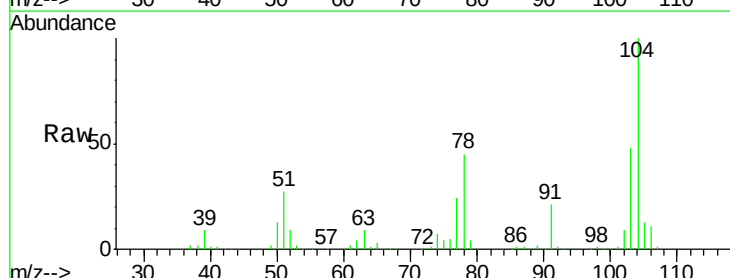
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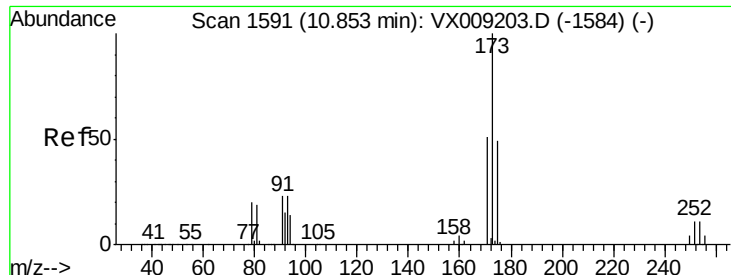
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#70
Styrene
Concen: 21.784 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion:104 Resp: 101475
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 54.7 43.8 65.6





#71

Bromoform

Concen: 21.101 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion:173 Resp: 25110

Ion Ratio Lower Upper

173 100

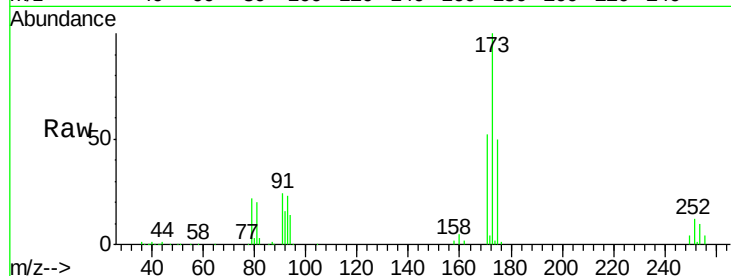
175 50.0 24.5 73.5

254 0.0 0.1 0.1#

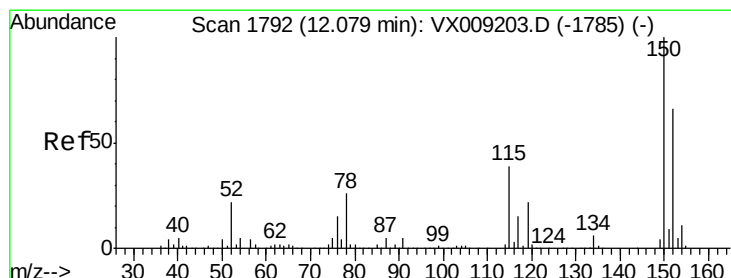
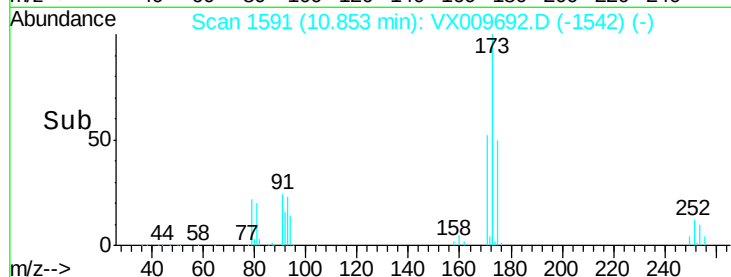
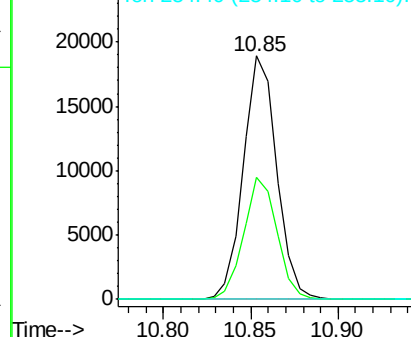
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

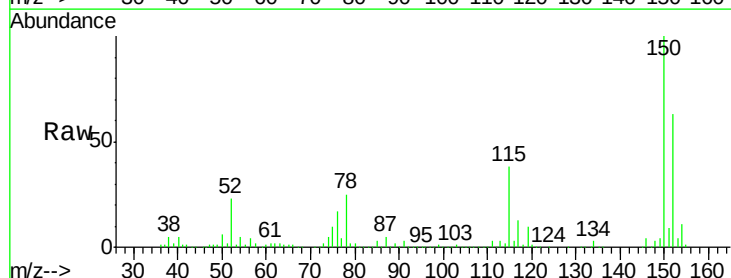
Tgt Ion:152 Resp: 97863

Ion Ratio Lower Upper

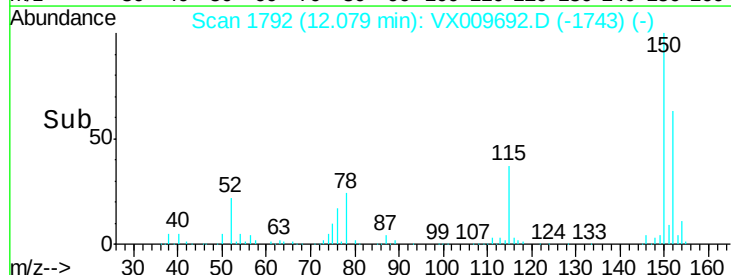
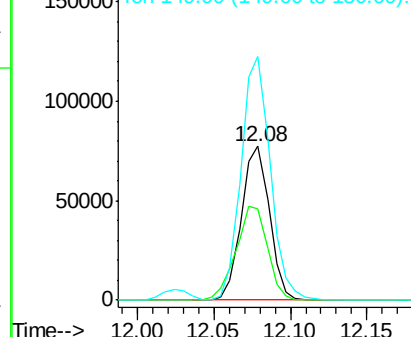
152 100

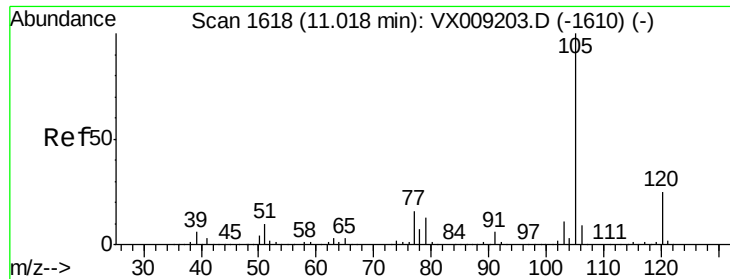
115 69.1 41.2 123.6

150 165.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 21.540 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 105 Resp: 153289

Ion Ratio Lower Upper

105 100

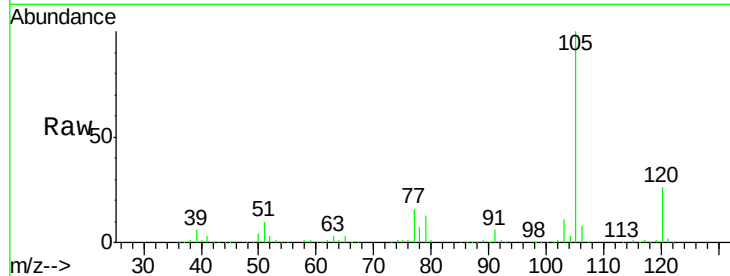
120 25.8 12.8 38.3

Manual Integrations

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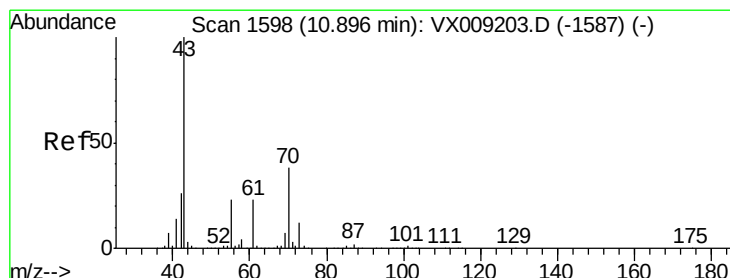
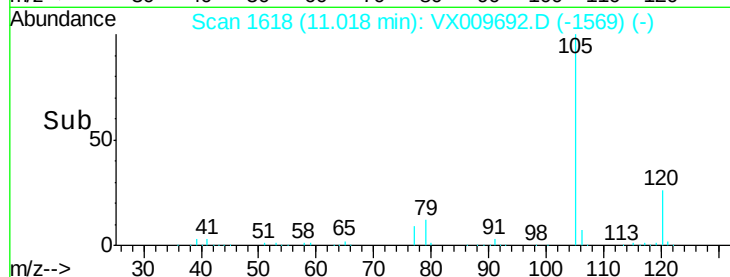
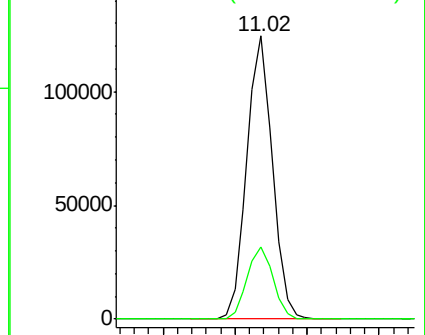
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.764 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion: 43 Resp: 94446

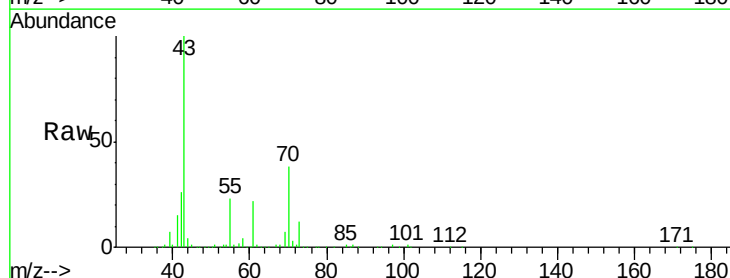
Ion Ratio Lower Upper

43 100

70 36.7 30.0 45.0

55 23.3 17.9 26.9

61 22.0 18.4 27.6

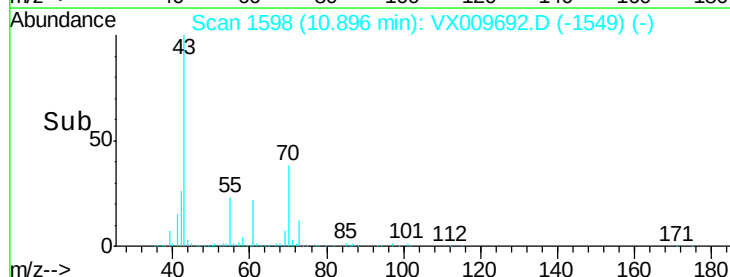
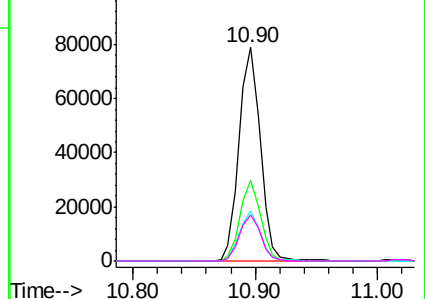


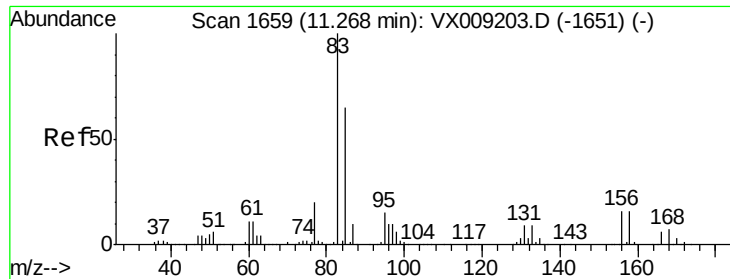
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.921 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

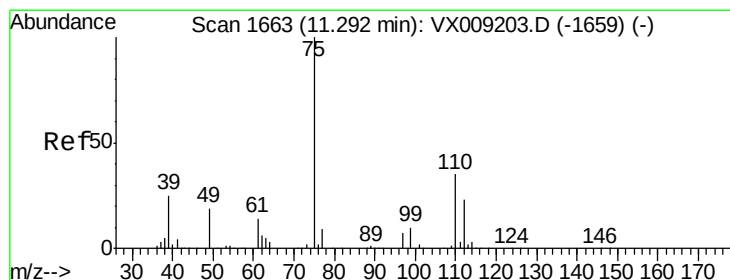
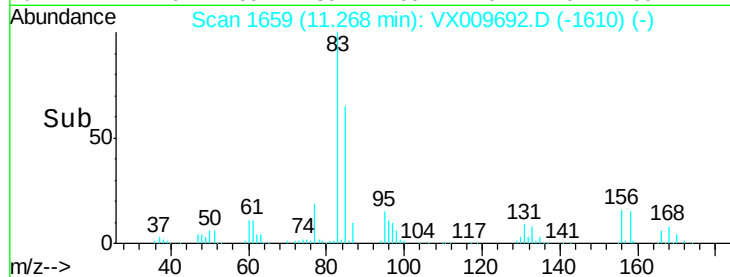
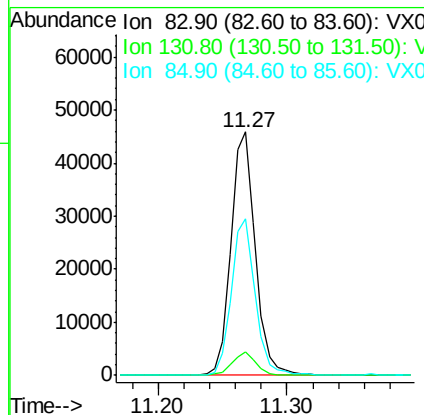
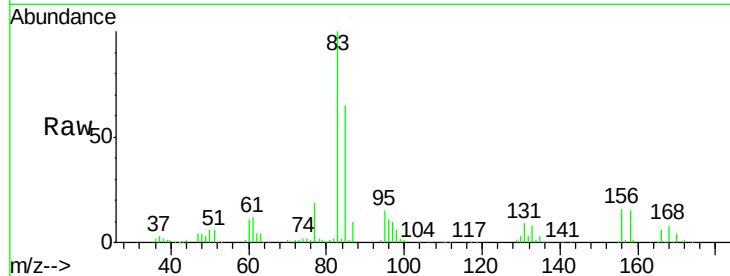
ClientSampleId :

VX0517WBSD04

Tot Ion:	83	Resp:	60807
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.6	13.8
85	63.4	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 22.788 ug/l m

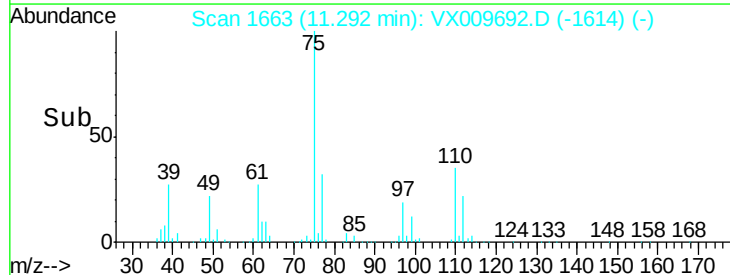
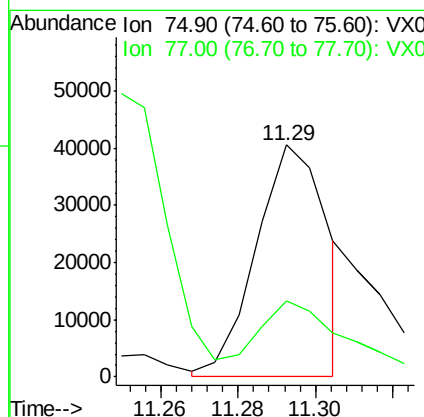
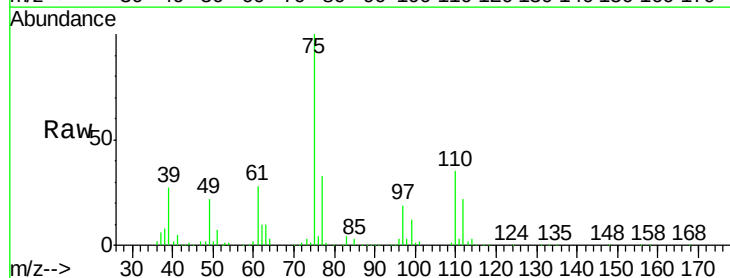
RT: 11.29 min Scan# 1663

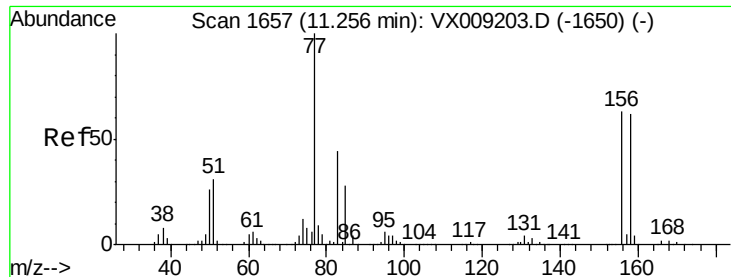
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	75	Resp:	51730
Ion Ratio	Lower	Upper	
75	100		
77	41.6	22.1	66.1





#77

Bromobenzene

Concen: 22.174 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

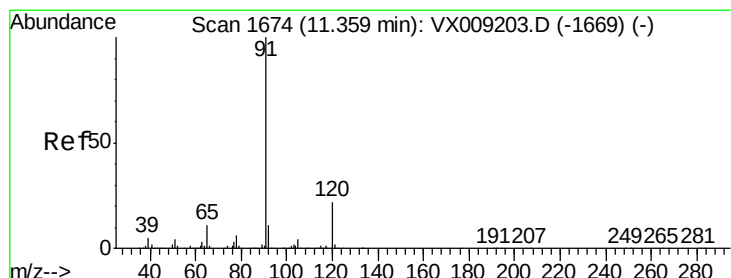
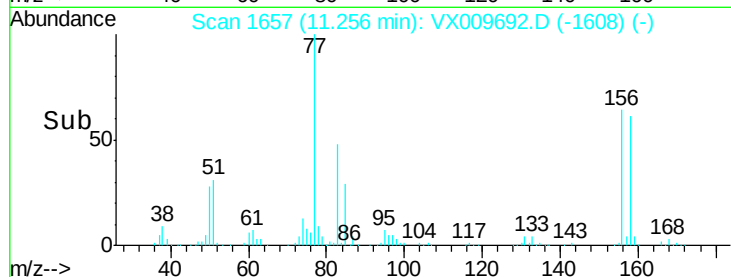
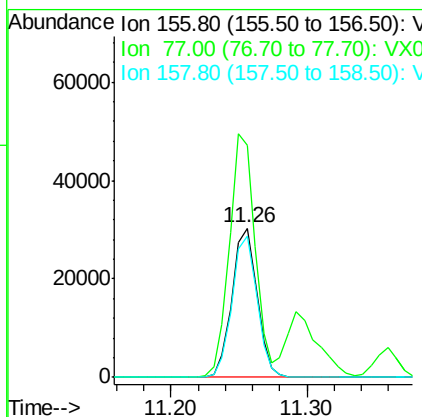
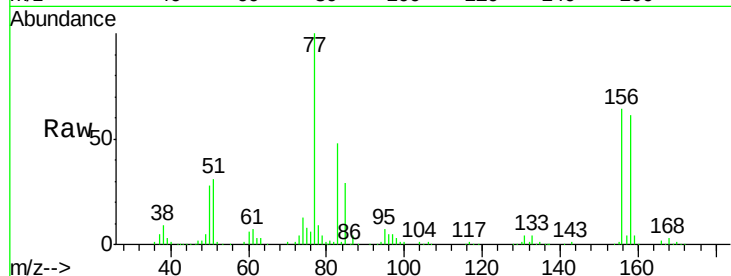
ClientSampleId :

VX0517WBSD04

Tot Ion:	156	Resp:	39166
Ion	Ratio	Lower	Upper
156	100		
77	166.0	84.8	254.3
158	94.3	49.1	147.3

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#78

n-propylbenzene

Concen: 21.305 ug/l

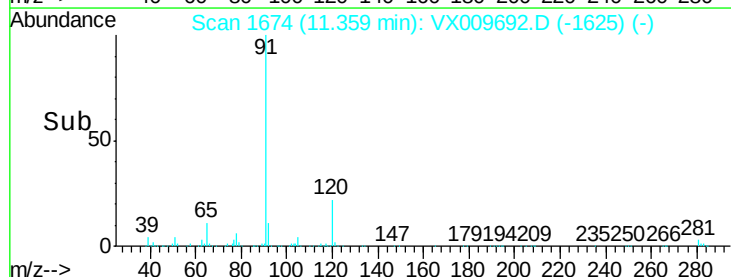
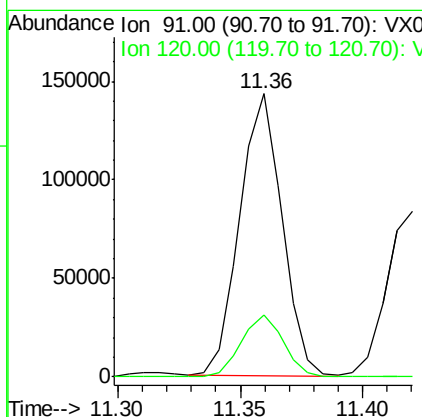
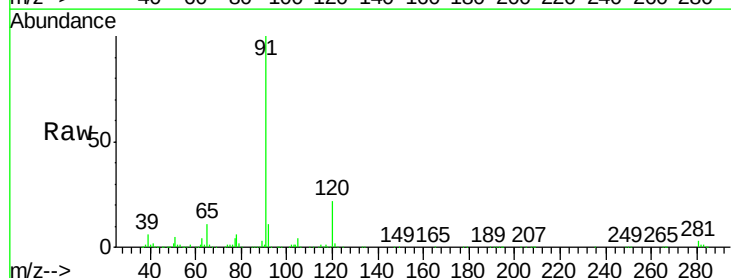
RT: 11.36 min Scan# 1674

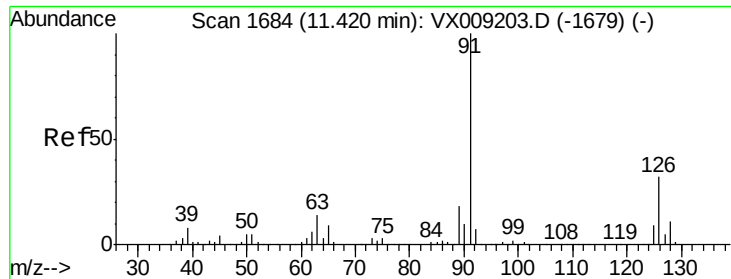
Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Tgt Ion:	91	Resp:	173154
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 21.448 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion: 91 Resp: 107544

Ion Ratio Lower Upper

91 100

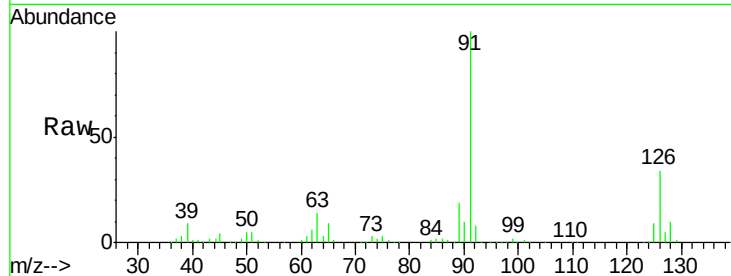
126 33.0 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)

150000

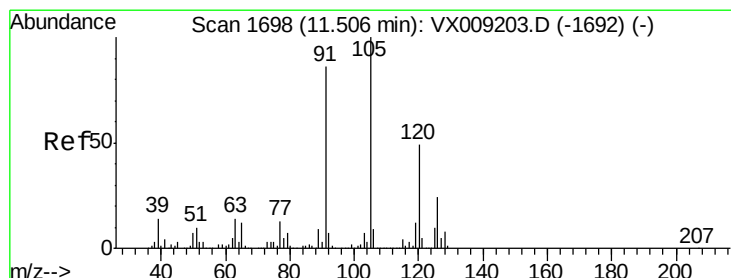
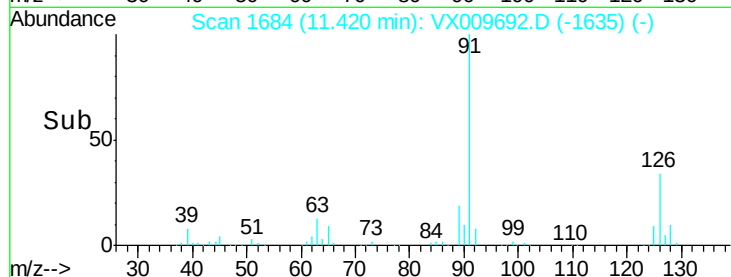
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.510 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009692.D

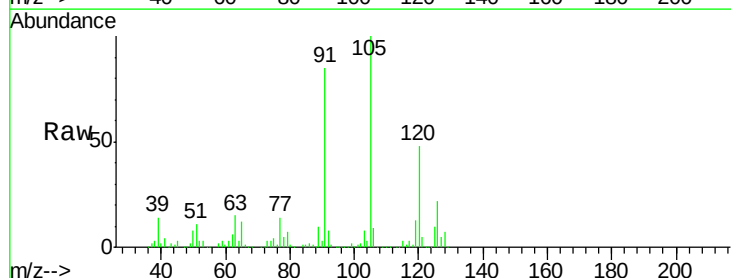
Acq: 18 May 2019 04:19

Tgt Ion:105 Resp: 128893

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)

120000

100000

80000

60000

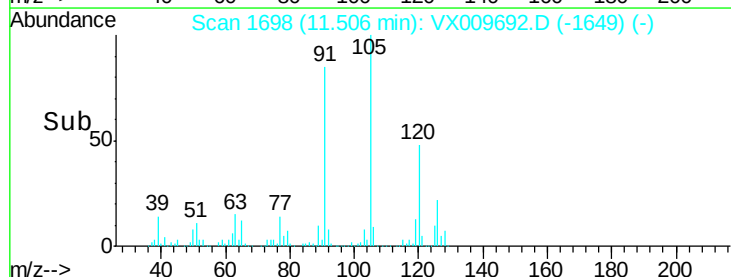
40000

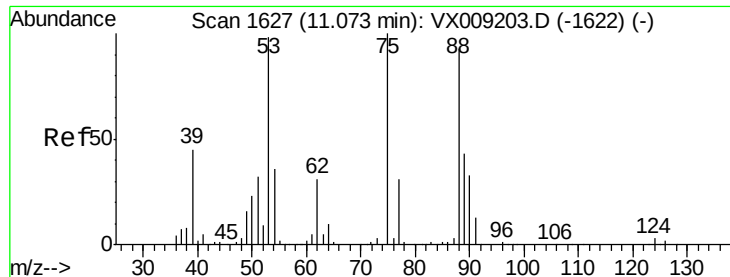
20000

0

11.50 11.60

Time-->





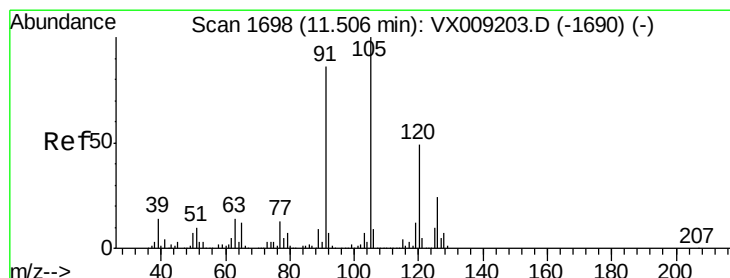
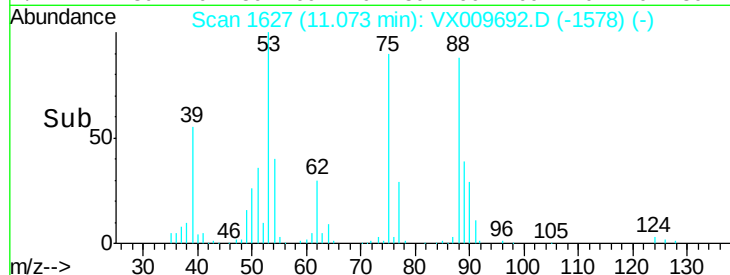
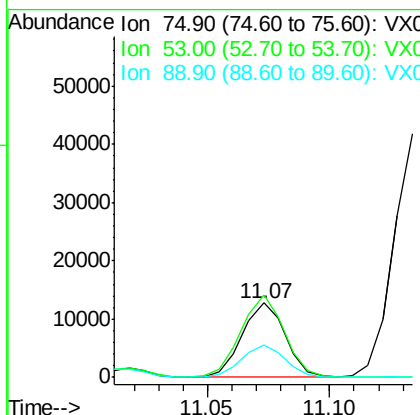
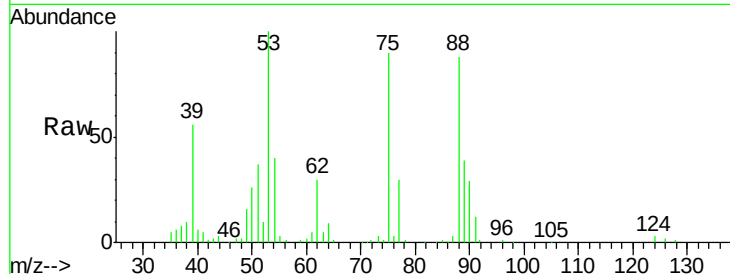
#81
trans-1,4-Dichloro-2-butene
Concen: 17.544 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	79.0	118.6
89	44.1	34.7	52.1

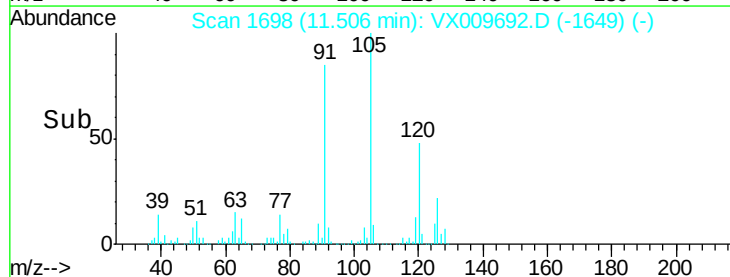
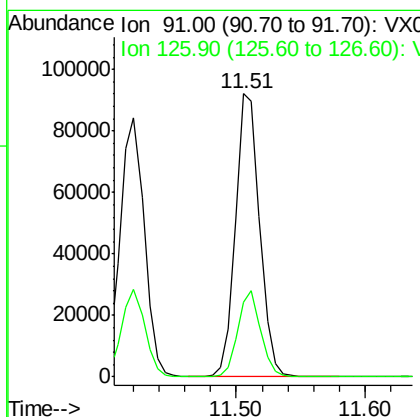
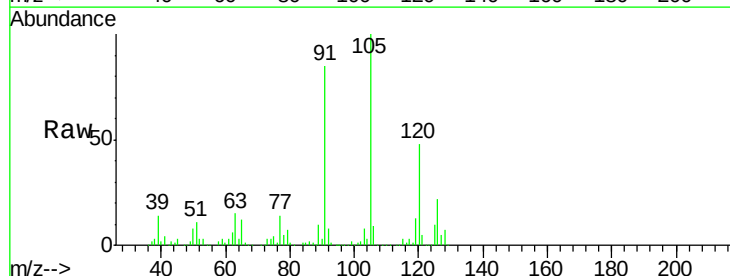
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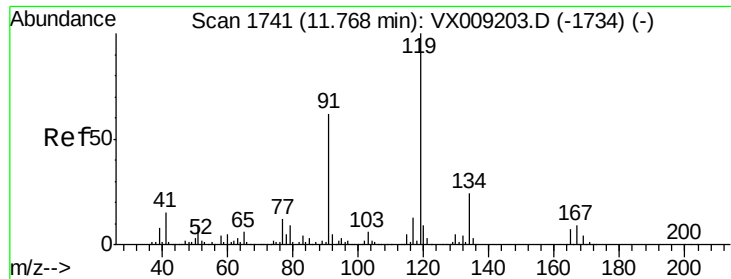
MMDadoda
5/20/2019 10:47:07 AM



#82
4-Chlorotoluene
Concen: 21.224 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.5	43.6





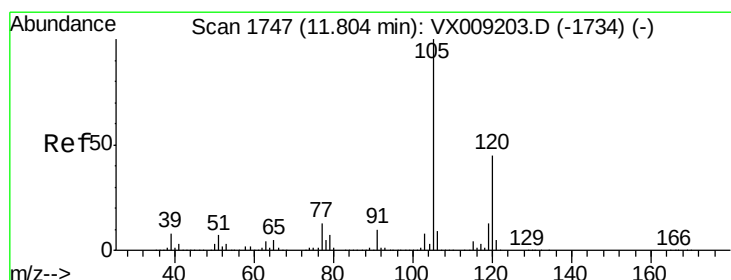
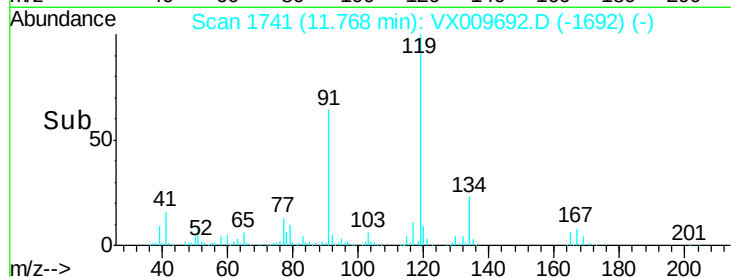
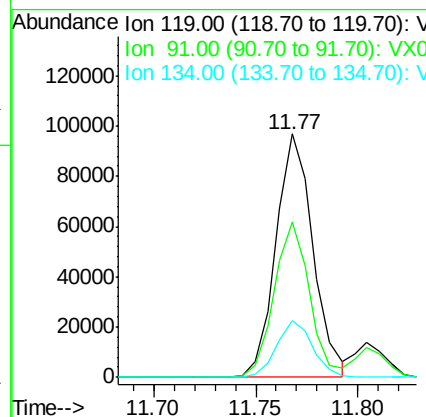
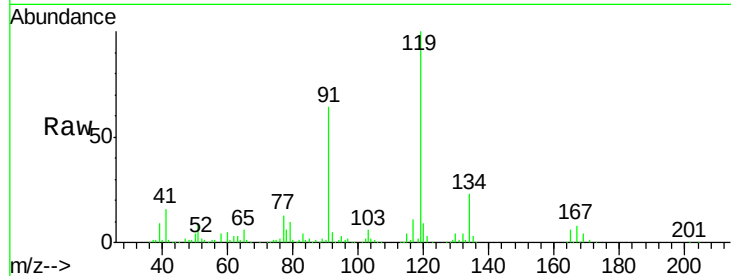
#83
tert-Butylbenzene
Concen: 21.071 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	122822		
91	60.9	29.5	88.5	
134	22.6	11.4	34.1	

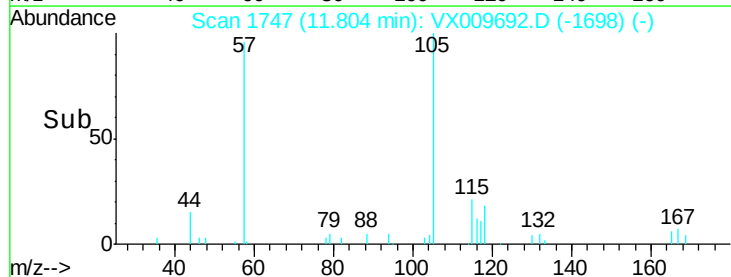
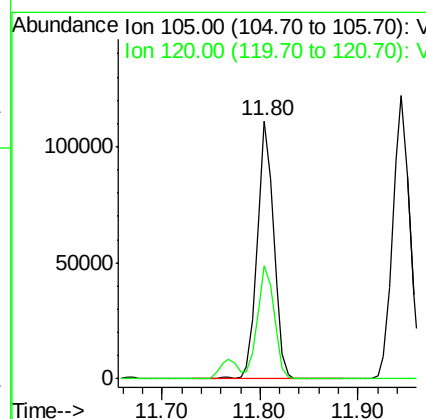
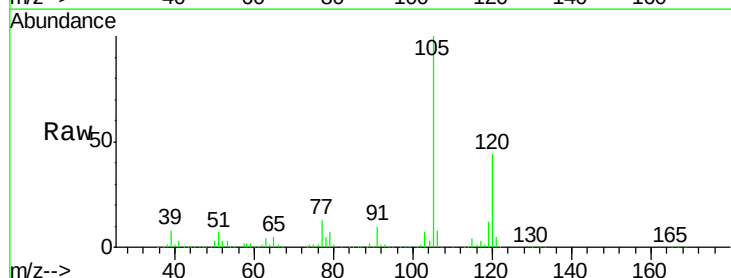
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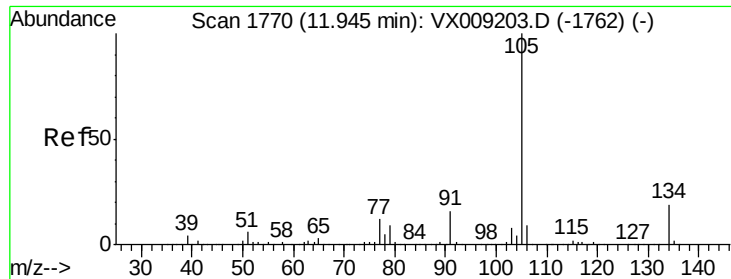
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#84
1,2,4-Trimethylbenzene
Concen: 21.665 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	130307		
120	44.1	22.0	66.0	





#85

sec-Butylbenzene

Concen: 21.165 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBSD04

Tot Ion:105 Resp: 146269

Ion Ratio Lower Upper

105 100

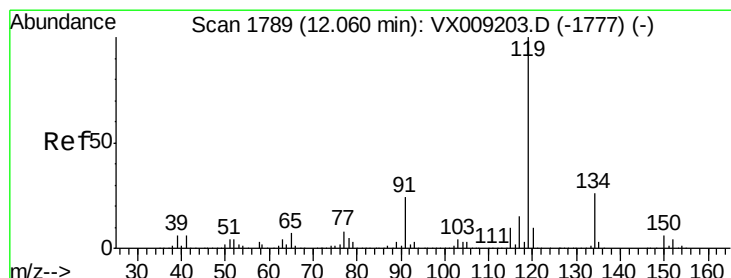
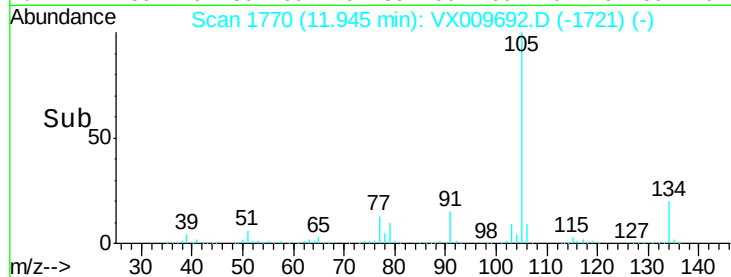
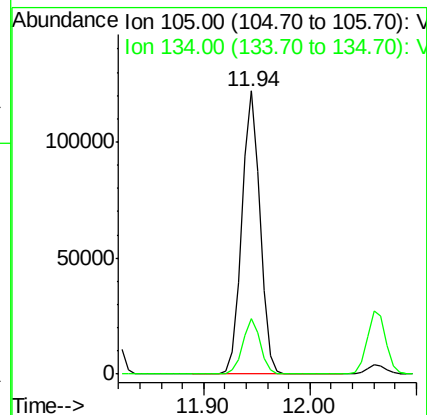
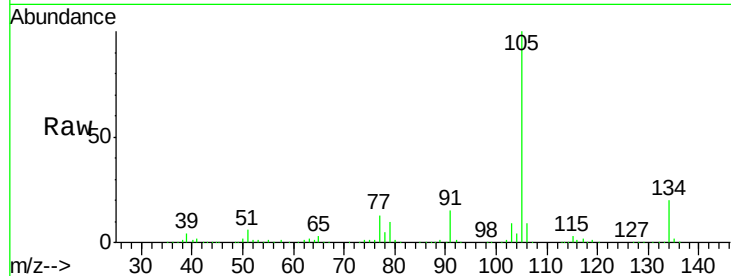
134 19.2 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.121 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009692.D

Acq: 18 May 2019 04:19

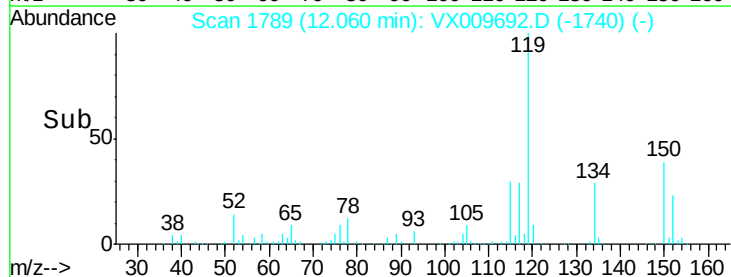
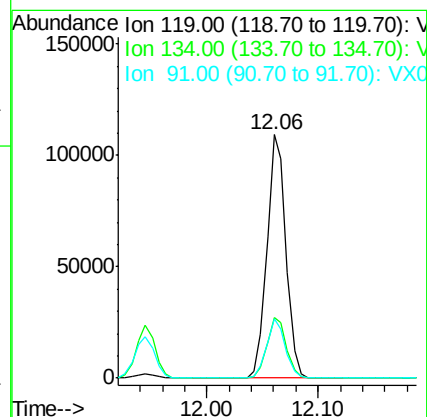
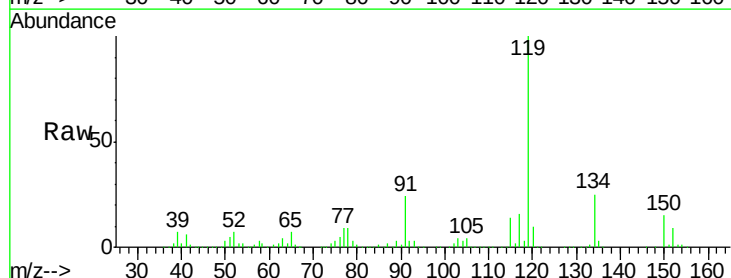
Tgt Ion:119 Resp: 131221

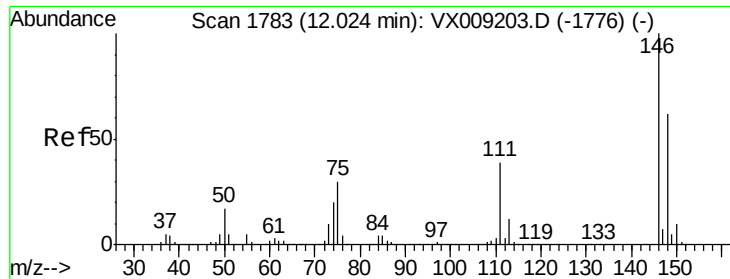
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 24.1 11.8 35.4





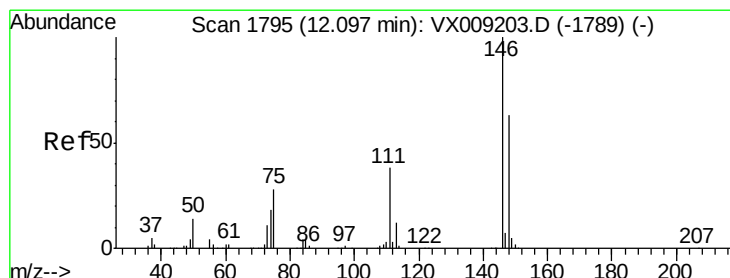
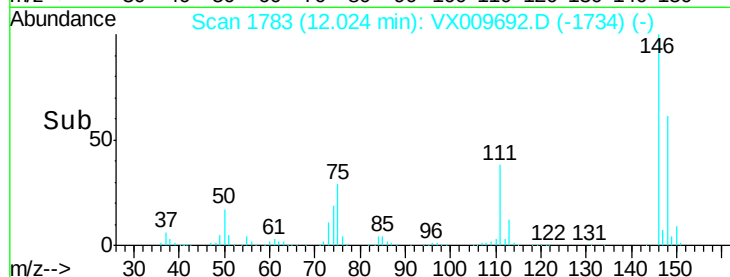
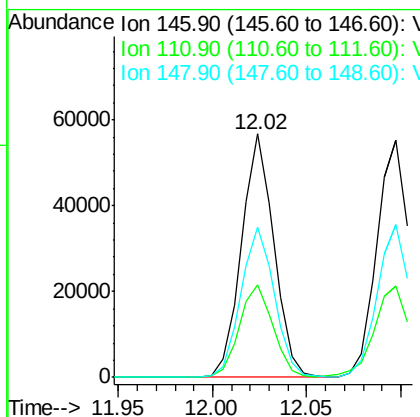
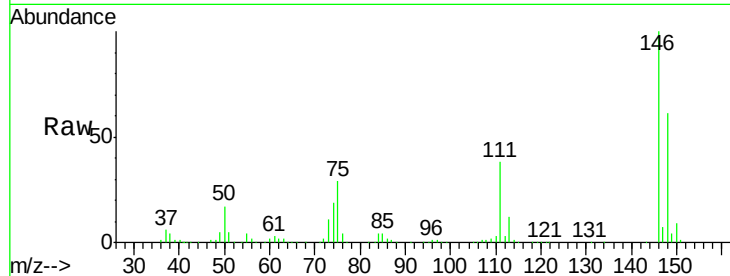
#87
 1,3-Dichlorobenzene
 Concen: 21.505 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	59.9
148	63.6	31.8	95.3

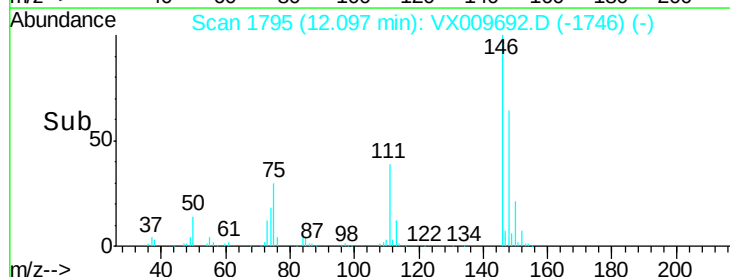
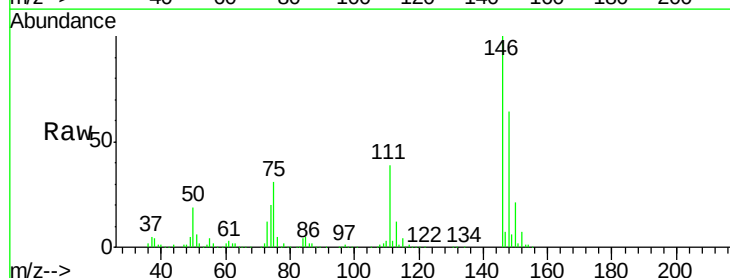
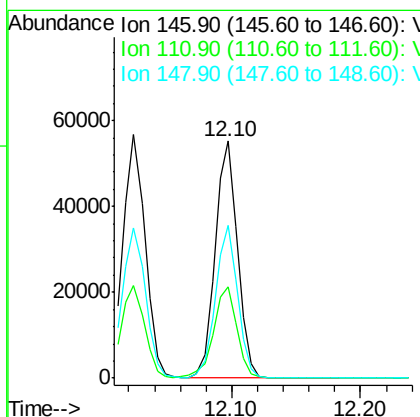
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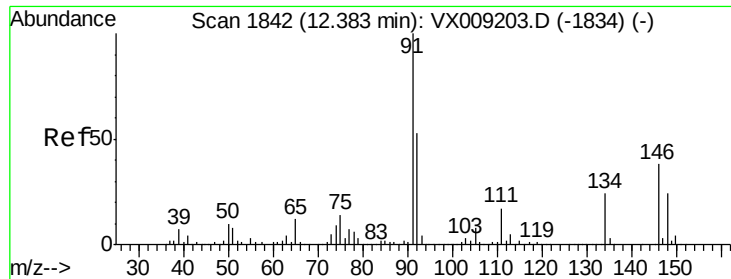
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#88
 1,4-Dichlorobenzene
 Concen: 21.264 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	63.7	31.8	95.3





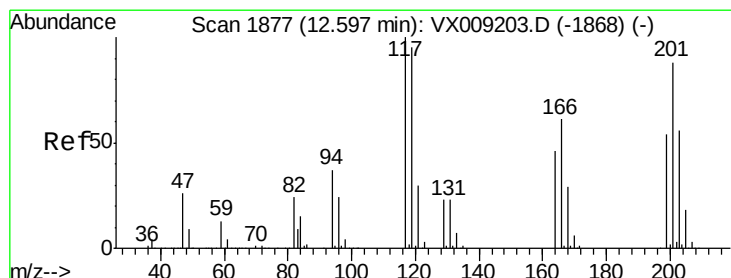
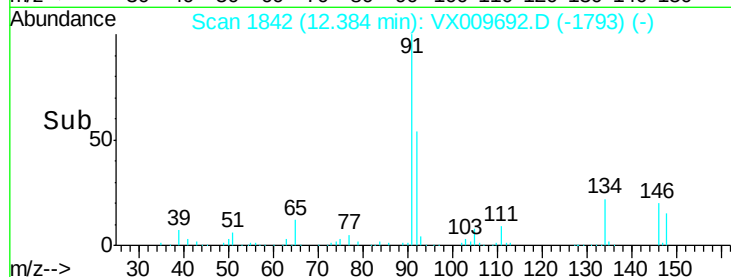
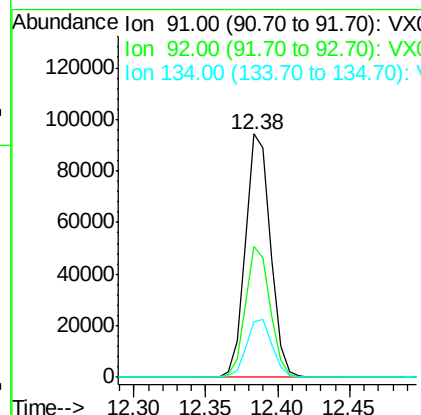
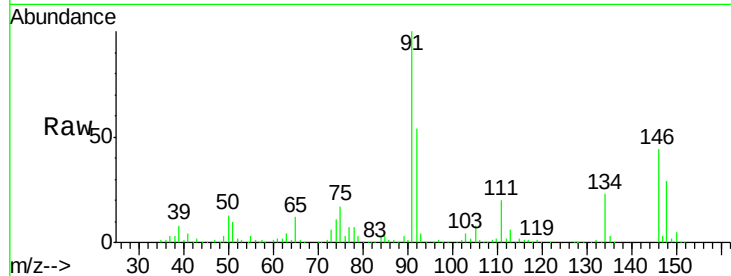
#89
n-Butylbenzene
Concen: 20.247 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
91	100	113691		
92	52.6	26.5	79.5	
134	24.2	12.4	37.2	

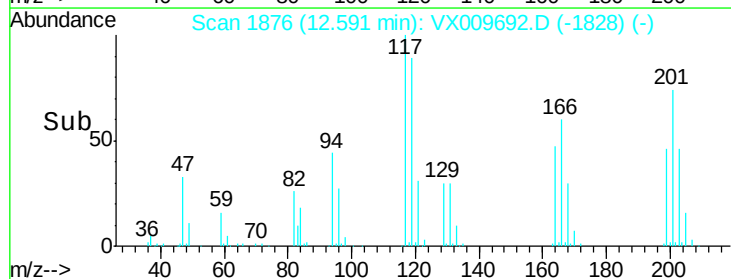
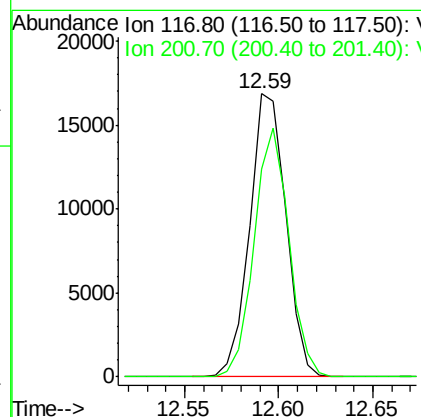
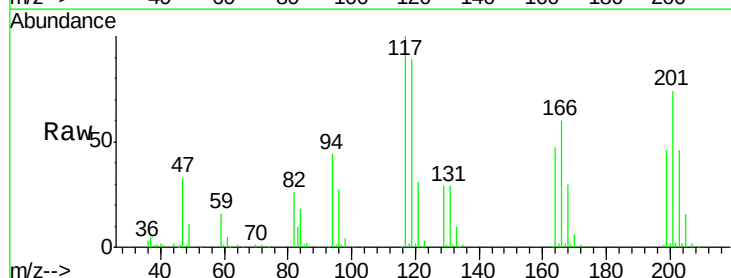
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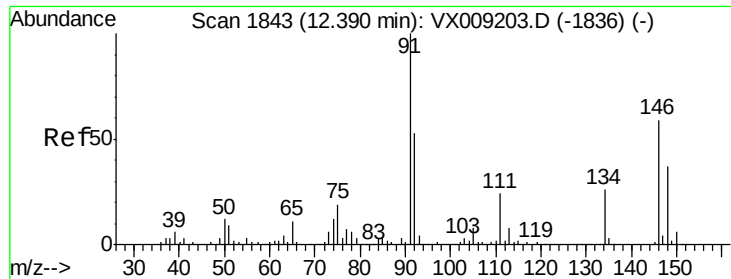
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#90
Hexachloroethane
Concen: 21.292 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	22537		
201	83.9	42.3	126.9	





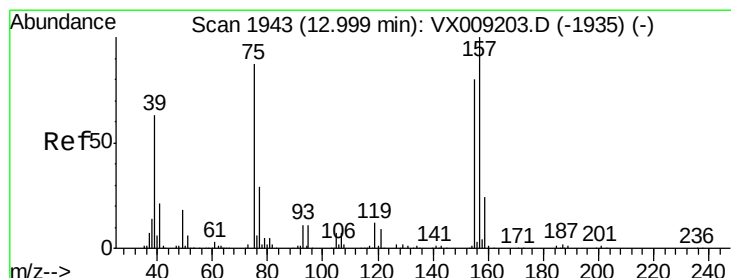
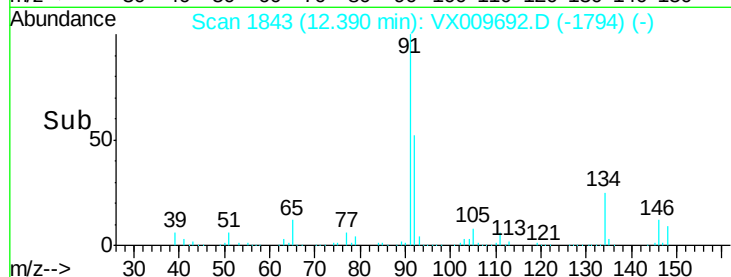
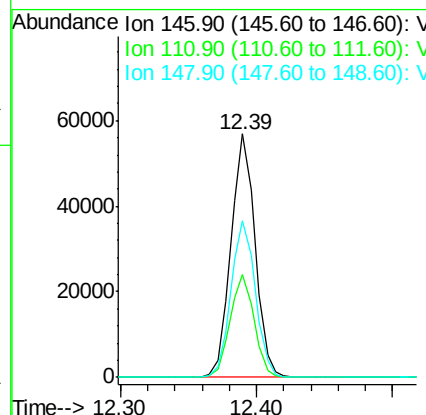
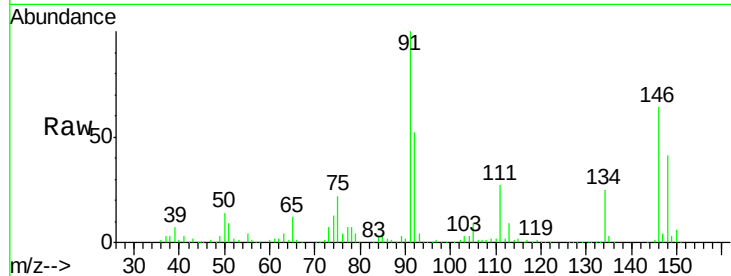
#91
 1,2-Dichlorobenzene
 Concen: 21.741 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.4
148	64.9	31.9	95.9

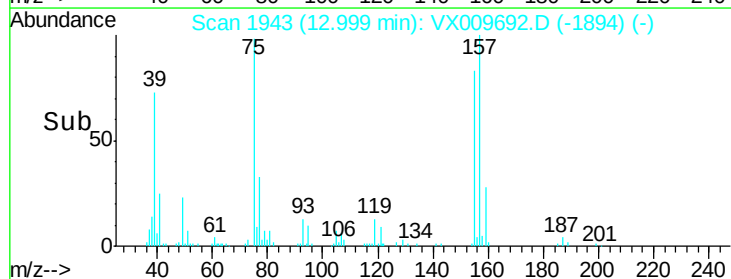
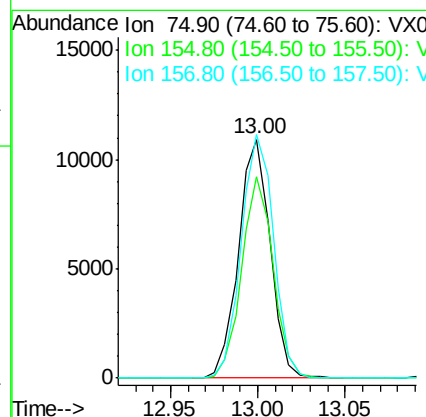
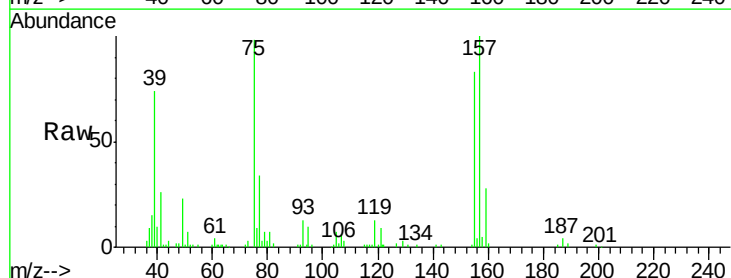
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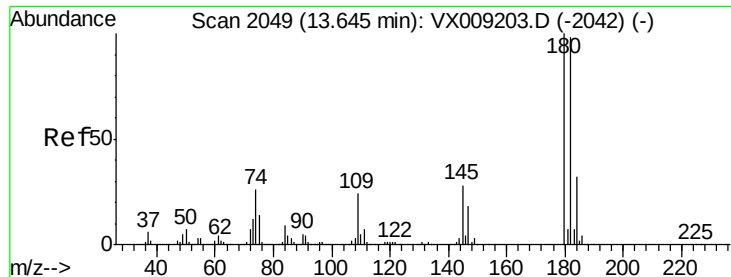
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.071 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.0	126.0
157	104.0	53.2	159.6





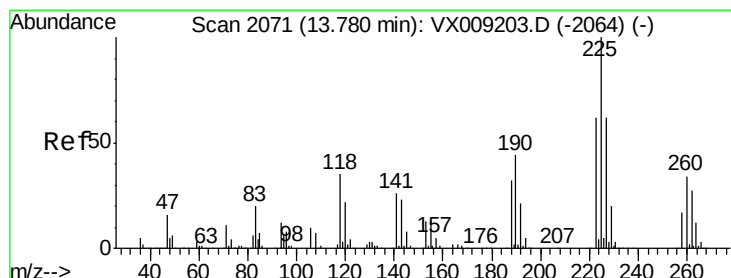
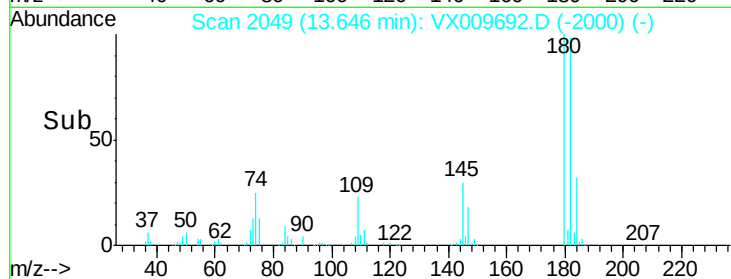
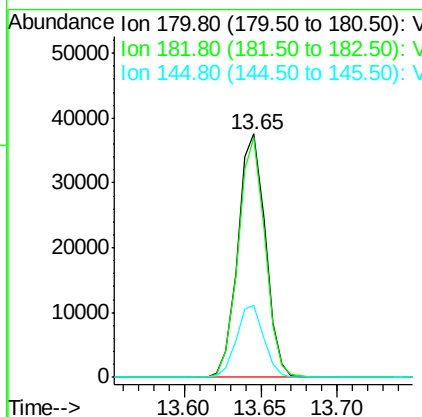
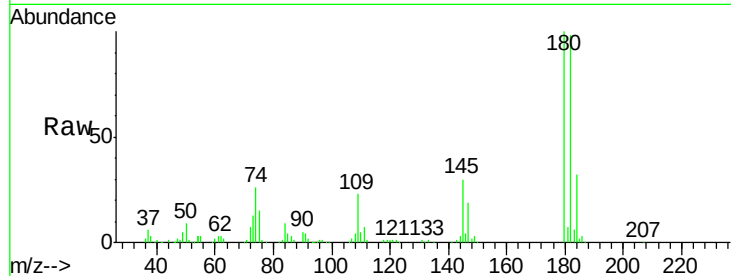
#93
 1,2,4-Trichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBSD04

Tot Ion:	180	Resp:	46638
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.4	145.2
145	29.7	14.6	43.8

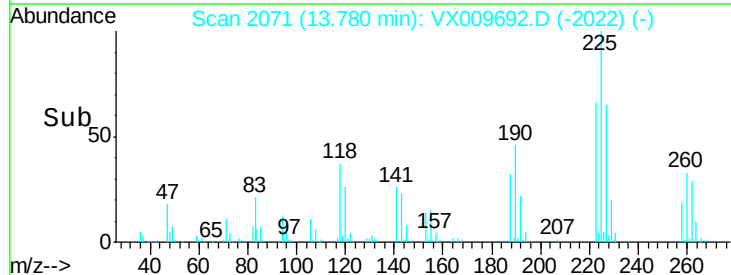
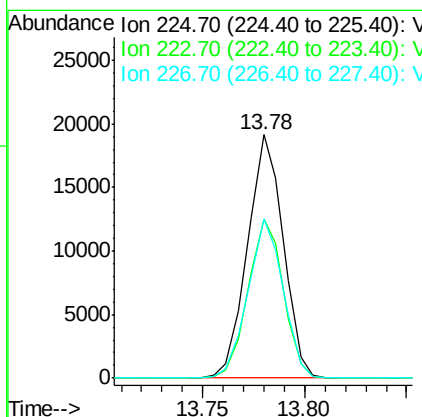
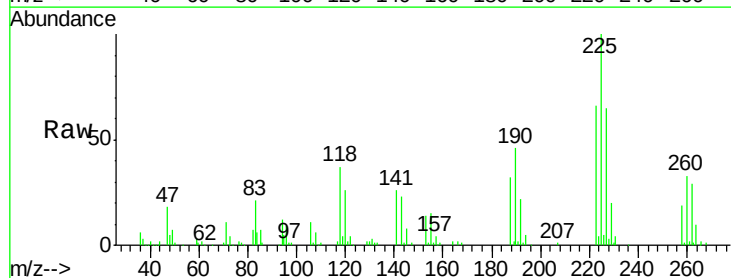
Manual Integrations
 APPROVED

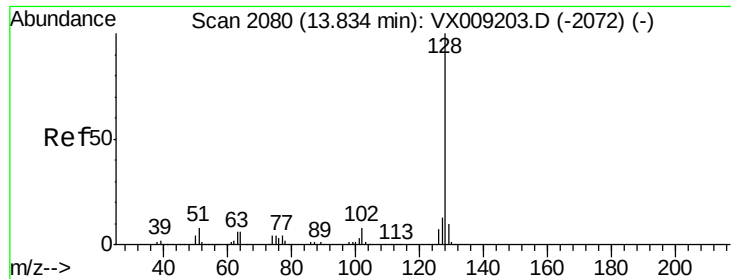
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#94
 Hexachlorobutadiene
 Concen: 20.819 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009692.D
 Acq: 18 May 2019 04:19

Tgt Ion:	225	Resp:	23317
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.3	93.8
227	64.3	31.8	95.3





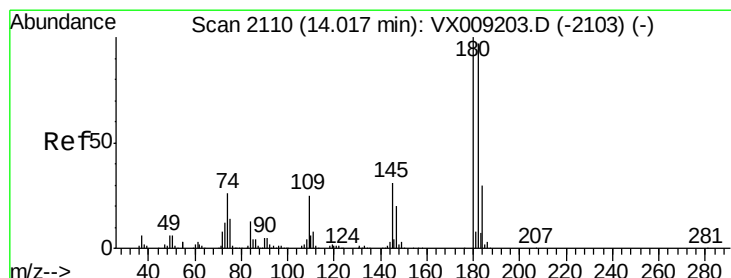
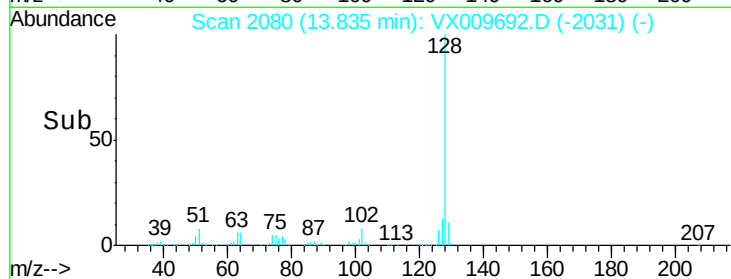
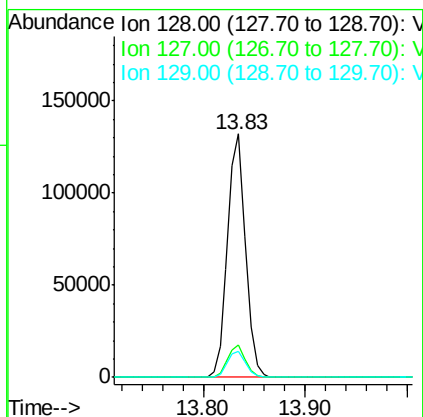
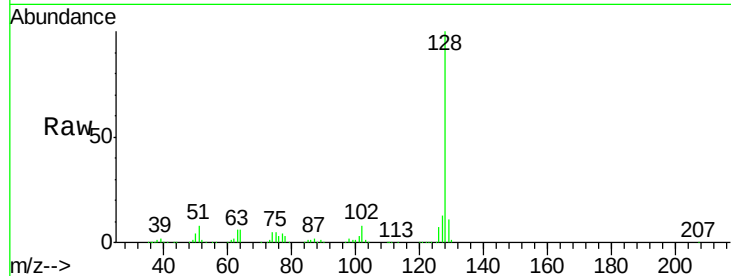
#95
Naphthalene
Concen: 22.549 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Instrument :
MSVOA_X
ClientSampleId :
VX0517WBSD04

Tot Ion	Ratio	Resp	Lower	Upper
128	100	160894		
127	13.1		10.4	15.6
129	11.0		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.907 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009692.D
Acq: 18 May 2019 04:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	48702		
182	97.9		47.8	143.4
145	30.6		15.4	46.4

