

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012925.D
 Acq On : 09 Oct 2019 06:15
 Operator : JC/SP
 Sample : K5190-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 06:48:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124223	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111769	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	5.49	113	87010	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	331799	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	127634	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	89856	51.316	ug/l	95
3) Chloromethane	1.32	50	98778	51.834	ug/l	96
4) Vinyl Chloride	1.40	62	99894	50.787	ug/l	100
5) Bromomethane	1.63	94	33783	41.318	ug/l	95
6) Chloroethane	1.71	64	62257	51.804	ug/l	99
7) Trichlorofluoromethane	1.92	101	137464	51.780	ug/l	99
8) Diethyl Ether	2.18	74	55760	52.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84119	48.959	ug/l	100
10) Methyl Iodide	2.50	142	93718	48.336	ug/l	99
11) Tert butyl alcohol	3.03	59	140196	246.317	ug/l	99
12) 1,1-Dichloroethene	2.36	96	88455	50.955	ug/l	94
13) Acrolein	2.28	56	92227	228.012	ug/l	100
14) Allyl chloride	2.72	41	153614	49.689	ug/l	99
15) Acrylonitrile	3.13	53	282813	262.200	ug/l	99
16) Acetone	2.44	43	248883	219.916	ug/l	99
17) Carbon Disulfide	2.56	76	235294	47.535	ug/l	99
18) Methyl Acetate	2.76	43	122019	45.487	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319902	53.363	ug/l	98
20) Methylene Chloride	2.85	84	102332	49.201	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	96421	51.822	ug/l	99
22) Diisopropyl ether	3.84	45	315555	53.268	ug/l	95
23) Vinyl Acetate	3.80	43	1222592	239.071	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176775	53.044	ug/l	99
25) 2-Butanone	4.66	43	387815	247.000	ug/l	99
26) 2,2-Dichloropropane	4.57	77	97285	34.714	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	110605	51.571	ug/l	97
28) Bromochloromethane	5.01	49	54123	54.382	ug/l	100
29) Tetrahydrofuran	5.11	42	255306	264.240	ug/l	99
30) Chloroform	5.20	83	176809	51.705	ug/l	98
31) Cyclohexane	5.57	56	155398	49.867	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	155381	53.628	ug/l	98
36) 1,1-Dichloropropene	5.79	75	132483	50.296	ug/l	100
37) Ethyl Acetate	4.82	43	137481	46.677	ug/l	99
38) Carbon Tetrachloride	5.78	117	129930	50.678	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153714	48.120	ug/l	98
40) Benzene	6.13	78	402481	51.735	ug/l	98
41) Methacrylonitrile	5.03	41	82139	50.752	ug/l	99
42) 1,2-Dichloroethane	6.18	62	143235	51.309	ug/l	100
43) Isopropyl Acetate	6.43	43	227239	48.068	ug/l	100
44) Trichloroethene	7.20	130	103009	47.748	ug/l	93
45) 1,2-Dichloropropane	7.51	63	102067	51.476	ug/l	96
46) Dibromomethane	7.65	93	67569	51.148	ug/l	99
47) Bromodichloromethane	7.89	83	134341	52.109	ug/l	98
48) Methyl methacrylate	7.76	41	116234	50.455	ug/l	99
49) 1,4-Dioxane	7.73	88	59418	962.481	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	757780	257.097	ug/l	100
52) Toluene	8.78	92	254436	51.121	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138453	43.336	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153666	48.463	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	100908	51.231	ug/l	99
56) Ethyl methacrylate	9.17	69	166089	47.197	ug/l	99
57) 1,3-Dichloropropane	9.37	76	174832	51.313	ug/l	99
59) 2-Hexanone	9.49	43	582427	253.847	ug/l	100
60) Dibromochloromethane	9.58	129	103223	47.201	ug/l	98
61) 1,2-Dibromoethane	9.67	107	107082	51.681	ug/l	98
64) Tetrachloroethene	9.33	164	94001	50.217	ug/l	98
65) Chlorobenzene	10.14	112	264955	49.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96513	51.938	ug/l	100
67) Ethyl Benzene	10.25	91	484581	50.902	ug/l	100
68) m/p-Xylenes	10.35	106	363419	102.185	ug/l	100
69) o-Xylene	10.70	106	175383	50.569	ug/l	100
70) Stvrene	10.71	104	303088	51.406	ug/l	100
71) Bromoform	10.85	173	69670	44.386	ug/l #	100
73) Isopropylbenzene	11.01	105	470631	51.530	ug/l	100
74) N-amyl acetate	10.89	43	186216	47.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155348	51.140	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	175282	63.617	ug/l	78
77) Bromobenzene	11.25	156	108445	50.388	ug/l	97
78) n-propylbenzene	11.35	91	517350	51.479	ug/l	99
79) 2-Chlorotoluene	11.42	91	317901	50.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	399237	52.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43216	41.123	ug/l	97
82) 4-Chlorotoluene	11.51	91	372314	51.429	ug/l	99
83) tert-Butylbenzene	11.76	119	380798	51.188	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	401314	51.960	ug/l	99
85) sec-Butylbenzene	11.94	105	443223	51.426	ug/l	99
86) p-Isopropyltoluene	12.06	119	401961	50.287	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	195518	48.921	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	194400	48.028	ug/l	100
89) n-Butylbenzene	12.39	91	335197	49.895	ug/l	100
90) Hexachloroethane	12.59	117	68655	46.527	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	198477	50.656	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36666	51.499	ug/l	100
93) 1,2,4-Trichlorobenzene	13.64	180	119293	48.603	ug/l	100

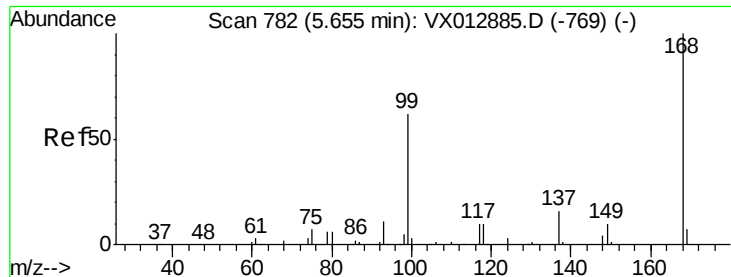
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53154	46.926	ug/l	99
95) Naphthalene	13.83	128	431471	50.712	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	122518	48.304	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

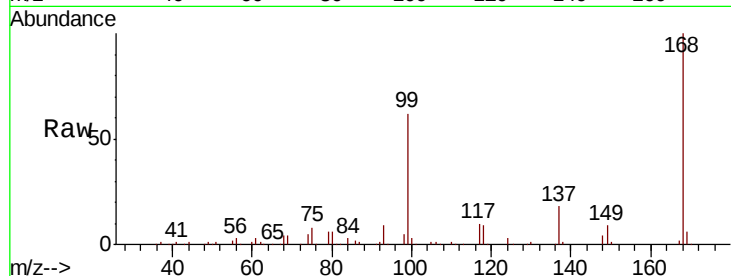
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 171783

Ion Ratio Lower Upper

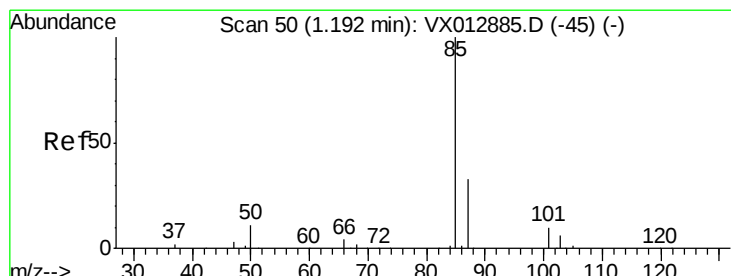
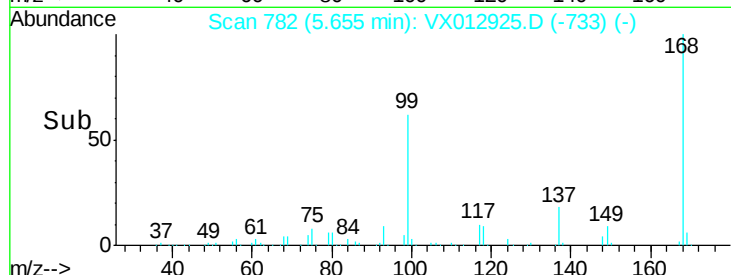
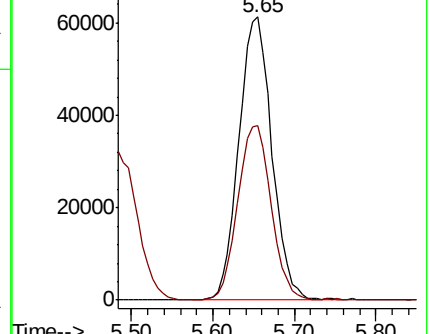
168 100

99 61.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.316 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012925.D

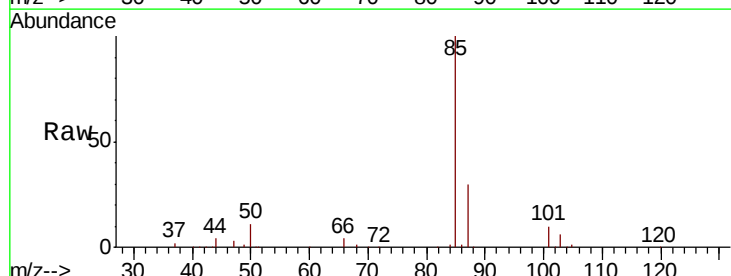
Acq: 09 Oct 2019 06:15

Tgt Ion: 85 Resp: 89856

Ion Ratio Lower Upper

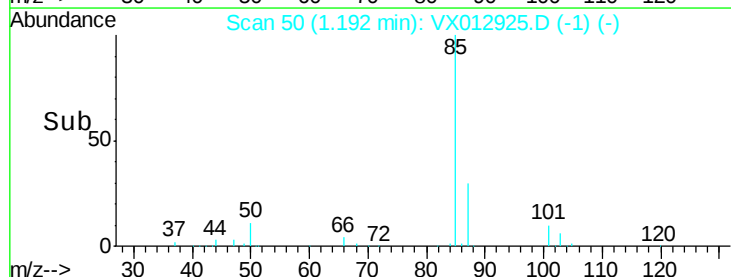
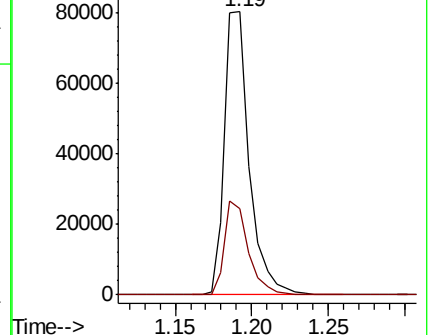
85 100

87 30.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.834 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

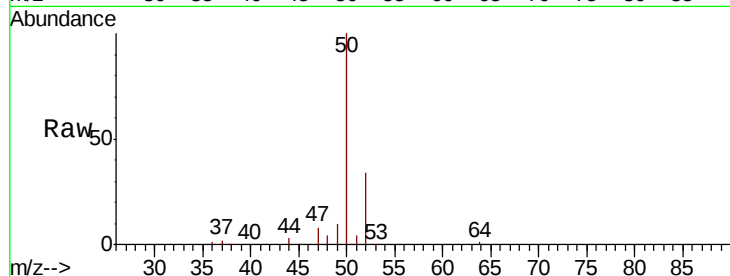
ClientSampled :

Tot Ion: 50 Resp: 98778

Ion Ratio Lower Upper

50 100

52 33.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

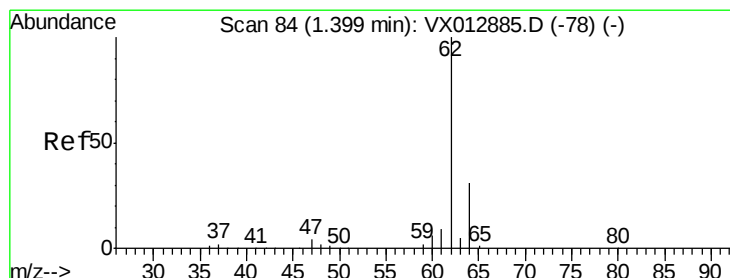
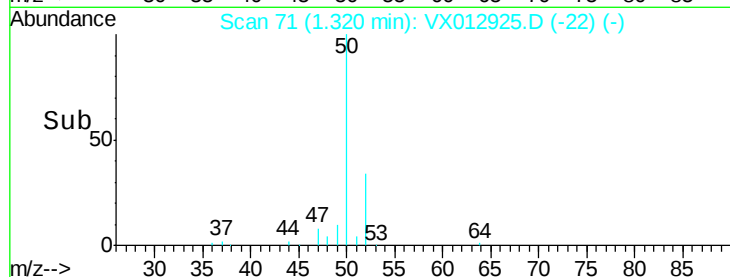
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 50.787 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012925.D

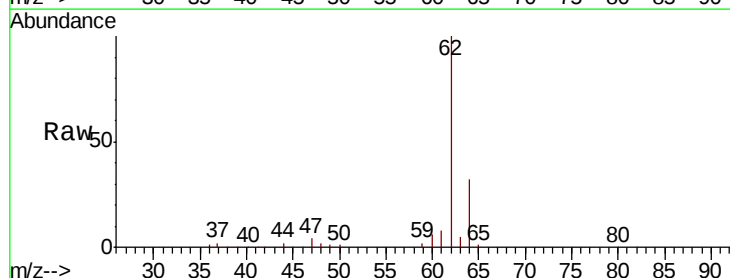
Acq: 09 Oct 2019 06:15

Tgt Ion: 62 Resp: 99894

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

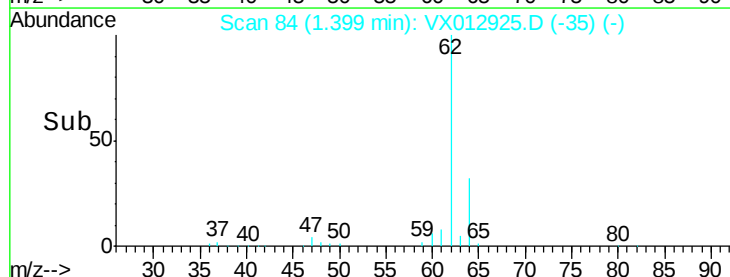
60000

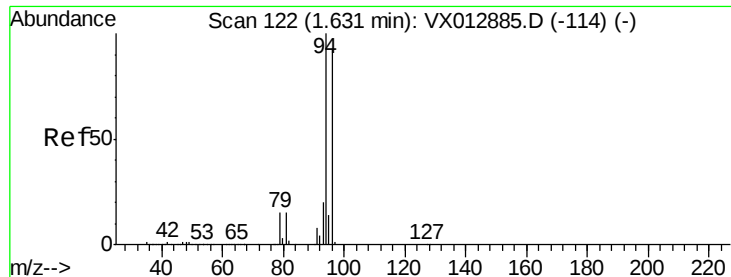
40000

20000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#5

Bromomethane

Concen: 41.318 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

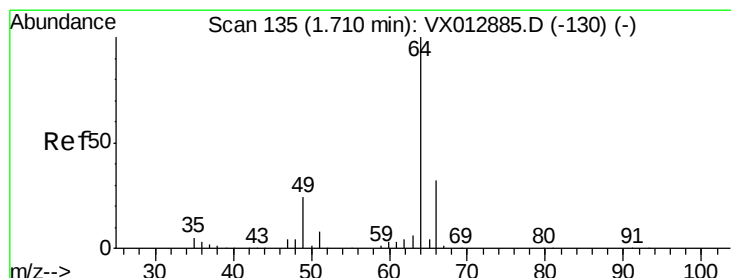
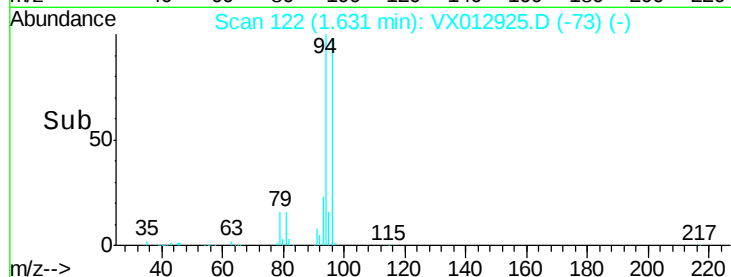
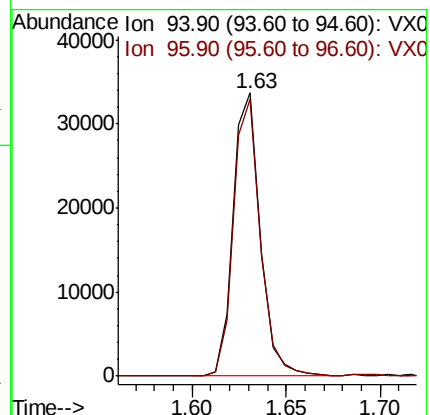
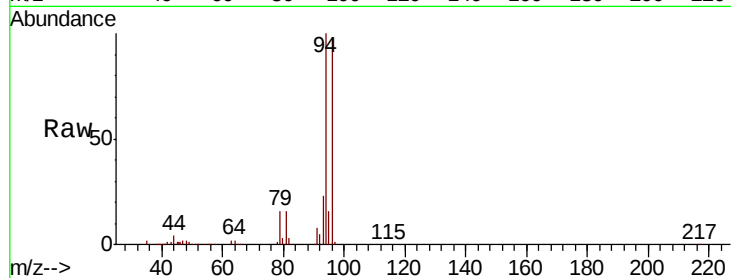
ClientSampleId :

Tot Ion: 94 Resp: 33783

Ion Ratio Lower Upper

94 100

96 98.0 74.7 112.1



#6

Chloroethane

Concen: 51.804 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012925.D

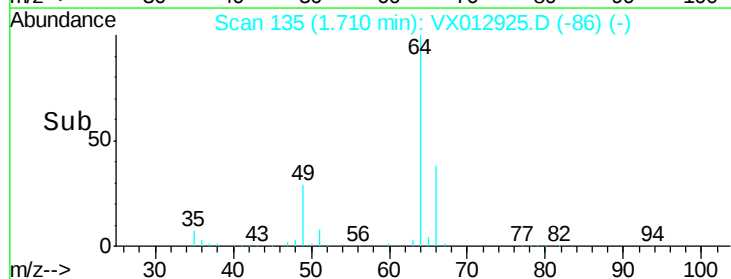
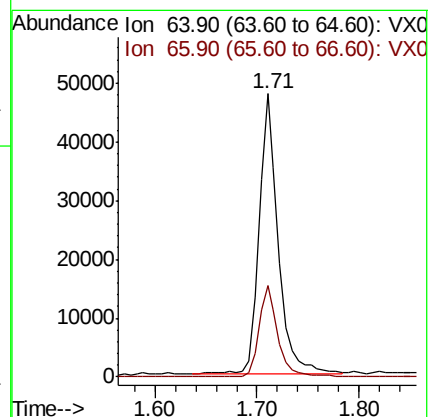
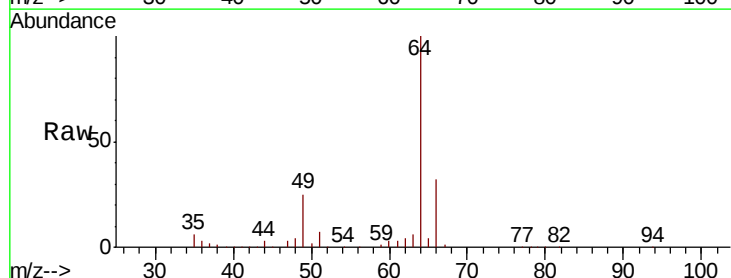
Acq: 09 Oct 2019 06:15

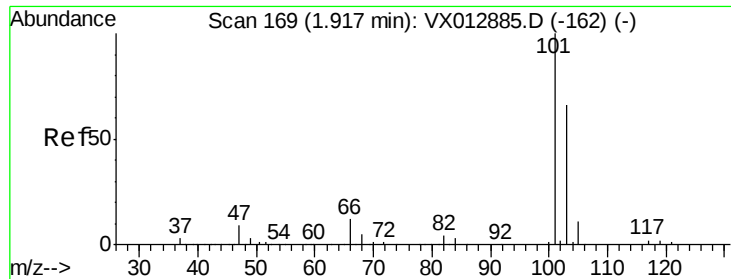
Tgt Ion: 64 Resp: 62257

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4



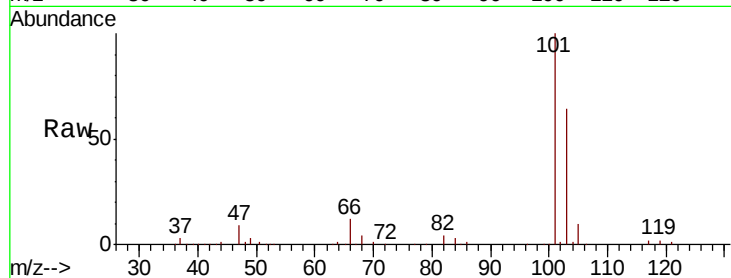


#7

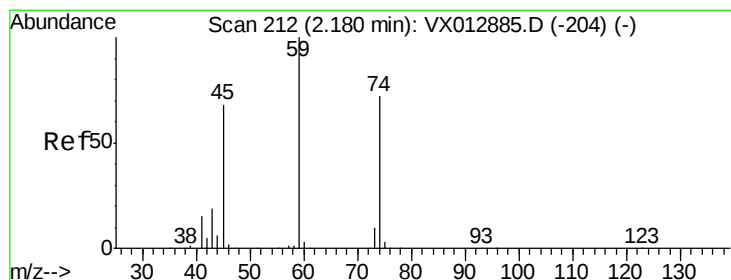
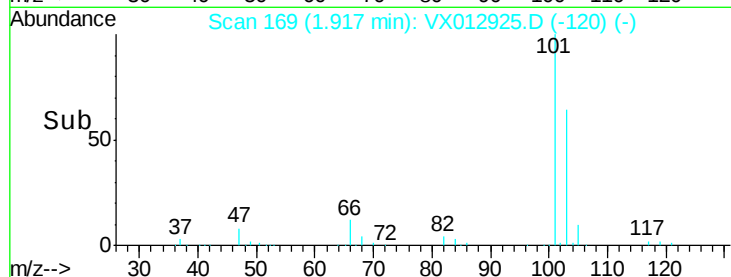
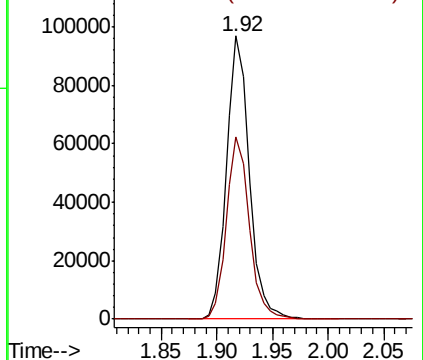
Trichlorofluoromethane
Concen: 51.780 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 137464
Ion Ratio Lower Upper
101 100
103 64.5 52.5 78.7



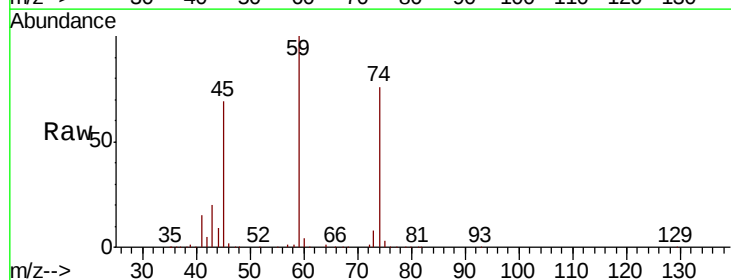
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



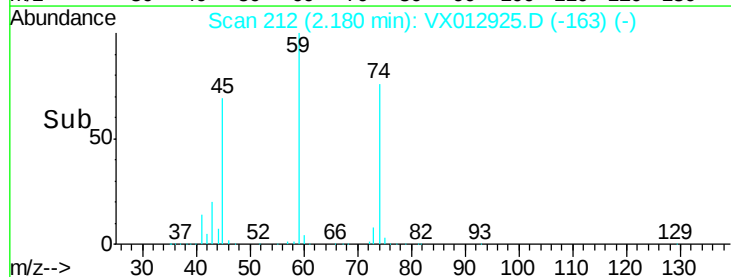
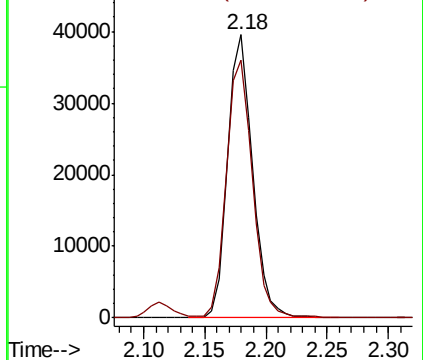
#8

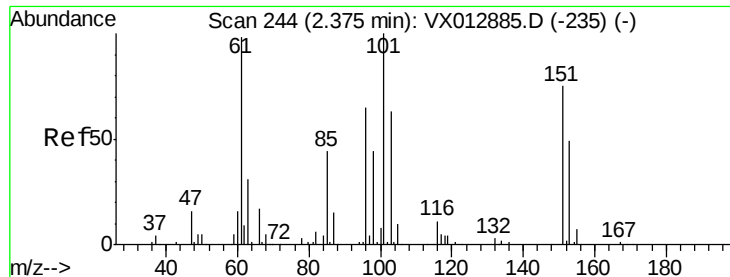
Diethyl Ether
Concen: 52.036 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 74 Resp: 55760
Ion Ratio Lower Upper
74 100
45 95.2 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.959 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

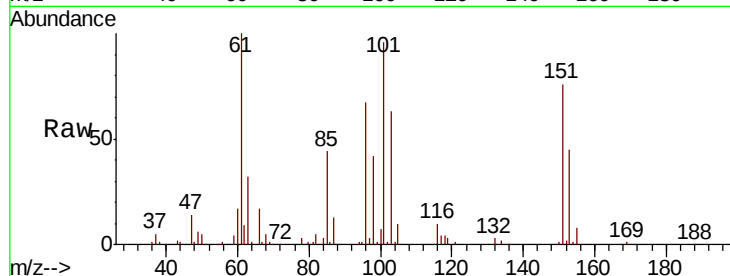
Tot Ion:101 Resp: 84119

Ion Ratio Lower Upper

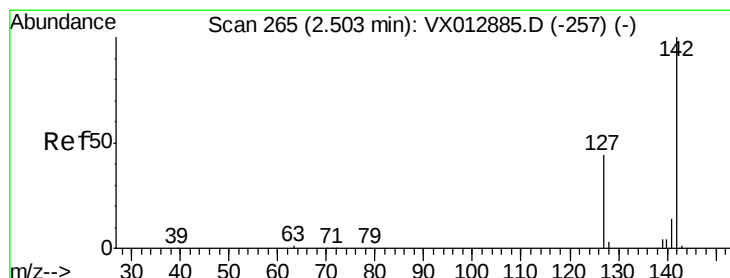
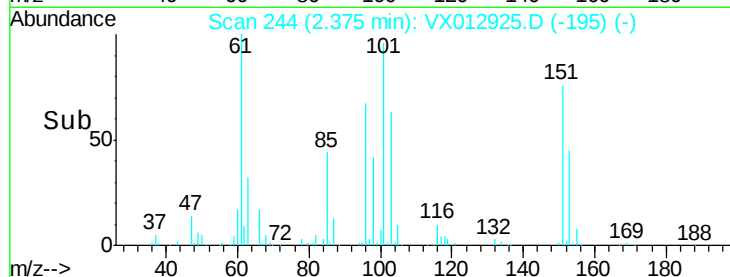
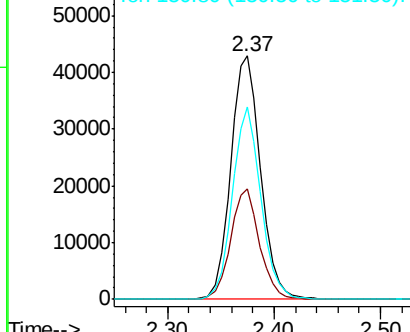
101 100

85 44.0 35.2 52.8

151 75.5 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.336 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

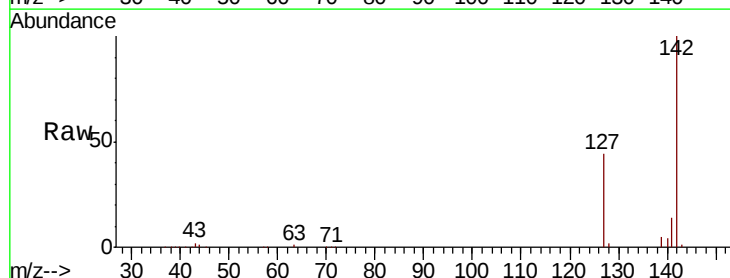
Tgt Ion:142 Resp: 93718

Ion Ratio Lower Upper

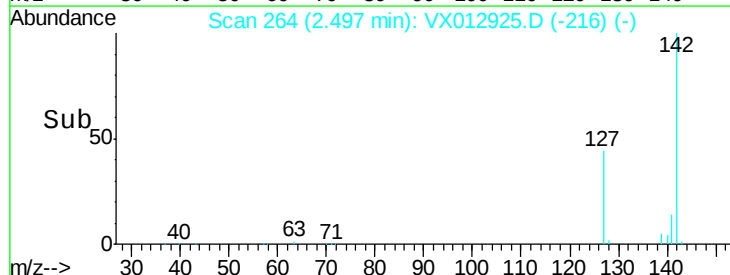
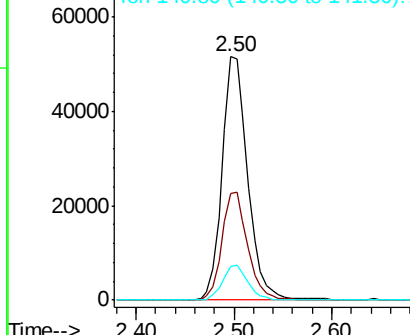
142 100

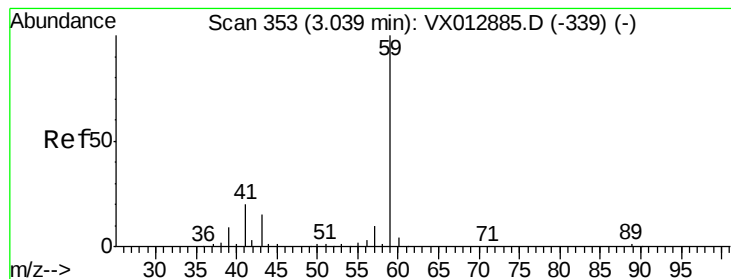
127 44.3 34.9 52.3

141 14.2 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



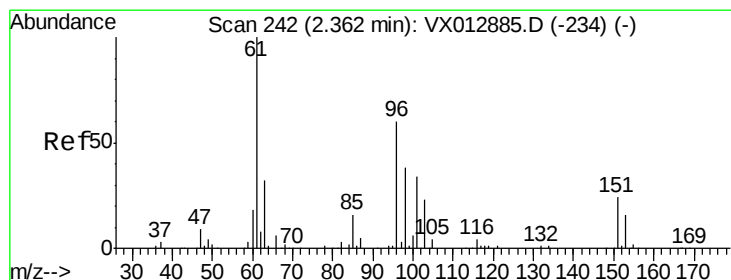
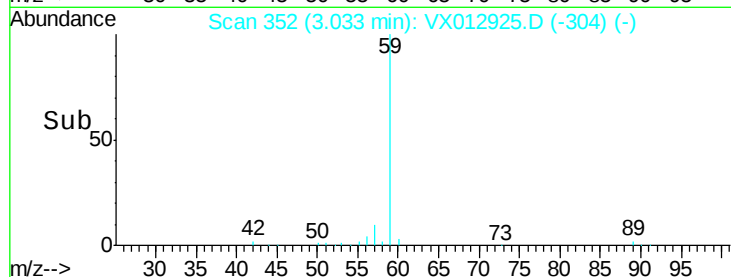
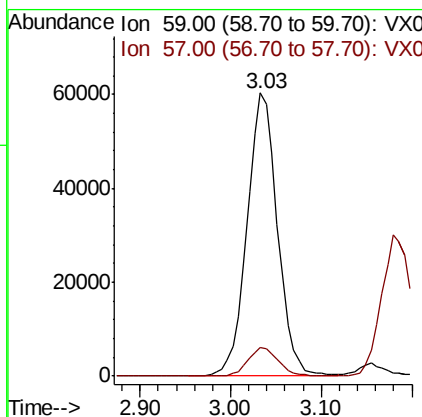
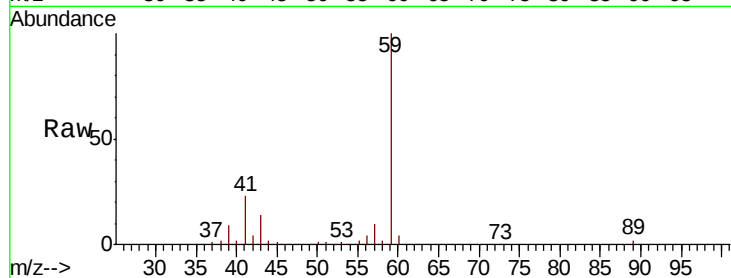


#11

Tert butyl alcohol
 Concen: 246.317 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :

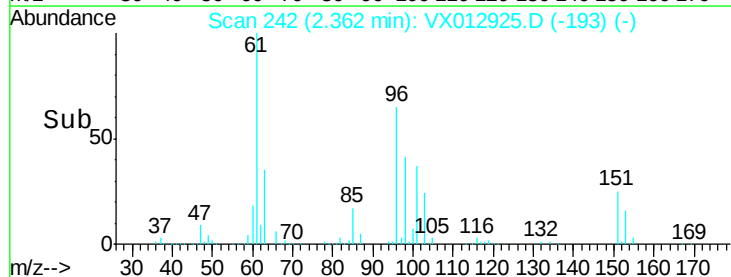
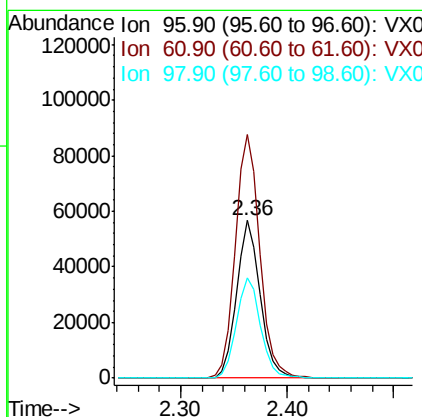
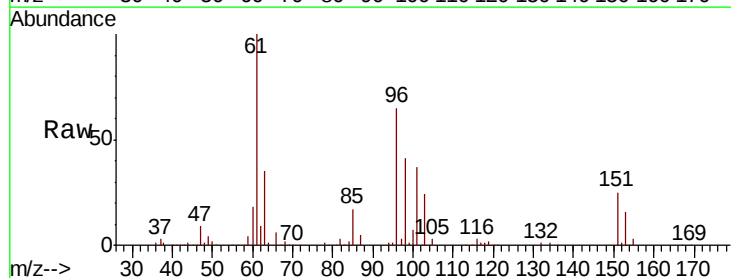
Tot Ion: 59 Resp: 140196
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5

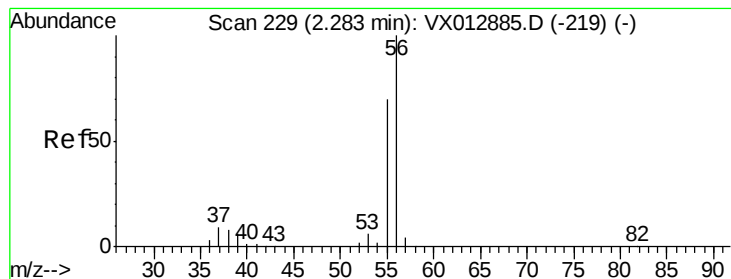


#12

1,1-Dichloroethene
 Concen: 50.955 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 96 Resp: 88455
 Ion Ratio Lower Upper
 96 100
 61 154.5 132.2 198.4
 98 63.3 50.5 75.7





#13

Acrolein

Concen: 228.012 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

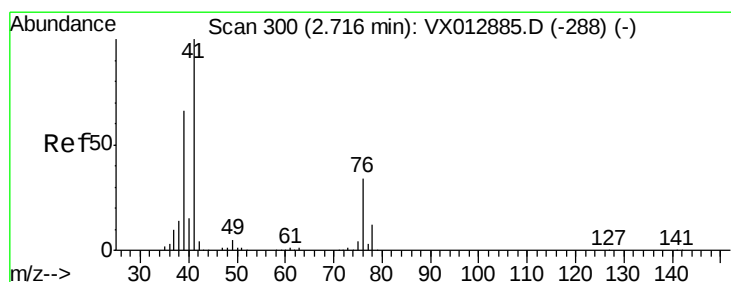
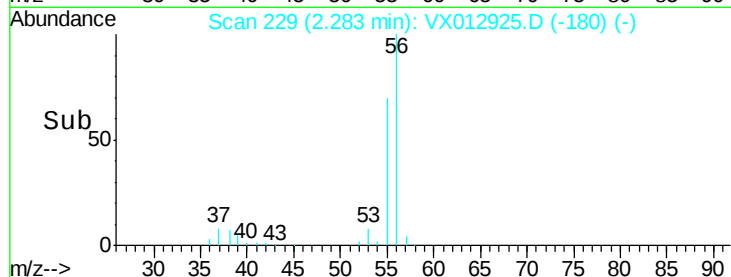
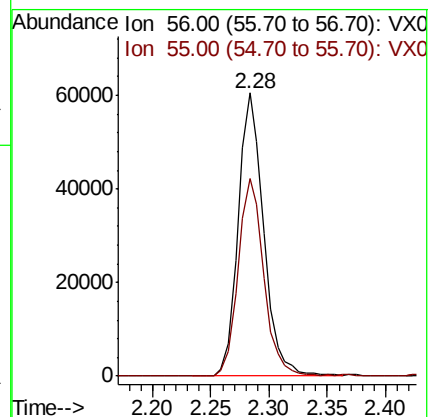
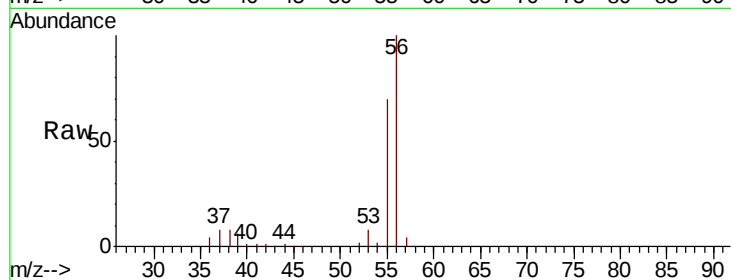
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 92227

Ion Ratio Lower Upper

56 100

55 70.7 56.6 85.0



#14

Allyl chloride

Concen: 49.689 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

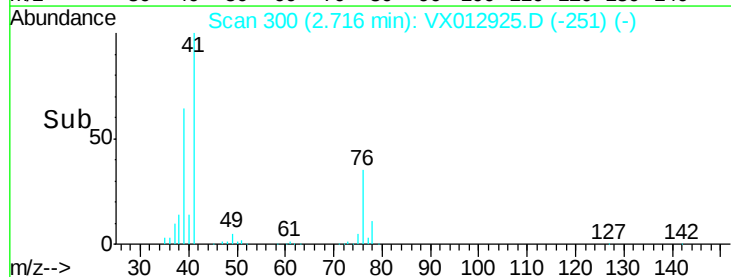
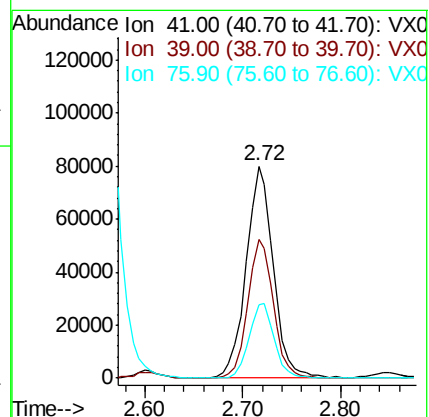
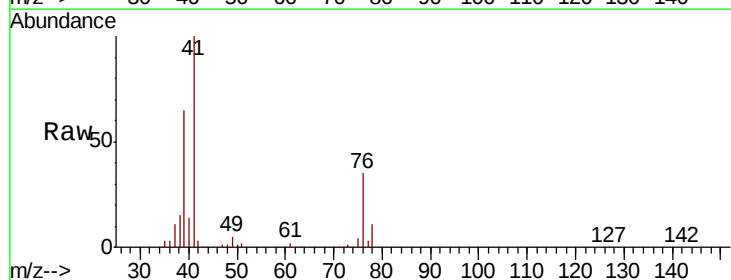
Tgt Ion: 41 Resp: 153614

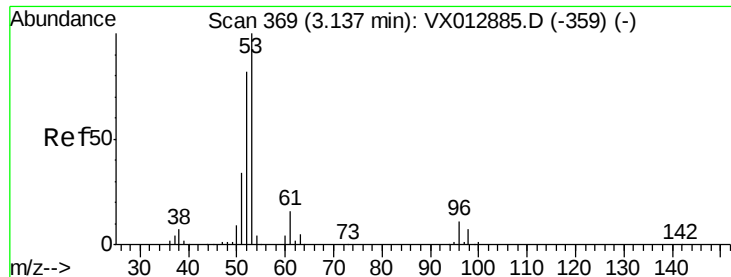
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.6

76 32.7 26.2 39.4



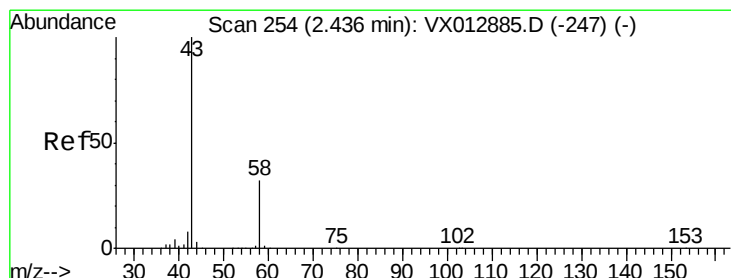
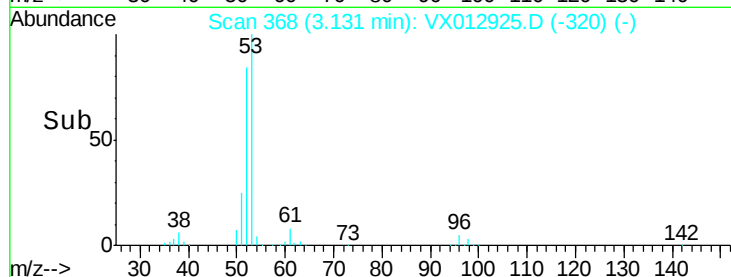
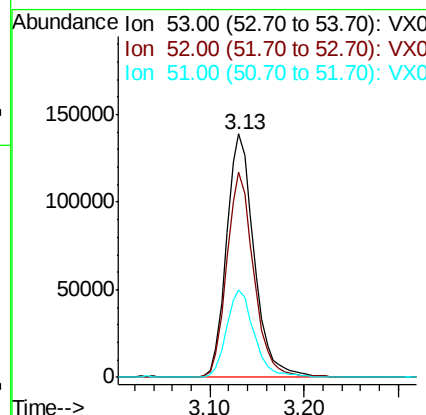
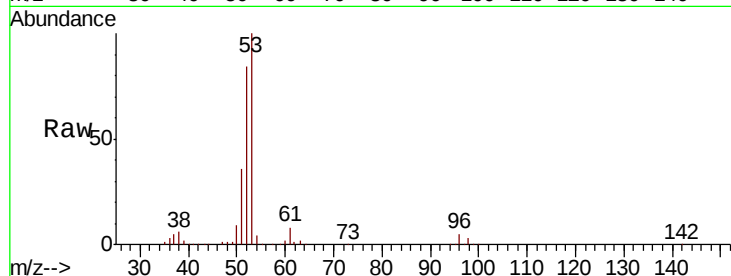


#15
 Acrylonitrile
 Concen: 262.200 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 282813

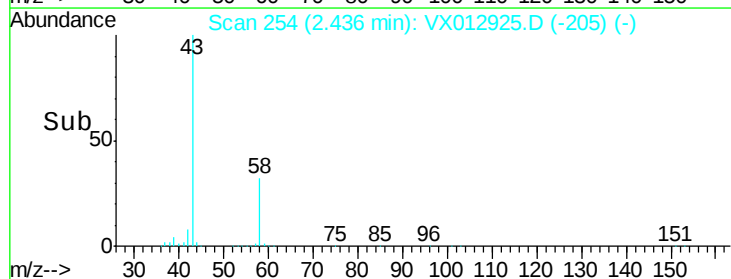
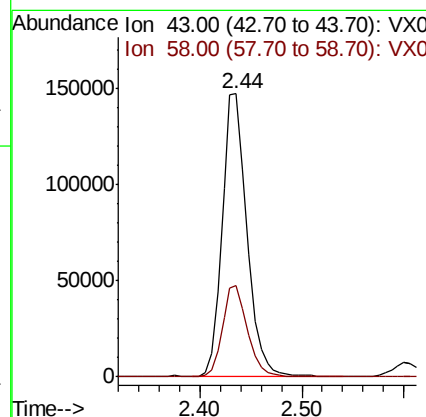
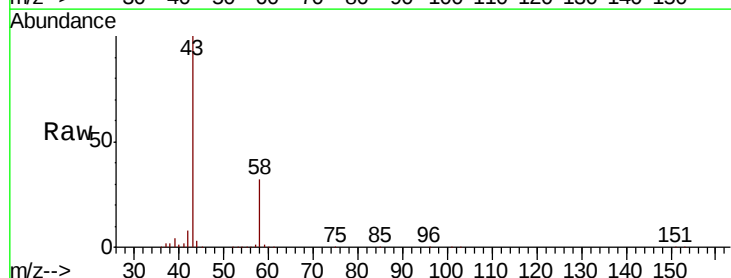
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	36.4	28.2	42.4

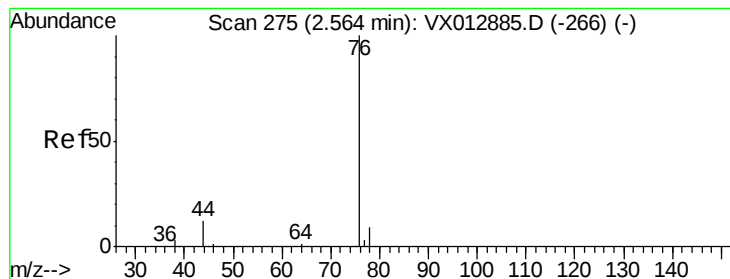


#16
 Acetone
 Concen: 219.916 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 43 Resp: 248883

Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.4	38.2





#17

Carbon Disulfide

Concen: 47.535 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

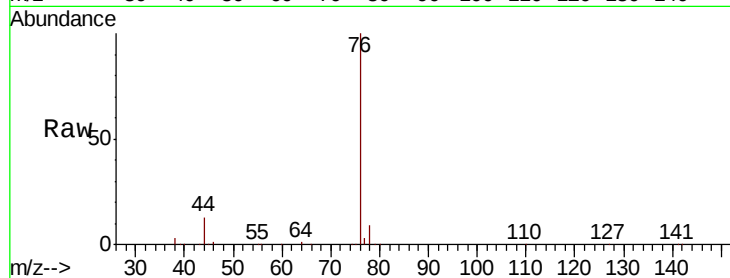
ClientSampled :

Tot Ion: 76 Resp: 235294

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

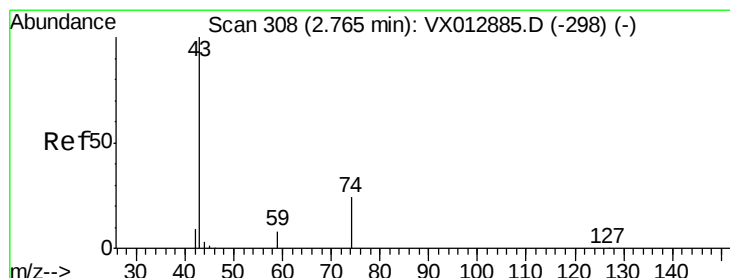
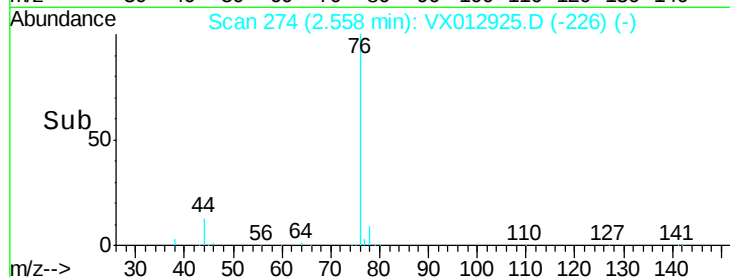
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 45.487 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012925.D

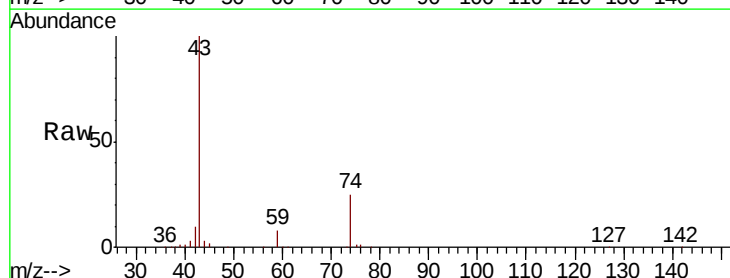
Acq: 09 Oct 2019 06:15

Tgt Ion: 43 Resp: 122019

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

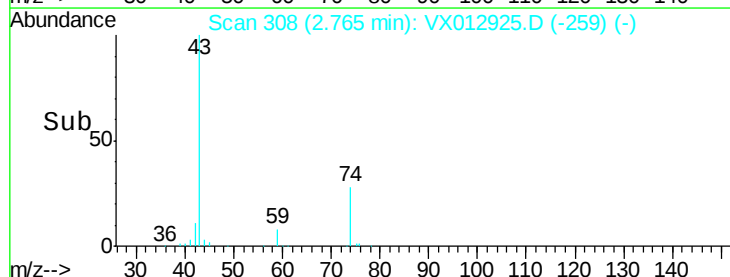
40000

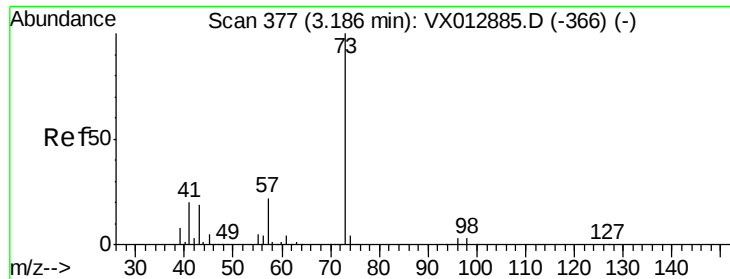
20000

0

Time-->

2.70 2.80 2.90

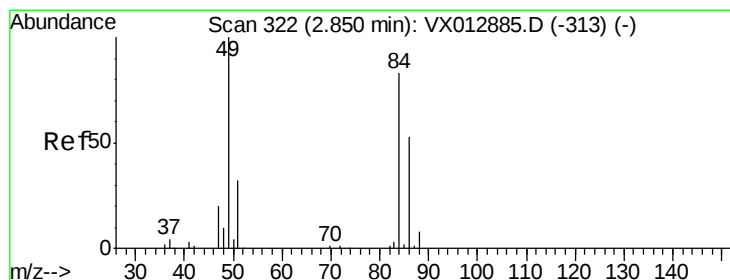
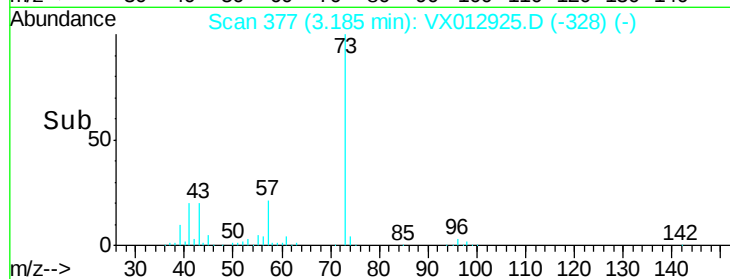
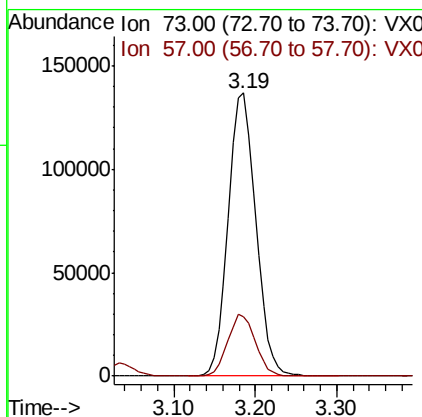
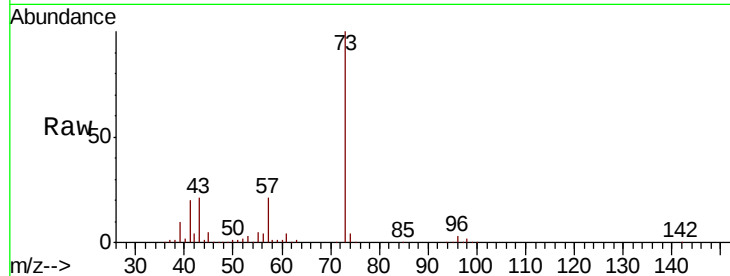




#19
Methyl tert-butyl Ether
Concen: 53.363 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

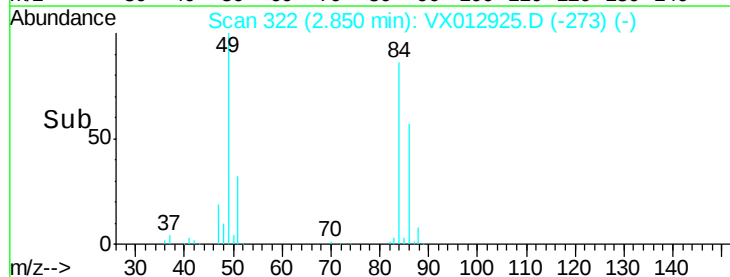
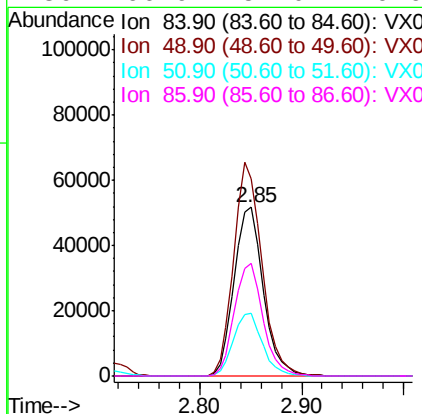
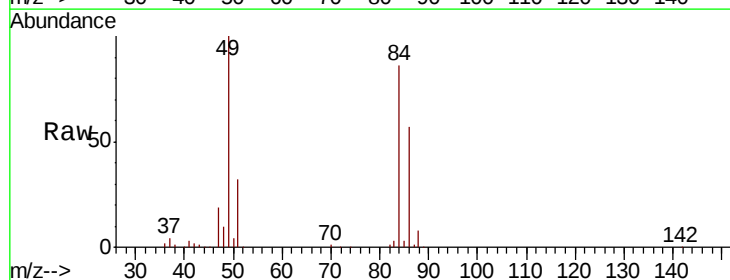
Instrument :
MSVOA_X
ClientSampleId :

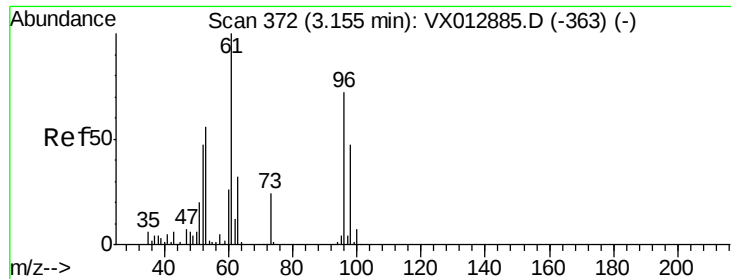
Tot Ion: 73 Resp: 319902
Ion Ratio Lower Upper
73 100
57 21.0 17.8 26.6



#20
Methylene Chloride
Concen: 49.201 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 84 Resp: 102332
Ion Ratio Lower Upper
84 100
49 116.6 96.6 144.8
51 37.0 30.7 46.1
86 66.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.822 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampled :

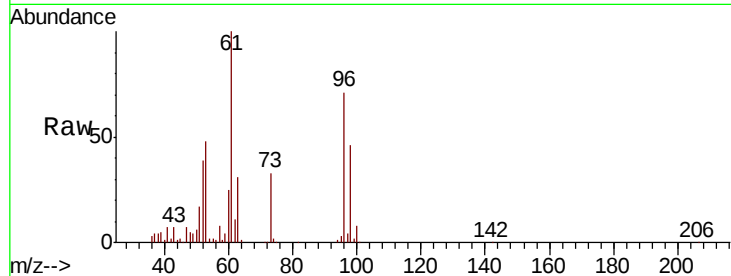
Tot Ion: 96 Resp: 96421

Ion Ratio Lower Upper

96 100

61 140.2 110.4 165.6

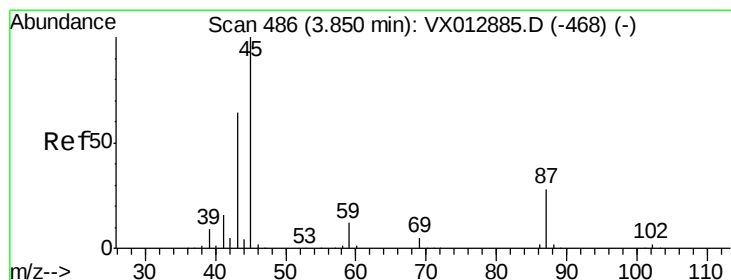
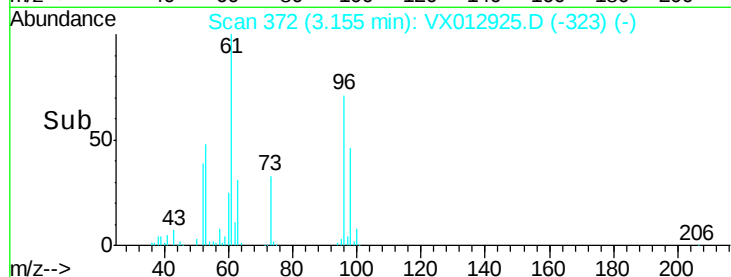
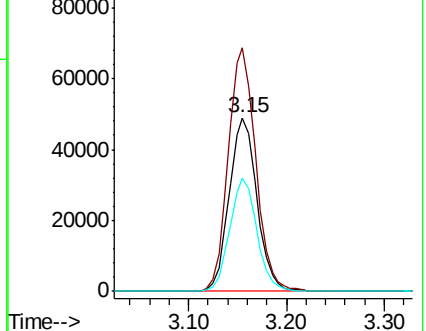
98 65.0 51.5 77.3



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: 53.268 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion: 45 Resp: 315555

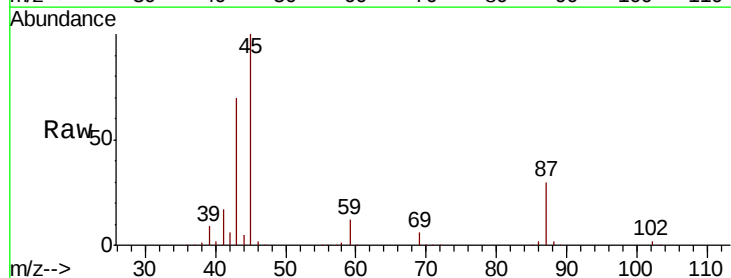
Ion Ratio Lower Upper

45 100

43 70.1 51.4 77.0

87 29.7 22.5 33.7

59 12.1 9.7 14.5

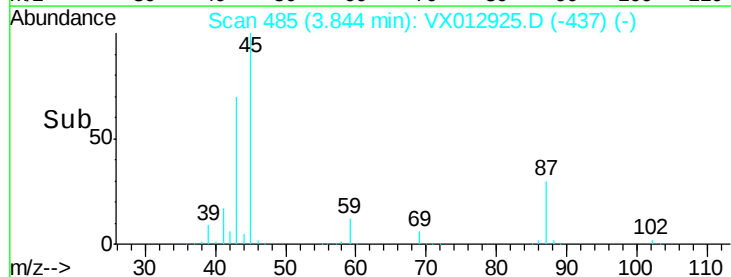
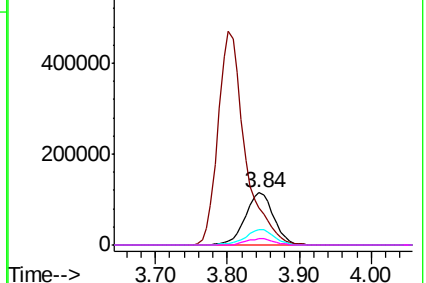


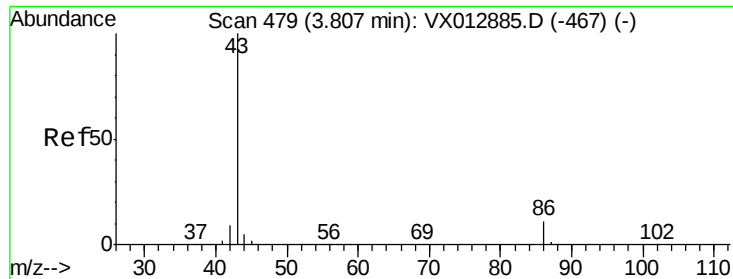
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 239.071 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

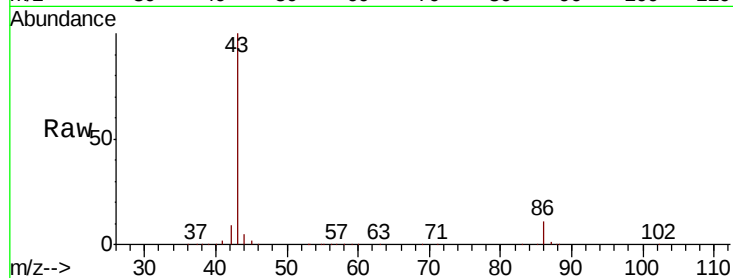
ClientSampled :

Tot Ion: 43 Resp: 1222592

Ion Ratio Lower Upper

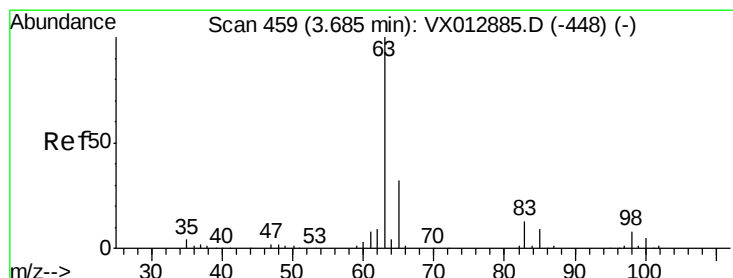
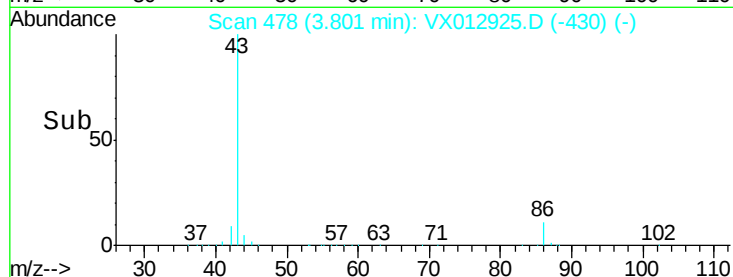
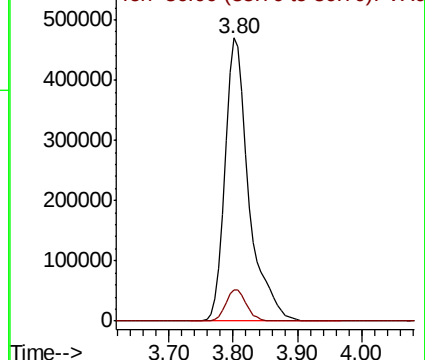
43 100

86 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.044 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

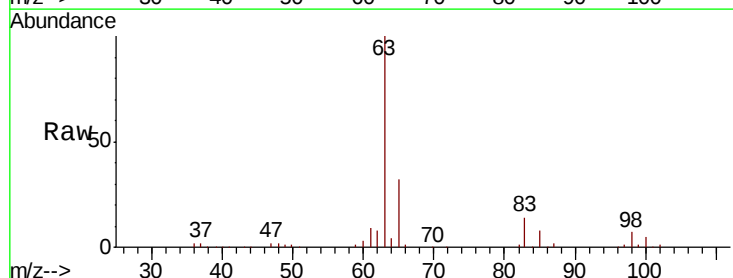
Tgt Ion: 63 Resp: 176775

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

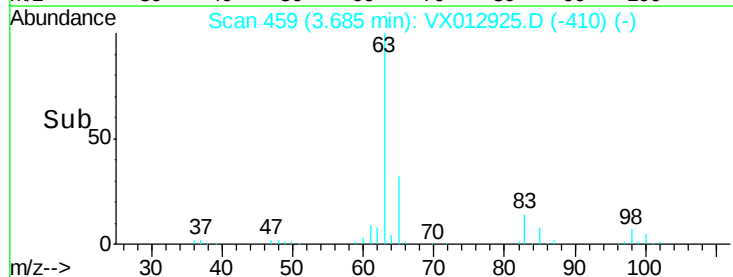
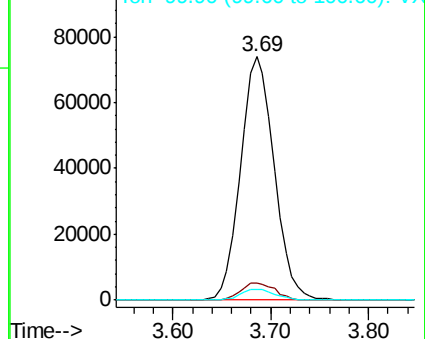
100 4.5 2.3 6.9

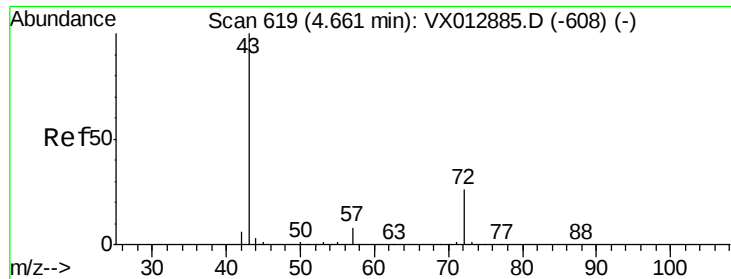


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.000 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

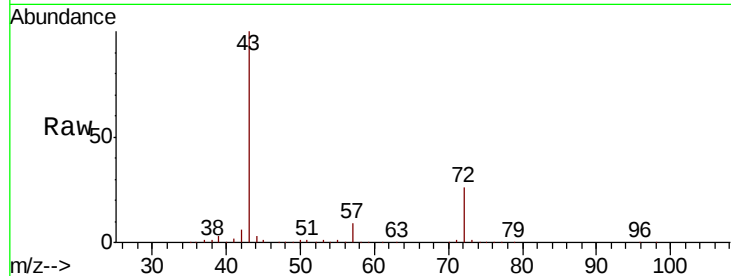
ClientSampleId :

Tot Ion: 43 Resp: 387815

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

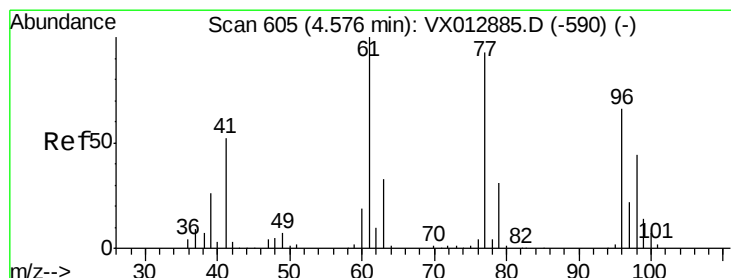
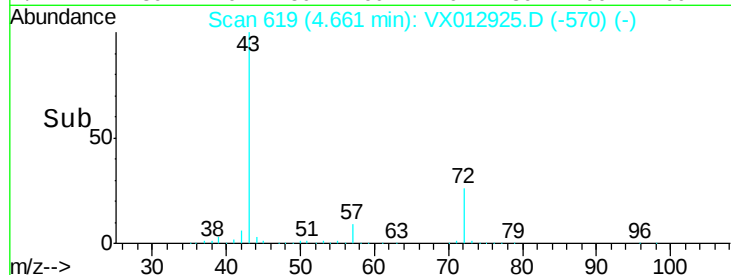
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.714 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012925.D

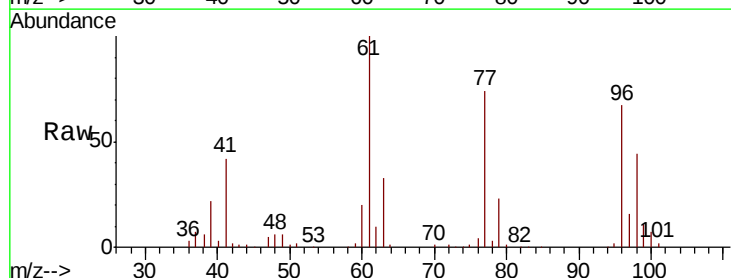
Acq: 09 Oct 2019 06:15

Tgt Ion: 77 Resp: 97285

Ion Ratio Lower Upper

77 100

97 24.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

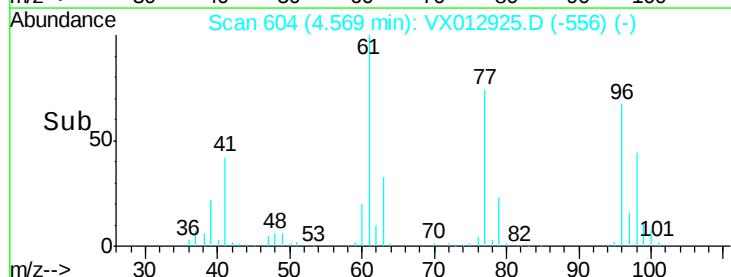
20000

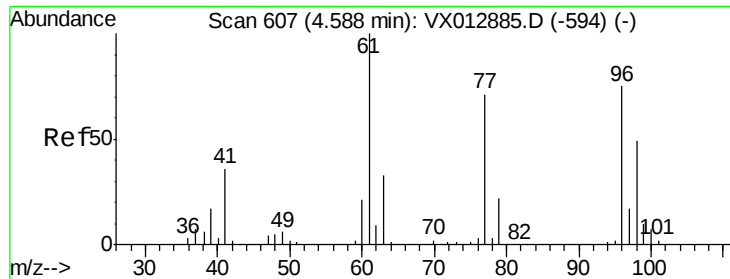
10000

0

4.50 4.60 4.70

Time-->



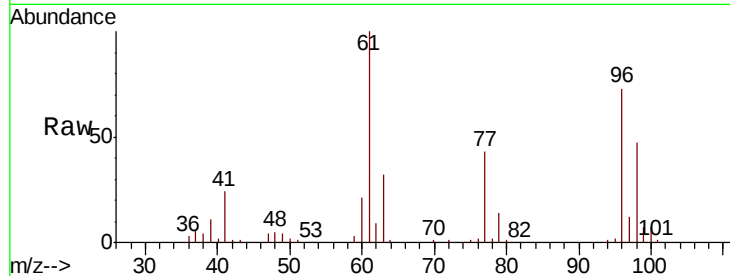


#27

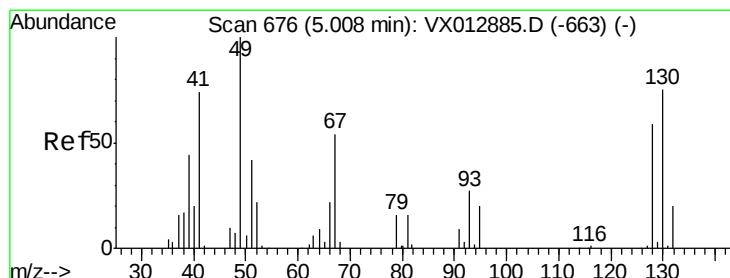
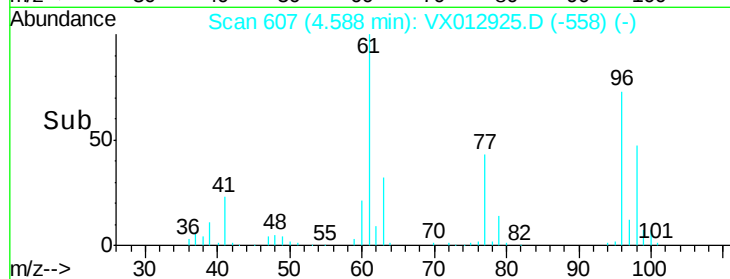
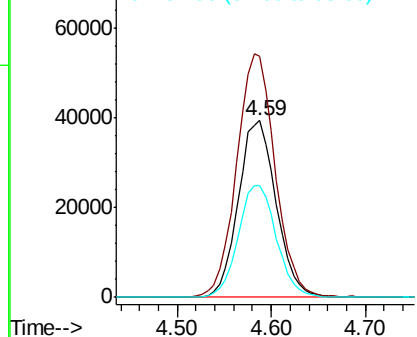
cis-1,2-Dichloroethene
Concen: 51.571 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	290.6
98	64.2	0.0	128.8



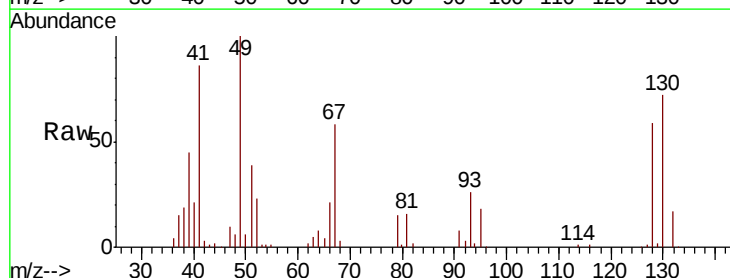
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



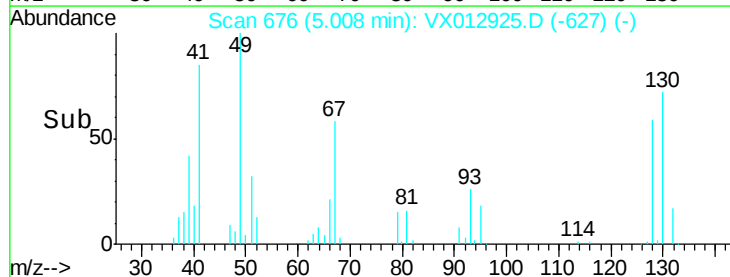
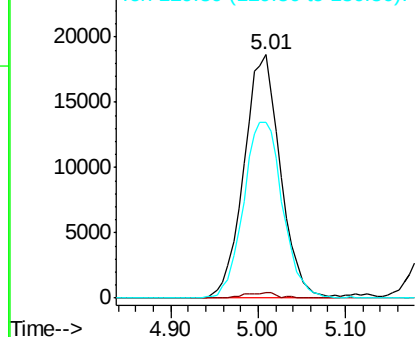
#28

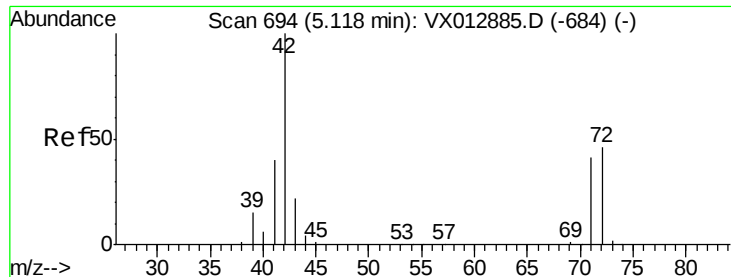
Bromochloromethane
Concen: 54.382 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	77.2	62.1	93.1



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

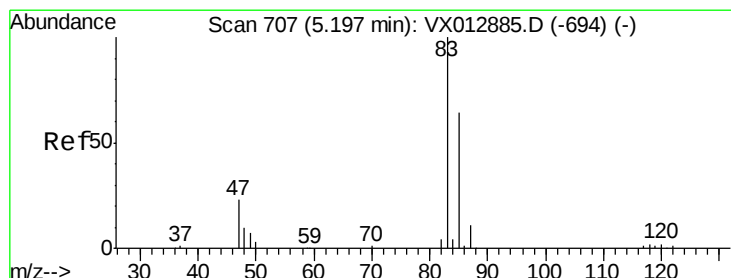
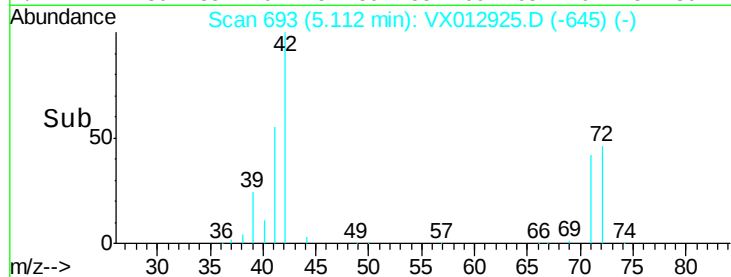
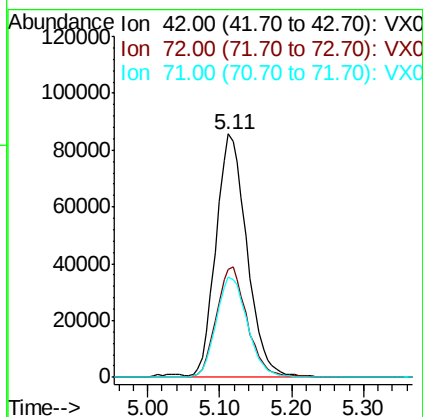
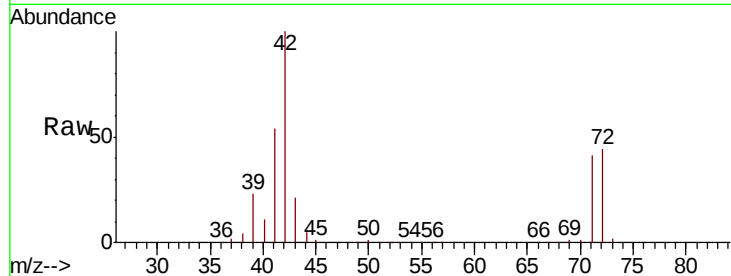




#29
Tetrahydrofuran
Concen: 264.240 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

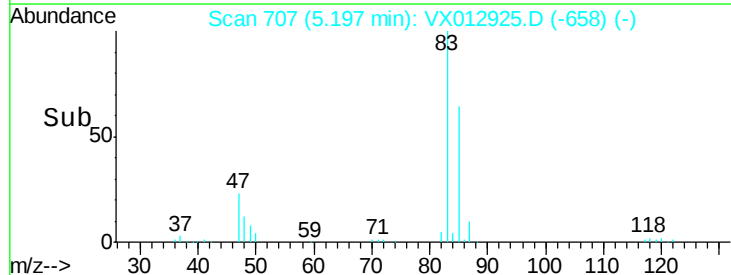
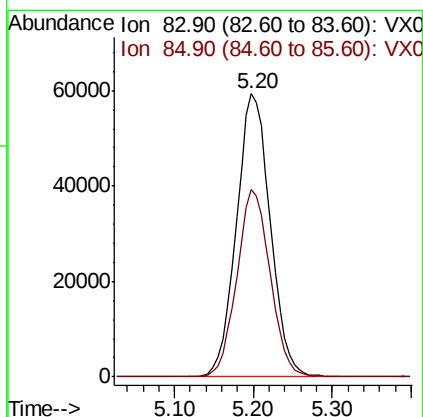
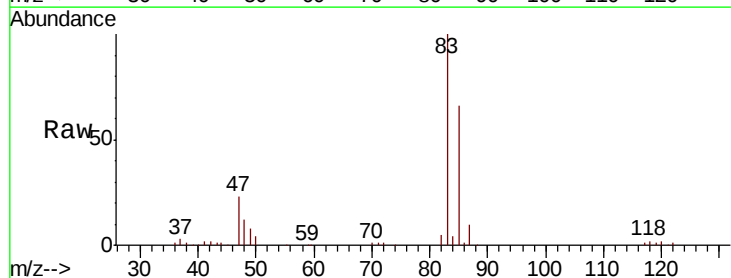
Instrument :
MSVOA_X
ClientSampled :

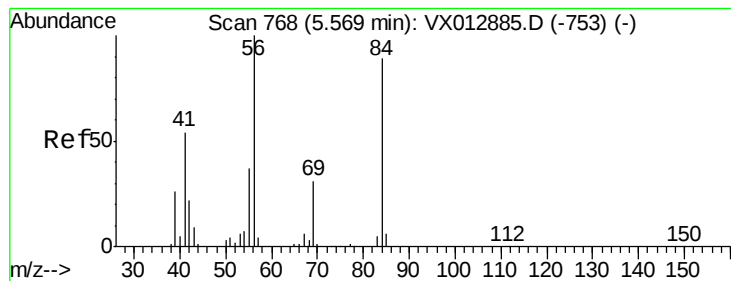
Tot Ion: 42 Resp: 255306
Ion Ratio Lower Upper
42 100
72 45.4 36.9 55.3
71 41.9 33.5 50.3



#30
Chloroform
Concen: 51.705 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 83 Resp: 176809
Ion Ratio Lower Upper
83 100
85 66.0 51.5 77.3





#31

Cyclohexane

Concen: 49.867 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampled :

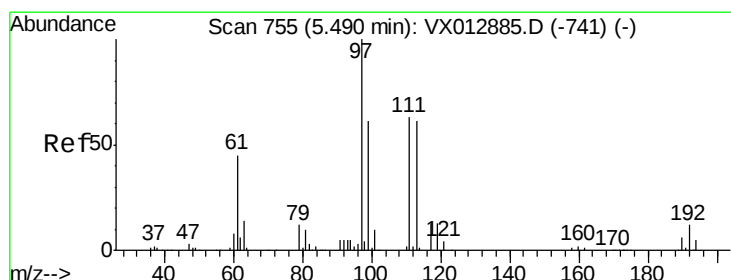
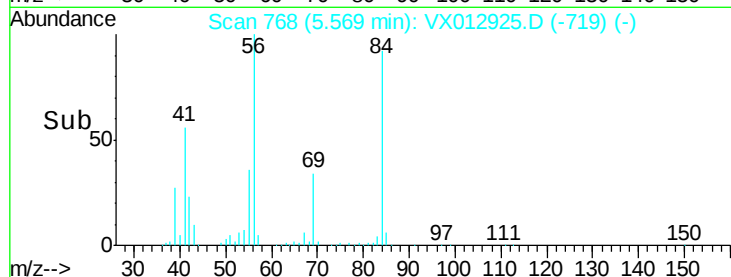
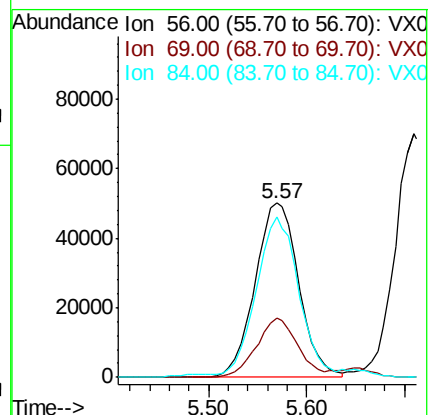
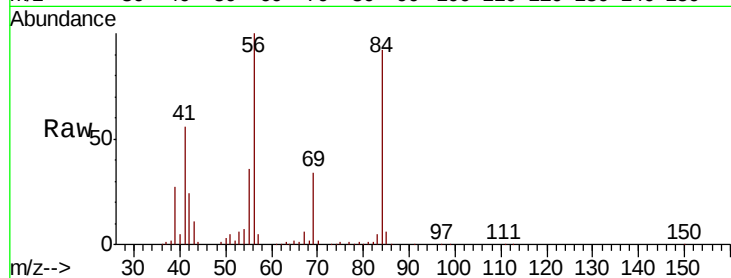
Tot Ion: 56 Resp: 155398

Ion Ratio Lower Upper

56 100

69 33.8 25.2 37.8

84 90.0 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 53.628 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

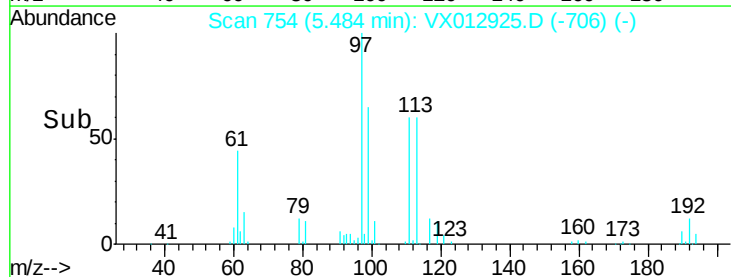
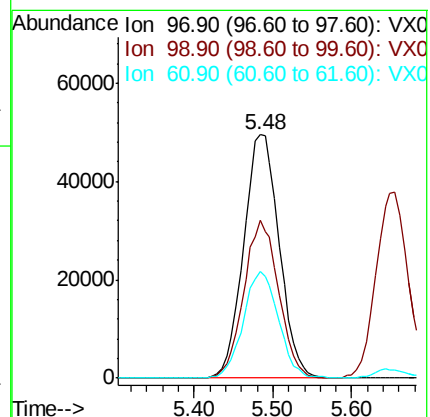
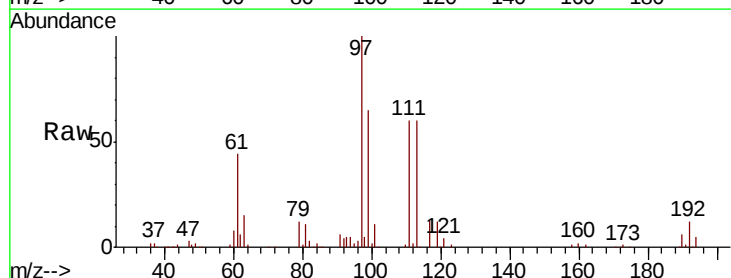
Tgt Ion: 97 Resp: 155381

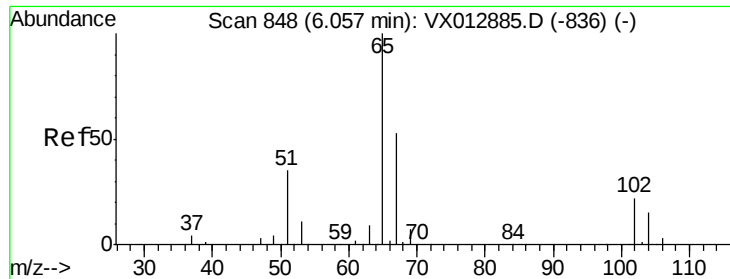
Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

61 43.2 35.0 52.4

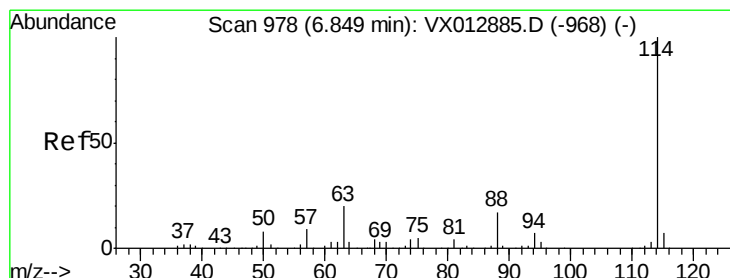
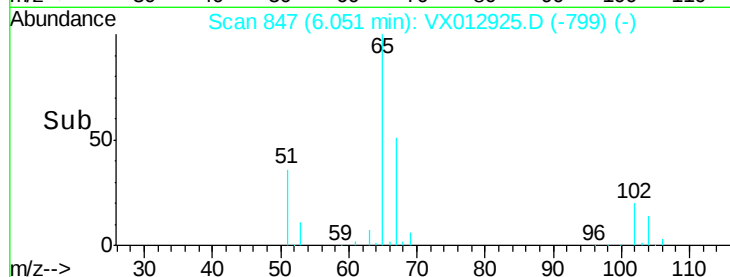
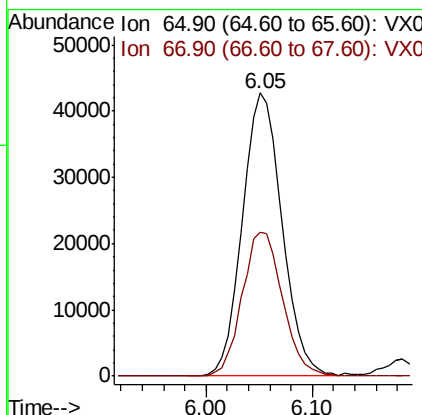
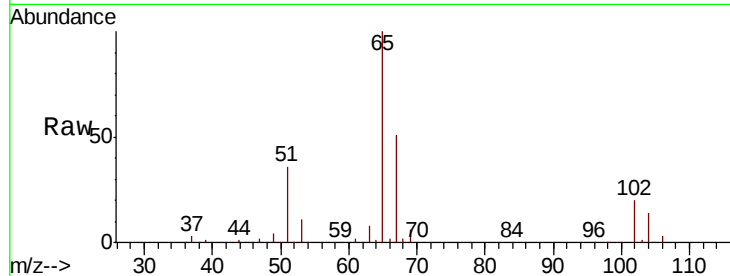




#33
 1,2-Dichloroethane-d4
 Concen: 52.057 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

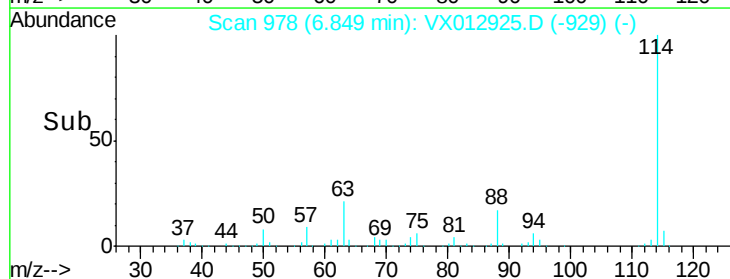
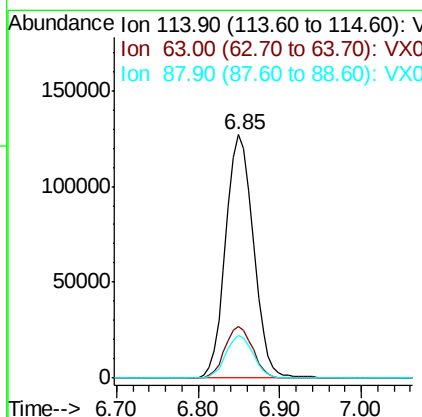
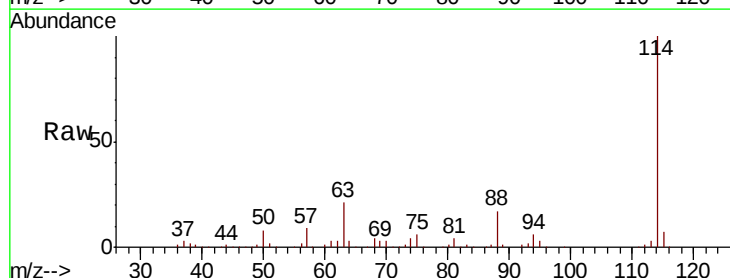
Instrument :
 MSVOA_X
 ClientSampleId :

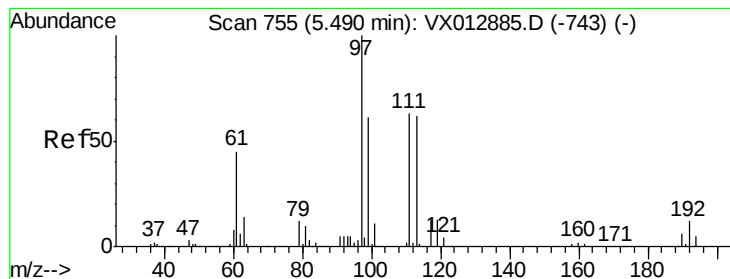
Tot Ion: 65 Resp: 111769
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 114 Resp: 299595
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.601 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

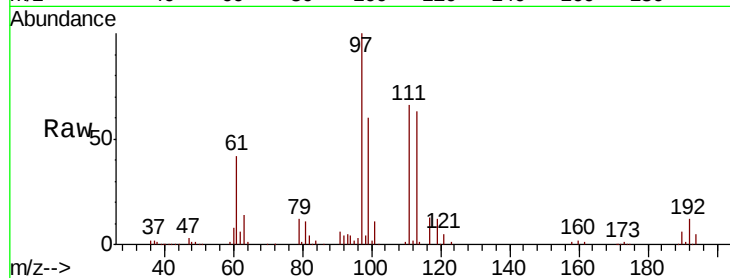
Tot Ion:113 Resp: 87010

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

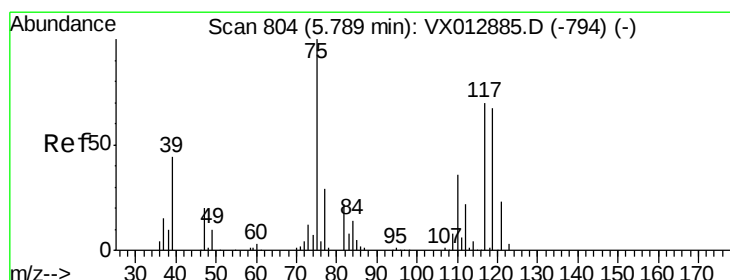
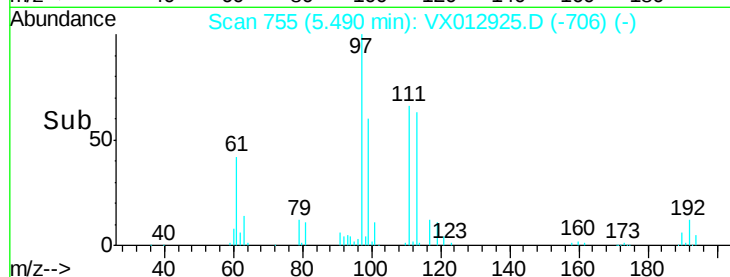
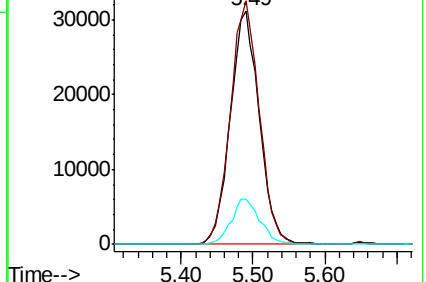
192 19.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.296 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

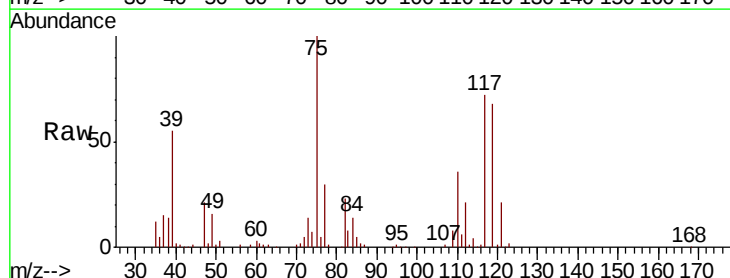
Tgt Ion: 75 Resp: 132483

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

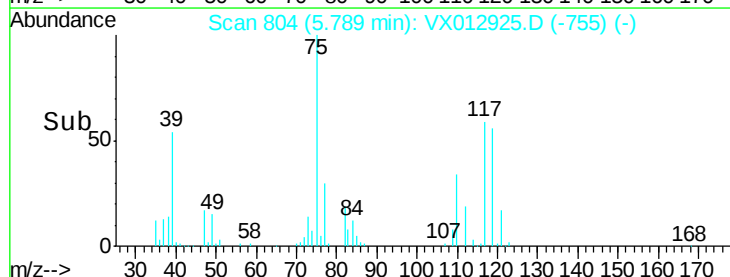
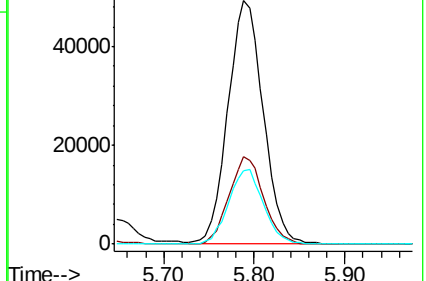
77 30.5 24.4 36.6

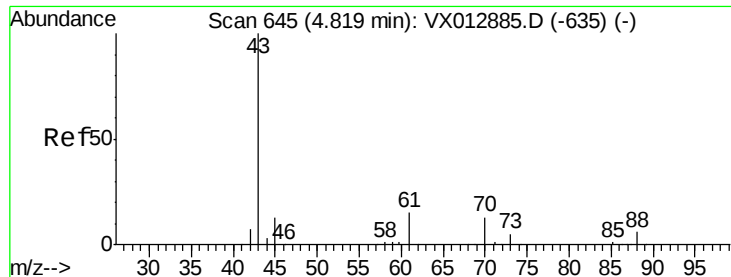


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

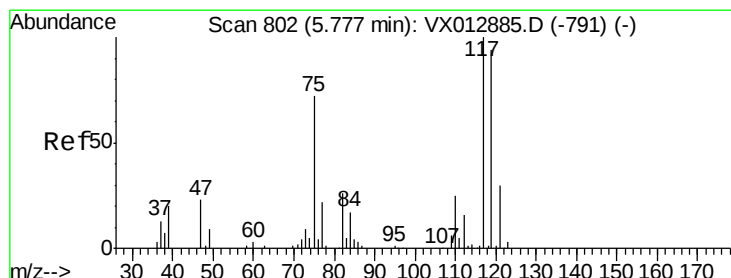
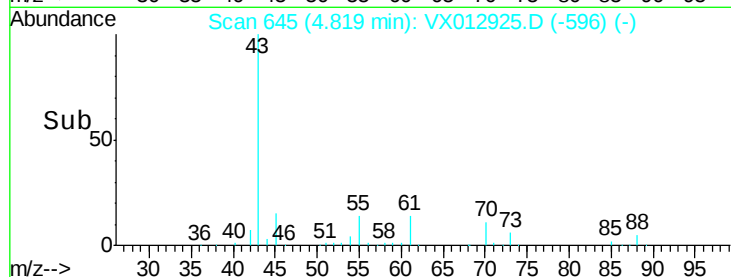
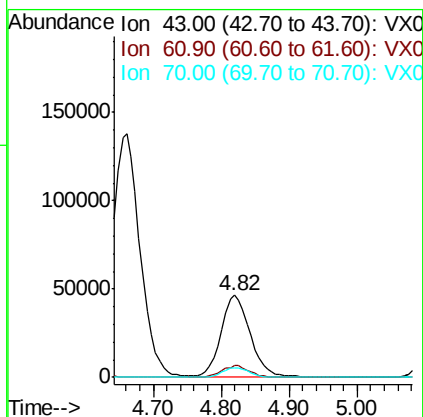
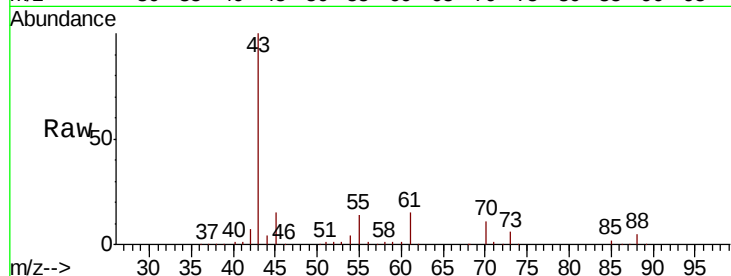




#37
Ethyl Acetate
Concen: 46.677 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

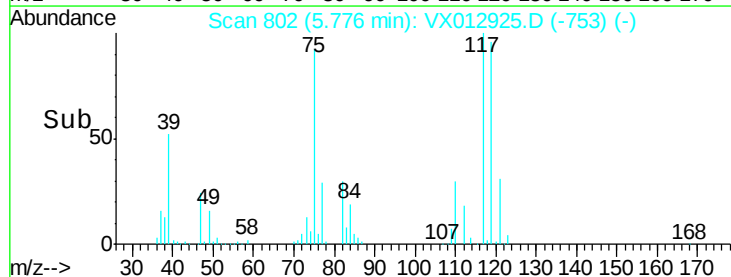
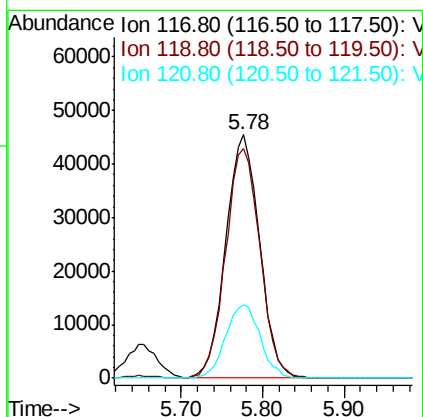
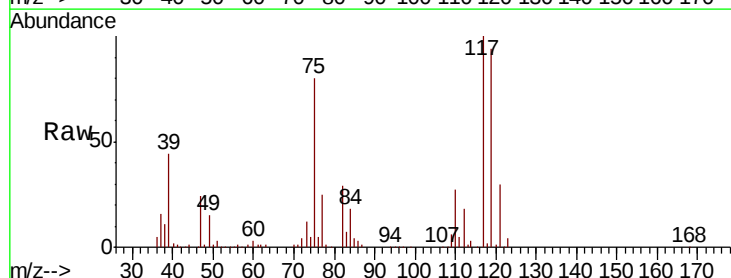
Instrument :
MSVOA_X
ClientSampleId :

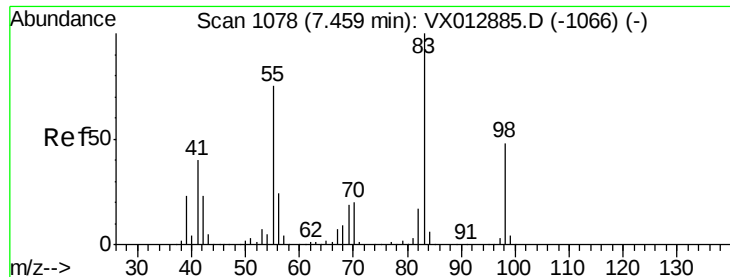
Tot Ion: 43 Resp: 137481
Ion Ratio Lower Upper
43 100
61 13.9 11.4 17.0
70 11.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 50.678 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 117 Resp: 129930
Ion Ratio Lower Upper
117 100
119 94.2 74.5 111.7
121 30.2 24.2 36.4

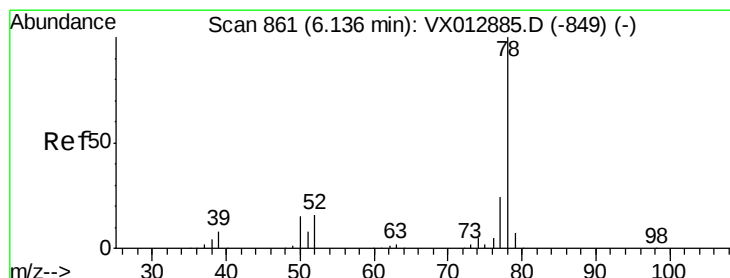
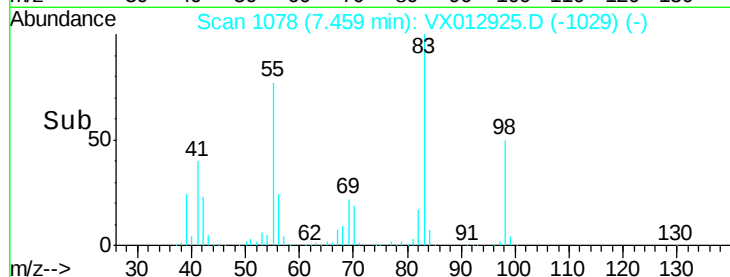
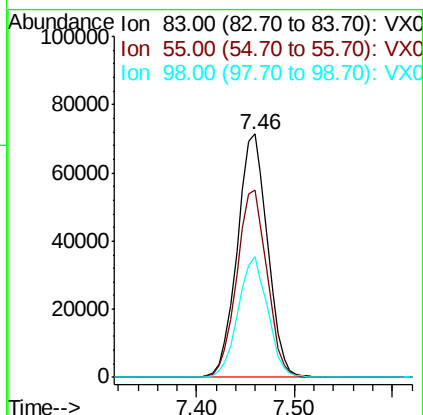
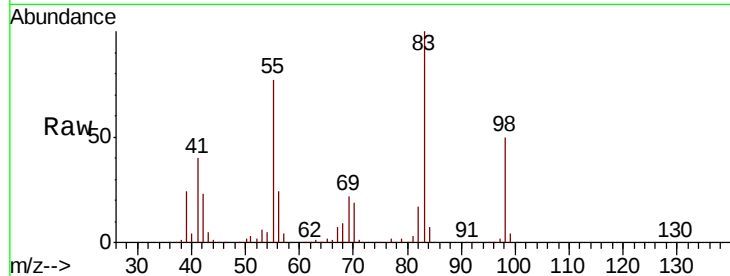




#39
Methvlcvclohexane
Concen: 48.120 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

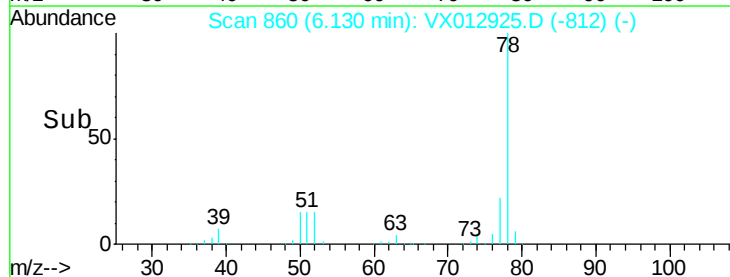
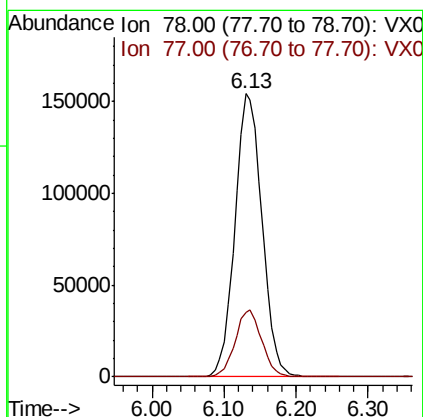
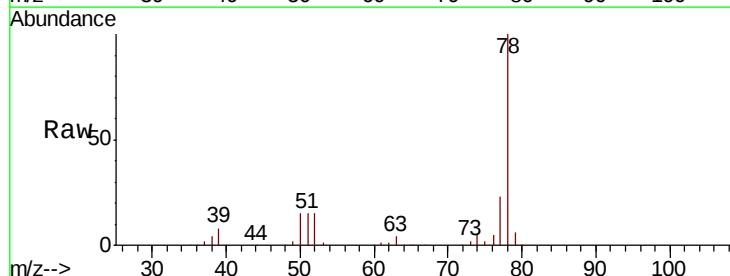
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 153714
Ion Ratio Lower Upper
83 100
55 77.1 60.2 90.4
98 49.7 38.5 57.7



#40
Benzene
Concen: 51.735 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 78 Resp: 402481
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 50.752 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 82139

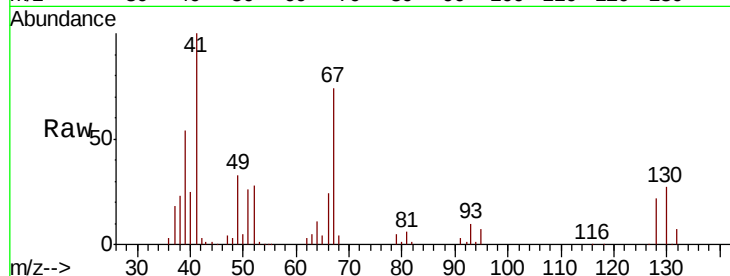
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.0	66.0
67	71.9	58.5	87.7
52	29.9	23.8	35.8

41 100

39 56.0 44.0 66.0

67 71.9 58.5 87.7

52 29.9 23.8 35.8

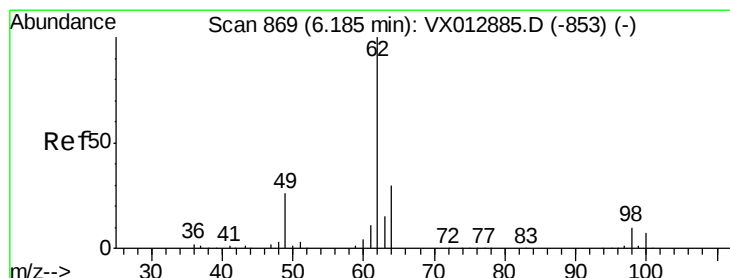
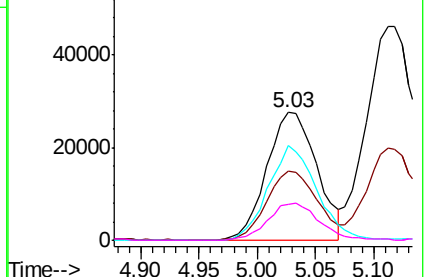
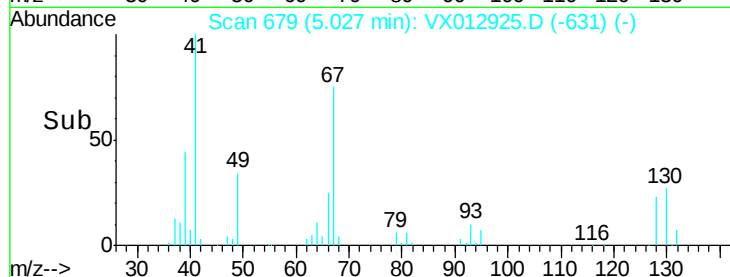


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.309 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012925.D

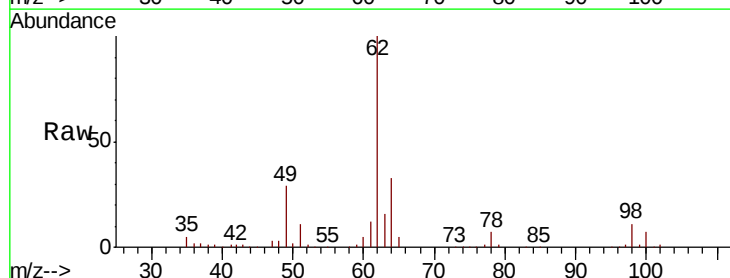
Acq: 09 Oct 2019 06:15

Tgt Ion: 62 Resp: 143235

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4

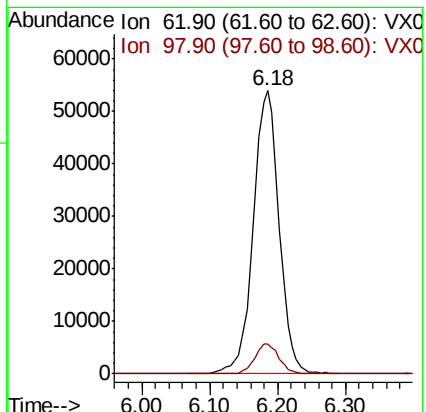
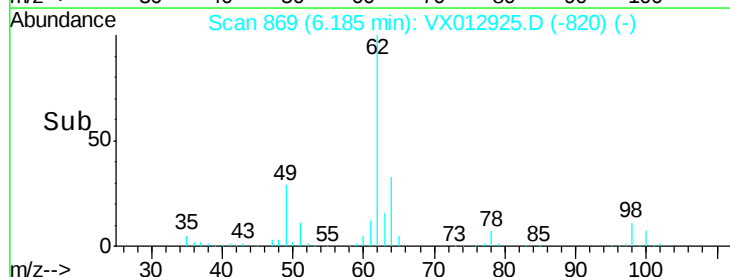
62 100

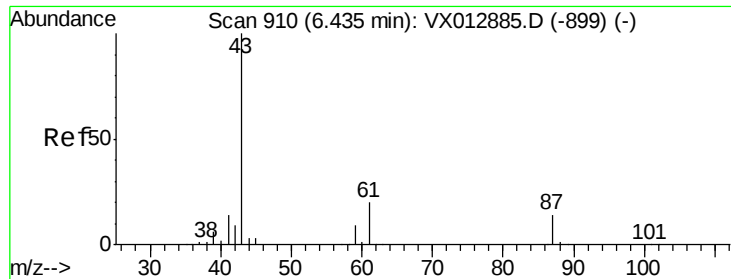
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.068 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

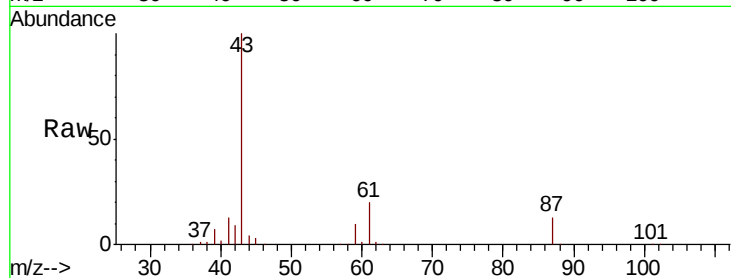
Tot Ion: 43 Resp: 227239

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

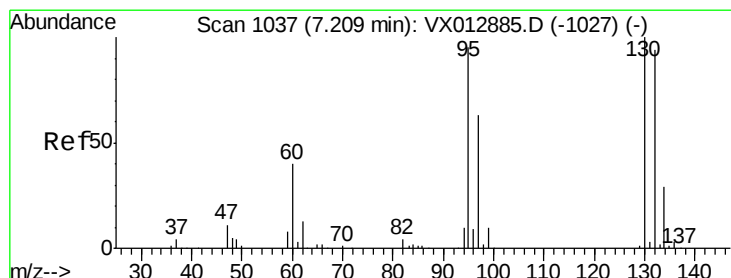
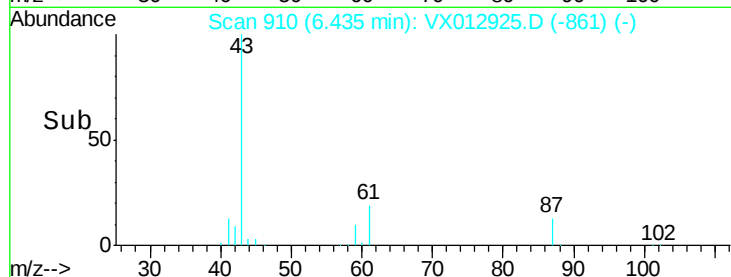
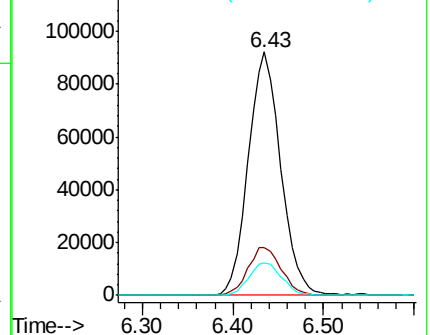
87 13.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.748 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012925.D

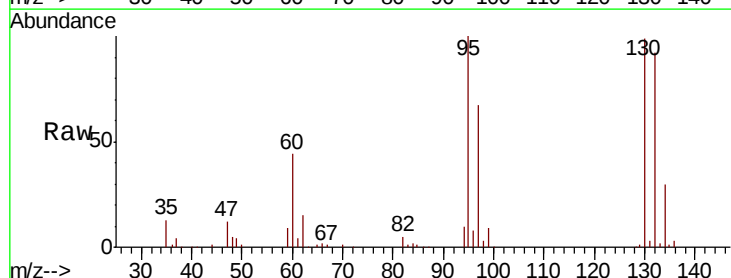
Acq: 09 Oct 2019 06:15

Tgt Ion:130 Resp: 103009

Ion Ratio Lower Upper

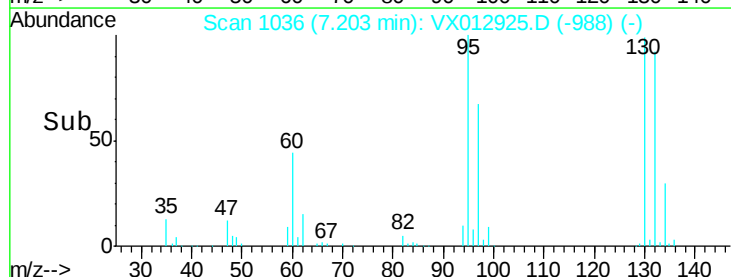
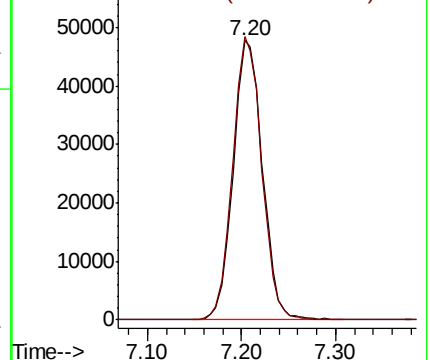
130 100

95 101.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

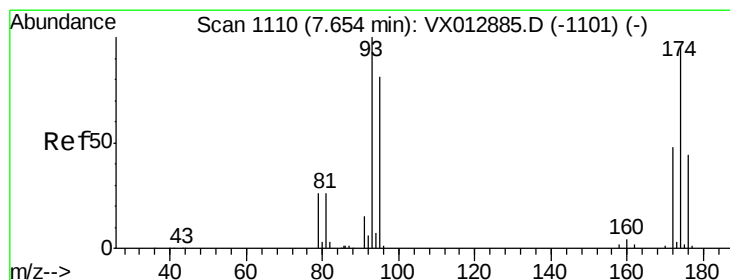
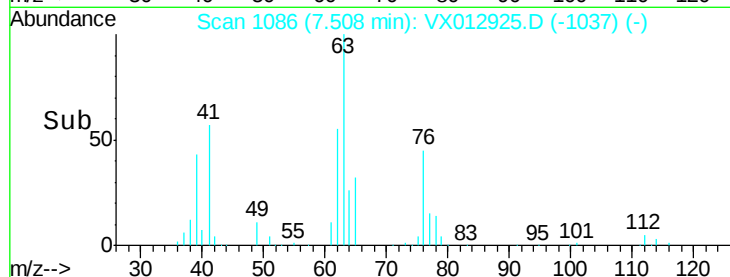
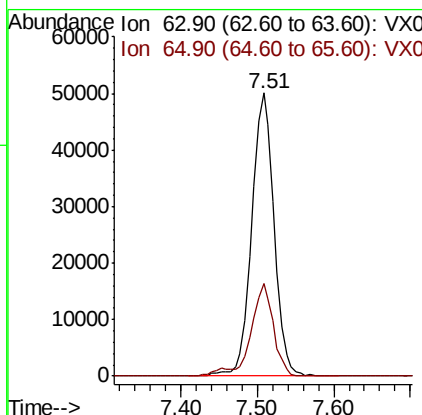
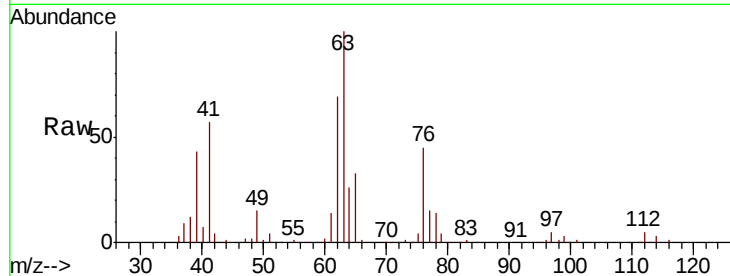




#45
 1,2-Dichloropropane
 Concen: 51.476 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

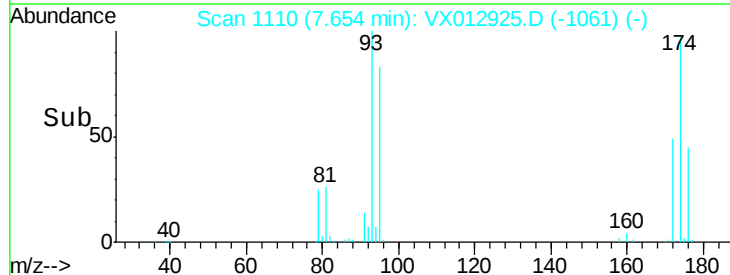
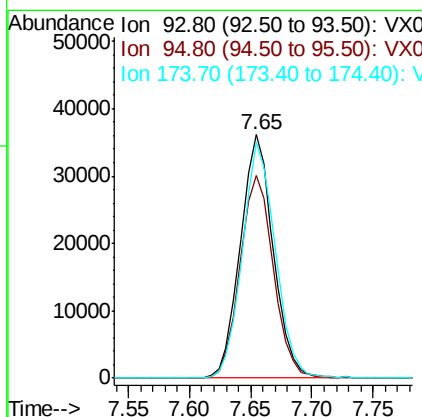
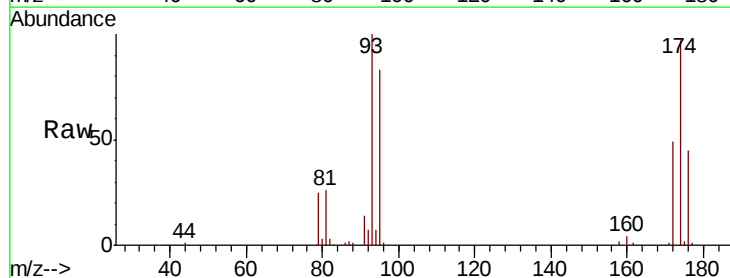
Instrument :
 MSVOA_X
 ClientSampled :

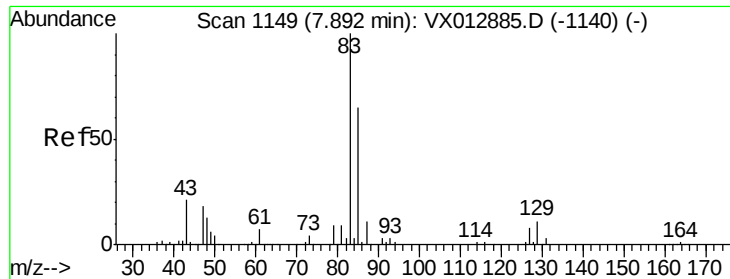
Tot Ion: 63 Resp: 102067
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.6 37.0



#46
 Dibromomethane
 Concen: 51.148 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 93 Resp: 67569
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.3 99.5
 174 97.2 77.8 116.6





#47

Bromodichloromethane

Concen: 52.109 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

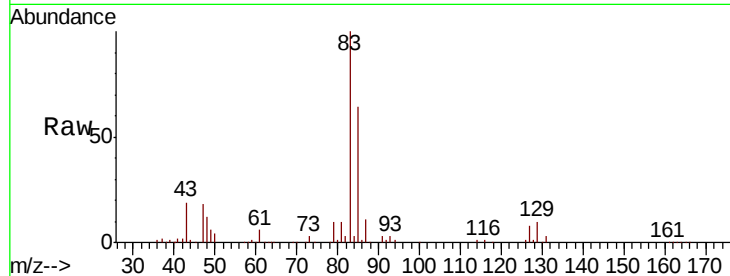
Tot Ion: 83 Resp: 134341

Ion Ratio Lower Upper

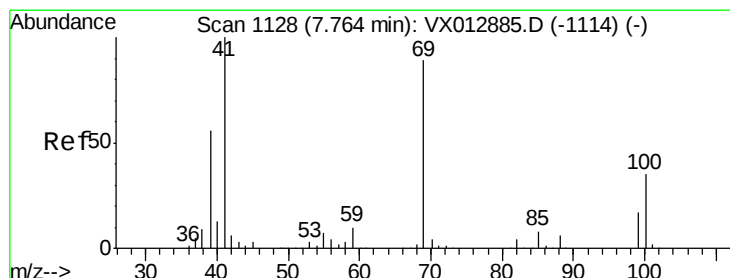
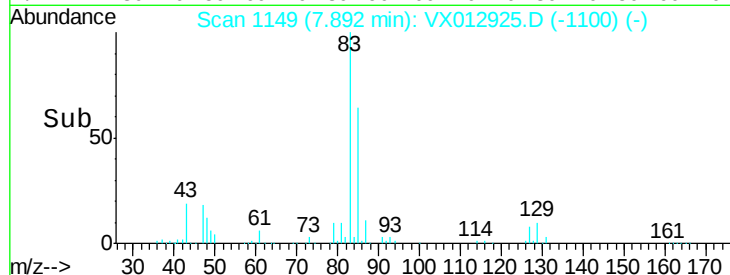
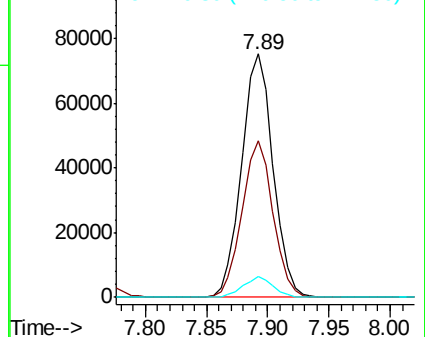
83 100

85 64.1 52.4 78.6

127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.455 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

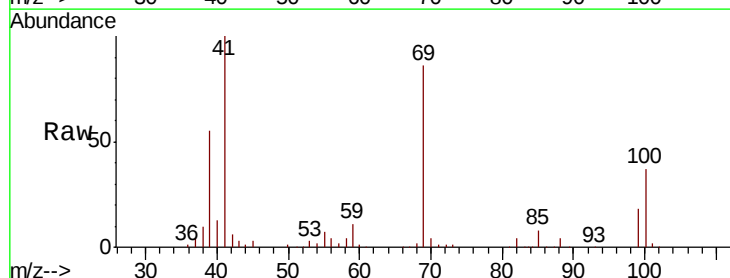
Tgt Ion: 41 Resp: 116234

Ion Ratio Lower Upper

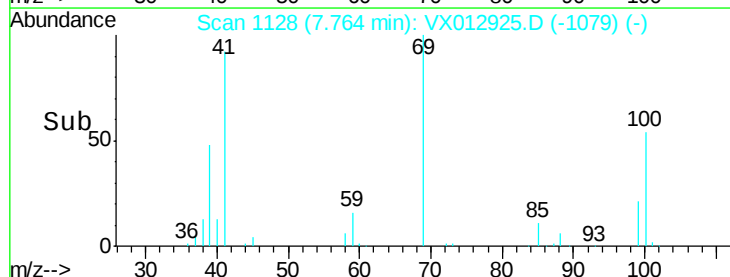
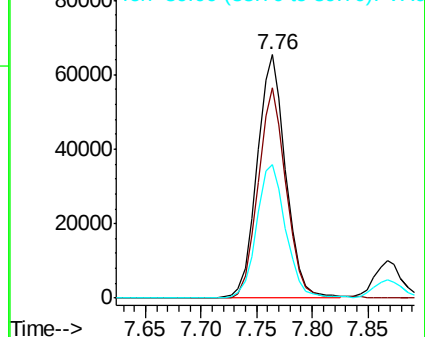
41 100

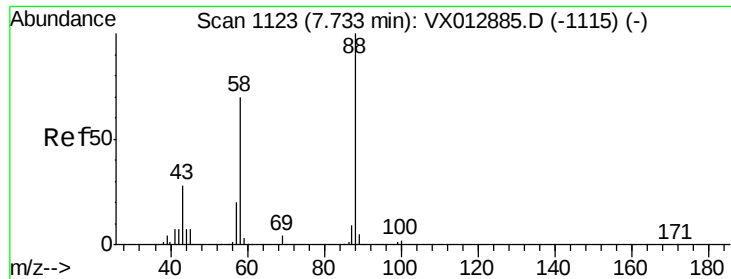
69 85.9 68.7 103.1

39 56.4 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

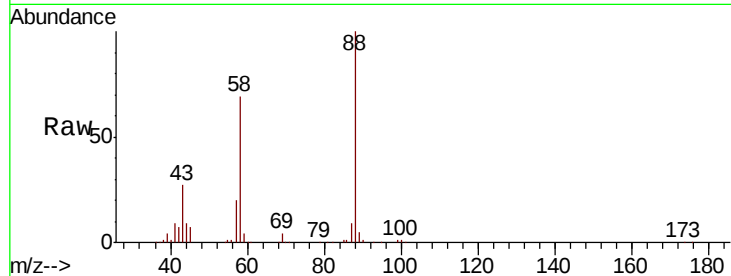




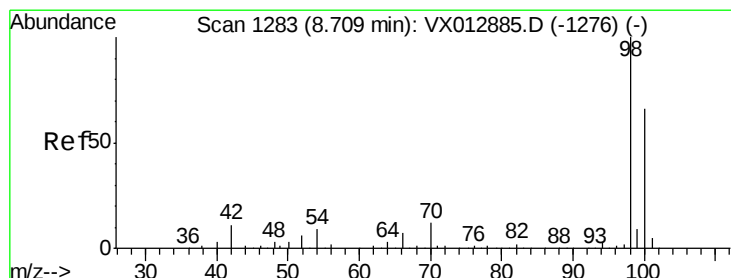
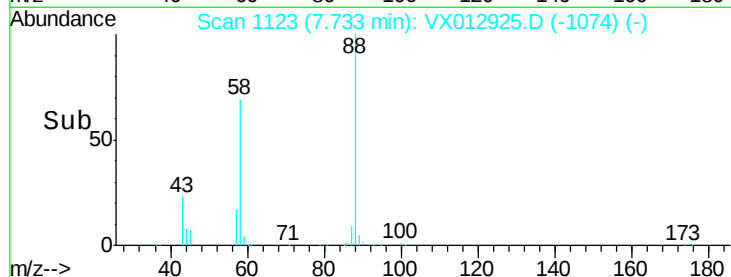
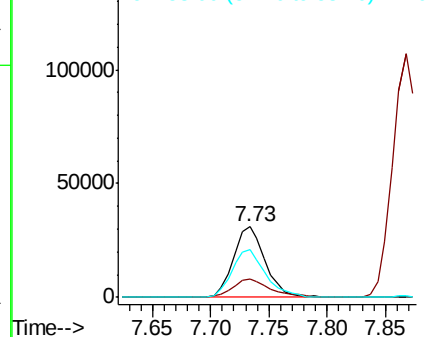
#49
1,4-Dioxane
Concen: 962.481 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 59418
Ion Ratio Lower Upper
88 100
43 31.6 25.0 37.6
58 71.1 55.4 83.2

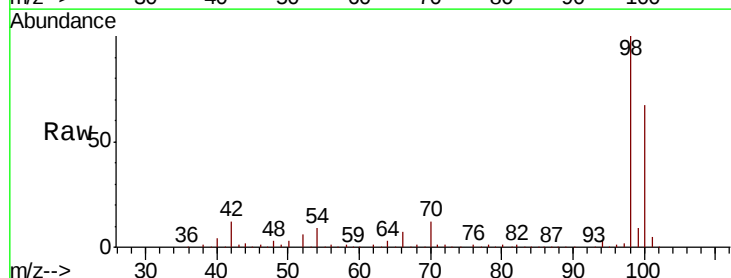


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

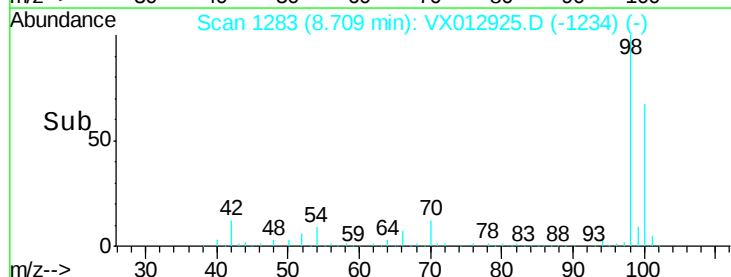
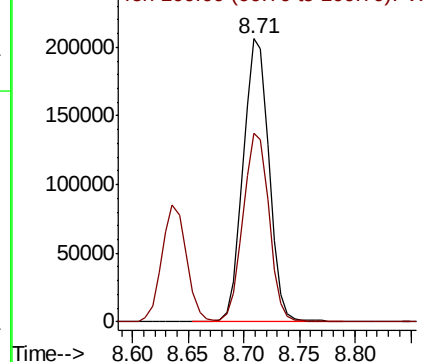


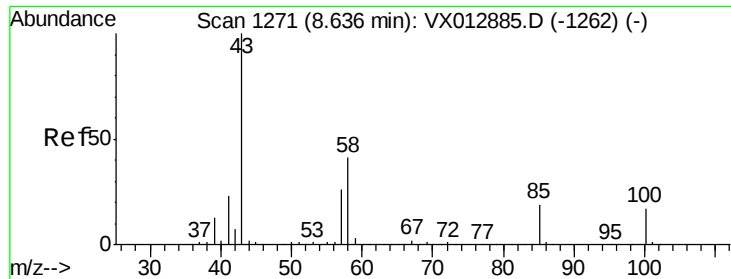
#50
Toluene-d8
Concen: 49.474 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 98 Resp: 331799
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 257.097 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

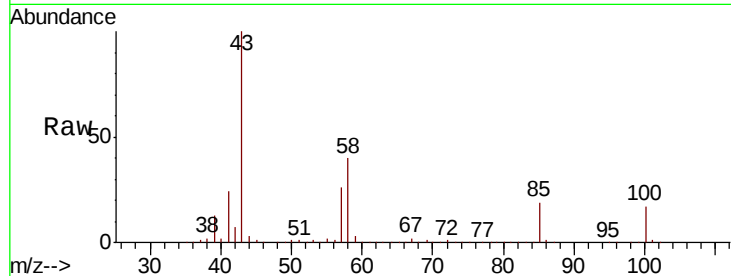
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 757780

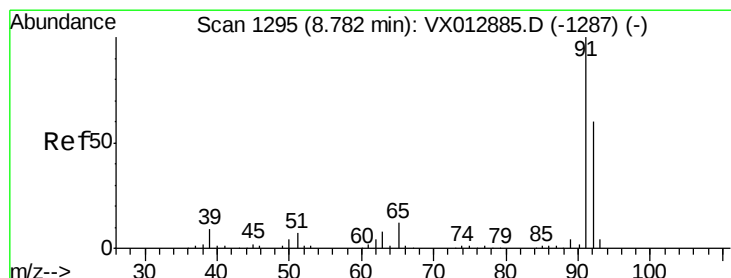
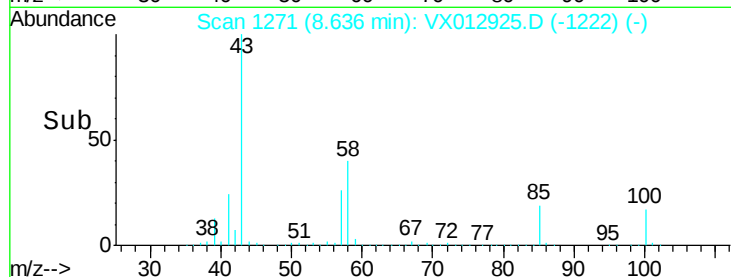
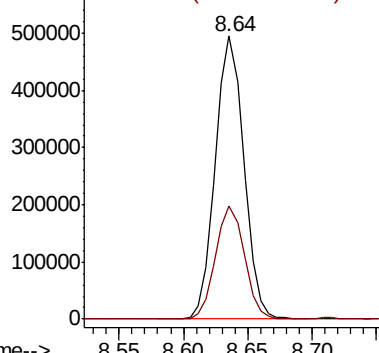
Ion Ratio Lower Upper

43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.121 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012925.D

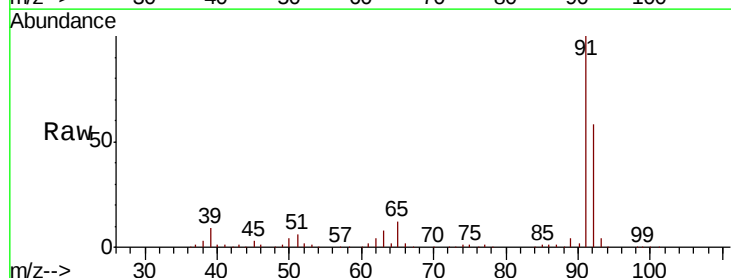
Acq: 09 Oct 2019 06:15

Tgt Ion: 92 Resp: 254436

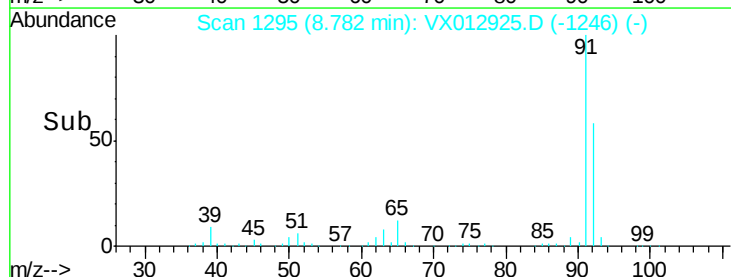
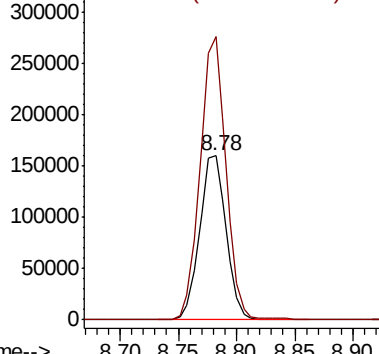
Ion Ratio Lower Upper

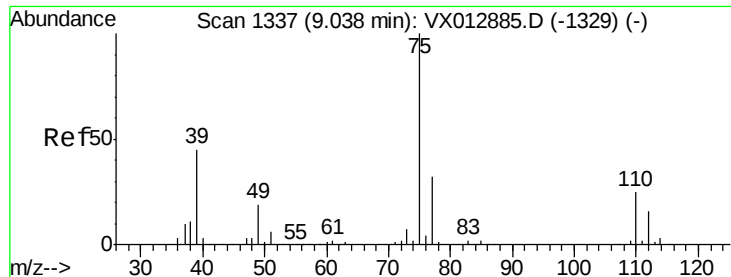
92 100

91 168.3 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

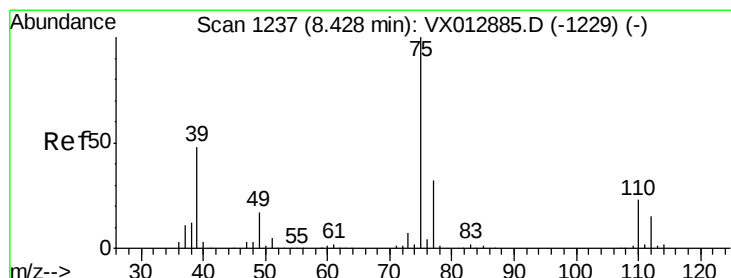
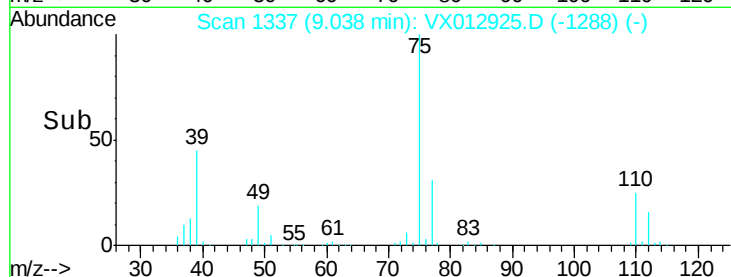
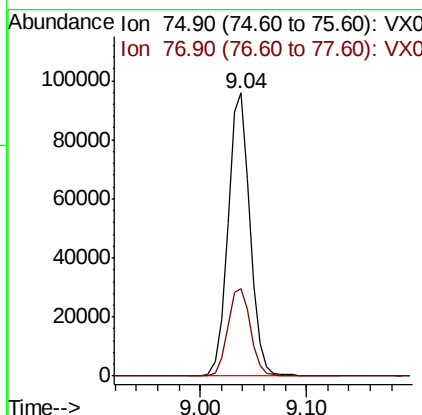
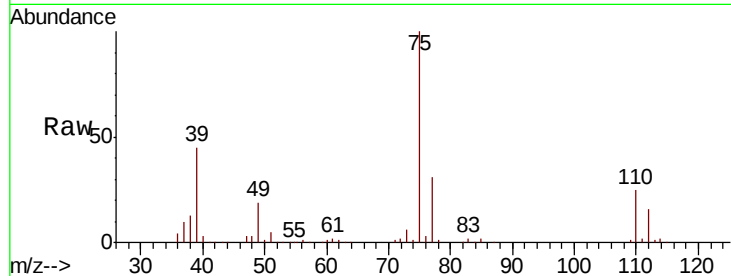




#53
 t-1,3-Dichloropropene
 Concen: 43.336 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

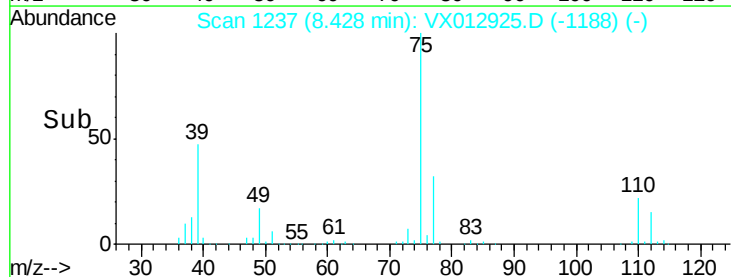
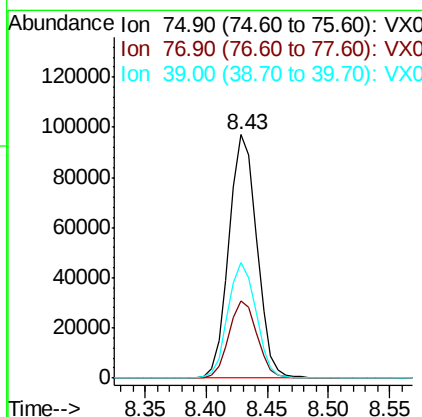
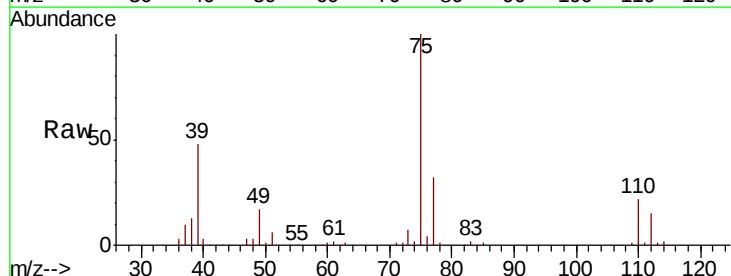
Instrument :
 MSVOA_X
 ClientSampleId :

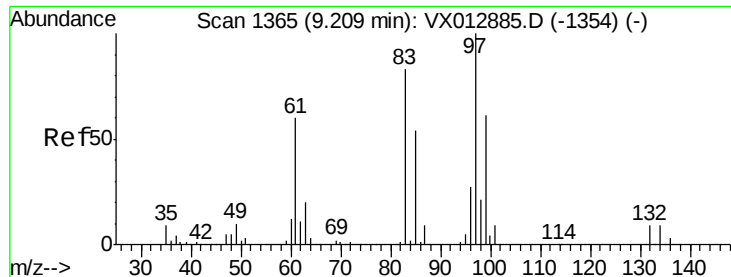
Tot Ion: 75 Resp: 138453
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.463 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 75 Resp: 153666
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8
 39 47.5 38.2 57.2

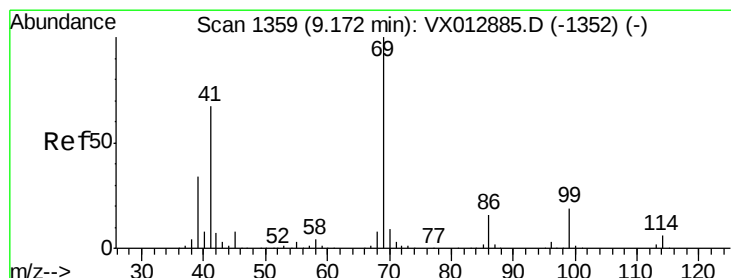
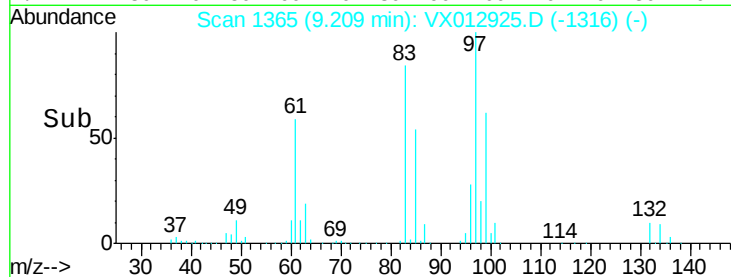
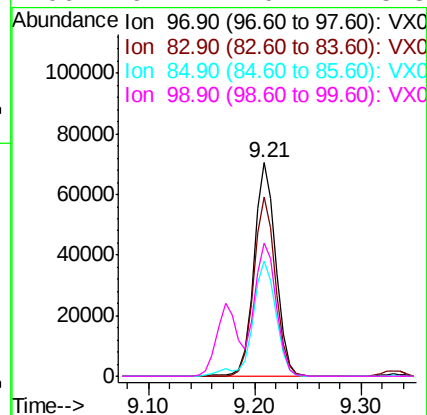
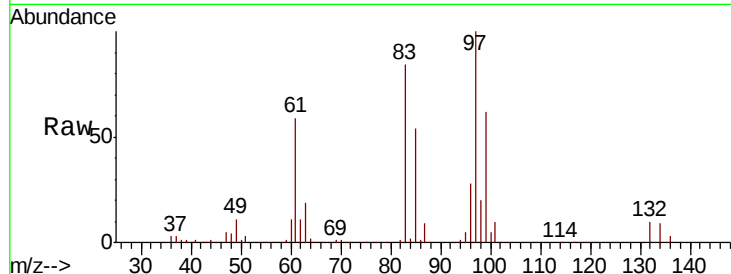




#55
 1,1,2-Trichloroethane
 Concen: 51.231 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

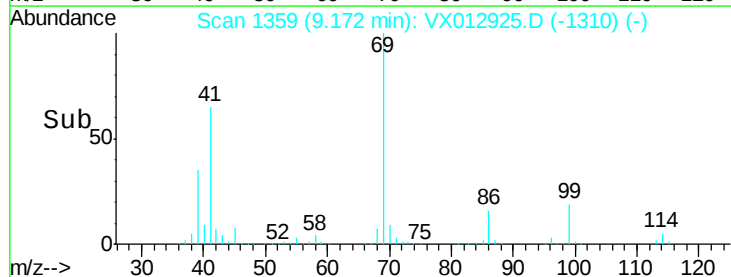
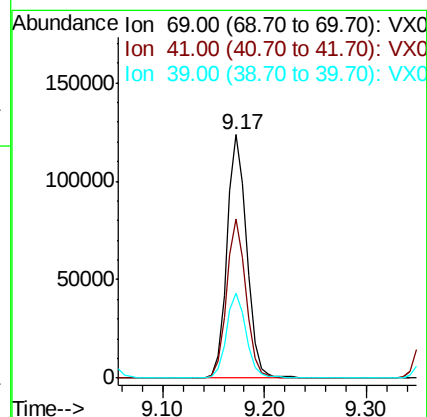
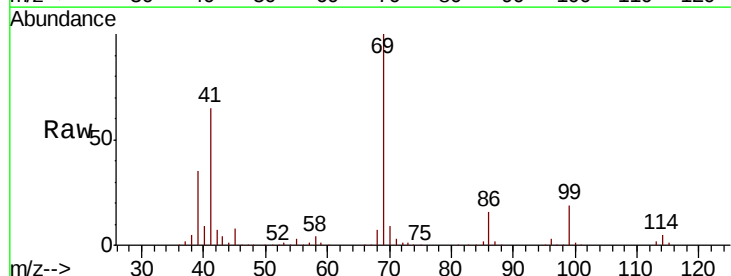
Instrument :
 MSVOA_X
 ClientSampleId :

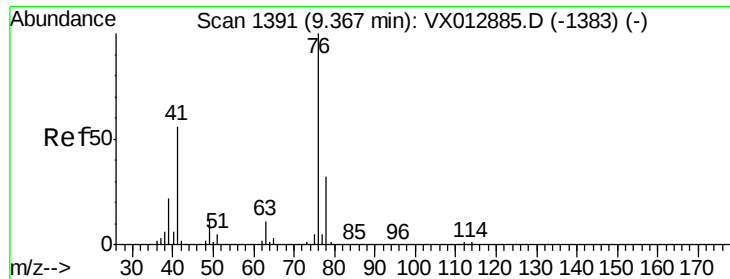
Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.5	99.7
85	54.1	43.1	64.7
99	62.2	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 47.197 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.1	78.1
39	35.2	27.8	41.8





#57

1,3-Dichloropropane

Concen: 51.313 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

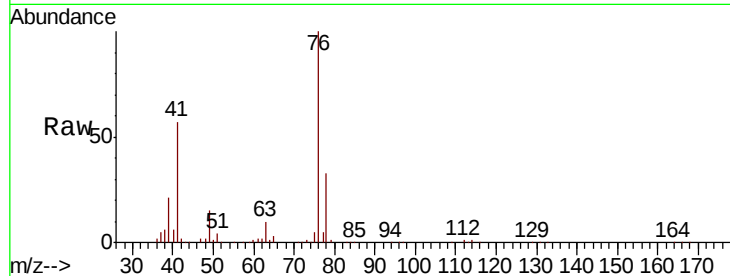
ClientSampled :

Tot Ion: 76 Resp: 174832

Ion Ratio Lower Upper

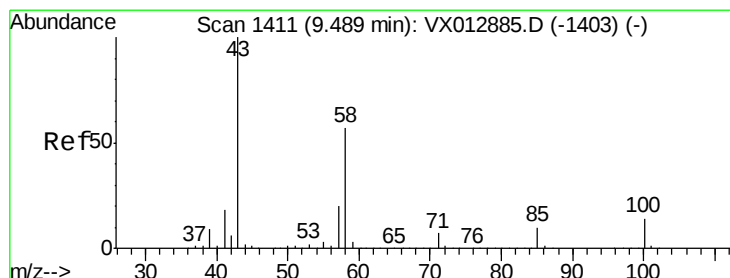
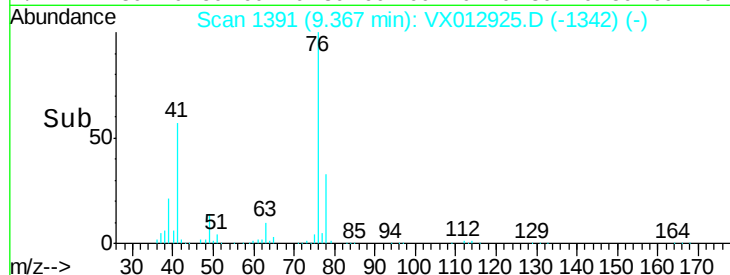
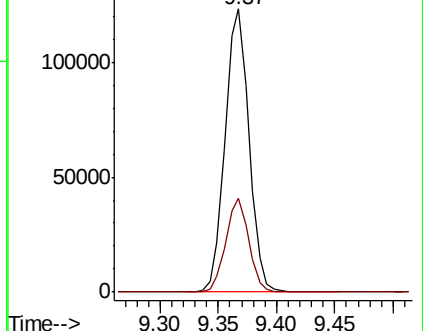
76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 253.847 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX012925.D

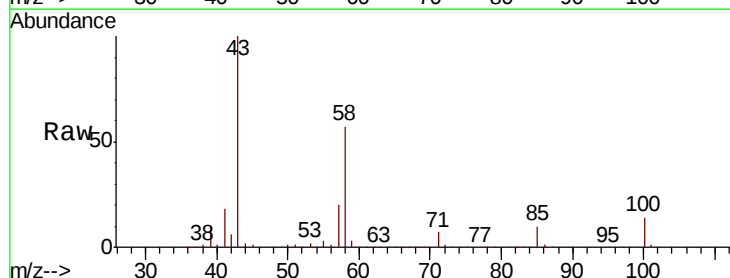
Acq: 09 Oct 2019 06:15

Tgt Ion: 43 Resp: 582427

Ion Ratio Lower Upper

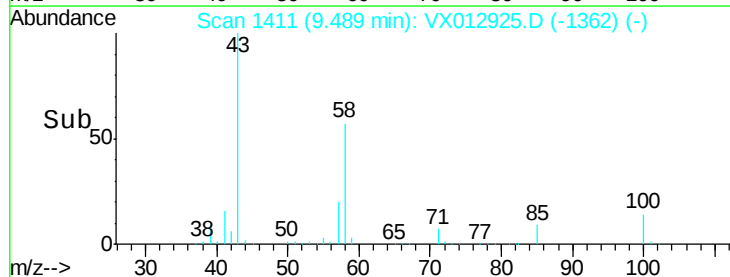
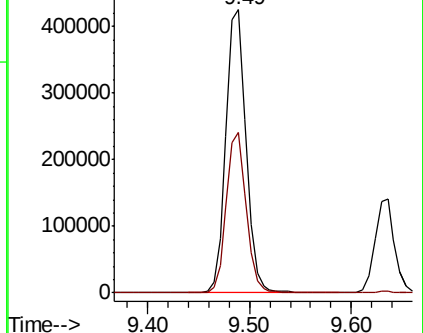
43 100

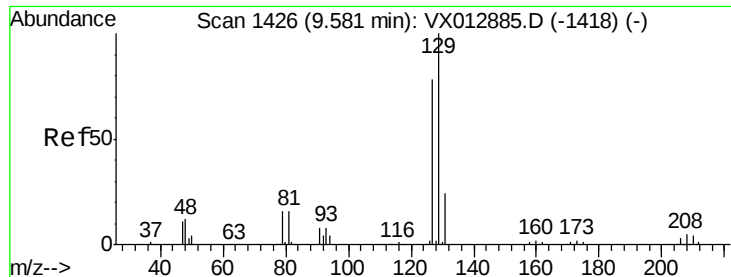
58 55.9 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

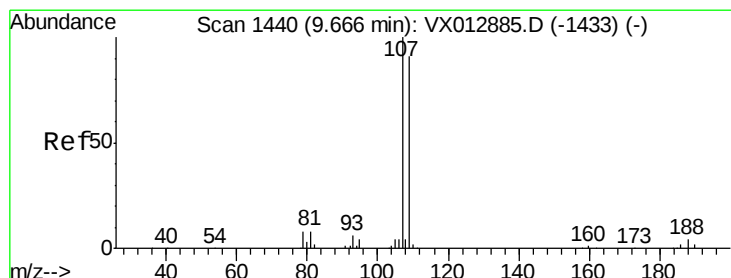
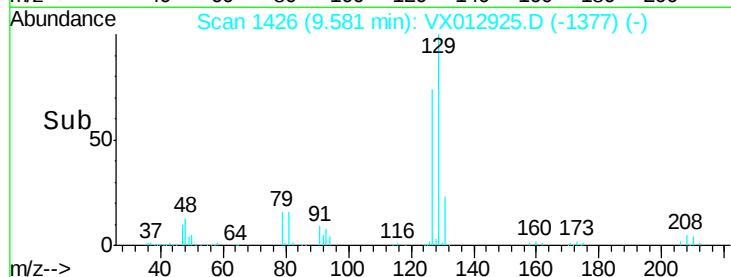
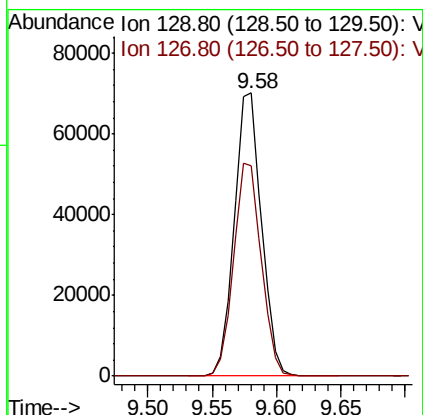
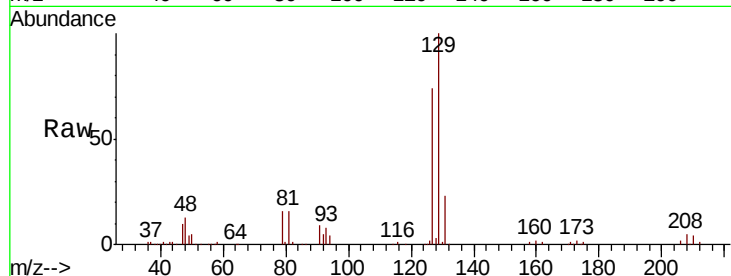




#60
 Dibromochloromethane
 Concen: 47.201 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

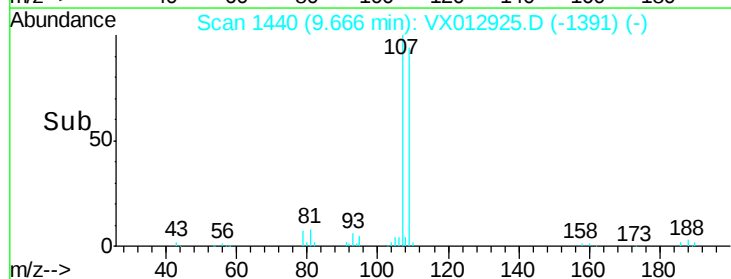
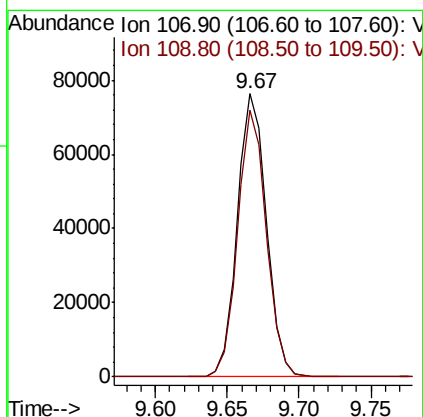
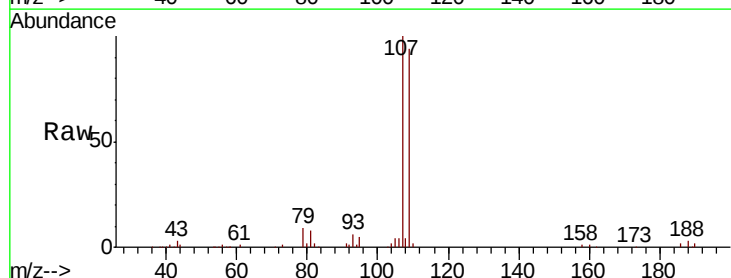
Instrument :
 MSVOA_X
 ClientSampleId :

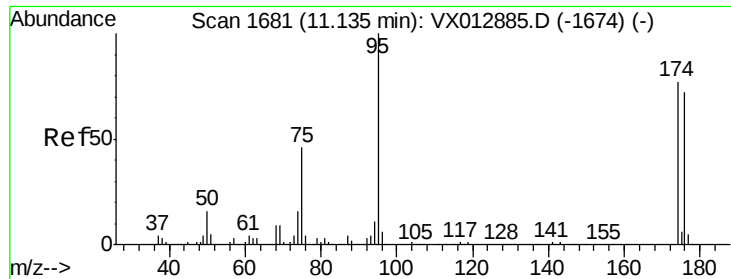
Tot Ion:129 Resp: 103223
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 51.681 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion:107 Resp: 107082
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 48.979 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

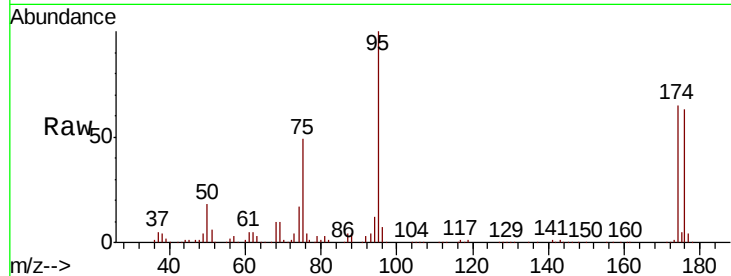
Tot Ion: 95 Resp: 127634

Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.4

176 70.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

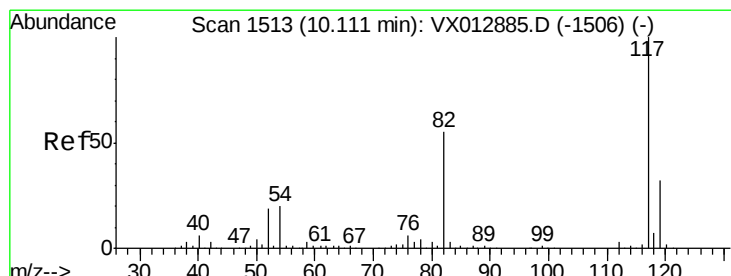
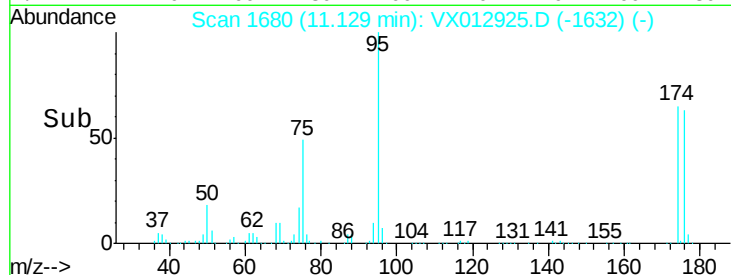
60000

40000

20000

0

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

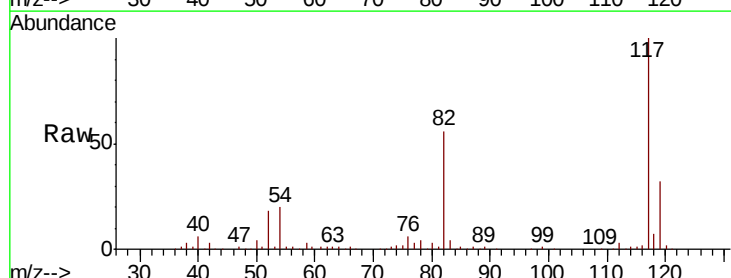
Tgt Ion: 117 Resp: 269883

Ion Ratio Lower Upper

117 100

82 56.4 44.1 66.1

119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

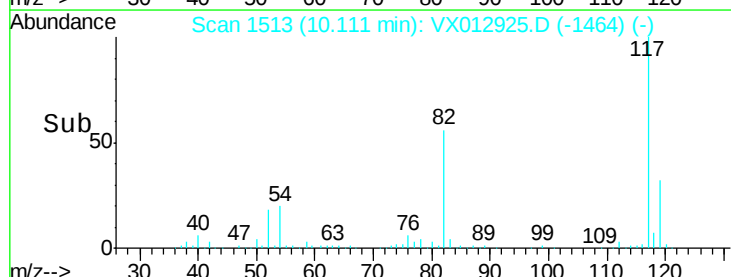
150000

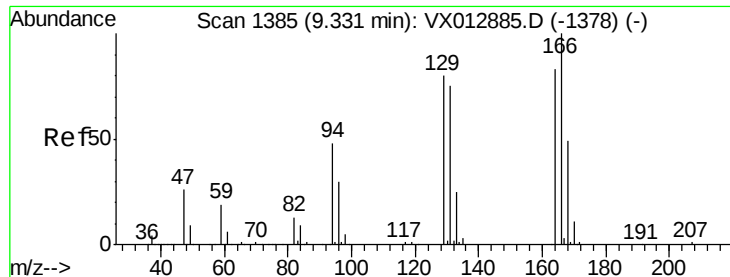
100000

50000

0

Time--> 10.10 10.20

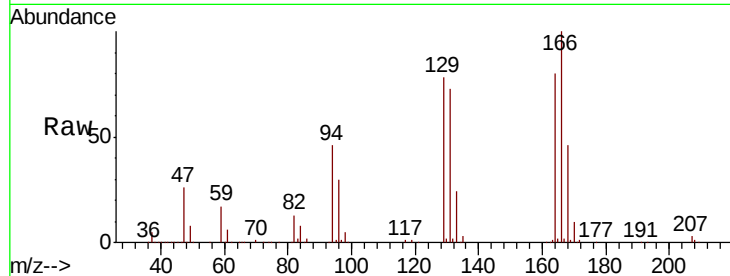




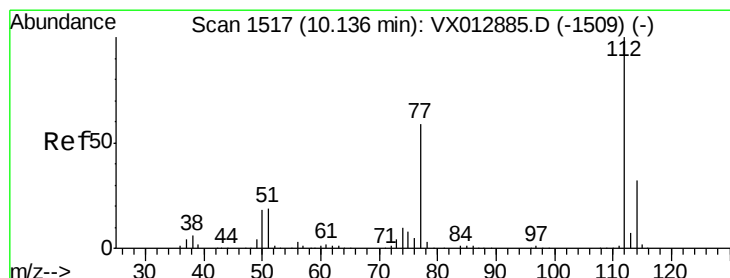
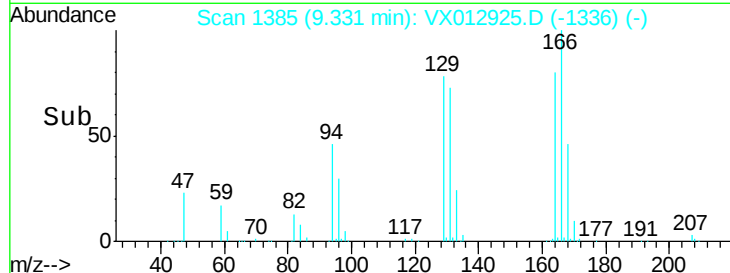
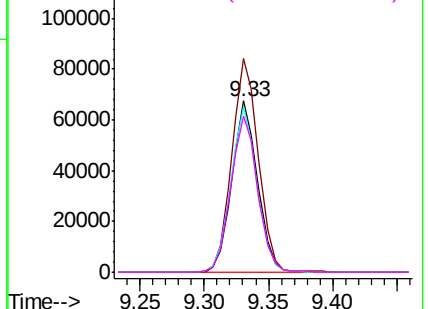
#64
Tetrachloroethene
Concen: 50.217 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 94001
Ion Ratio Lower Upper
164 100
166 124.9 96.9 145.3
129 96.9 77.9 116.9
131 91.4 72.7 109.1

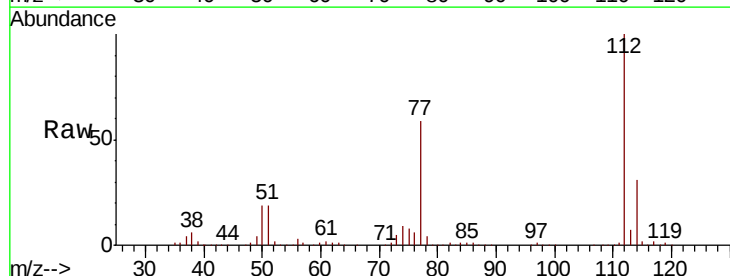


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

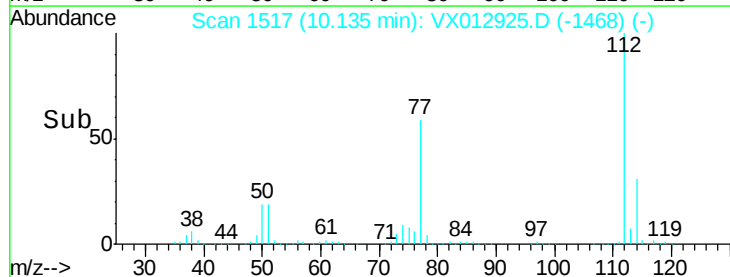
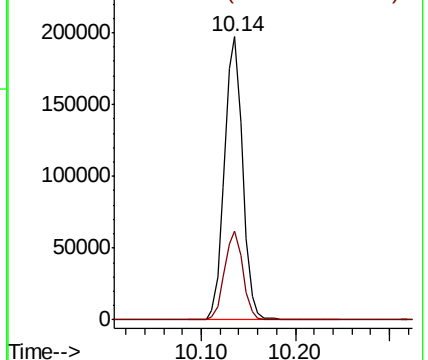


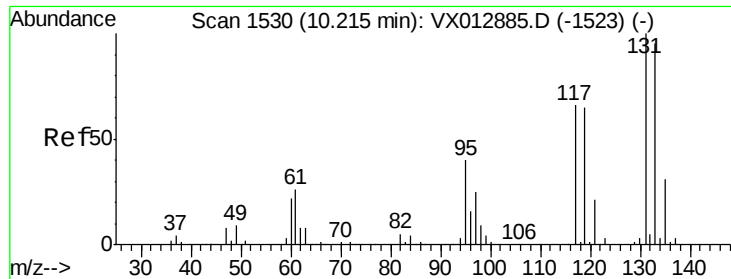
#65
Chlorobenzene
Concen: 49.437 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:112 Resp: 264955
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.938 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

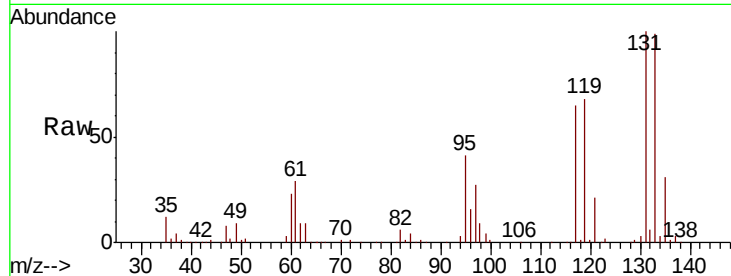
Tot Ion:131 Resp: 96513

Ion Ratio Lower Upper

131 100

133 94.0 47.2 141.6

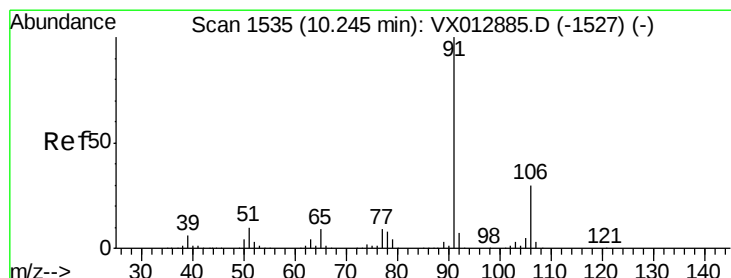
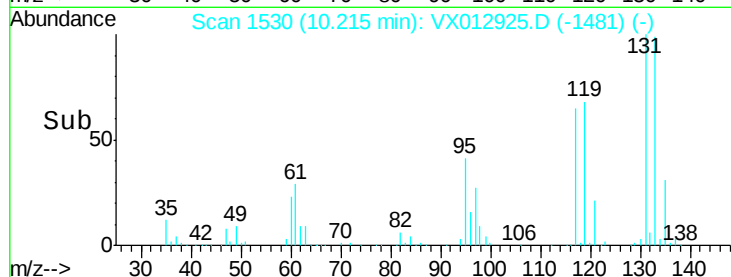
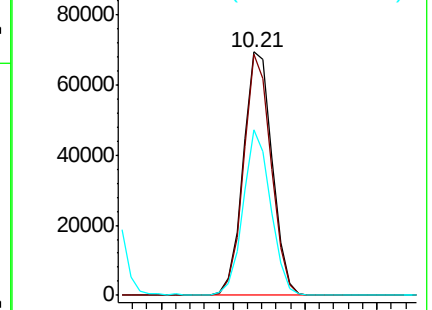
119 64.8 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.902 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012925.D

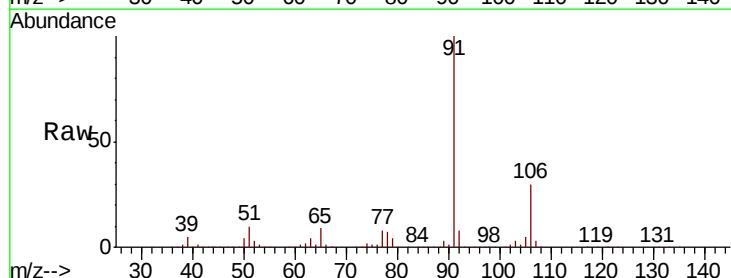
Acq: 09 Oct 2019 06:15

Tgt Ion: 91 Resp: 484581

Ion Ratio Lower Upper

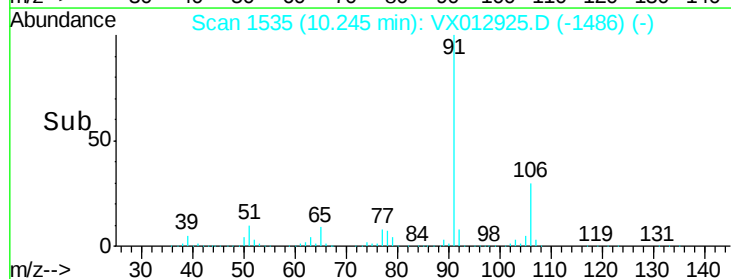
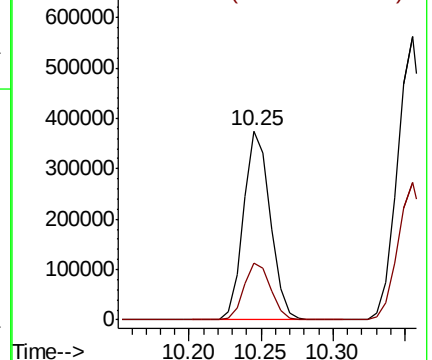
91 100

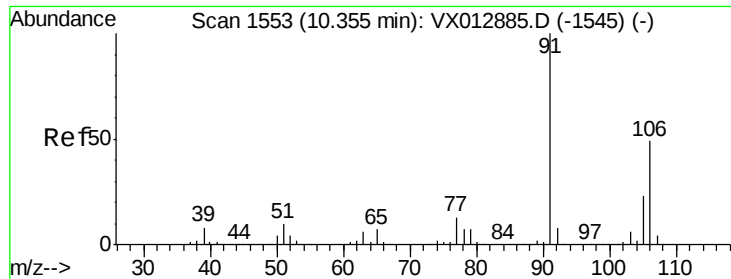
106 29.9 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

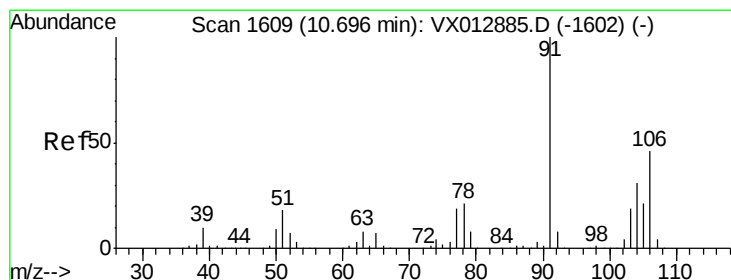
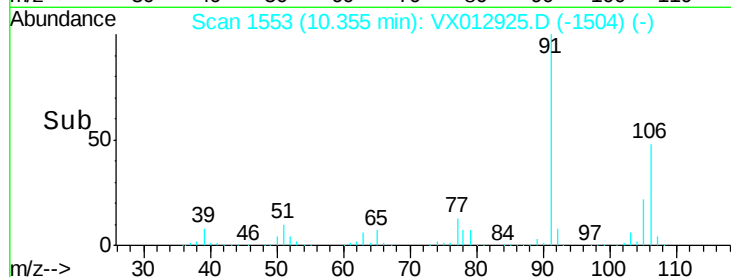
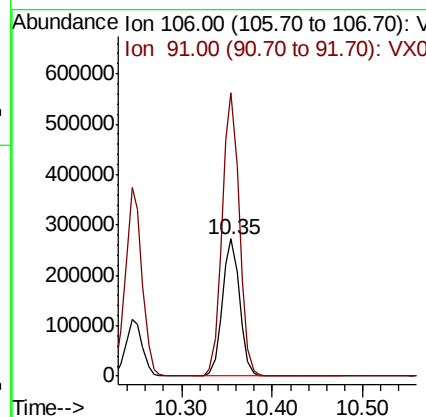
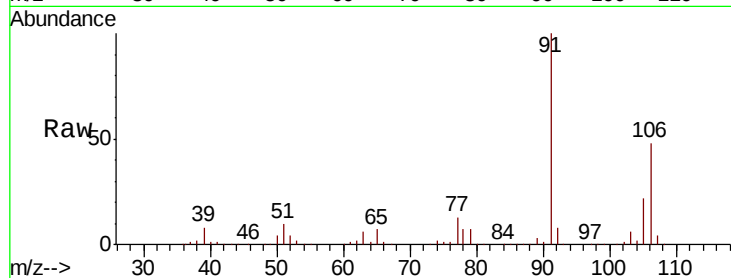




#68
m/p-Xylenes
Concen: 102.185 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

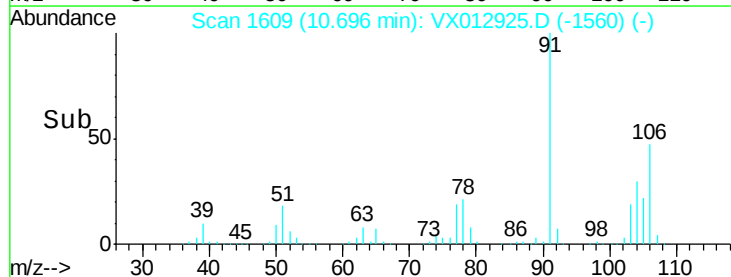
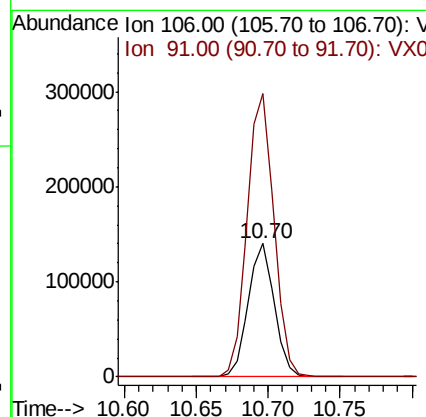
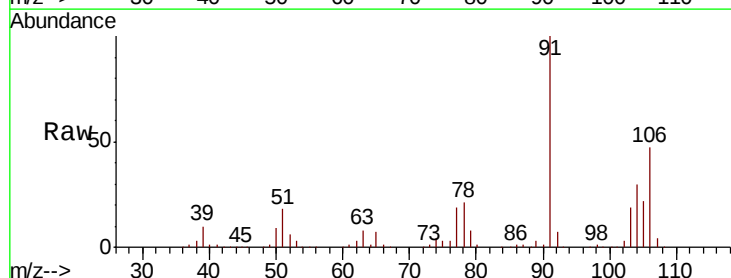
Instrument :
MSVOA_X
ClientSampleId :

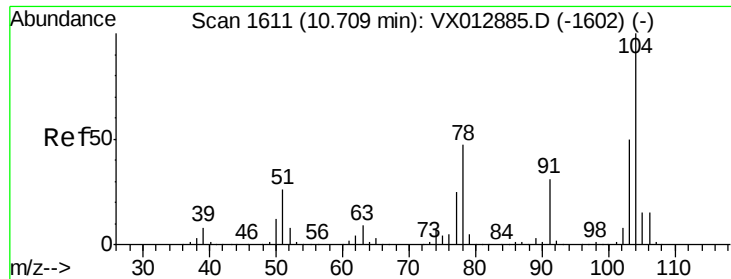
Tot Ion:106 Resp: 363419
Ion Ratio Lower Upper
106 100
91 206.0 165.3 247.9



#69
o-Xylene
Concen: 50.569 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:106 Resp: 175383
Ion Ratio Lower Upper
106 100
91 218.7 109.1 327.3

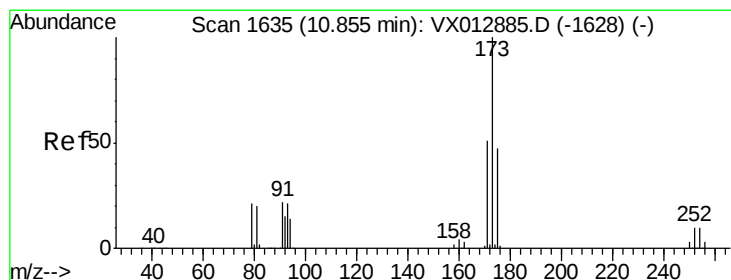
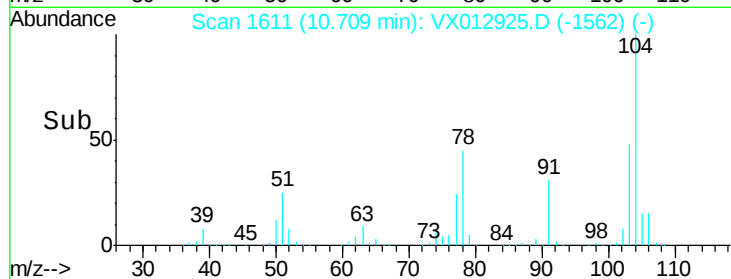
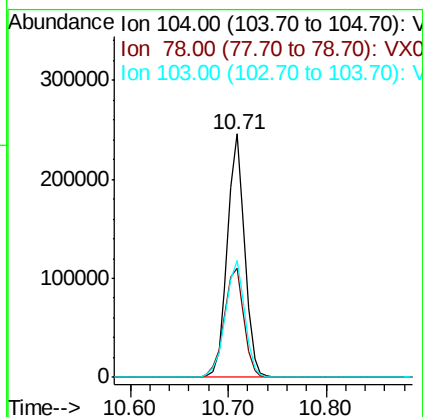
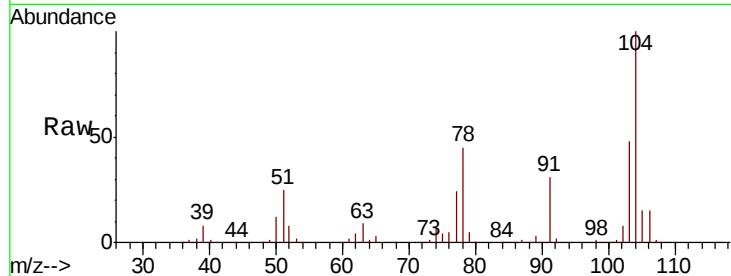




#70
Stvrene
Concen: 51.406 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

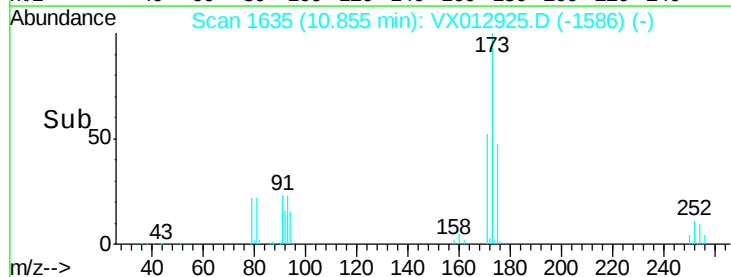
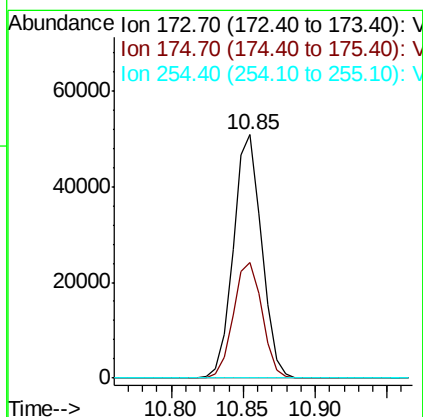
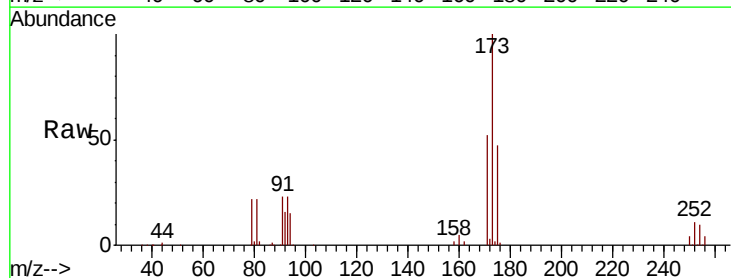
Instrument :
MSVOA_X
ClientSampleId :

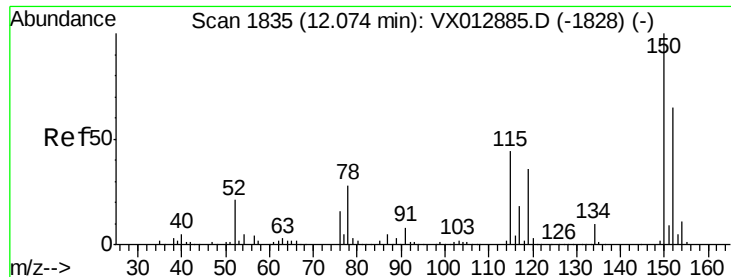
Tot Ion:104 Resp: 303088
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 53.7 43.0 64.4



#71
Bromoform
Concen: 44.386 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:173 Resp: 69670
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.1 0.1 0.1#



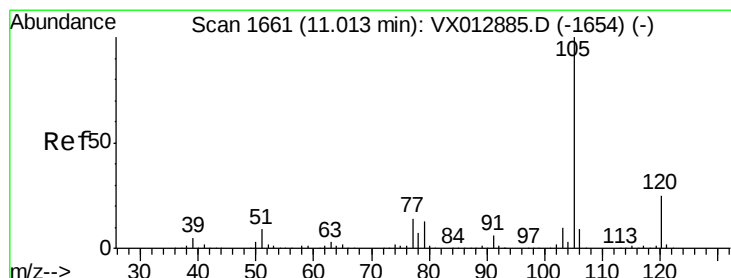
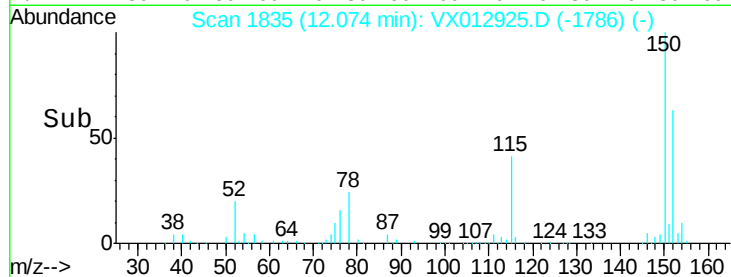
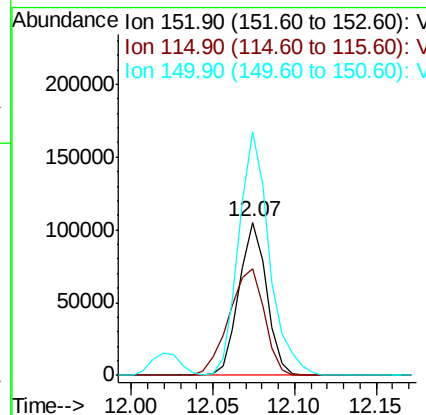
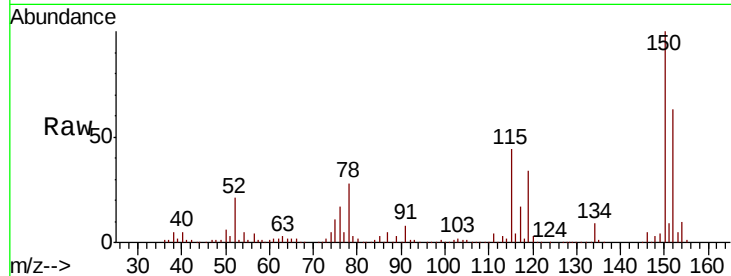


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Instrument :
MSVOA_X
ClientSampled :

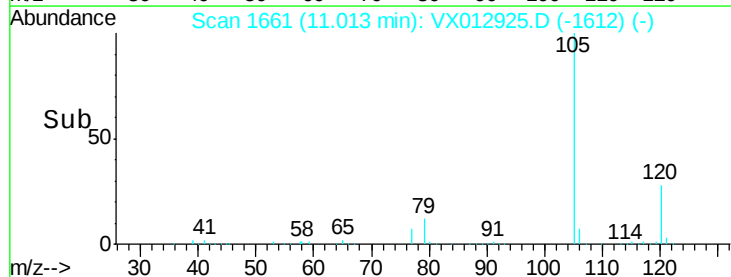
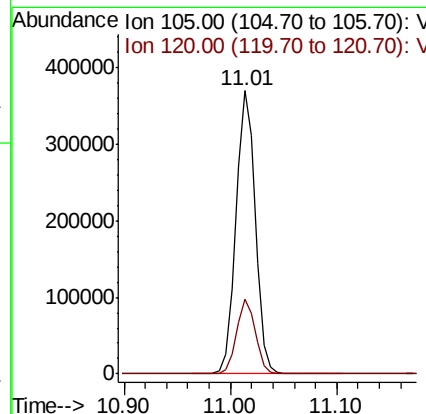
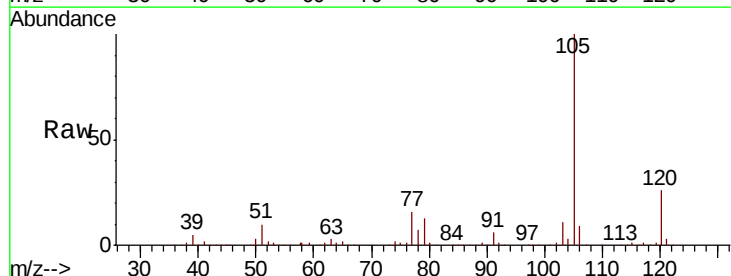
Tot Ion	Ratio	Lower	Upper
152	100		
115	89.5	44.5	133.5
150	176.1	0.0	353.4

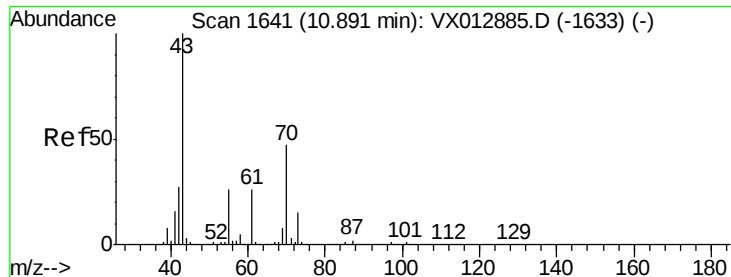


#73

Isopropylbenzene
Concen: 51.530 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	39.0





#74

N-amvl acetate

Concen: 47.342 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

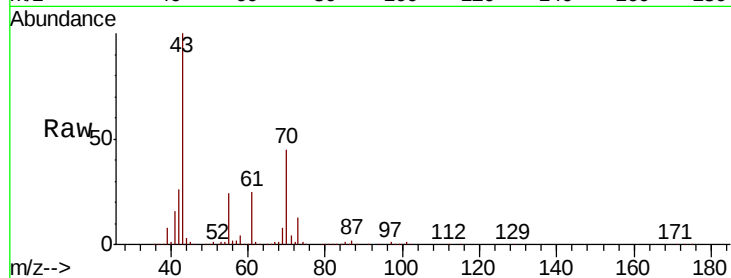
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 186216

Ion	Ratio	Lower	Upper
43	100		
70	44.3	36.4	54.6
55	24.8	20.2	30.2
61	25.3	20.5	30.7

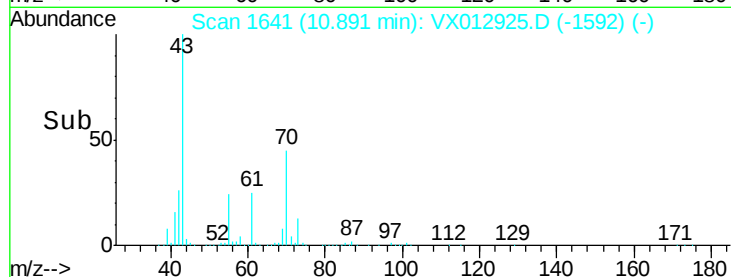


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



Time-->

10.89

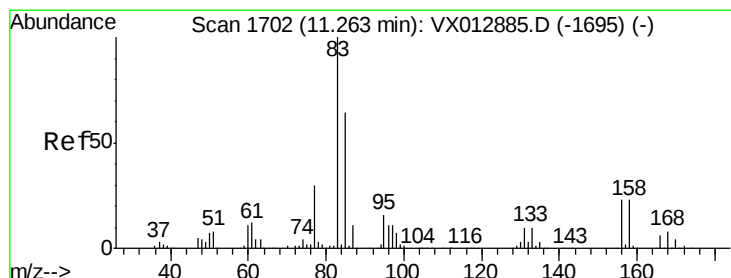
150000

100000

50000

0

10.80 10.90 11.00



#75

1,1,2,2-Tetrachloroethane

Concen: 51.140 ug/l

RT: 11.26 min Scan# 1702

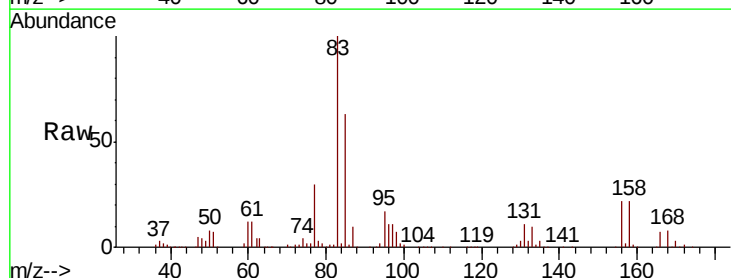
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion: 83 Resp: 155348

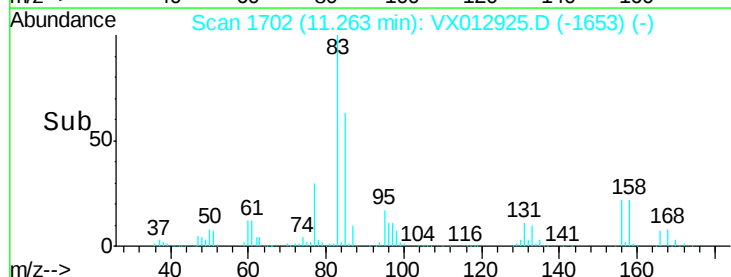
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	63.5	32.1	96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->

11.26

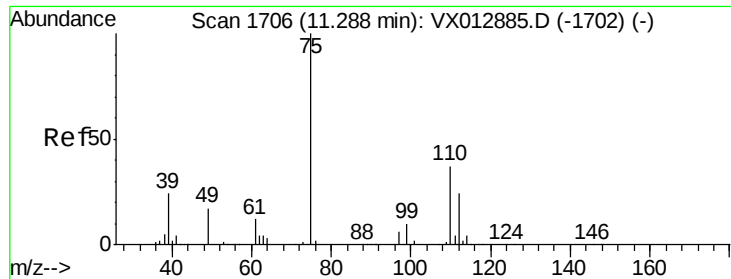
150000

100000

50000

0

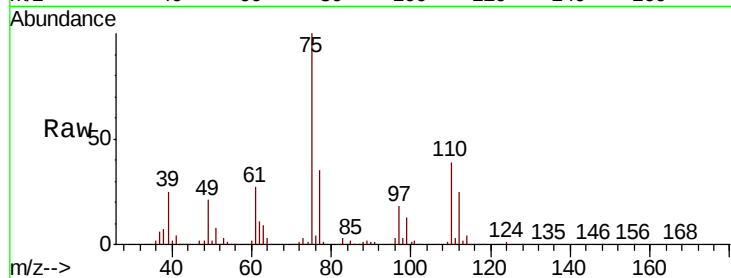
11.20 11.30



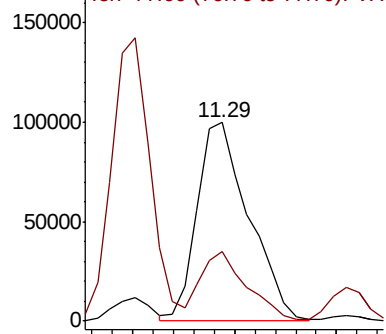
#76
 1,2,3-Trichloropropane
 Concen: 63.617 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :

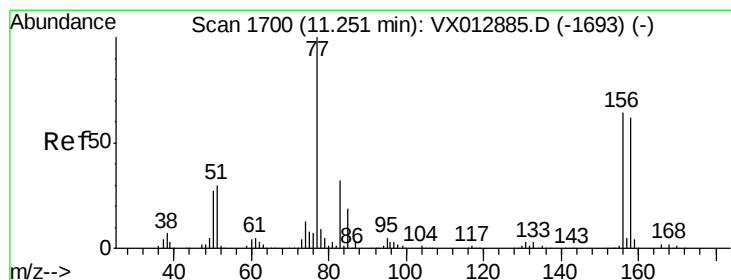
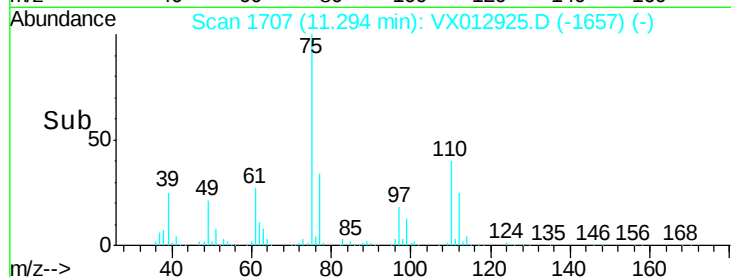
Tot Ion: 75 Resp: 175282
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0

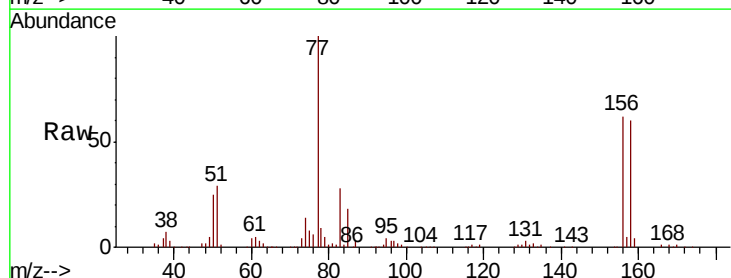


Time-->

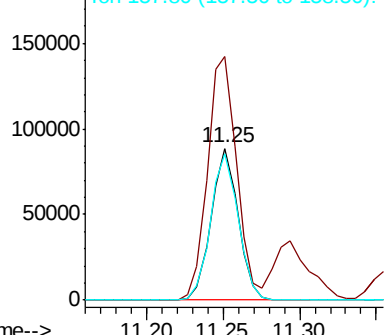


#77
 Bromobenzene
 Concen: 50.388 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

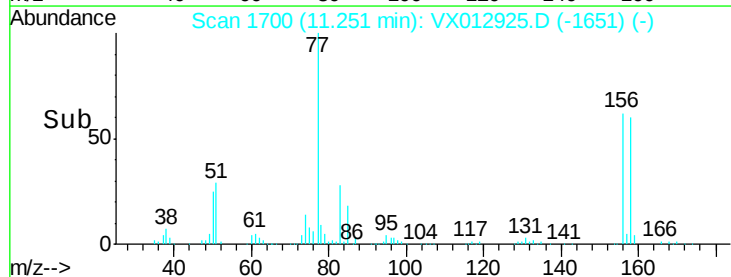
Tgt Ion: 156 Resp: 108445
 Ion Ratio Lower Upper
 156 100
 77 173.4 83.7 251.0
 158 98.5 48.6 145.9

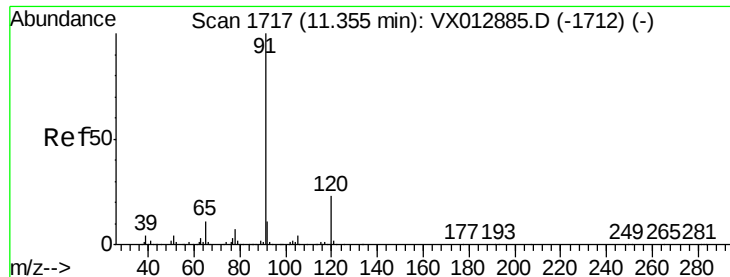


Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 51.479 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

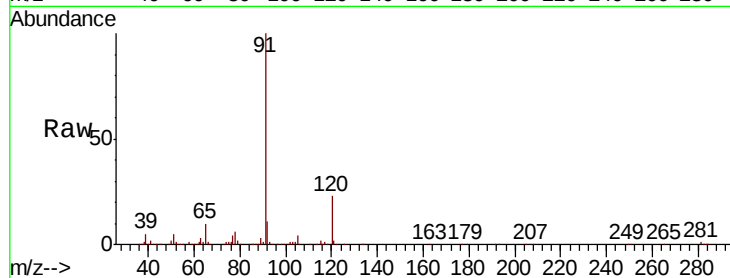
ClientSampled :

Tot Ion: 91 Resp: 517350

Ion Ratio Lower Upper

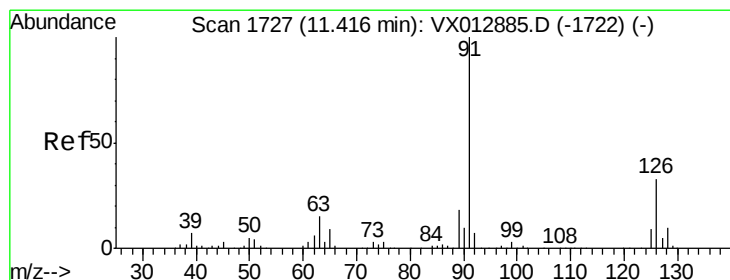
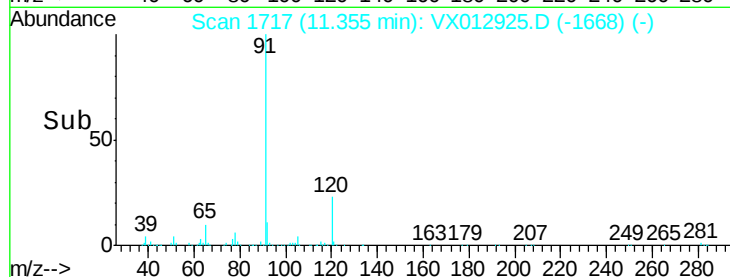
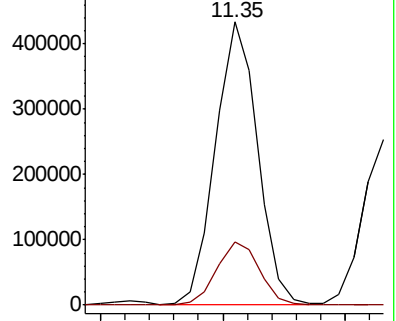
91 100

120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.333 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012925.D

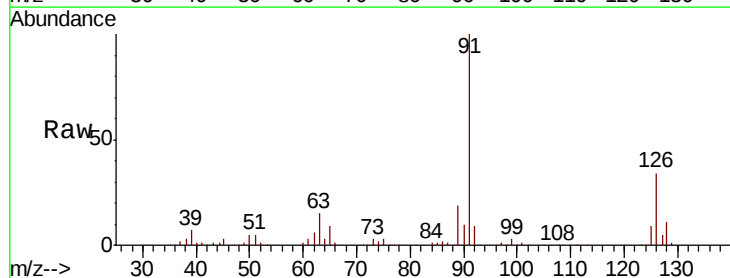
Acq: 09 Oct 2019 06:15

Tgt Ion: 91 Resp: 317901

Ion Ratio Lower Upper

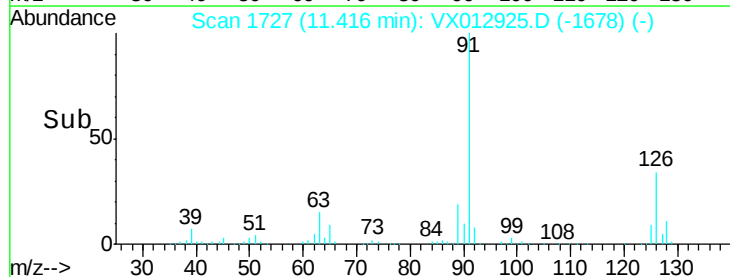
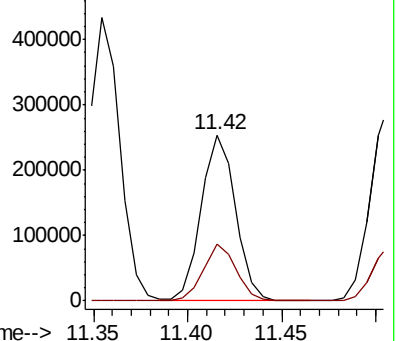
91 100

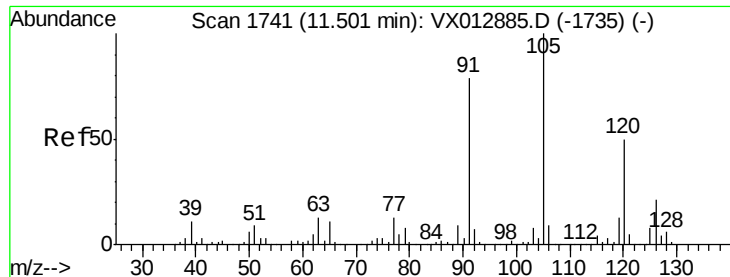
126 33.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

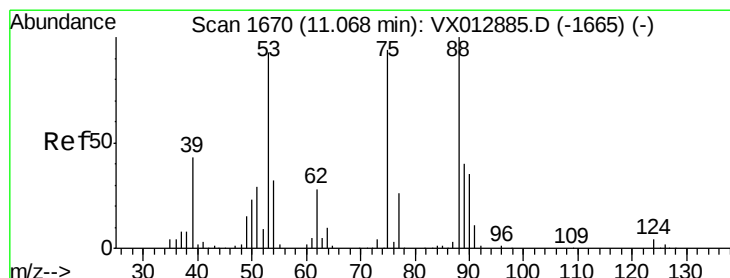
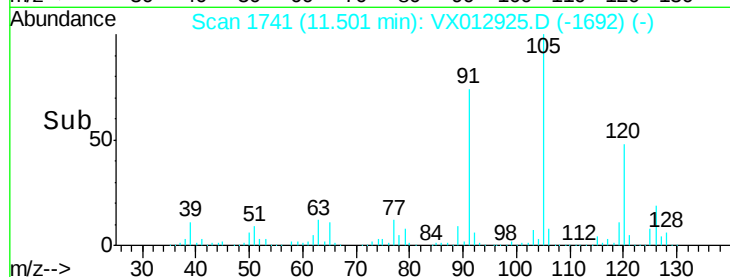
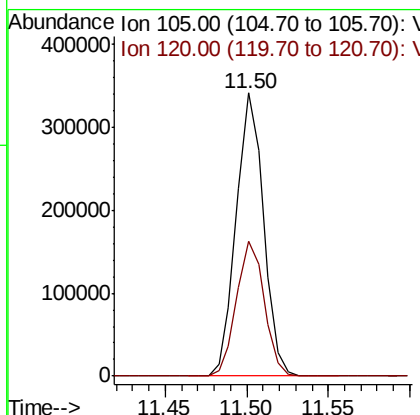
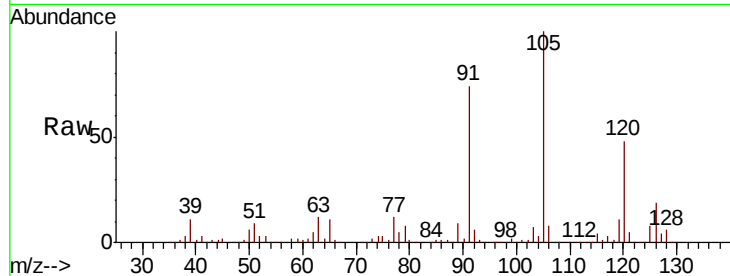




#80
 1,3,5-Trimethylbenzene
 Concen: 52.351 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

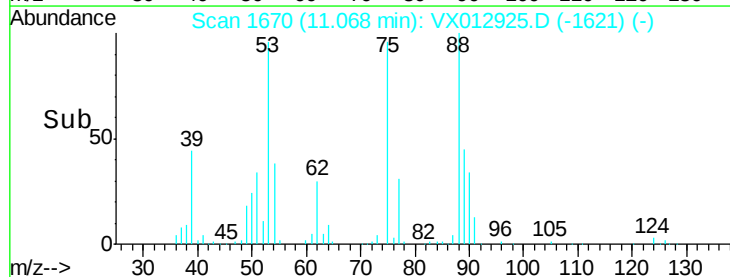
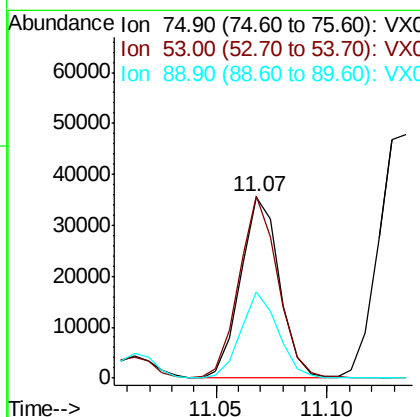
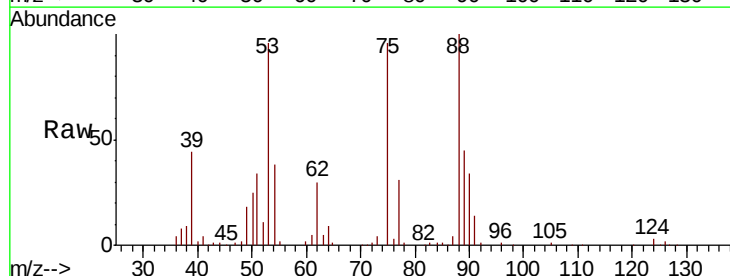
Instrument :
 MSVOA_X
 ClientSampleId :

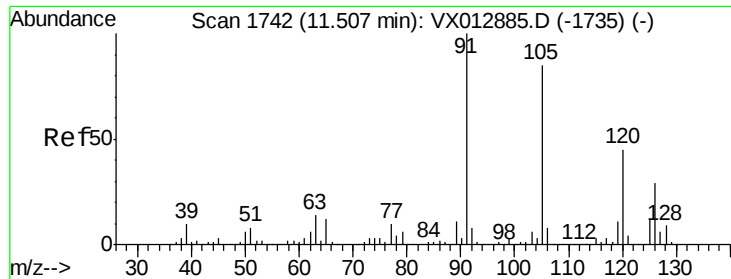
Tot Ion:105 Resp: 399237
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.123 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion: 75 Resp: 43216
 Ion Ratio Lower Upper
 75 100
 53 101.0 78.5 117.7
 89 45.7 37.4 56.2

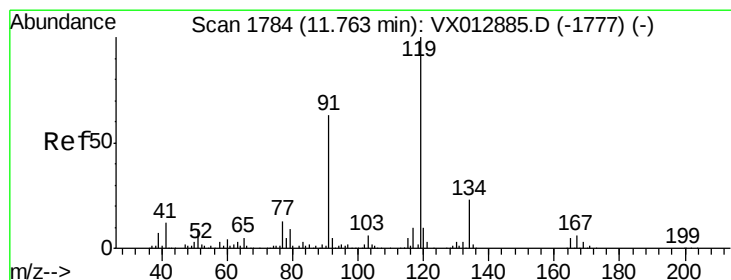
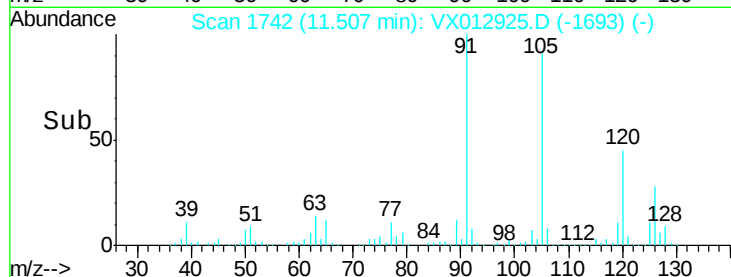
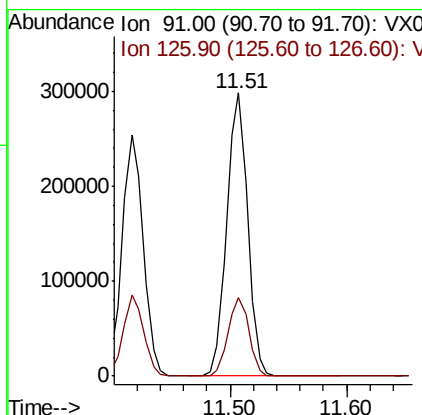
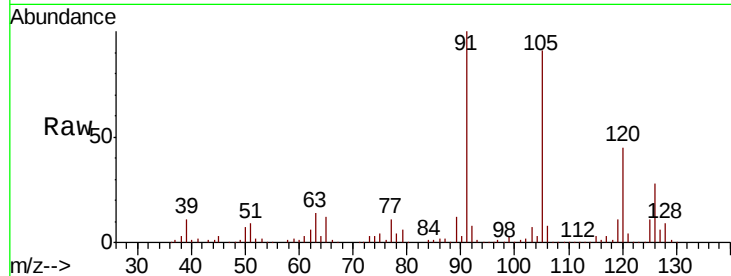




#82
4-Chlorotoluene
Concen: 51.429 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

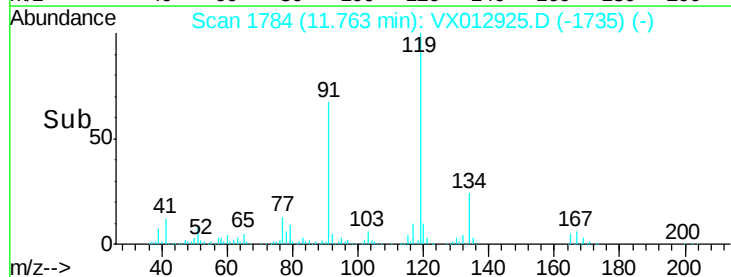
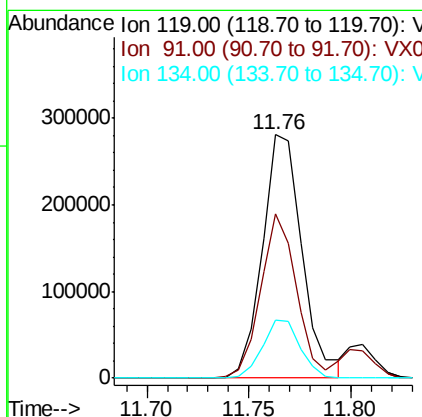
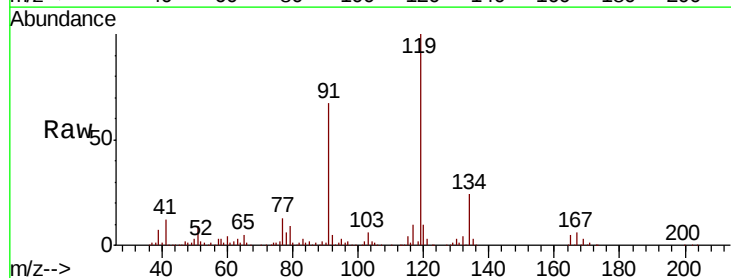
Instrument :
MSVOA_X
ClientSampleId :

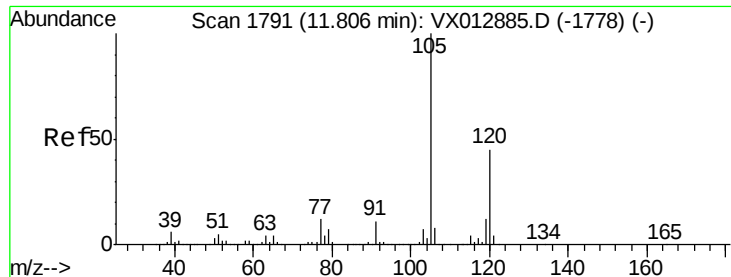
Tot Ion: 91 Resp: 372314
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.188 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion: 119 Resp: 380798
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.9
134 22.8 11.5 34.4

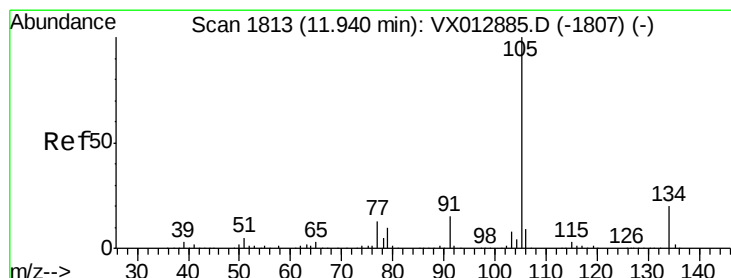
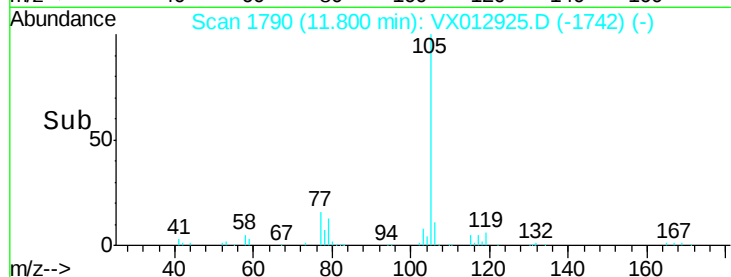
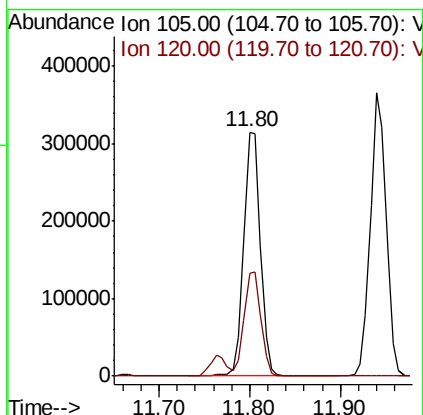
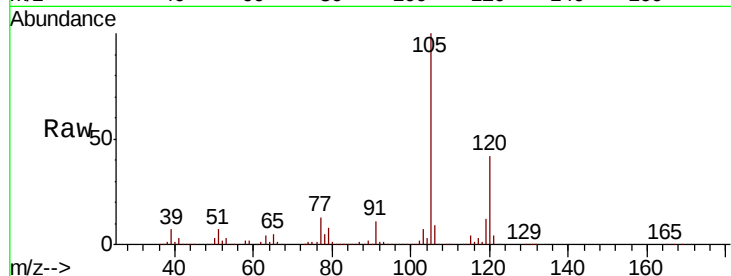




#84
1,2,4-Trimethylbenzene
Concen: 51.960 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

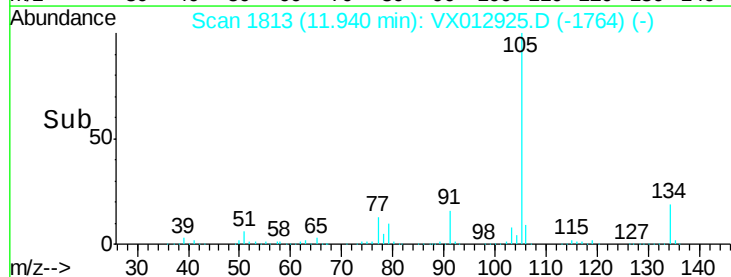
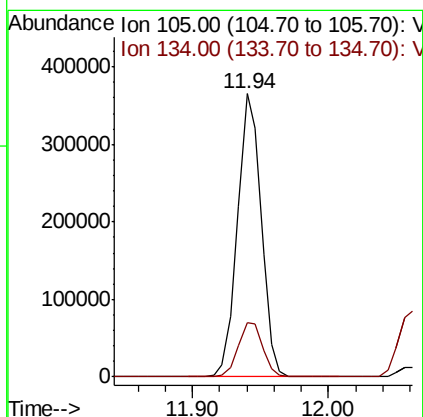
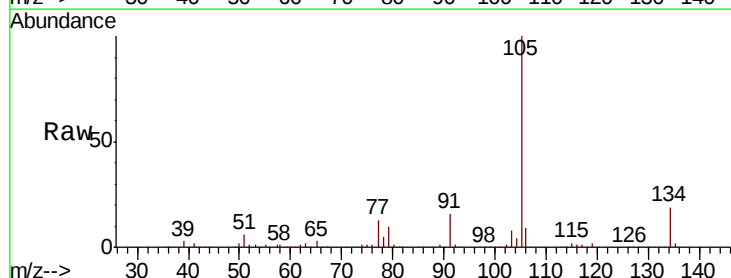
Instrument :
MSVOA_X
ClientSampleId :

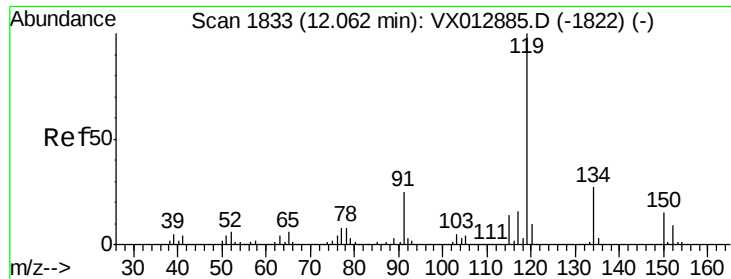
Tot Ion:105 Resp: 401314
Ion Ratio Lower Upper
105 100
120 43.0 21.8 65.3



#85
sec-Butylbenzene
Concen: 51.426 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:105 Resp: 443223
Ion Ratio Lower Upper
105 100
134 19.7 10.0 30.0

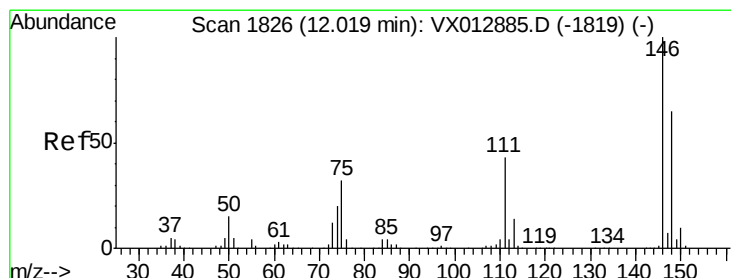
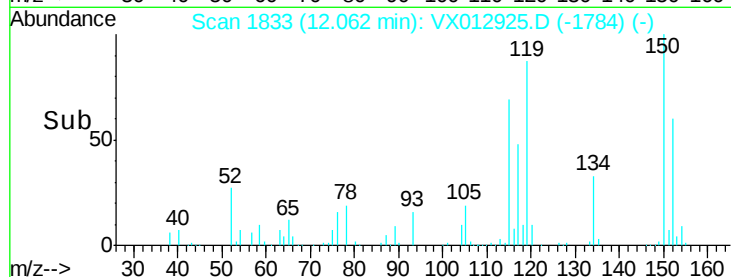
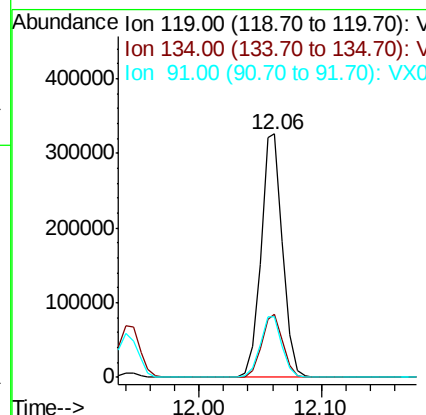
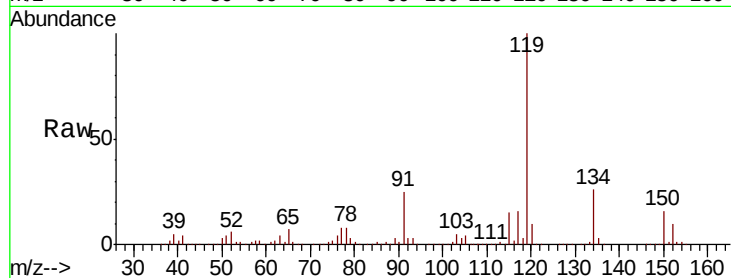




#86
 p-Isopropyltoluene
 Concen: 50.287 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

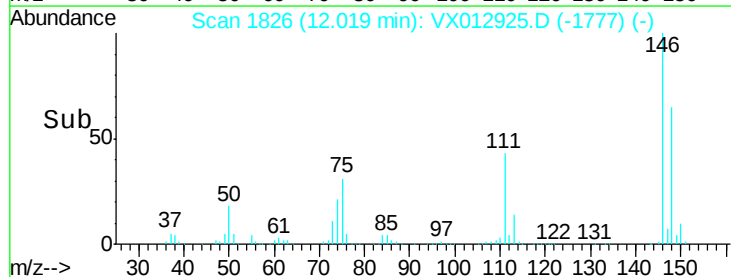
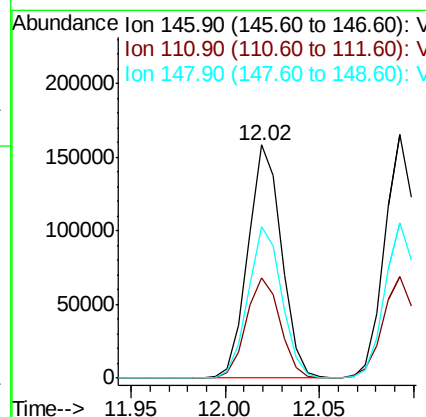
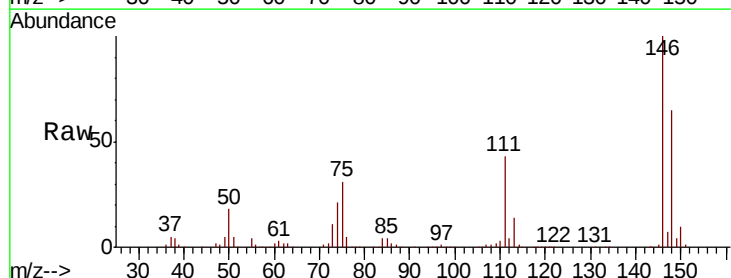
Instrument :
 MSVOA_X
 ClientSampleId :

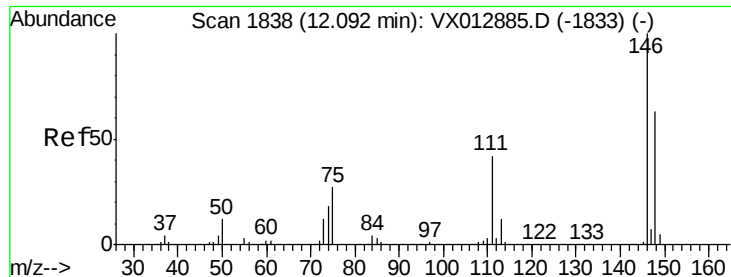
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.8
91	25.4	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 48.921 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	65.0	31.6	95.0





#88

1,4-Dichlorobenzene

Concen: 48.028 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

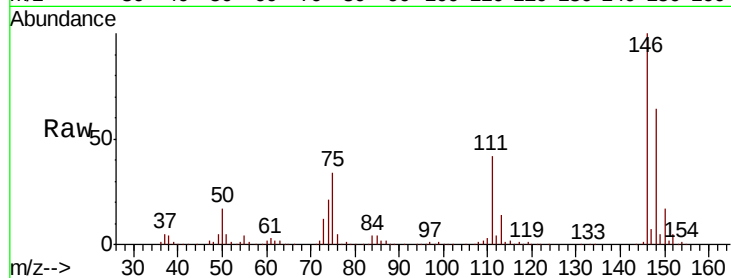
Tot Ion:146 Resp: 194400

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.3

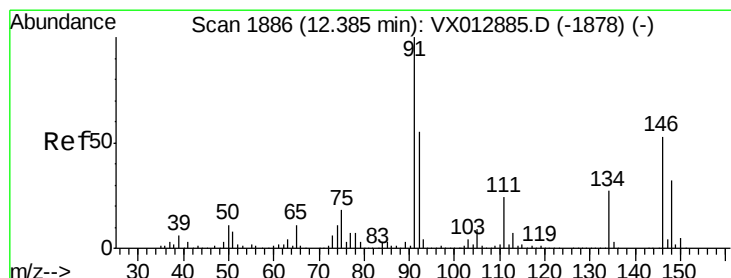
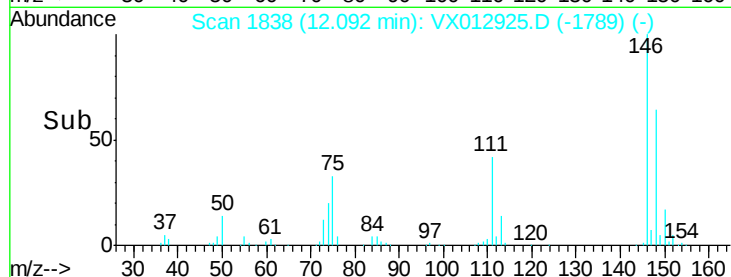
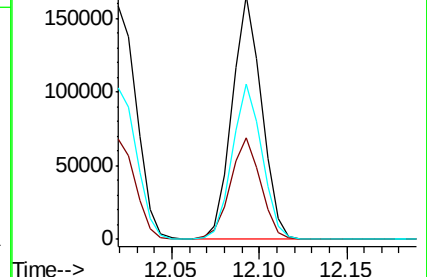
148 64.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.895 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

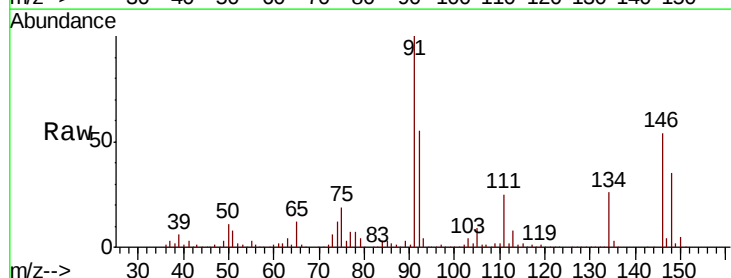
Tgt Ion: 91 Resp: 335197

Ion Ratio Lower Upper

91 100

92 55.2 27.5 82.5

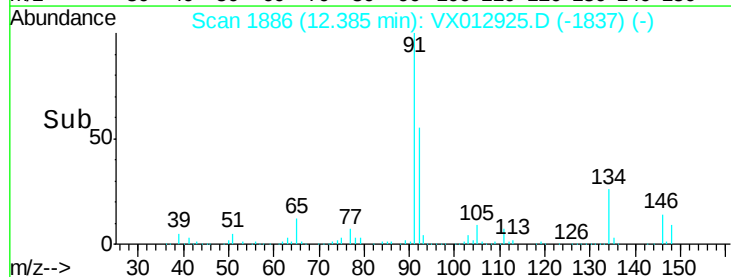
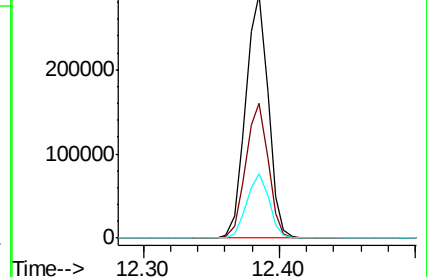
134 25.9 12.9 38.7

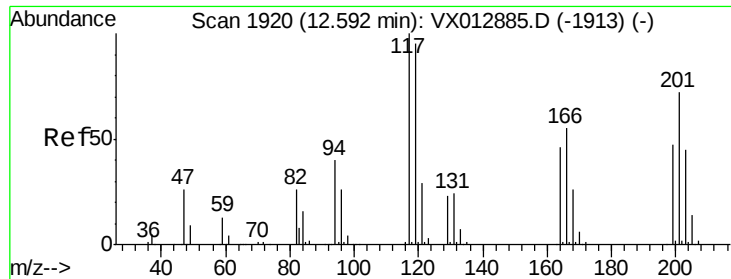


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

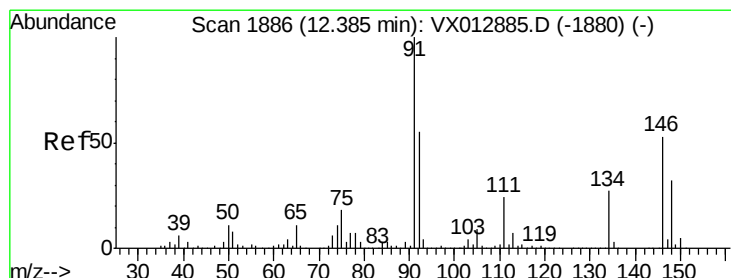
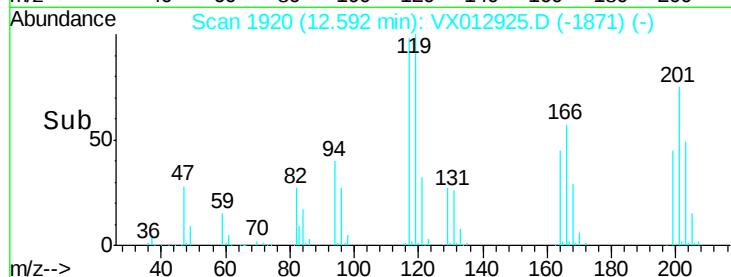
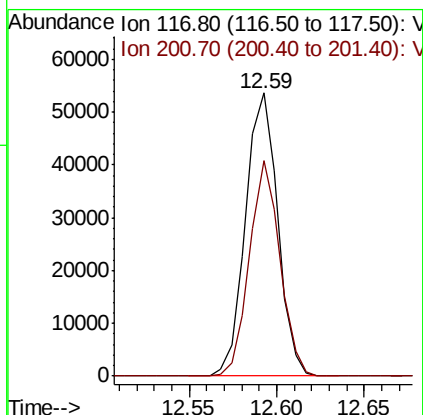
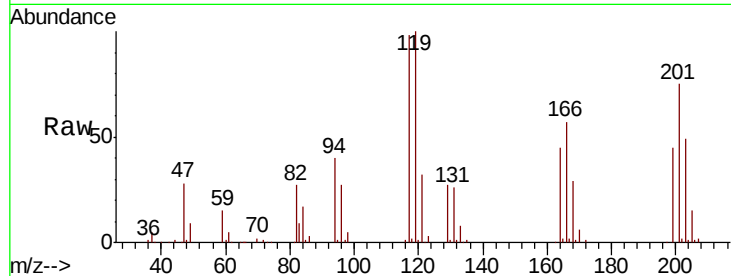




#90
Hexachloroethane
Concen: 46.527 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

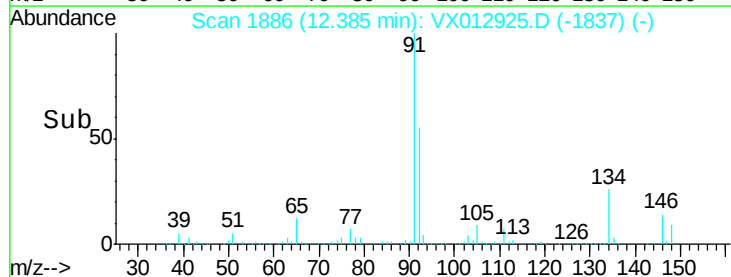
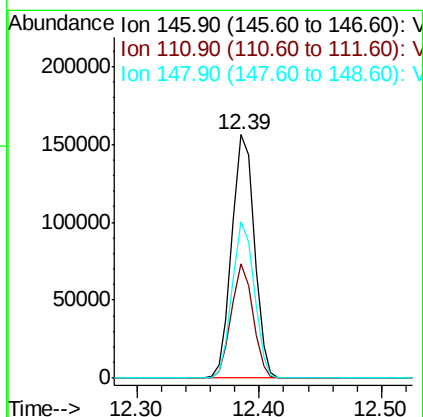
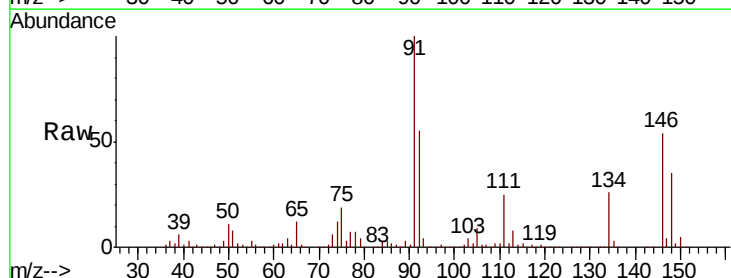
Instrument :
MSVOA_X
ClientSampleId :

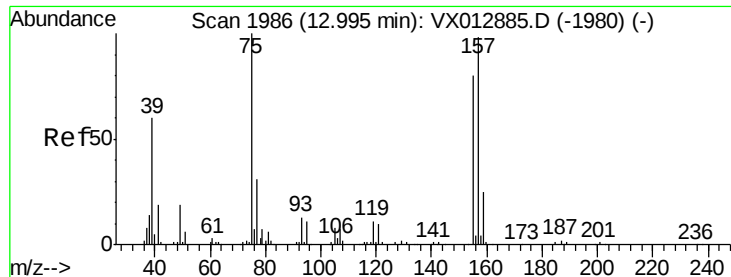
Tot Ion:117 Resp: 68655
Ion Ratio Lower Upper
117 100
201 72.3 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 50.656 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012925.D
Acq: 09 Oct 2019 06:15

Tgt Ion:146 Resp: 198477
Ion Ratio Lower Upper
146 100
111 44.9 22.7 68.0
148 63.1 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.499 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

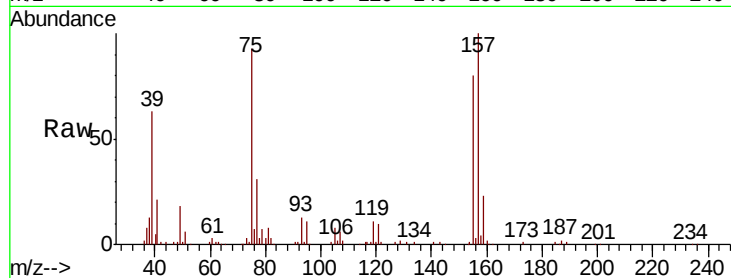
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 36666

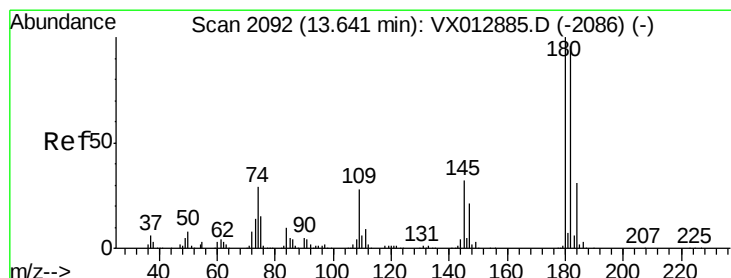
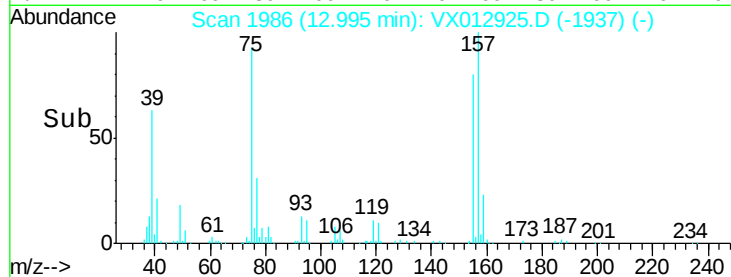
Ion	Ratio	Lower	Upper
75	100		
155	85.2	43.0	128.8
157	108.1	54.1	162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.603 ug/l

RT: 13.64 min Scan# 2092

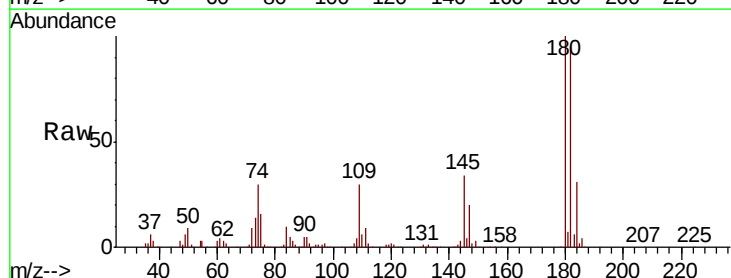
Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Tgt Ion:180 Resp: 119293

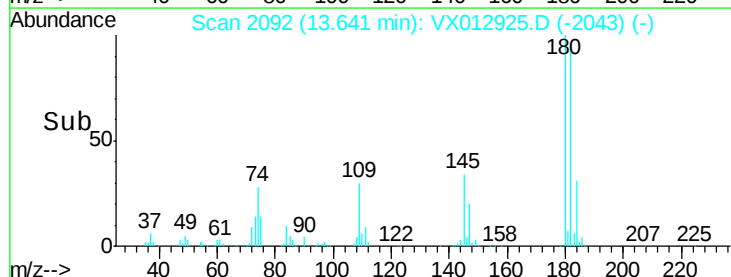
Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.8	140.4
145	33.1	16.2	48.6

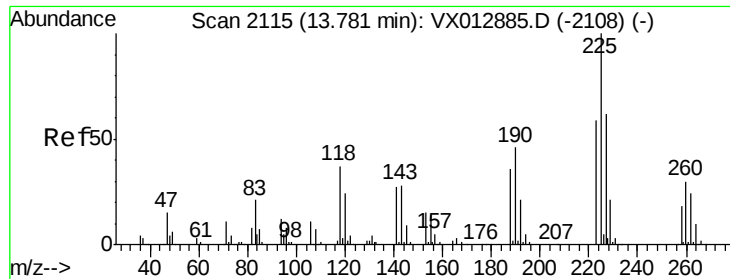


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.926 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

Instrument :

MSVOA_X

ClientSampled :

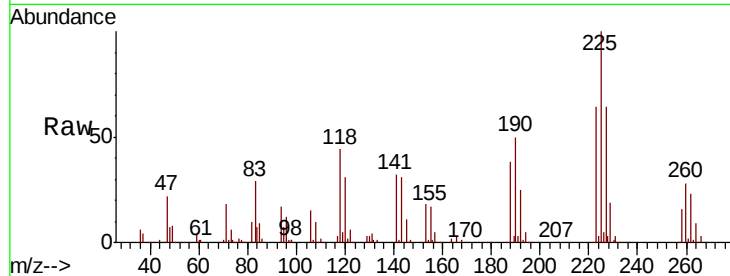
Tot Ion:225 Resp: 53154

Ion Ratio Lower Upper

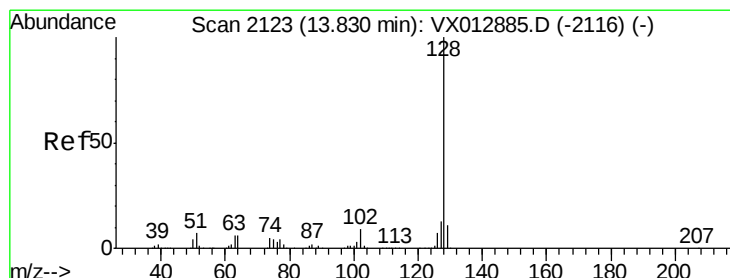
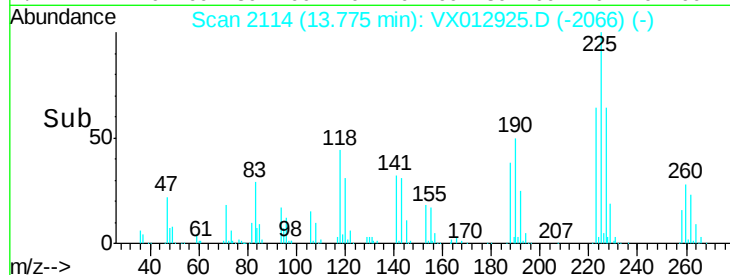
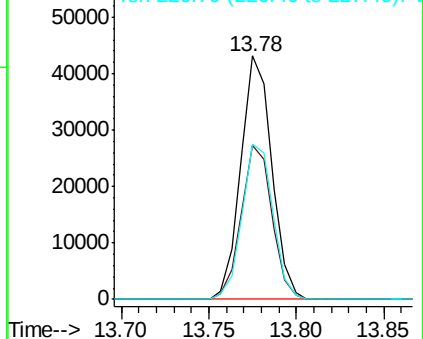
225 100

223 62.8 31.1 93.2

227 63.5 32.3 96.9



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



#95

Naphthalene

Concen: 50.712 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012925.D

Acq: 09 Oct 2019 06:15

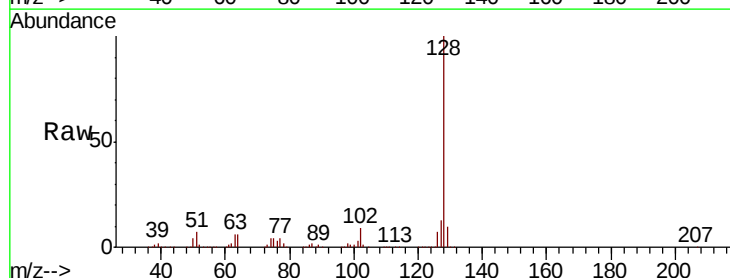
Tgt Ion:128 Resp: 431471

Ion Ratio Lower Upper

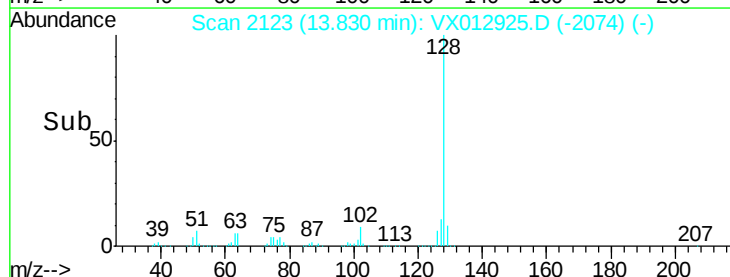
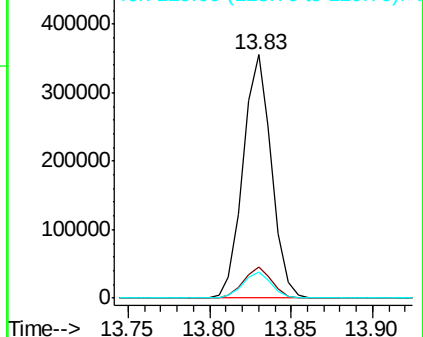
128 100

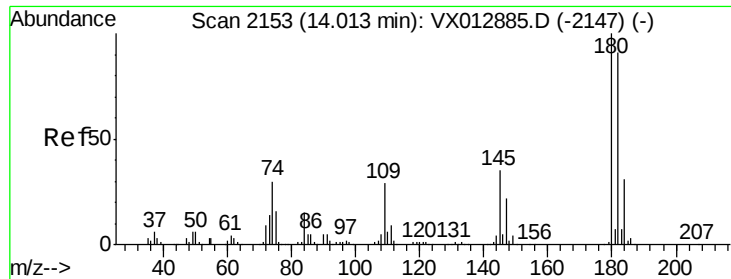
127 12.6 10.2 15.4

129 10.5 8.8 13.2



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

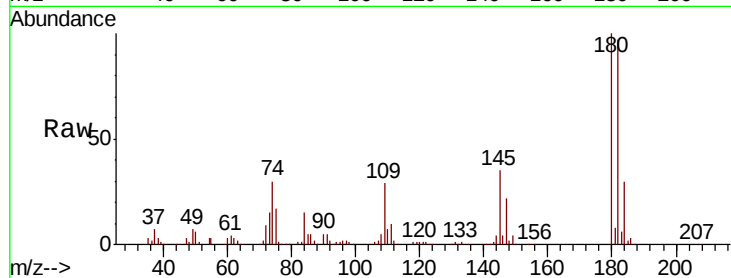




#96
 1,2,3-Trichlorobenzene
 Concen: 48.304 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012925.D
 Acq: 09 Oct 2019 06:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	180	Resp:	122518
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.5
145	35.3	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

