

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012954.D
 Acq On : 09 Oct 2019 19:38
 Operator : JC/SP
 Sample : K5234-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 01:40:33 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	163374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108261	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	5.49	113	86947	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
50) Toluene-d8	8.71	98	325889	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.14	95	125272	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	88965	53.423	ug/l	99
3) Chloromethane	1.32	50	96763	53.390	ug/l	96
4) Vinyl Chloride	1.40	62	97406	52.071	ug/l	98
5) Bromomethane	1.63	94	35900	46.167	ug/l	96
6) Chloroethane	1.71	64	60315	52.765	ug/l	100
7) Trichlorofluoromethane	1.92	101	137542	54.476	ug/l	100
8) Diethyl Ether	2.18	74	54805	53.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87394	53.483	ug/l	97
10) Methyl Iodide	2.50	142	93397	50.406	ug/l	98
11) Tert butyl alcohol	3.03	59	131852	243.581	ug/l	100
12) 1,1-Dichloroethene	2.36	96	86105	52.154	ug/l	99
13) Acrolein	2.28	56	85431	222.081	ug/l	99
14) Allyl chloride	2.72	41	157044	53.414	ug/l	99
15) Acrylonitrile	3.13	53	277073	270.100	ug/l	99
16) Acetone	2.43	43	232425	215.944	ug/l	100
17) Carbon Disulfide	2.56	76	236132	50.160	ug/l	98
18) Methyl Acetate	2.76	43	122793	48.132	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	311711	54.673	ug/l	99
20) Methylene Chloride	2.84	84	101705	51.416	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	94435	53.367	ug/l	99
22) Diisopropyl ether	3.84	45	309564	54.947	ug/l	96
23) Vinyl Acetate	3.80	43	1252667	257.560	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173936	54.878	ug/l	98
25) 2-Butanone	4.65	43	378828	253.694	ug/l	98
26) 2,2-Dichloropropane	4.57	77	122703	46.038	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	110307	54.079	ug/l	98
28) Bromochloromethane	5.00	49	52022	54.966	ug/l	99
29) Tetrahydrofuran	5.11	42	248142	270.045	ug/l	100
30) Chloroform	5.20	83	173881	53.466	ug/l	99
31) Cyclohexane	5.57	56	155363	52.422	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153585	55.736	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129747	52.519	ug/l	99
37) Ethyl Acetate	4.82	43	137721	49.855	ug/l	100
38) Carbon Tetrachloride	5.78	117	129294	53.769	ug/l	98

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 ClientSampleId :

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 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)
39) Methylcyclohexane	7.45	83	156617	52.275	ug/l	98
40) Benzene	6.14	78	391073	53.597	ug/l	100
41) Methacrylonitrile	5.03	41	79292	52.237	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140956	53.837	ug/l	99
43) Isopropyl Acetate	6.43	43	228419	51.517	ug/l	99
44) Trichloroethene	7.20	130	100598	49.719	ug/l	89
45) 1,2-Dichloropropane	7.51	63	100072	53.812	ug/l	98
46) Dibromomethane	7.65	93	67541	54.512	ug/l	100
47) Bromodichloromethane	7.89	83	133722	55.304	ug/l	100
48) Methyl methacrylate	7.76	41	115434	53.426	ug/l	99
49) 1,4-Dioxane	7.73	88	58383	1006.669	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	738819	267.263	ug/l	100
52) Toluene	8.78	92	250456	53.654	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	142581	47.371	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	156804	52.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99471	53.846	ug/l	98
56) Ethyl methacrylate	9.17	69	163596	49.475	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170096	53.229	ug/l	99
59) 2-Hexanone	9.48	43	570005	264.885	ug/l	99
60) Dibromochloromethane	9.58	129	100907	49.119	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104251	53.646	ug/l	99
64) Tetrachloroethene	9.33	164	88474	50.405	ug/l	93
65) Chlorobenzene	10.14	112	260657	51.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94501	54.234	ug/l	99
67) Ethyl Benzene	10.25	91	475272	53.241	ug/l	100
68) m/p-Xylenes	10.36	106	357997	107.349	ug/l	100
69) o-Xylene	10.70	106	173773	53.434	ug/l	100
70) Stvrene	10.71	104	300532	54.359	ug/l	100
71) Bromoform	10.85	173	67354	45.664	ug/l #	99
73) Isopropylbenzene	11.01	105	464176	53.463	ug/l	99
74) N-amyl acetate	10.89	43	189052	50.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	153790	53.257	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	174564	66.647	ug/l	78
77) Bromobenzene	11.25	156	107152	52.373	ug/l	98
78) n-propylbenzene	11.35	91	517338	54.151	ug/l	99
79) 2-Chlorotoluene	11.42	91	320829	53.435	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	401751	55.417	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45560	45.160	ug/l	99
82) 4-Chlorotoluene	11.51	91	371678	54.008	ug/l	99
83) tert-Butylbenzene	11.76	119	380782	53.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	396742	54.035	ug/l	99
85) sec-Butylbenzene	11.94	105	441661	53.906	ug/l	99
86) p-Isopropyltoluene	12.06	119	404762	53.267	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199100	52.404	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195039	50.688	ug/l	100
89) n-Butylbenzene	12.39	91	338456	52.996	ug/l	100
90) Hexachloroethane	12.59	117	69130	49.157	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	193498	51.950	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35999	53.188	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	120867	51.802	ug/l	97

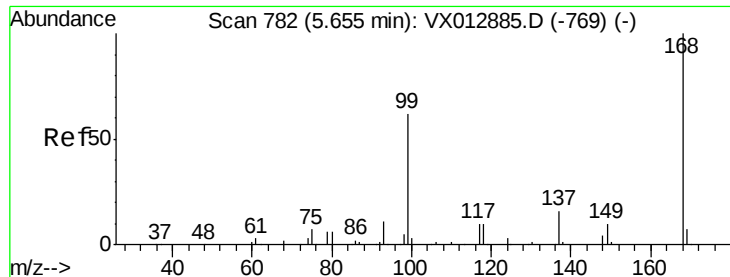
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51870	48.171	ug/l	98
95) Naphthalene	13.83	128	436212	53.932	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123019	51.021	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

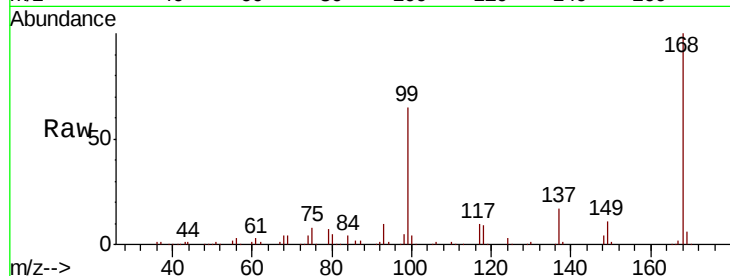
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 163374

Ion Ratio Lower Upper

168 100

99 65.3 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

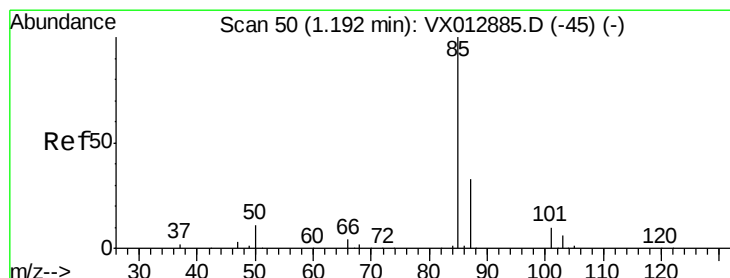
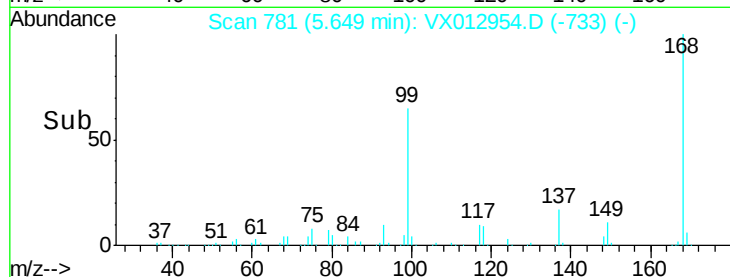
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.423 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012954.D

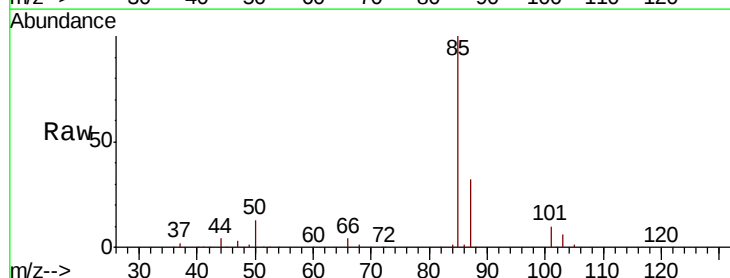
Acq: 09 Oct 2019 19:38

Tgt Ion: 85 Resp: 88965

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

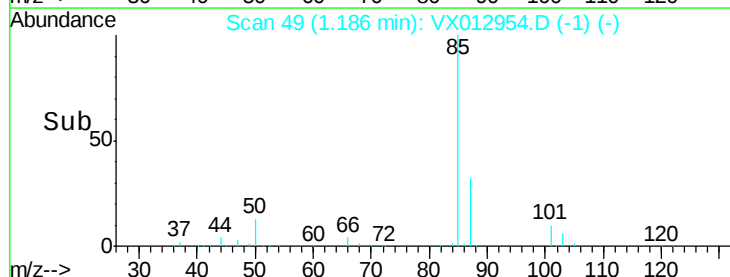
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.390 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

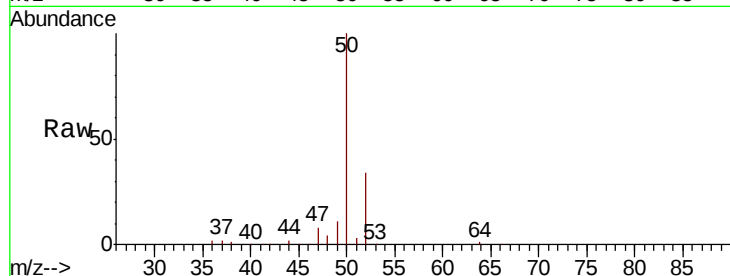
ClientSampleId :

Tot Ion: 50 Resp: 96763

Ion Ratio Lower Upper

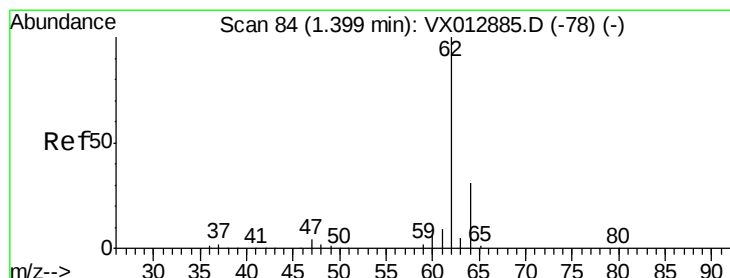
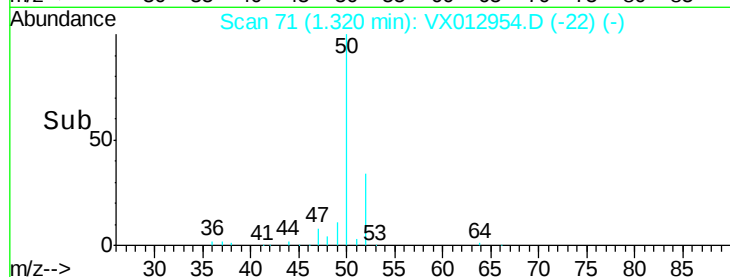
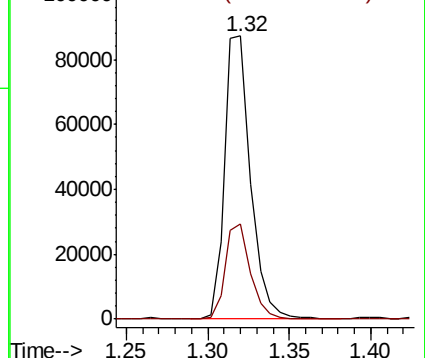
50 100

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



#4

Vinyl Chloride

Concen: 52.071 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012954.D

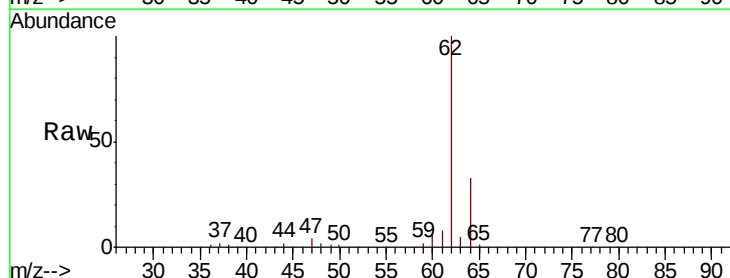
Acq: 09 Oct 2019 19:38

Tgt Ion: 62 Resp: 97406

Ion Ratio Lower Upper

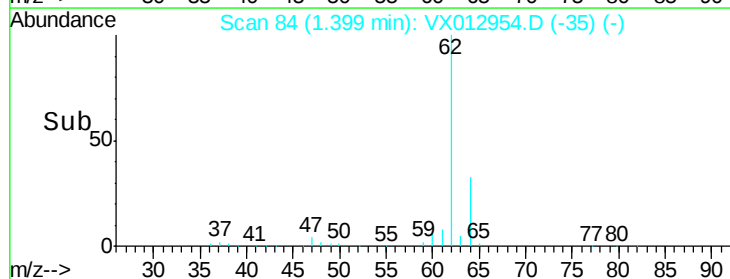
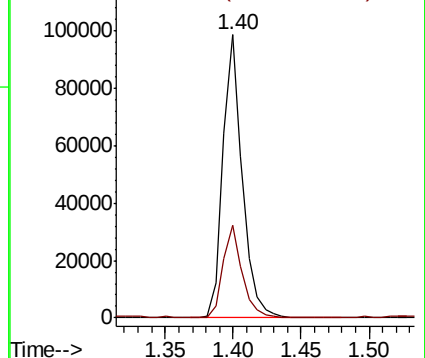
62 100

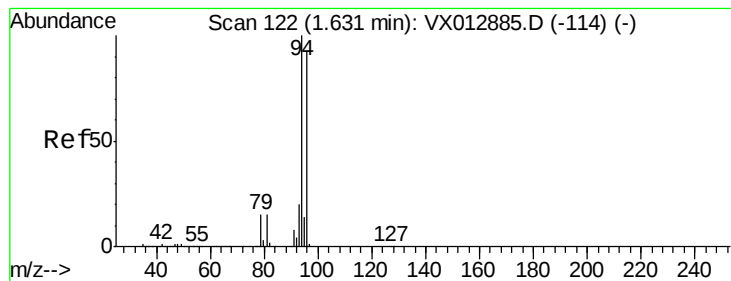
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.167 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

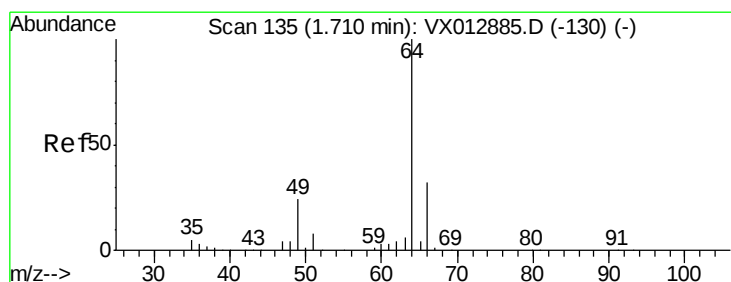
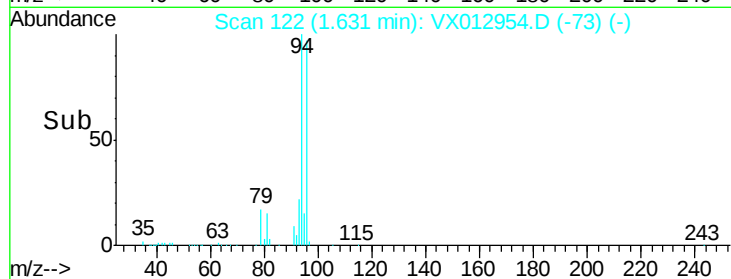
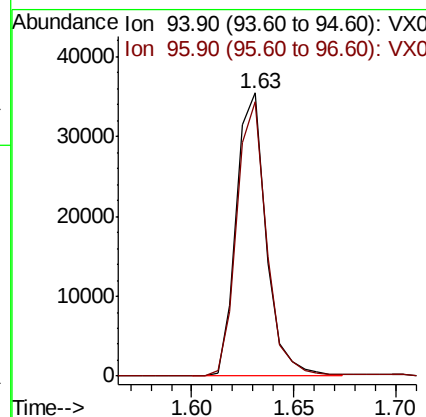
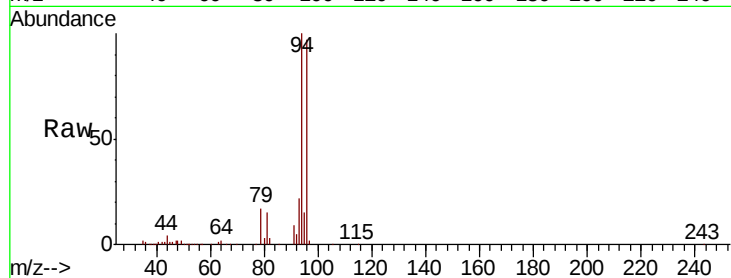
ClientSampleId :

Tot Ion: 94 Resp: 35900

Ion Ratio Lower Upper

94 100

96 97.1 74.7 112.1



#6

Chloroethane

Concen: 52.765 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012954.D

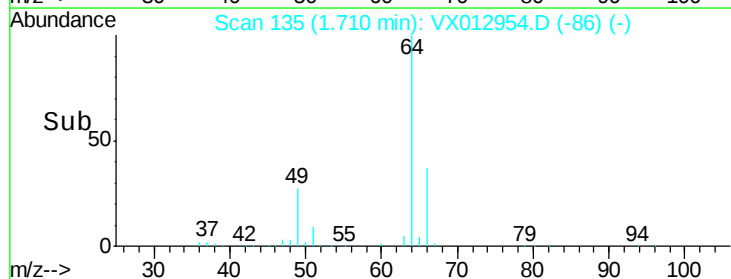
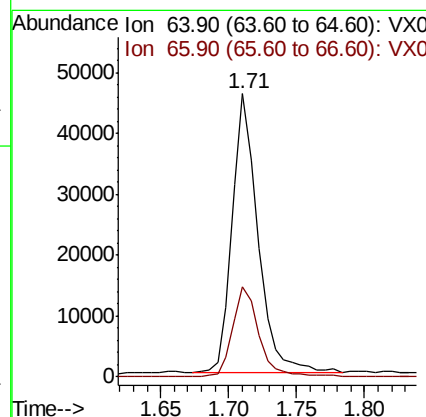
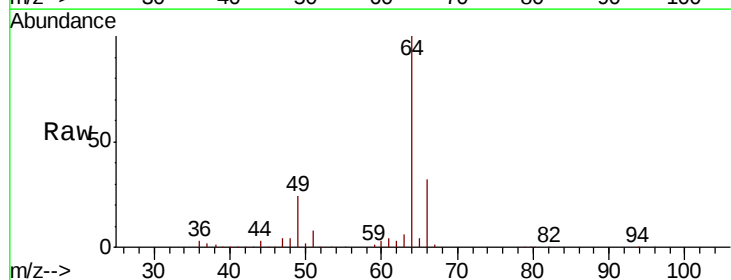
Acq: 09 Oct 2019 19:38

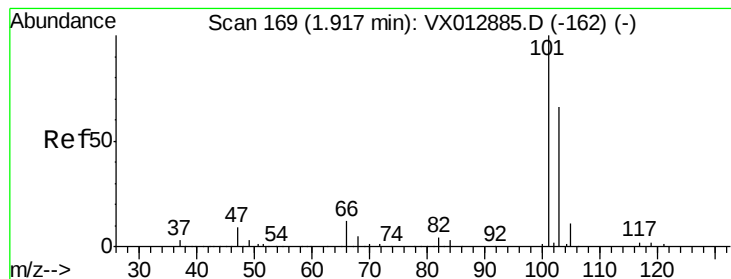
Tgt Ion: 64 Resp: 60315

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



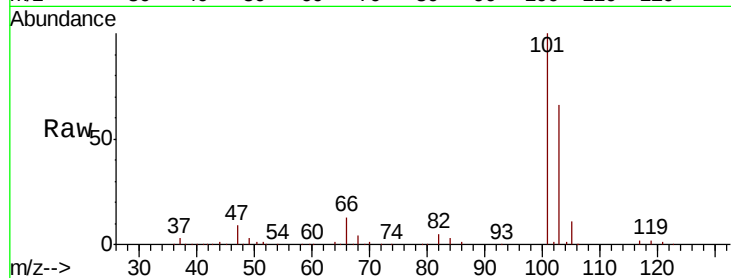


#7

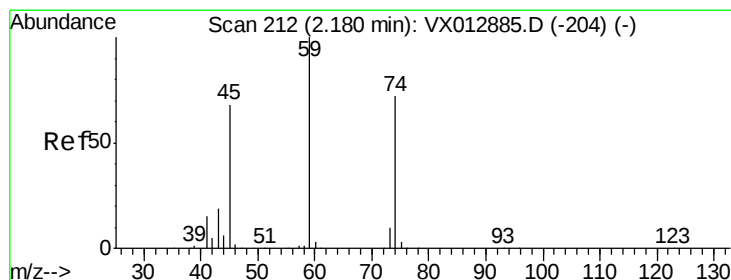
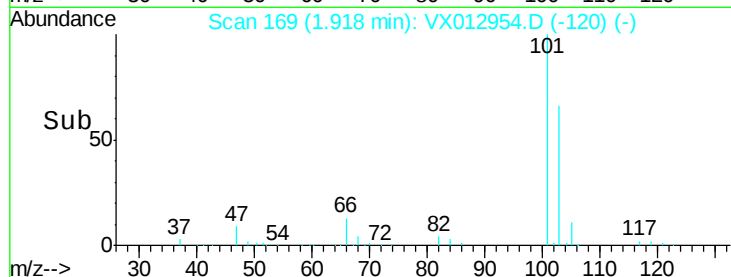
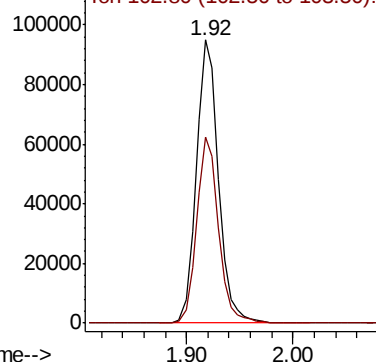
Trichlorofluoromethane
 Concen: 54.476 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:101 Resp: 137542
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7



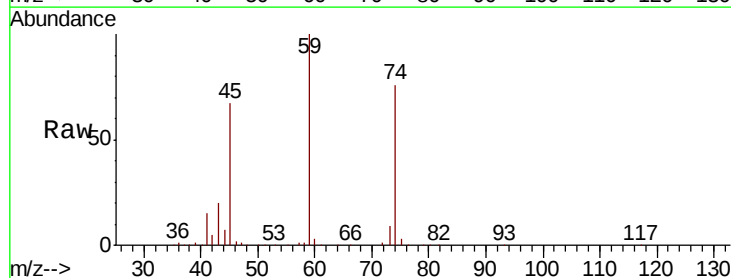
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



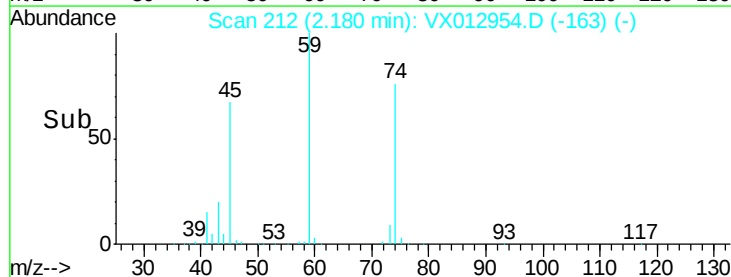
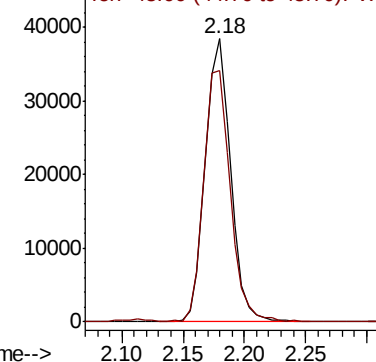
#8

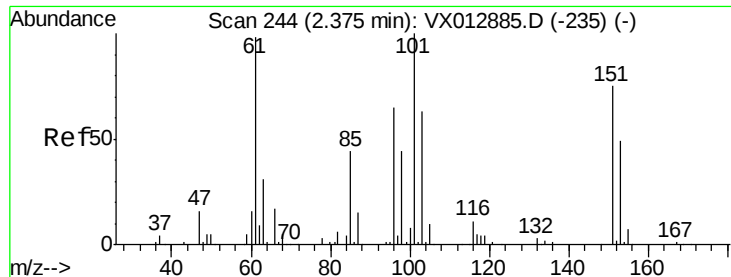
Diethyl Ether
 Concen: 53.777 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 74 Resp: 54805
 Ion Ratio Lower Upper
 74 100
 45 93.7 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: 53.483 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

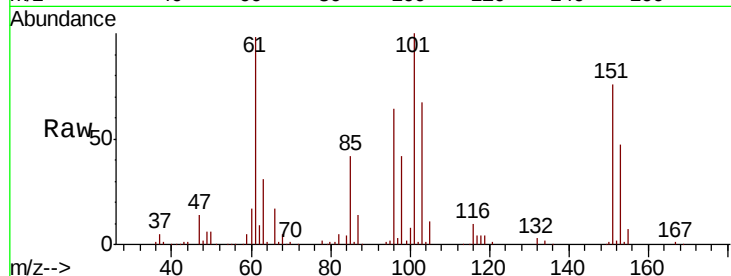
Tot Ion:101 Resp: 87394

Ion Ratio Lower Upper

101 100

85 42.3 35.2 52.8

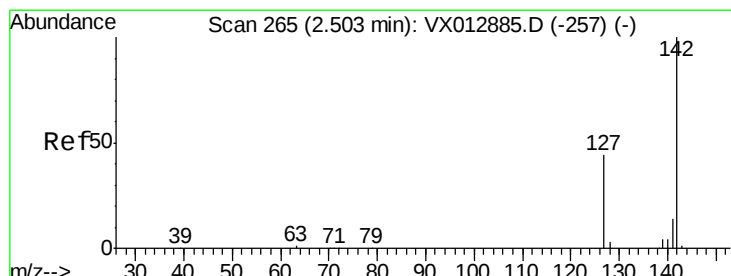
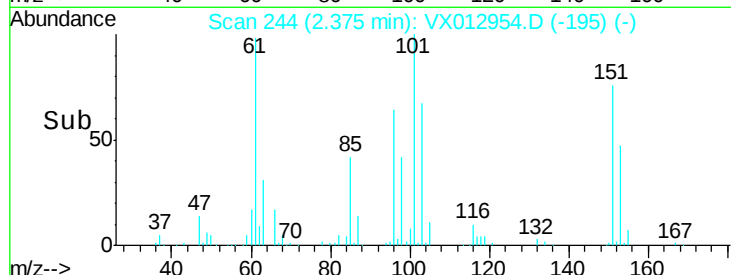
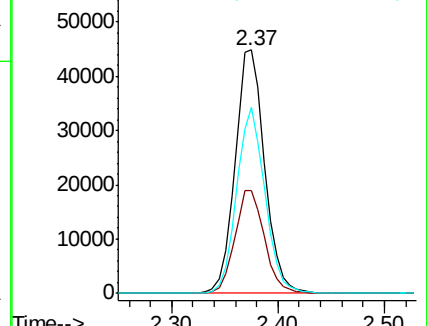
151 73.3 60.3 90.5



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: 50.406 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

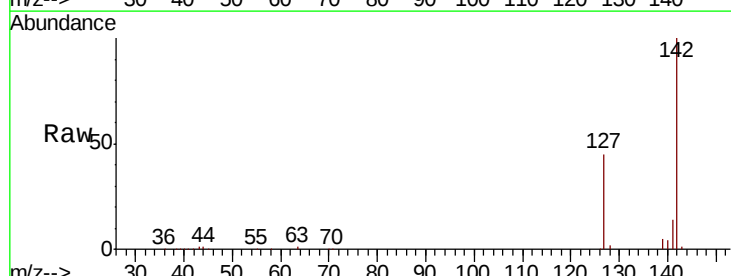
Tgt Ion:142 Resp: 93397

Ion Ratio Lower Upper

142 100

127 45.1 34.9 52.3

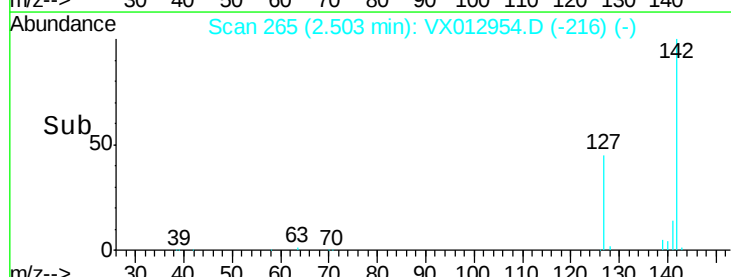
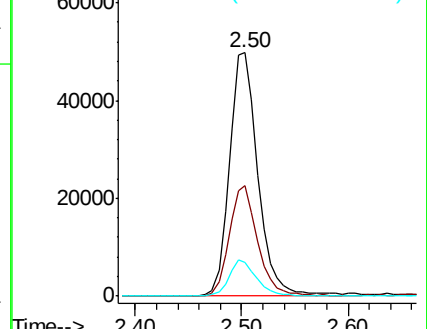
141 14.3 11.6 17.4

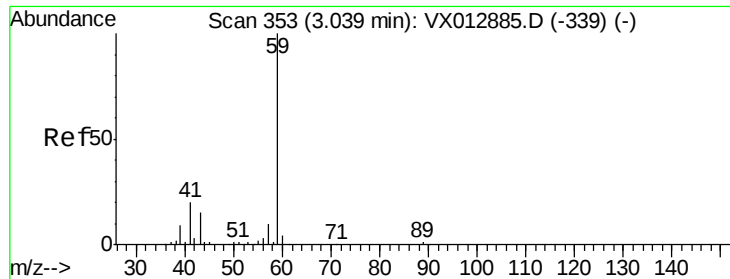


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

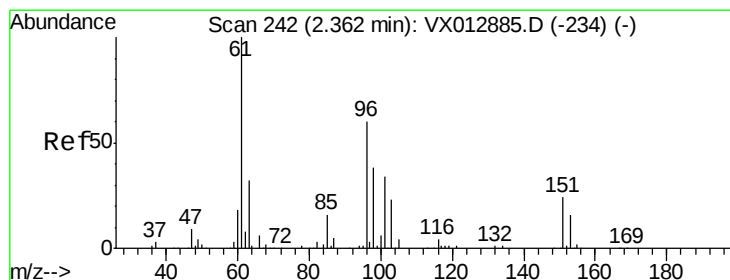
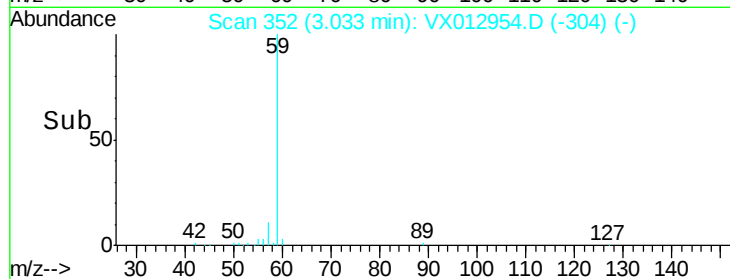
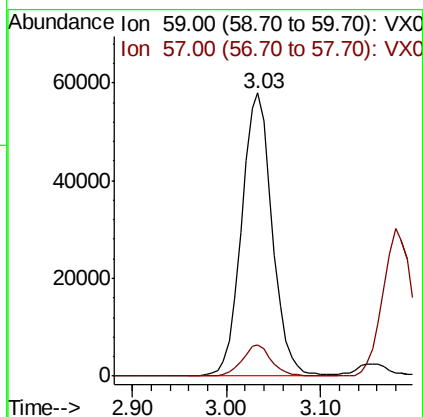
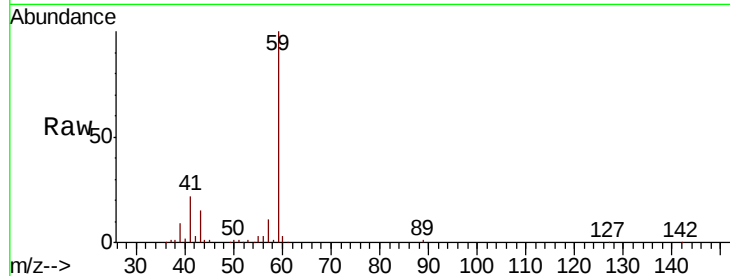




#11
Tert butyl alcohol
Concen: 243.581 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

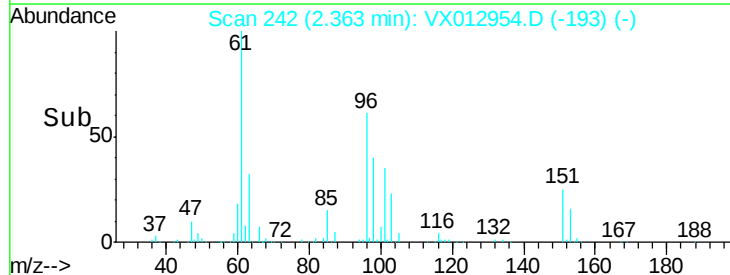
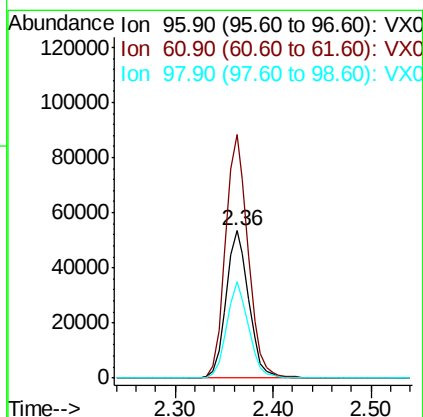
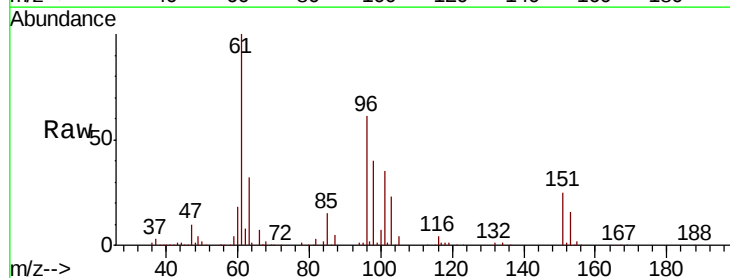
Instrument :
MSVOA_X
ClientSampleId :

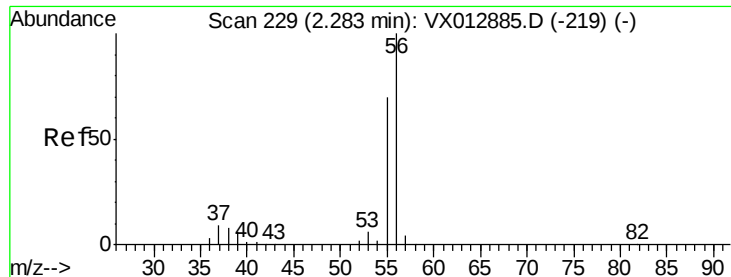
Tot Ion: 59 Resp: 131852
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.154 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 96 Resp: 86105
Ion Ratio Lower Upper
96 100
61 165.1 132.2 198.4
98 65.3 50.5 75.7

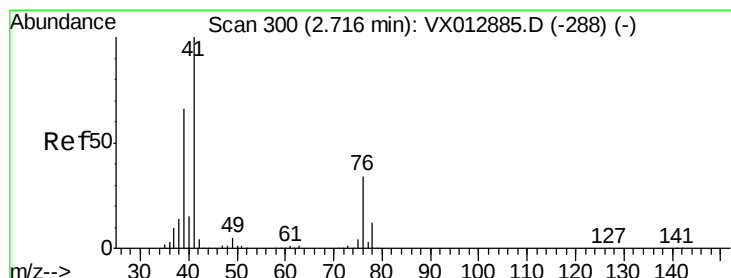
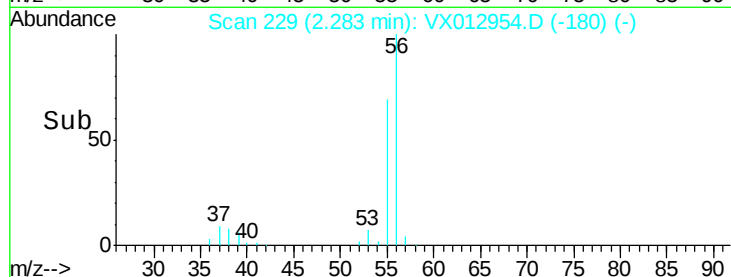
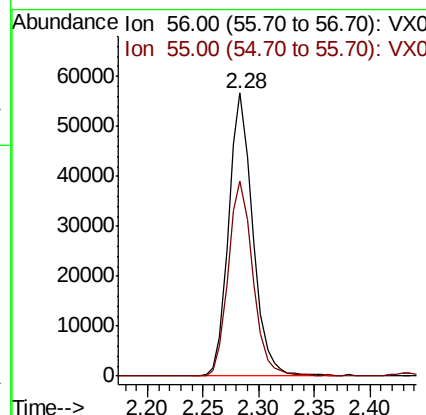
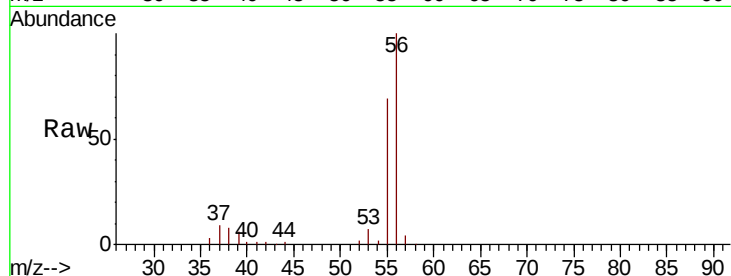




#13
Acrolein
Concen: 222.081 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

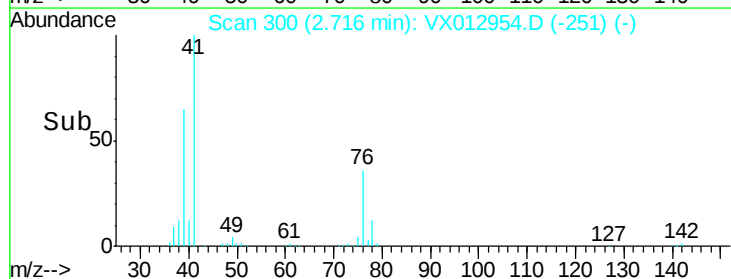
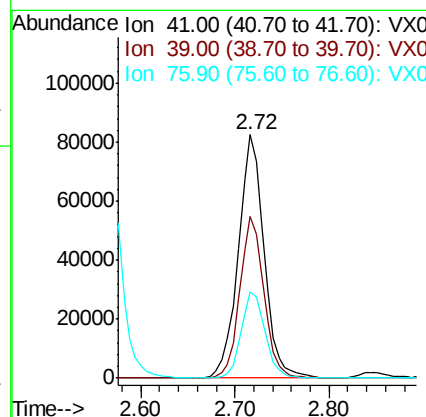
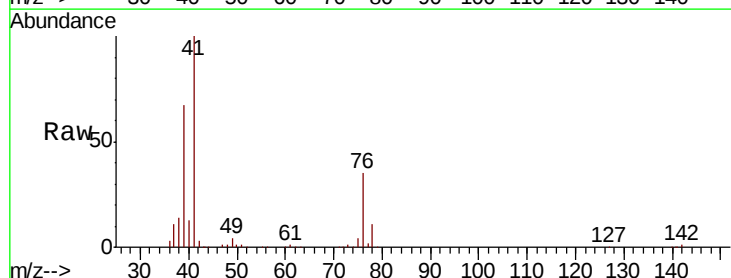
Instrument :
MSVOA_X
ClientSampleId :

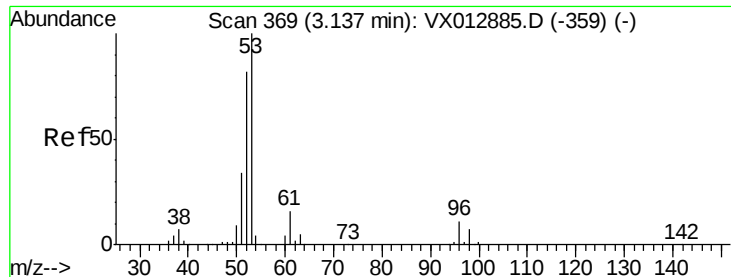
Tot Ion: 56 Resp: 85431
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0



#14
Allyl chloride
Concen: 53.414 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 41 Resp: 157044
Ion Ratio Lower Upper
41 100
39 62.3 51.0 76.6
76 32.9 26.2 39.4



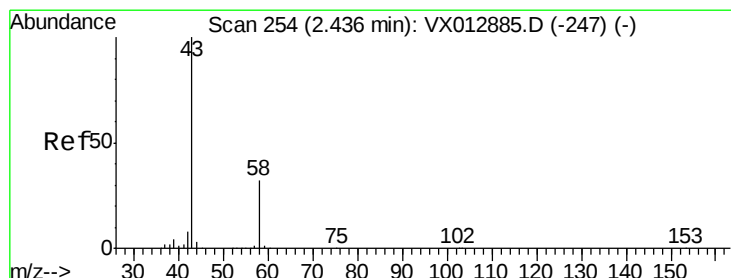
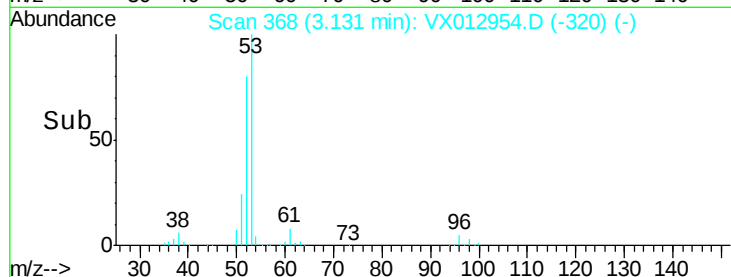
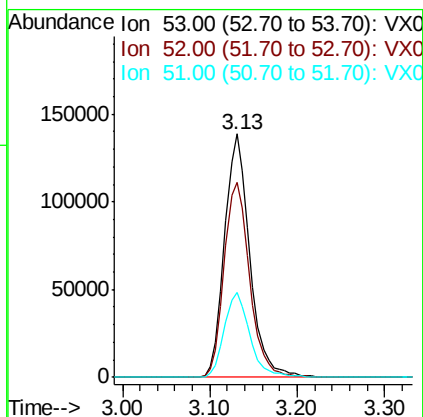
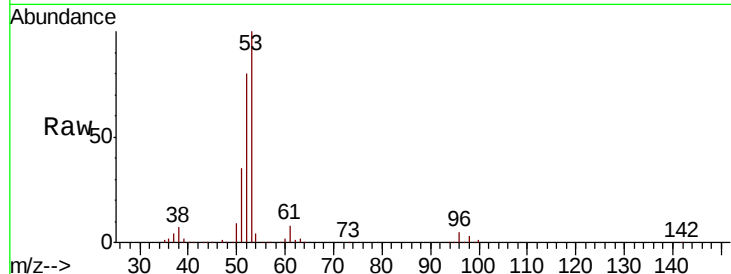


#15
 Acrylonitrile
 Concen: 270.100 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 277073

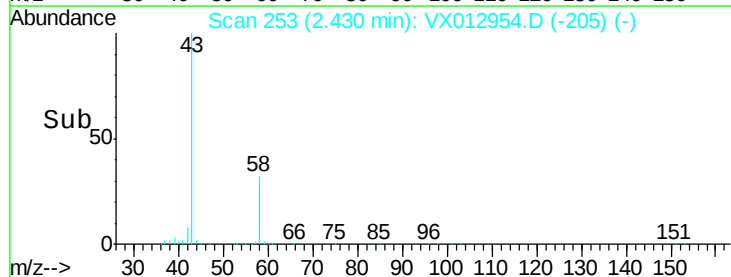
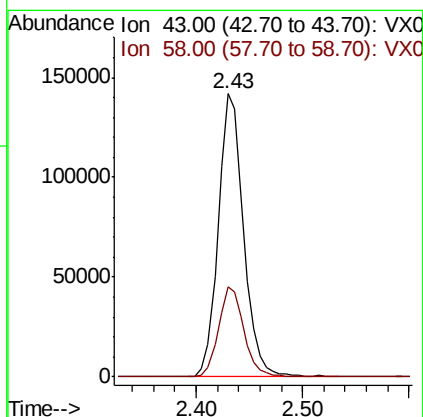
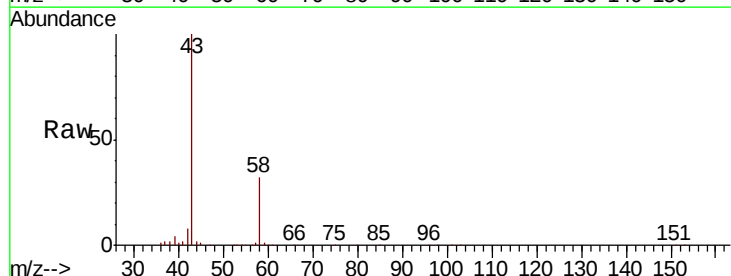
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.2	99.2
51	35.8	28.2	42.4

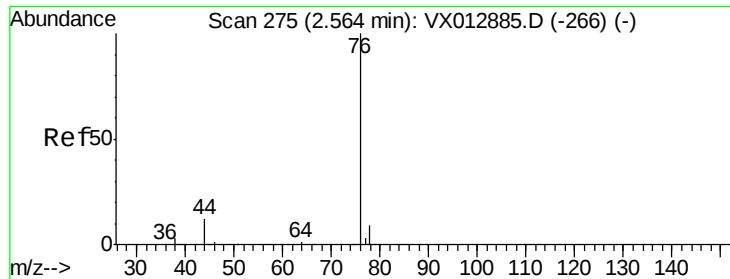


#16
 Acetone
 Concen: 215.944 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 43 Resp: 232425

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.2

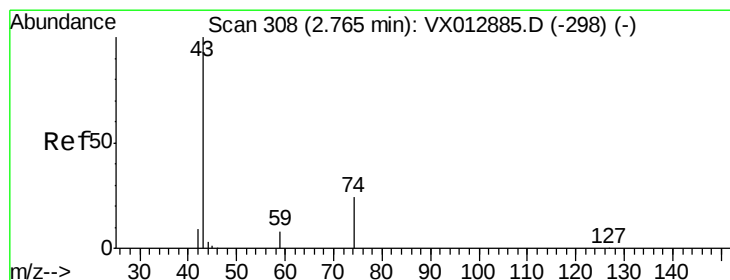
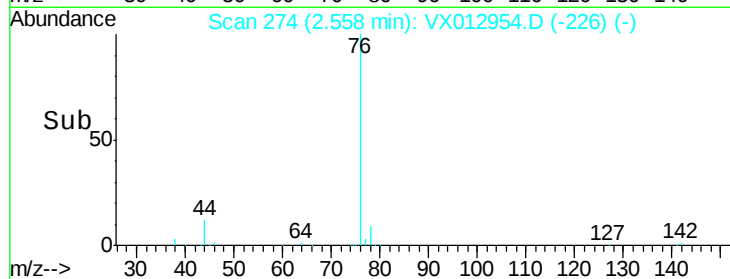
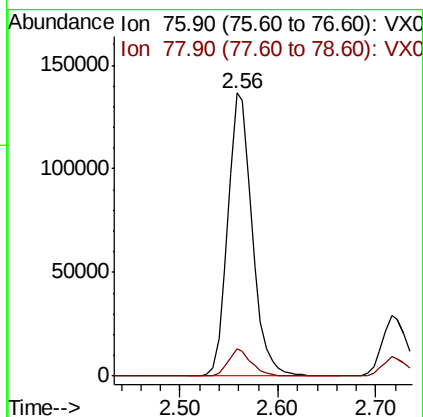
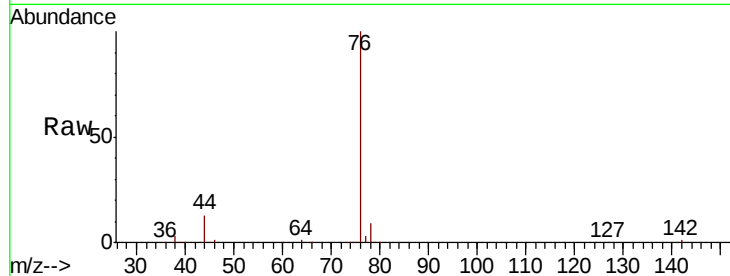




#17
Carbon Disulfide
Concen: 50.160 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

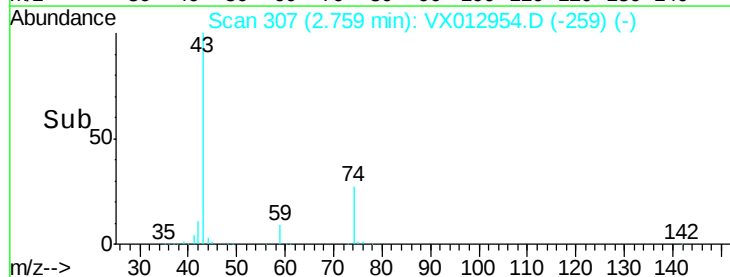
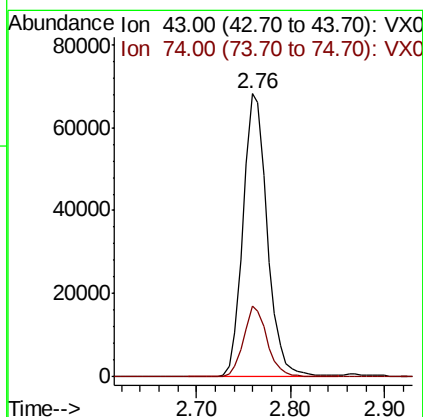
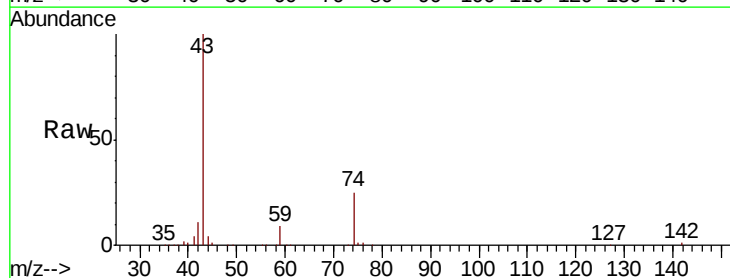
Instrument :
MSVOA_X
ClientSampled :

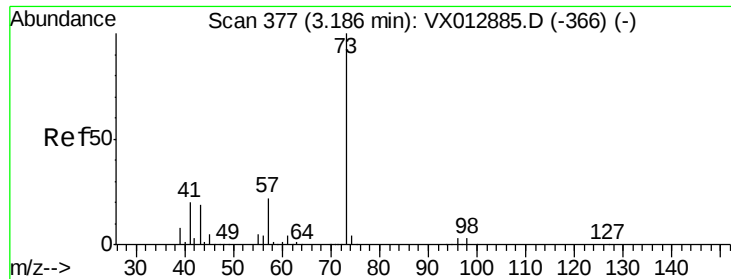
Tot Ion: 76 Resp: 236132
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 48.132 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 43 Resp: 122793
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

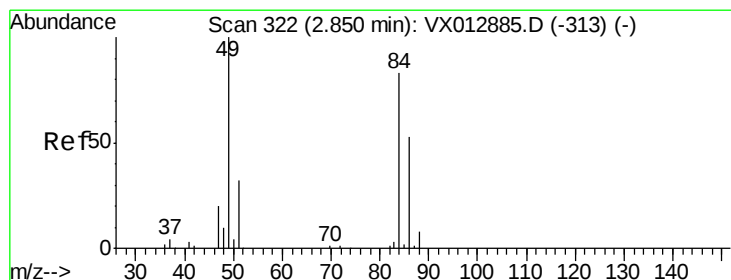
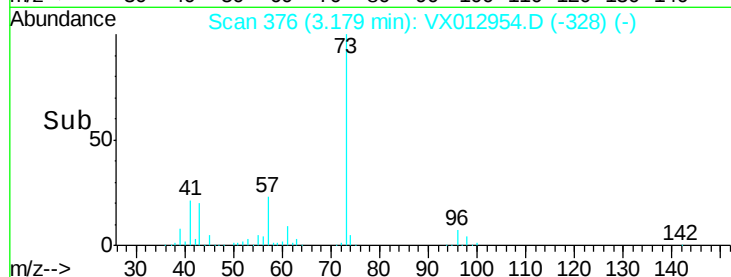
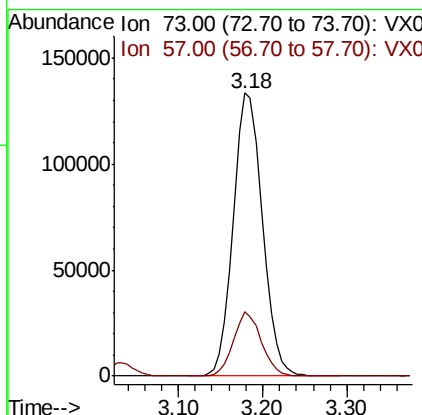
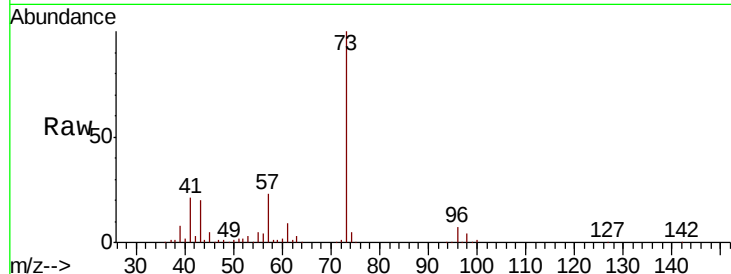




#19
Methyl tert-butyl Ether
Concen: 54.673 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

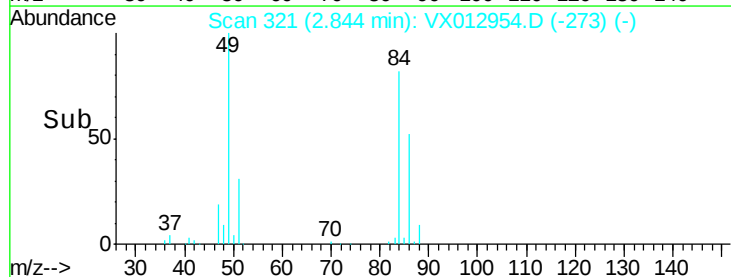
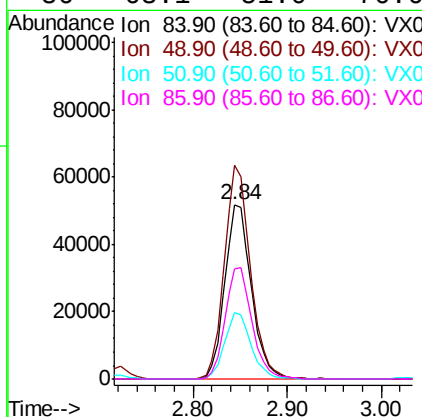
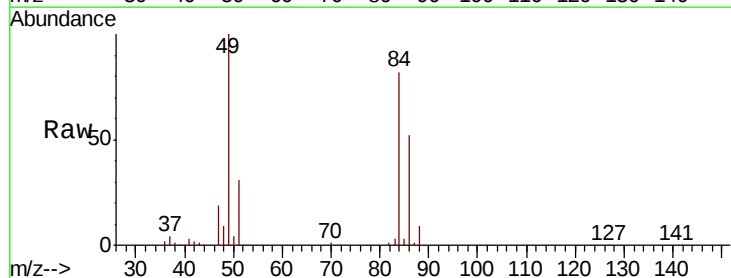
Instrument :
MSVOA_X
ClientSampleId :

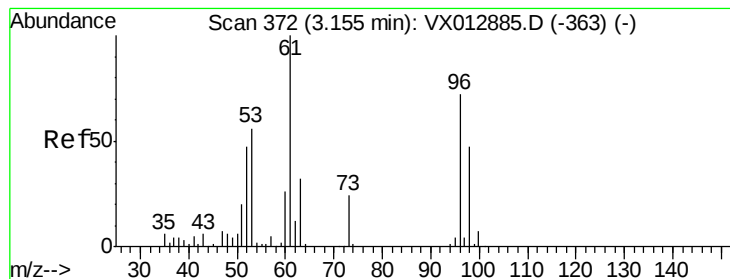
Tot Ion: 73 Resp: 311711
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 51.416 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 84 Resp: 101705
Ion Ratio Lower Upper
84 100
49 122.4 96.6 144.8
51 38.2 30.7 46.1
86 63.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.367 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampled :

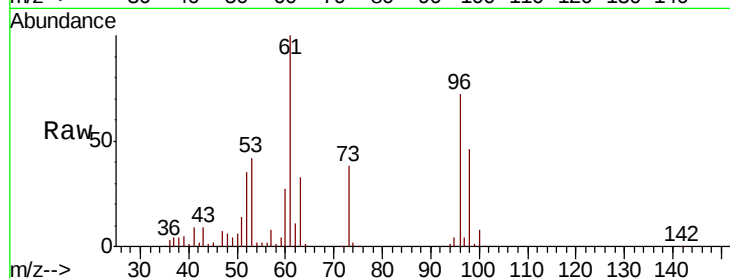
Tot Ion: 96 Resp: 94435

Ion Ratio Lower Upper

96 100

61 138.4 110.4 165.6

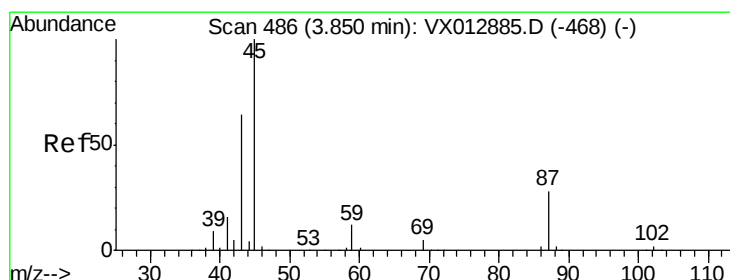
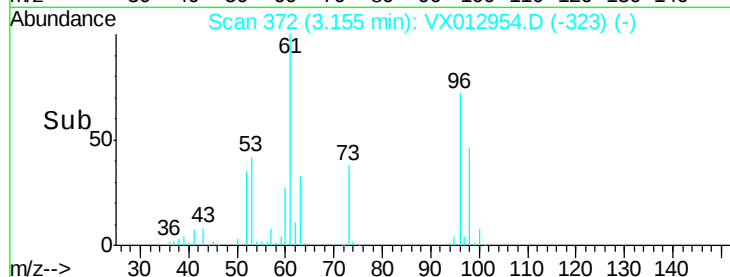
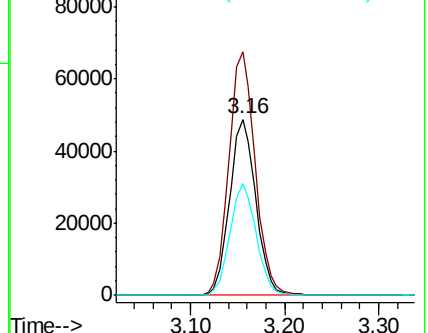
98 63.7 51.5 77.3



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: 54.947 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion: 45 Resp: 309564

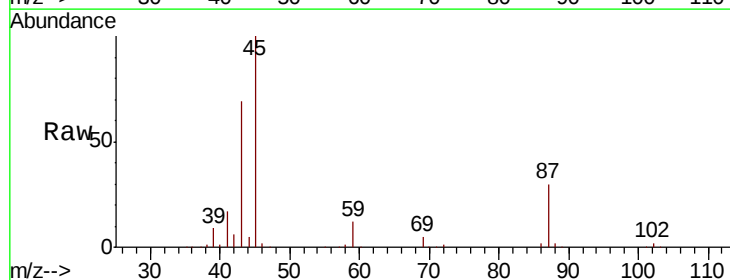
Ion Ratio Lower Upper

45 100

43 68.3 51.4 77.0

87 29.5 22.5 33.7

59 12.2 9.7 14.5

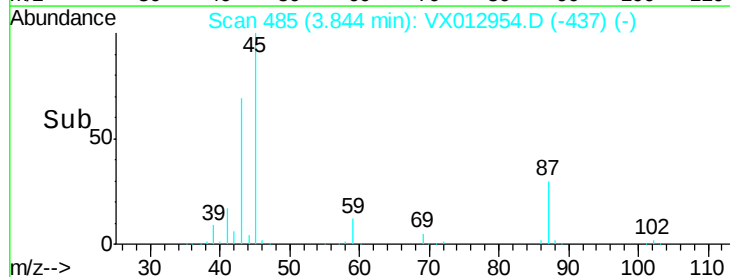
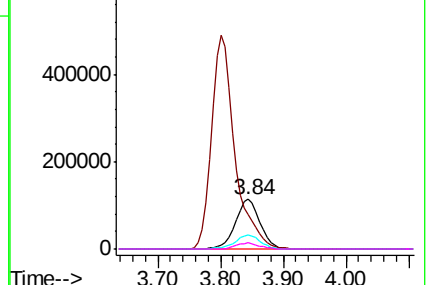


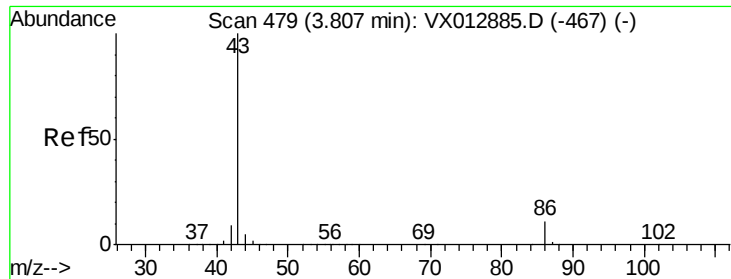
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

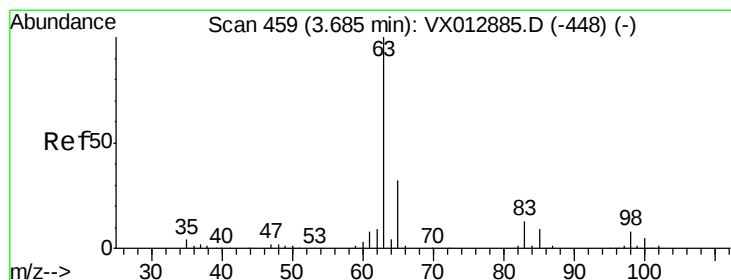
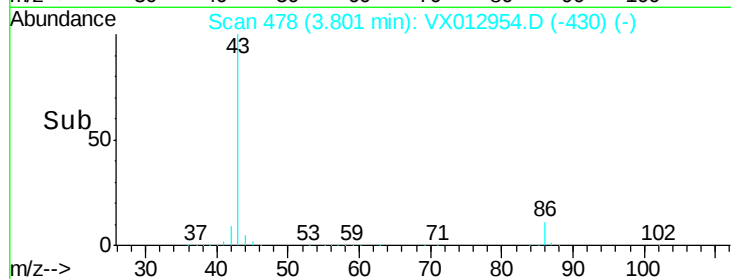
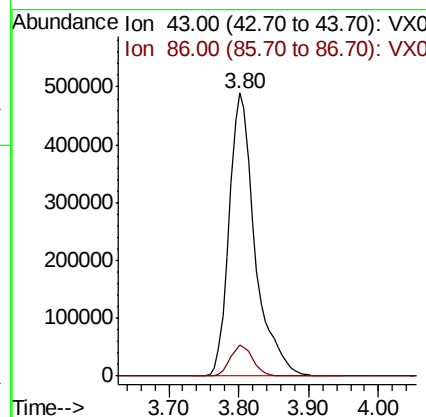
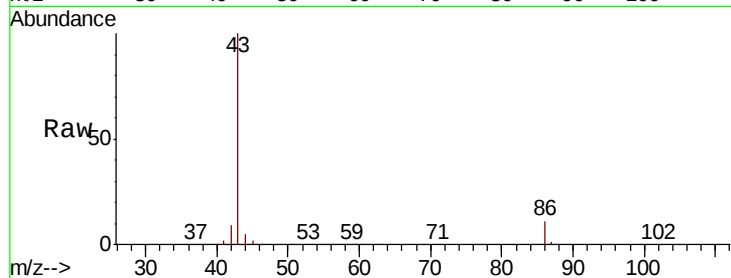




#23
 Vinyl Acetate
 Concen: 257.560 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

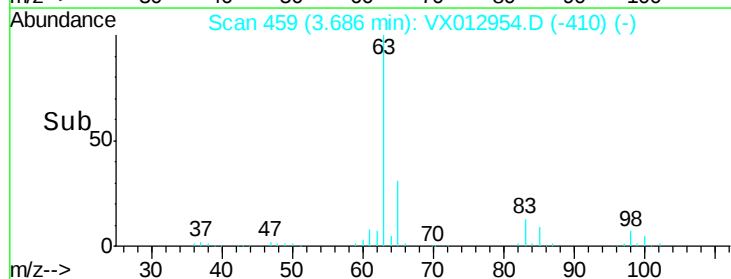
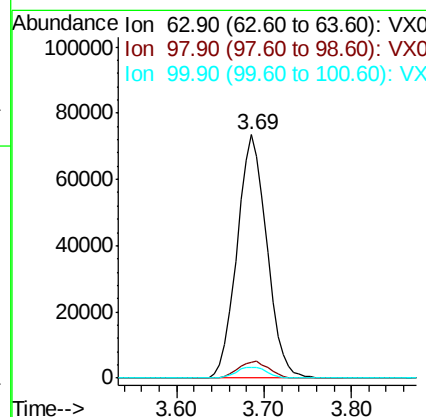
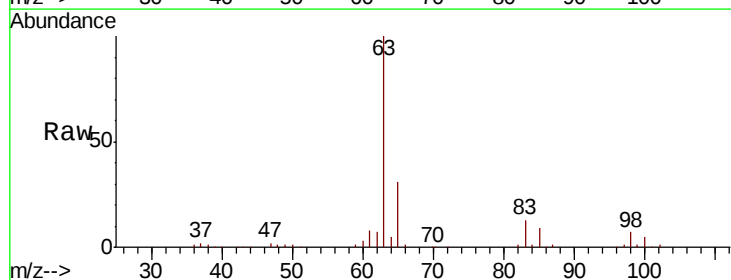
Instrument :
 MSVOA_X
 ClientSampled :

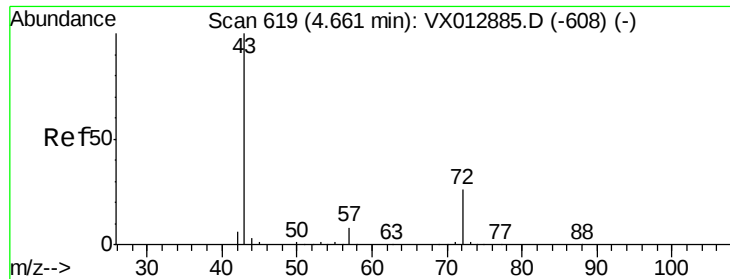
Tot Ion: 43 Resp: 1252667
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 54.878 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 63 Resp: 173936
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.5
 100 4.5 2.3 6.9





#25

2-Butanone

Concen: 253.694 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

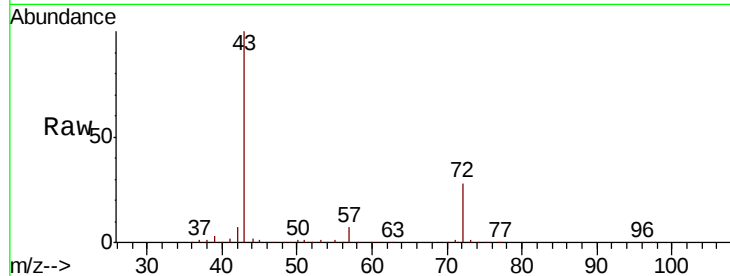
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 378828

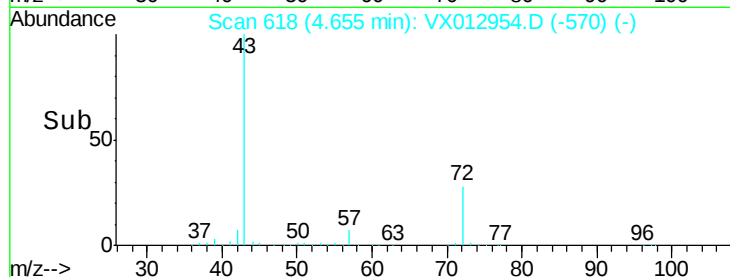
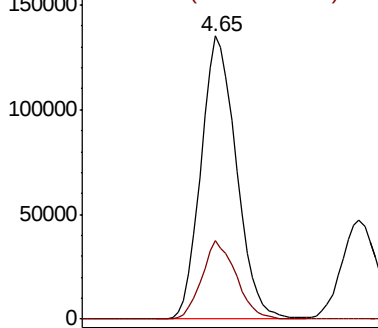
Ion Ratio Lower Upper

43 100

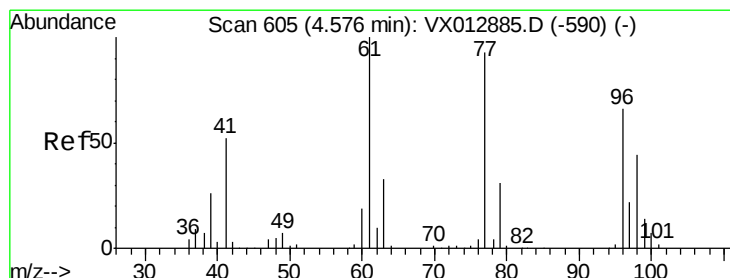
72 27.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 46.038 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012954.D

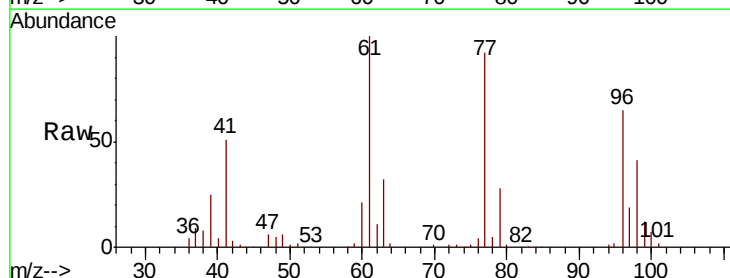
Acq: 09 Oct 2019 19:38

Tgt Ion: 77 Resp: 122703

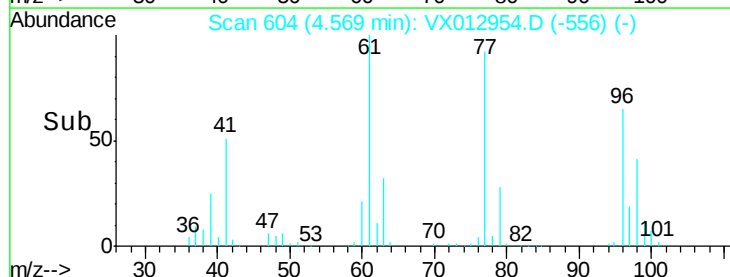
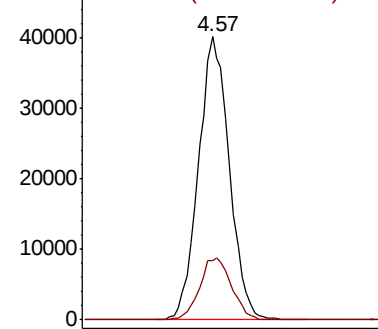
Ion Ratio Lower Upper

77 100

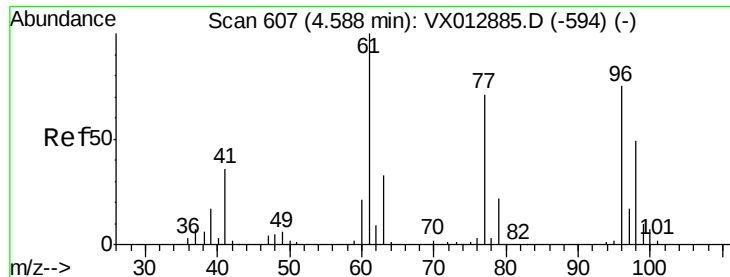
97 22.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



Time-->

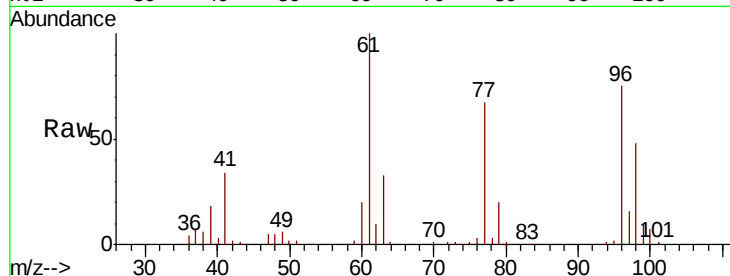


#27

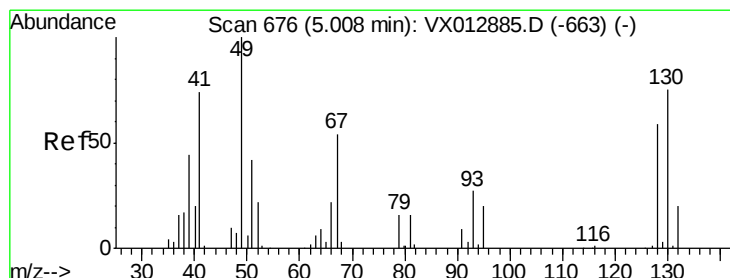
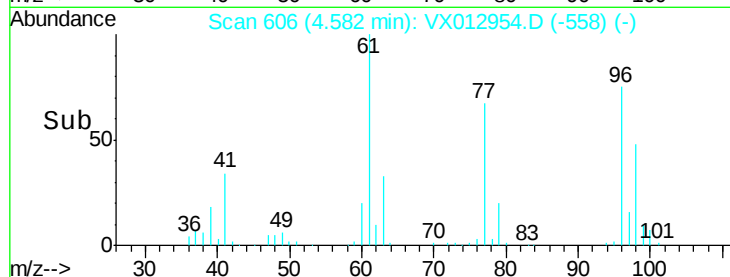
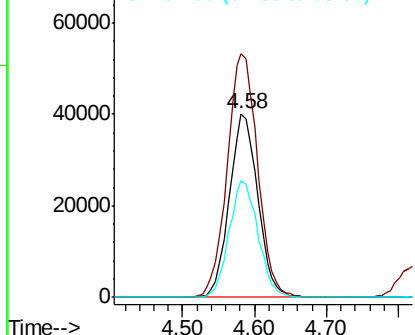
cis-1,2-Dichloroethene
Concen: 54.079 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	290.6
98	64.7	0.0	128.8



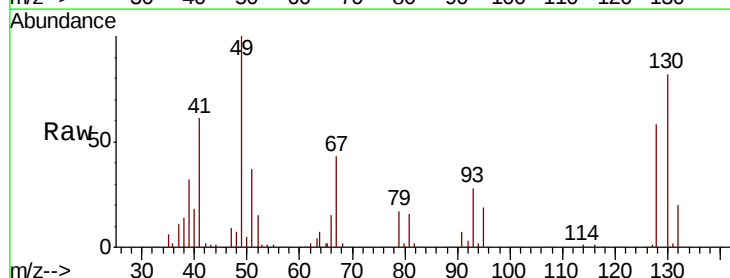
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



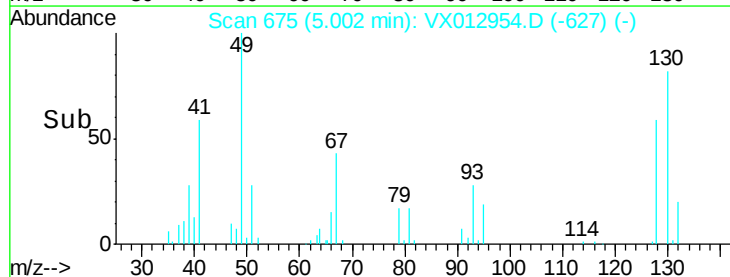
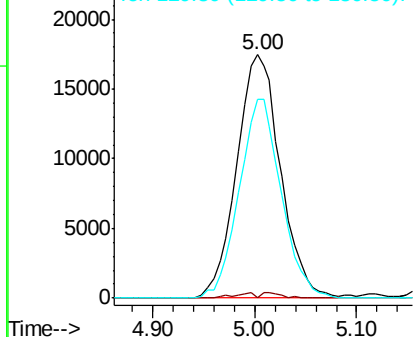
#28

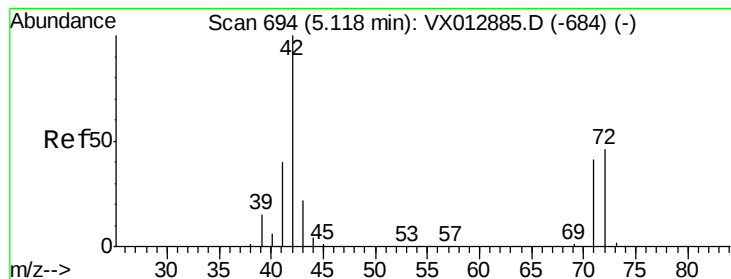
Bromochloromethane
Concen: 54.966 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	78.5	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: 270.045 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

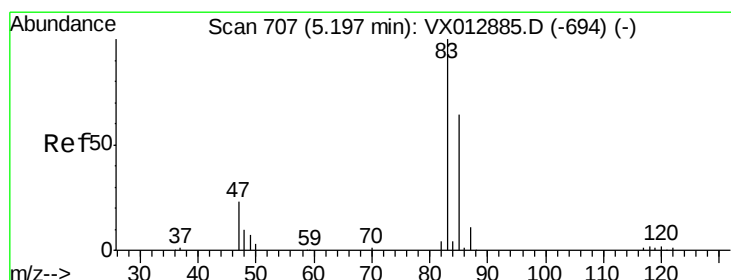
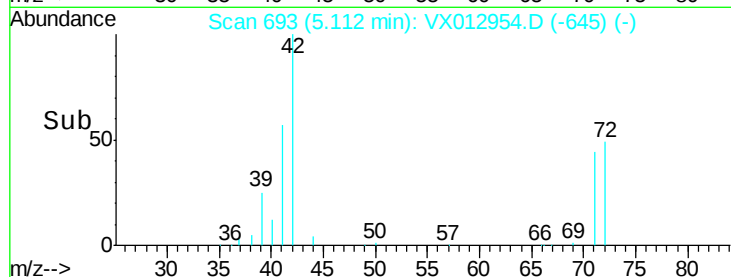
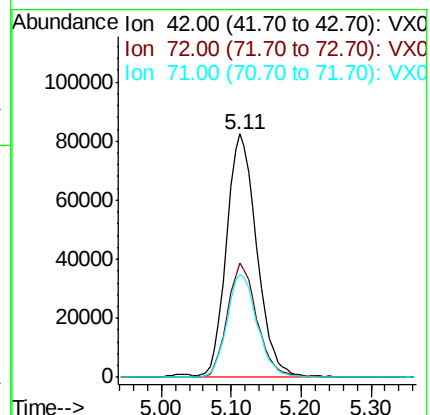
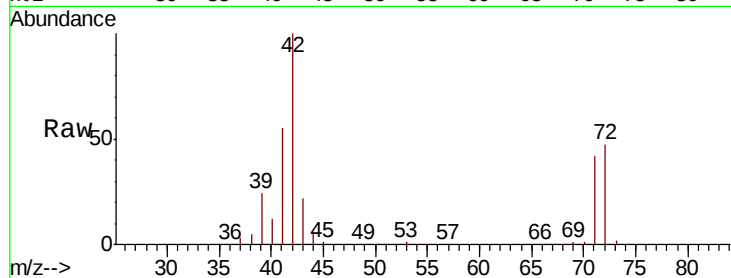
Tot Ion: 42 Resp: 248142

Ion Ratio Lower Upper

42 100

72 46.3 36.9 55.3

71 42.3 33.5 50.3



#30

Chloroform

Concen: 53.466 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012954.D

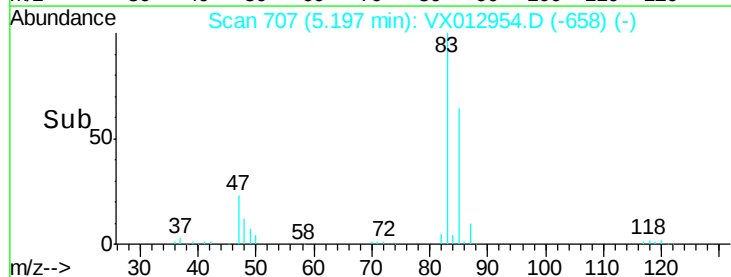
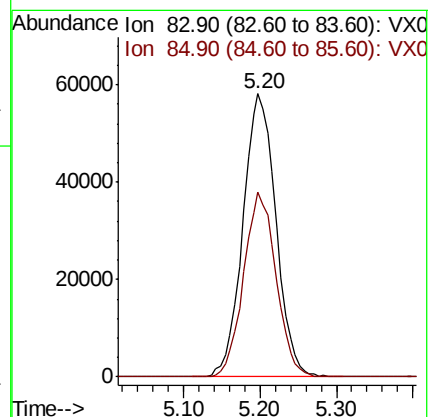
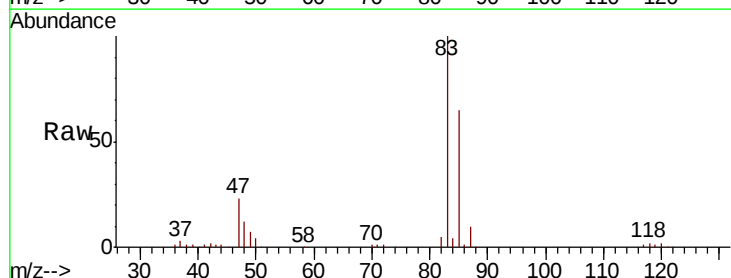
Acq: 09 Oct 2019 19:38

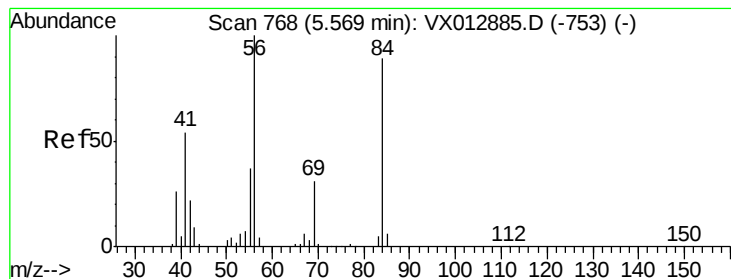
Tgt Ion: 83 Resp: 173881

Ion Ratio Lower Upper

83 100

85 65.5 51.5 77.3





#31

Cyclohexane

Concen: 52.422 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampled :

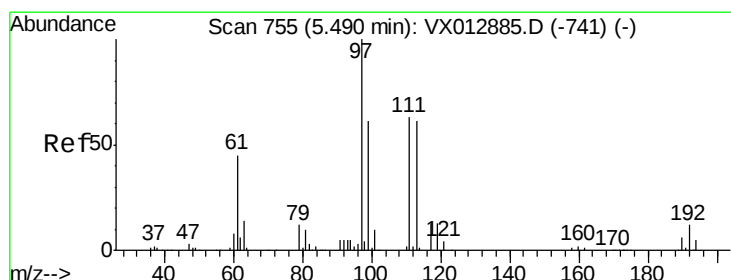
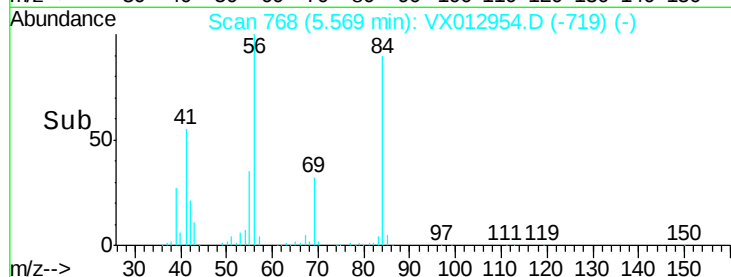
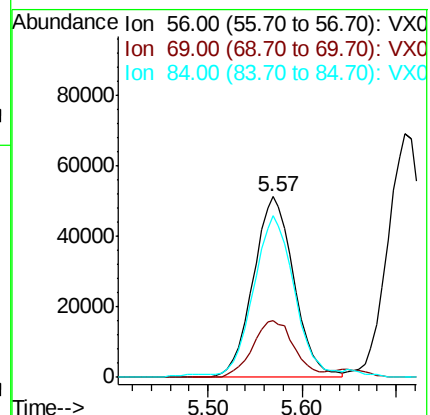
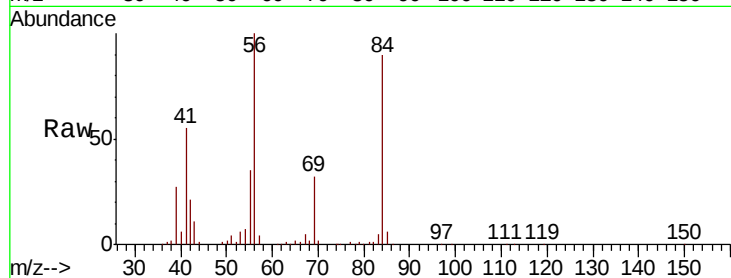
Tot Ion: 56 Resp: 155363

Ion Ratio Lower Upper

56 100

69 31.8 25.2 37.8

84 88.1 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 55.736 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

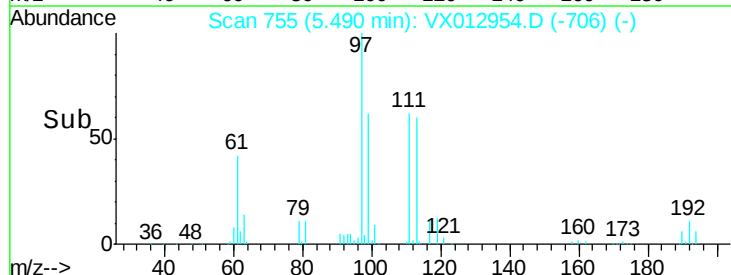
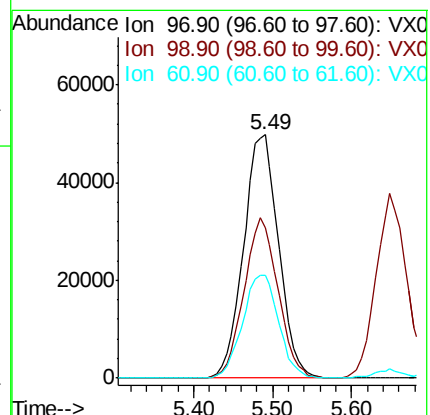
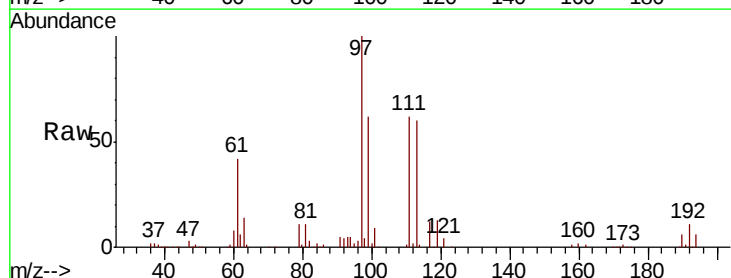
Tgt Ion: 97 Resp: 153585

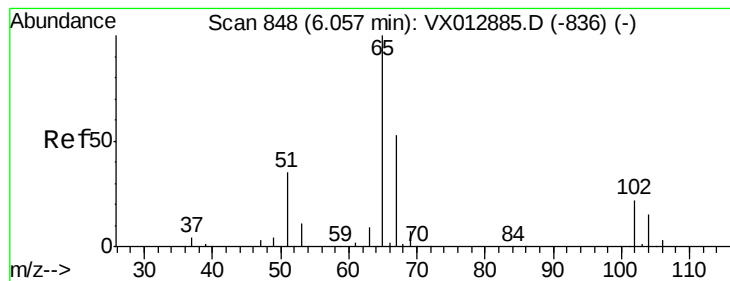
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 43.7 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 53.018 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

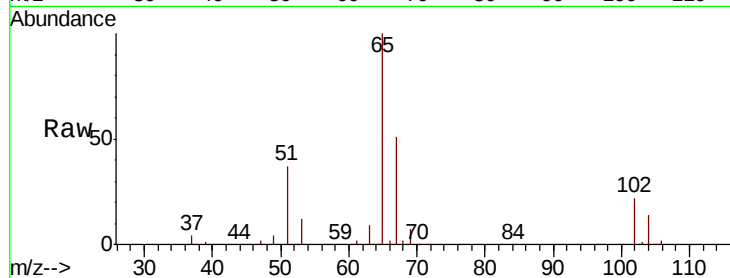
ClientSampleId :

Tot Ion: 65 Resp: 108261

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4

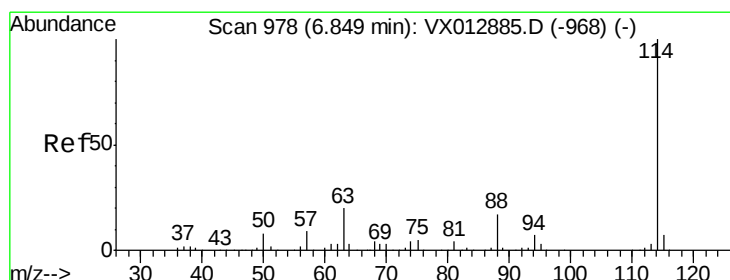
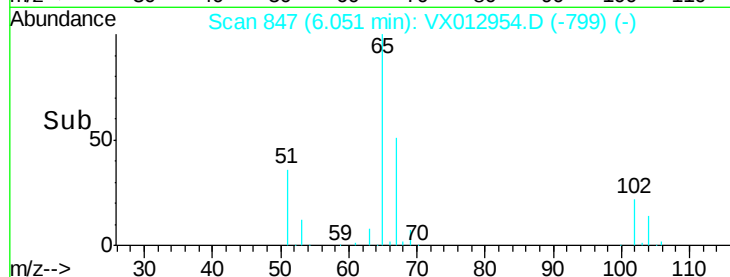


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

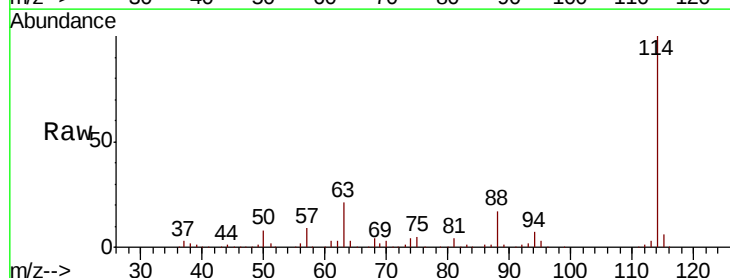
Tgt Ion: 114 Resp: 280988

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.8 0.0 33.8



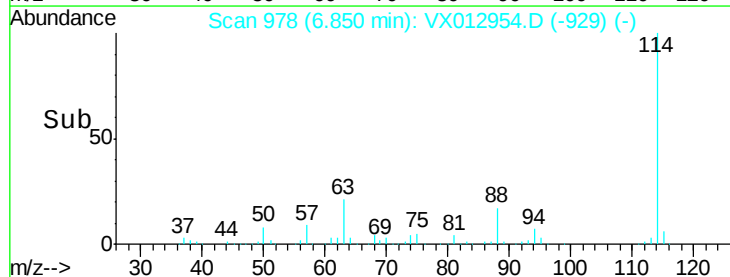
Abundance Ion 113.90 (113.60 to 114.60): V

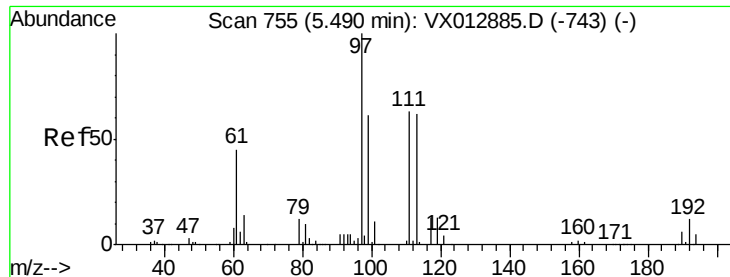
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->





#35

Dibromofluoromethane

Concen: 53.913 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

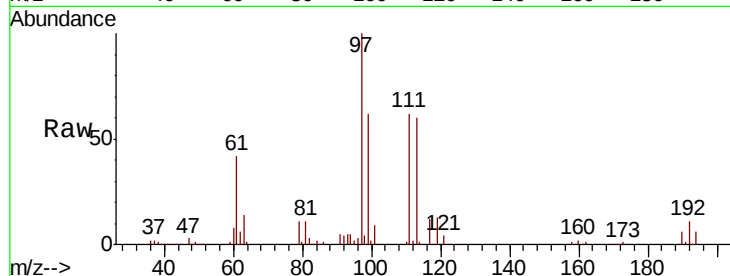
Tot Ion:113 Resp: 86947

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

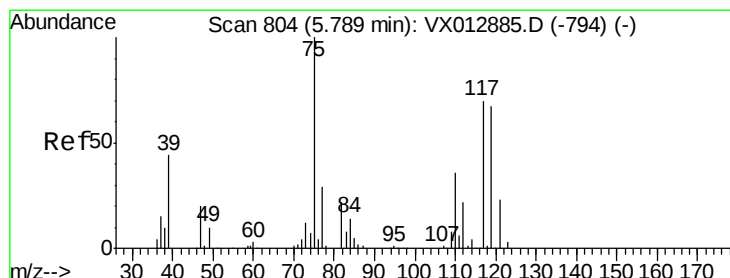
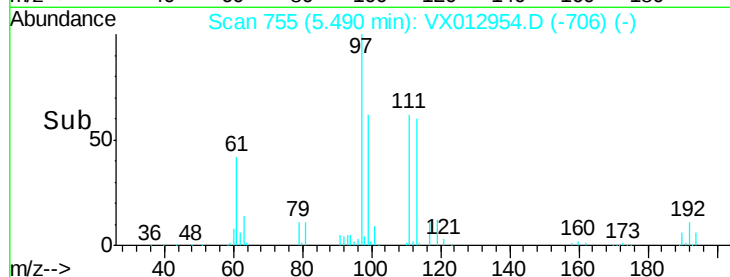
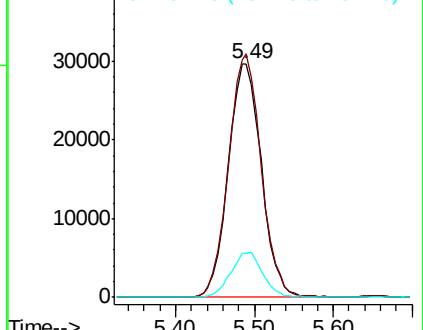
192 18.6 15.4 23.2



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: 52.519 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

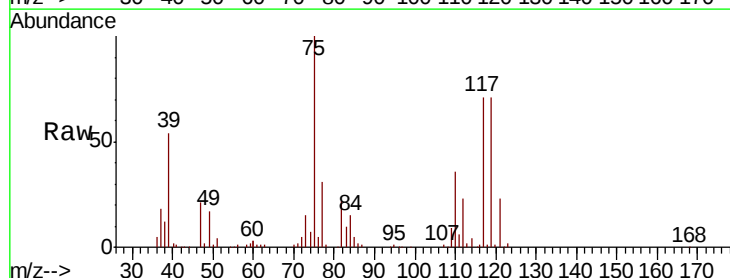
Tgt Ion: 75 Resp: 129747

Ion Ratio Lower Upper

75 100

110 35.5 17.6 52.9

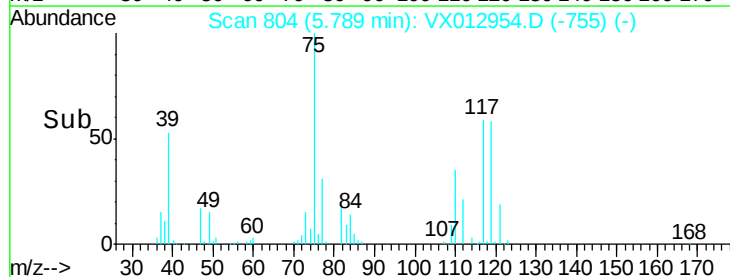
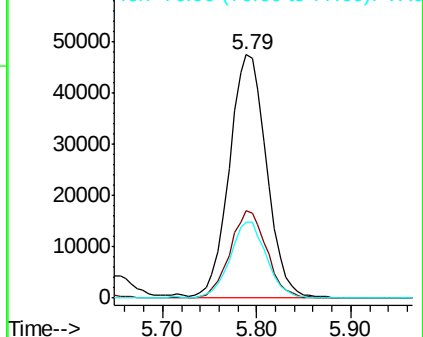
77 31.0 24.4 36.6

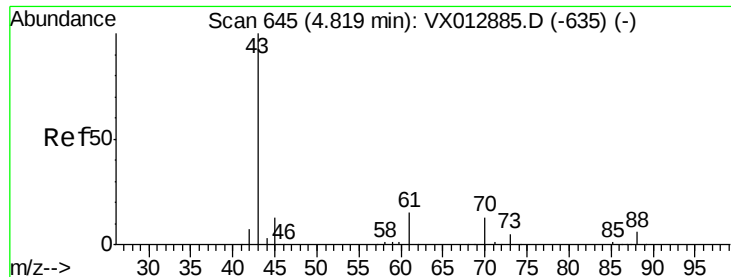


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

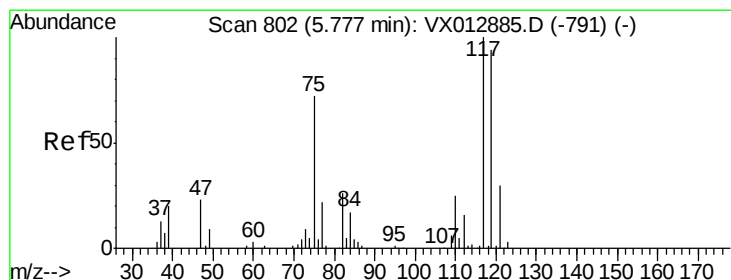
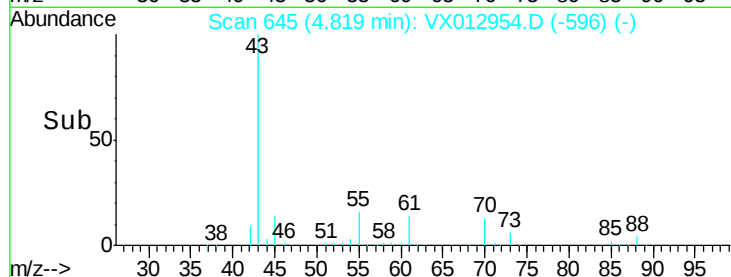
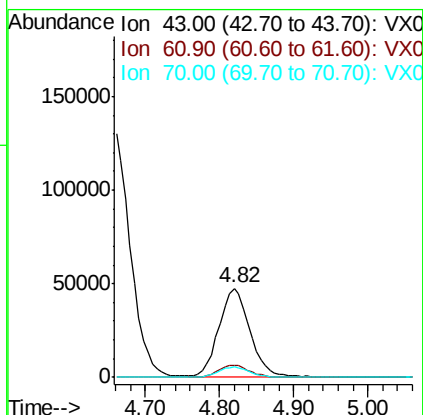
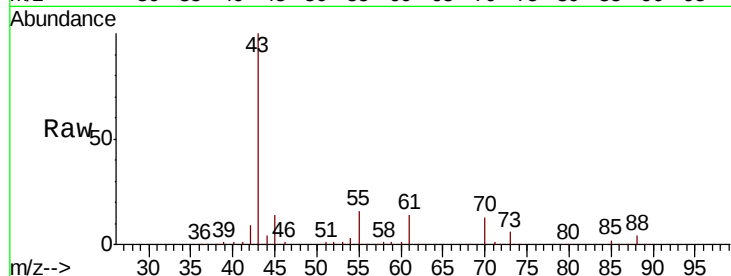




#37
Ethyl Acetate
Concen: 49.855 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

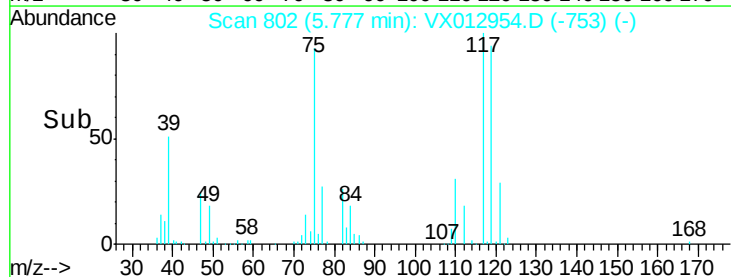
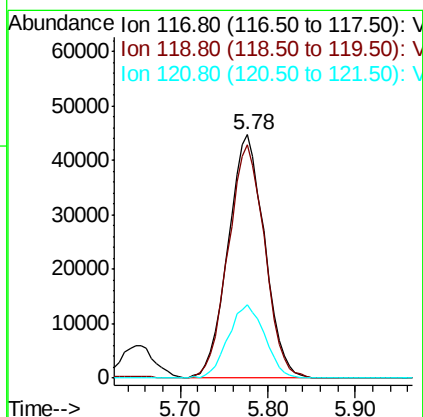
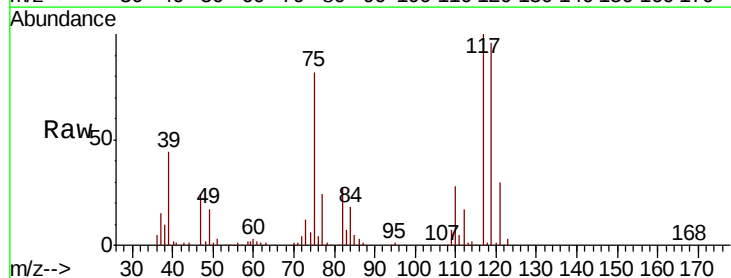
Instrument :
MSVOA_X
ClientSampleId :

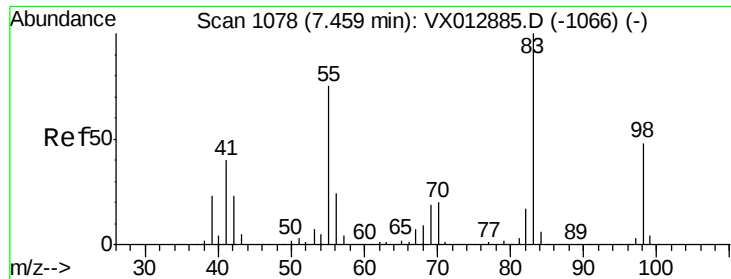
Tot Ion: 43 Resp: 137721
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 53.769 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 117 Resp: 129294
Ion Ratio Lower Upper
117 100
119 96.0 74.5 111.7
121 30.0 24.2 36.4

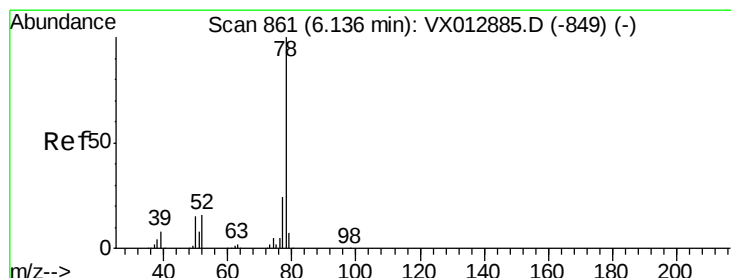
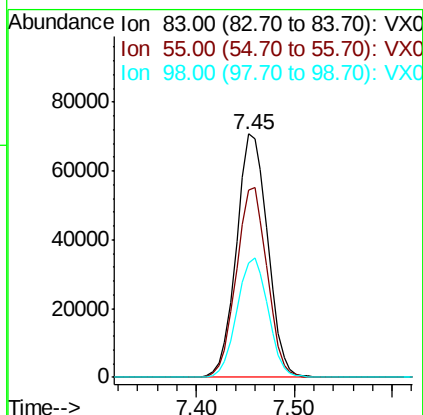
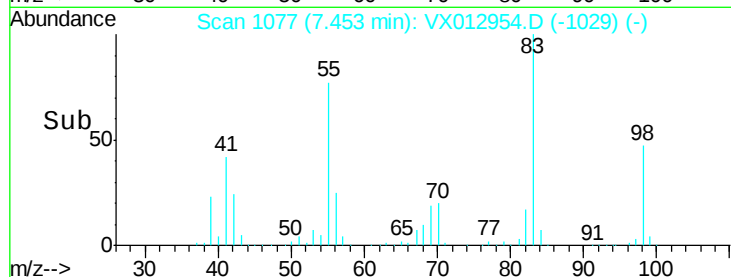
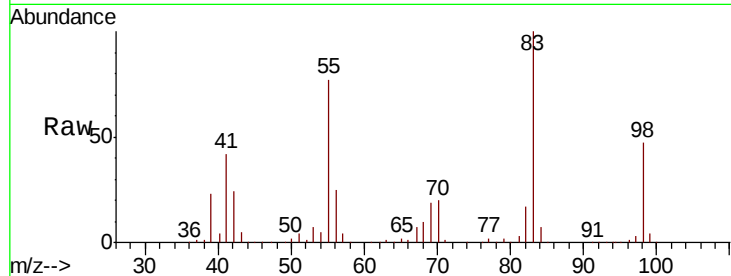




#39
Methvlcvclohexane
Concen: 52.275 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

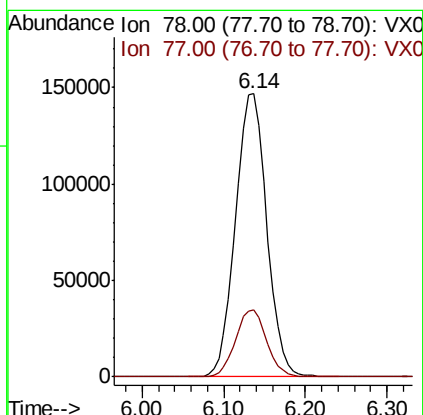
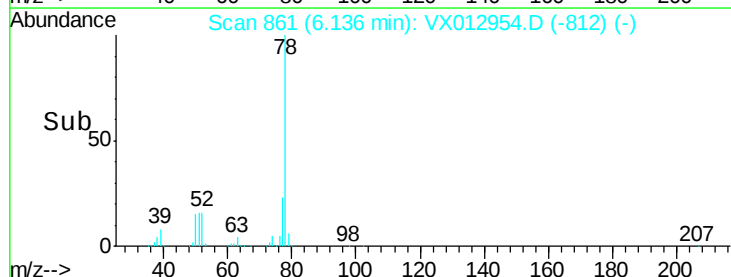
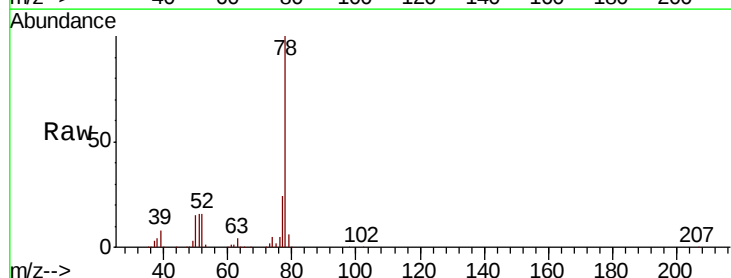
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 156617
Ion Ratio Lower Upper
83 100
55 76.8 60.2 90.4
98 46.8 38.5 57.7



#40
Benzene
Concen: 53.597 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 78 Resp: 391073
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 52.237 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 79292

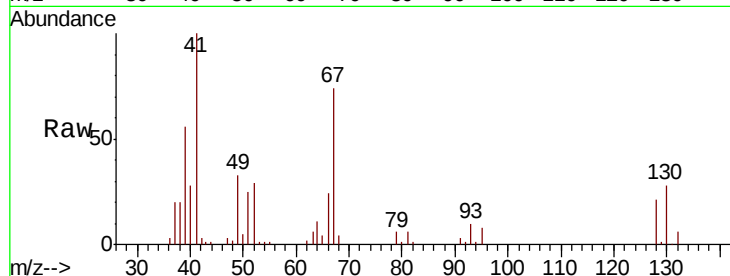
Ion Ratio Lower Upper

41 100

39 54.8 44.0 66.0

67 74.6 58.5 87.7

52 29.4 23.8 35.8

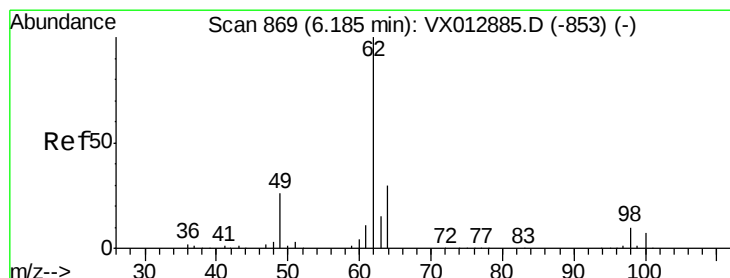
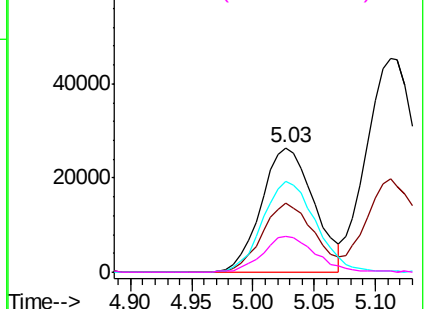
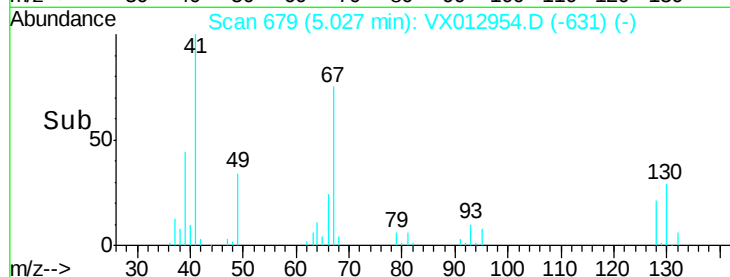


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.837 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012954.D

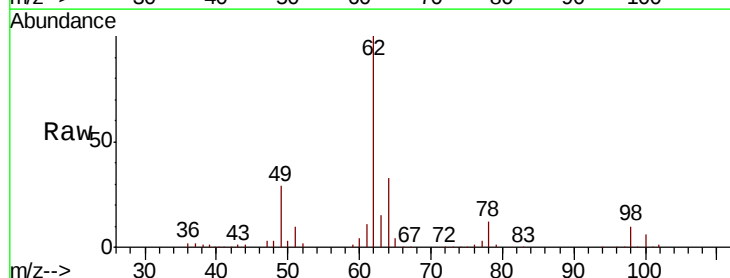
Acq: 09 Oct 2019 19:38

Tgt Ion: 62 Resp: 140956

Ion Ratio Lower Upper

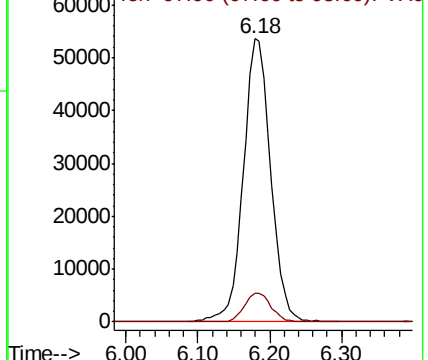
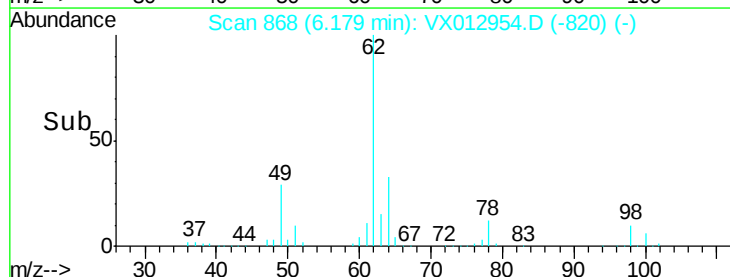
62 100

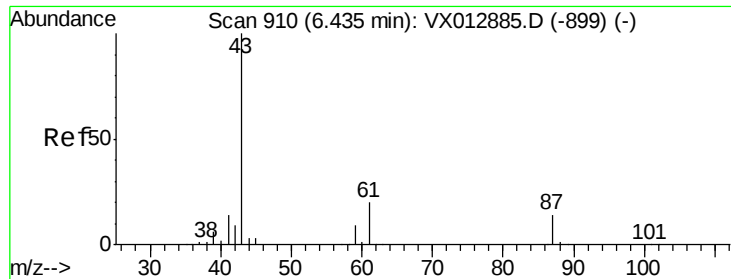
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



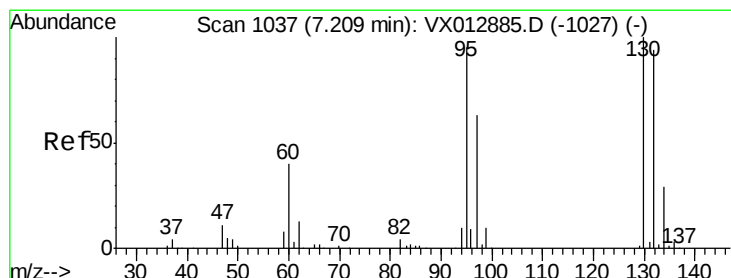
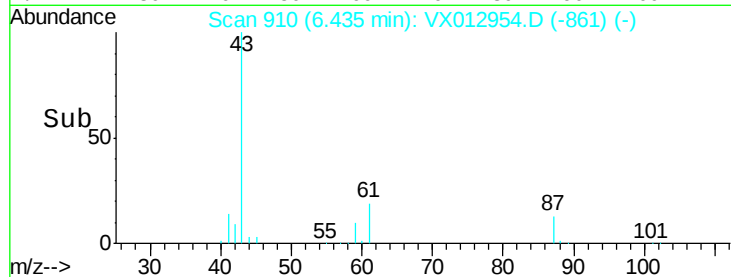
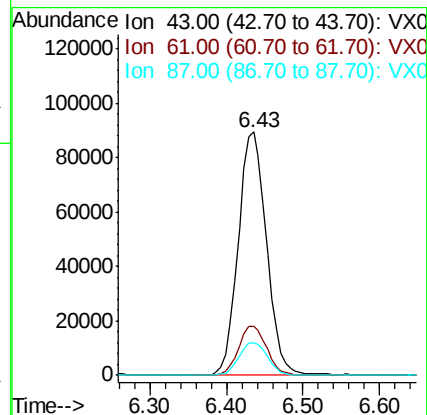
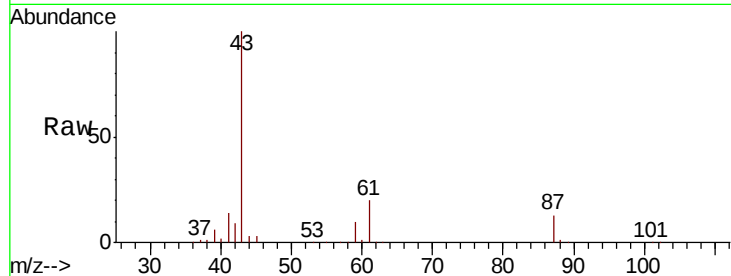


#43

Isopropyl Acetate
 Concen: 51.517 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :

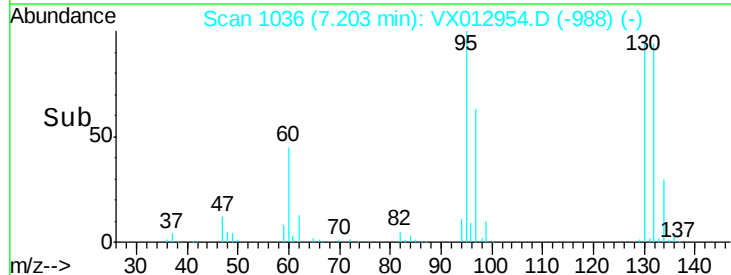
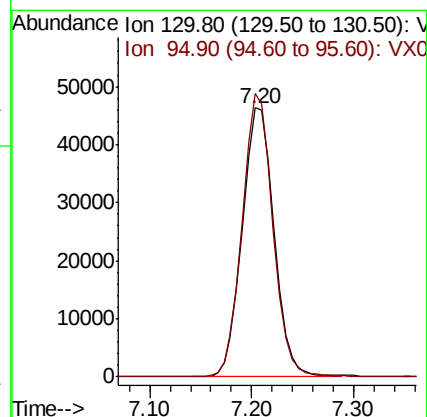
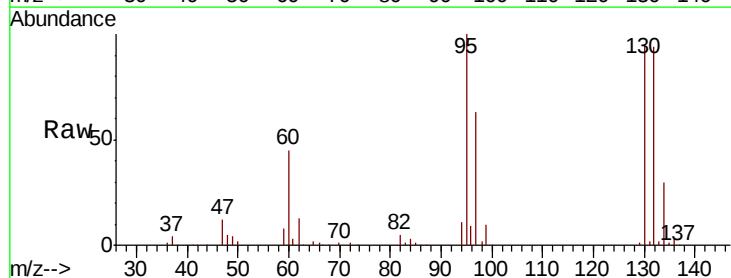
Tot Ion: 43 Resp: 228419
 Ion Ratio Lower Upper
 43 100
 61 20.3 16.6 24.8
 87 13.6 11.0 16.6



#44

Trichloroethene
 Concen: 49.719 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion:130 Resp: 100598
 Ion Ratio Lower Upper
 130 100
 95 105.2 0.0 189.2

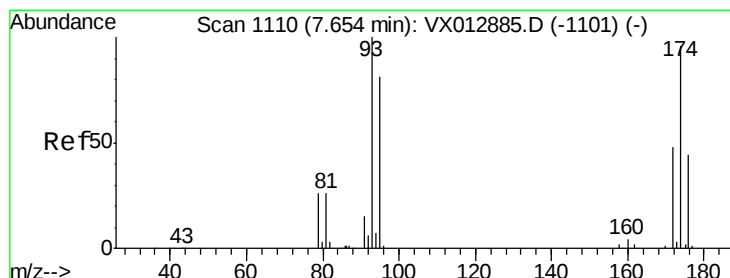
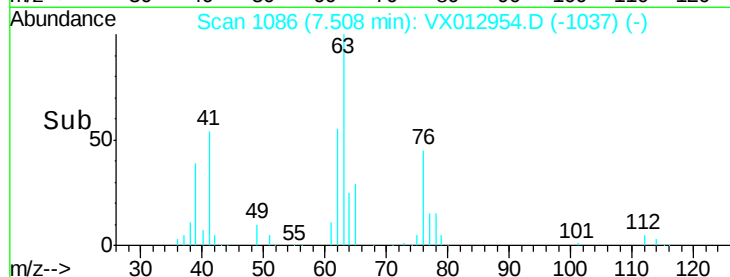
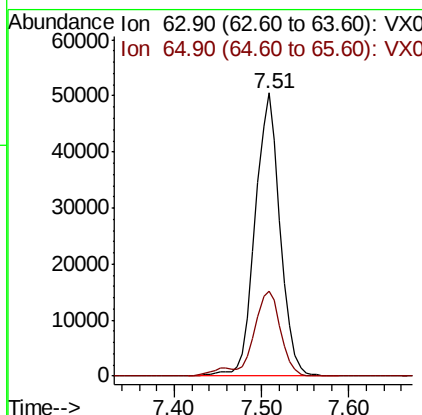
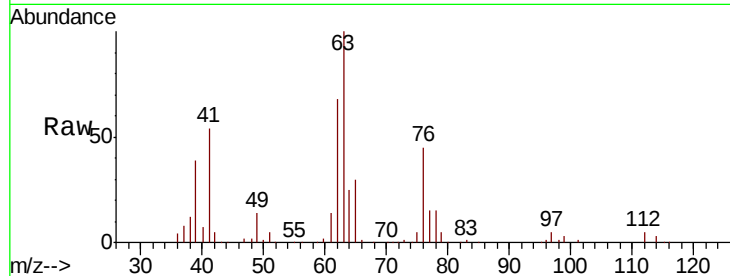




#45
 1,2-Dichloropropane
 Concen: 53.812 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

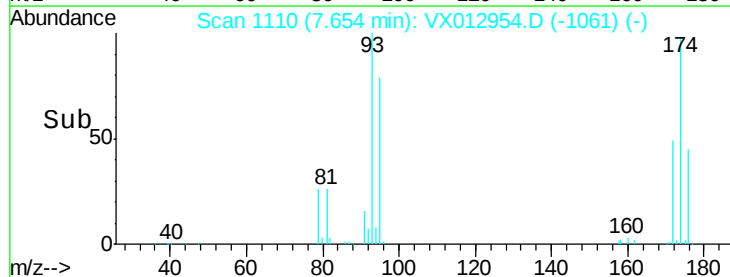
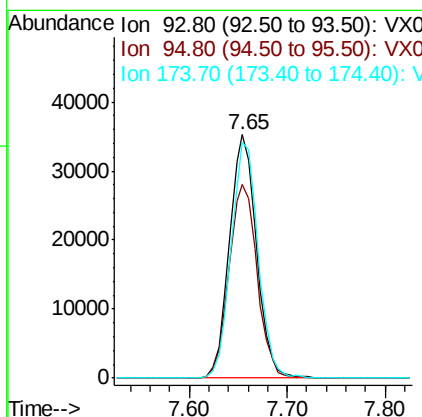
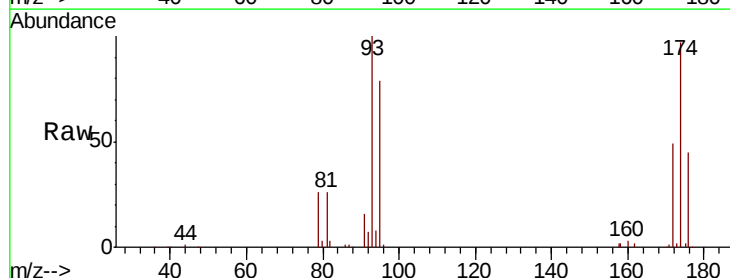
Instrument :
 MSVOA_X
 ClientSampleId :

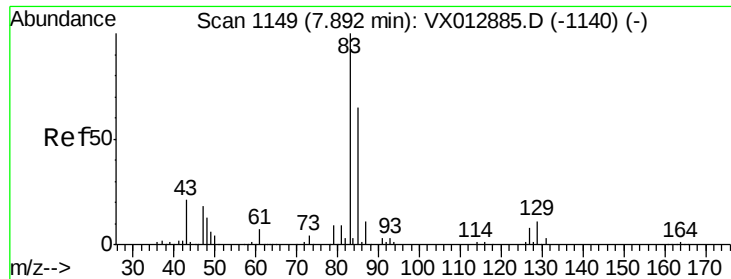
Tot Ion: 63 Resp: 100072
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0



#46
 Dibromomethane
 Concen: 54.512 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 93 Resp: 67541
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.3 99.5
 174 96.9 77.8 116.6





#47

Bromodichloromethane

Concen: 55.304 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :

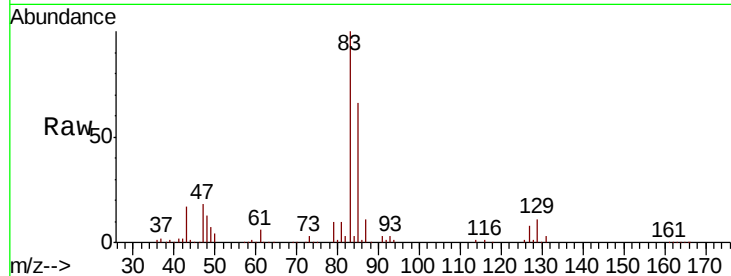
Tot Ion: 83 Resp: 133722

Ion Ratio Lower Upper

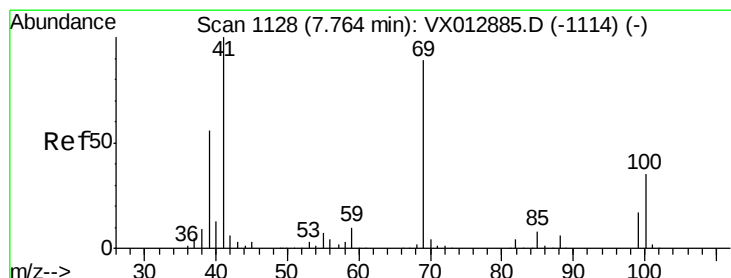
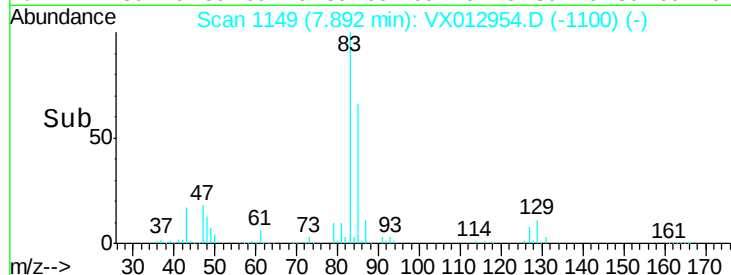
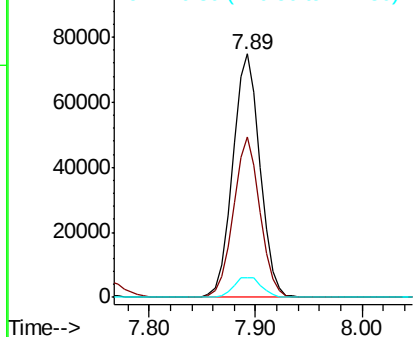
83 100

85 65.8 52.4 78.6

127 8.0 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: 53.426 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

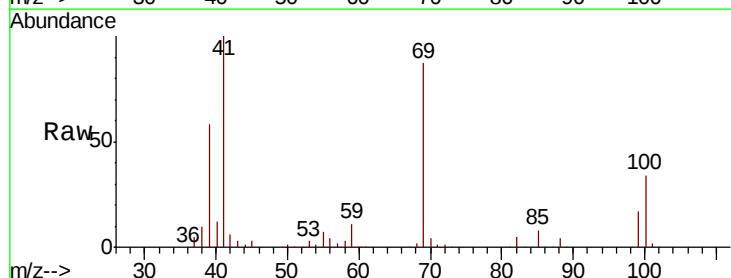
Tgt Ion: 41 Resp: 115434

Ion Ratio Lower Upper

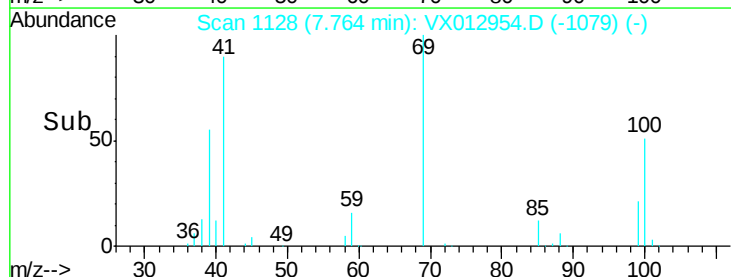
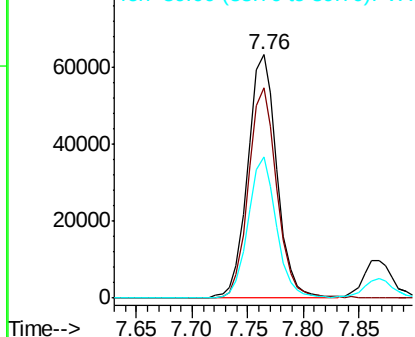
41 100

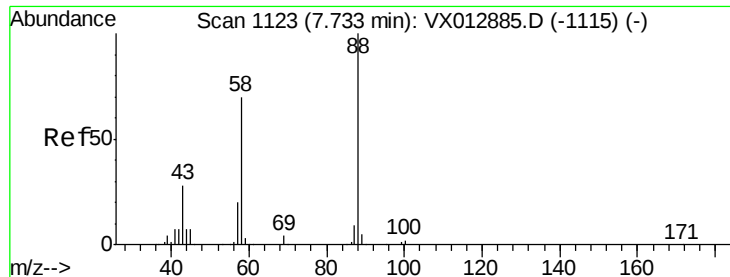
69 84.4 68.7 103.1

39 56.2 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: 1006.669 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampled :

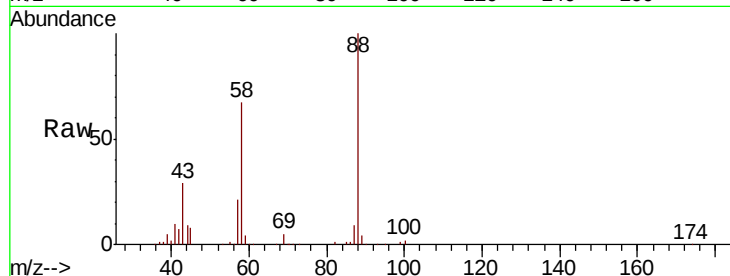
Tot Ion: 88 Resp: 58383

Ion Ratio Lower Upper

88 100

43 32.3 25.0 37.6

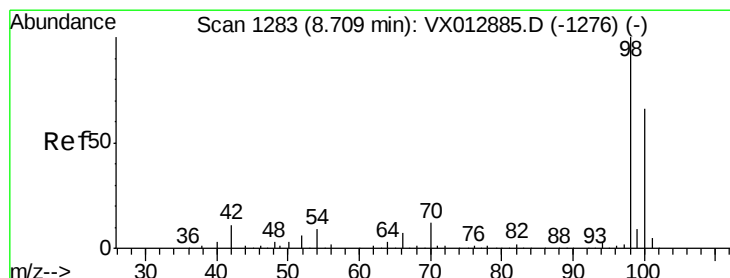
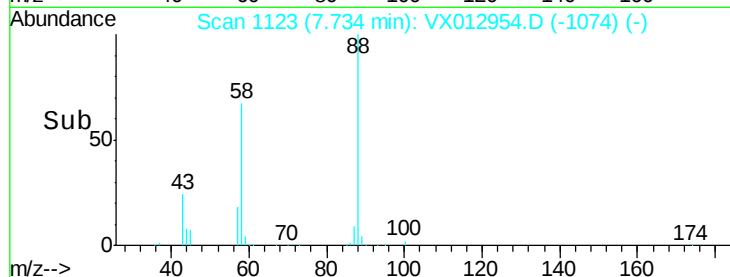
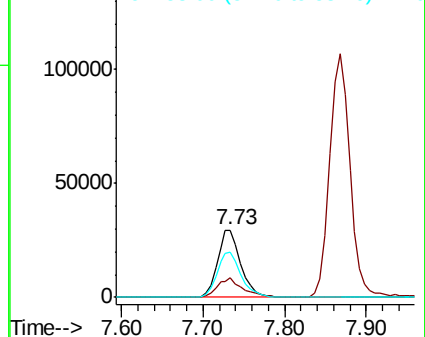
58 69.7 55.4 83.2



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: 51.811 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012954.D

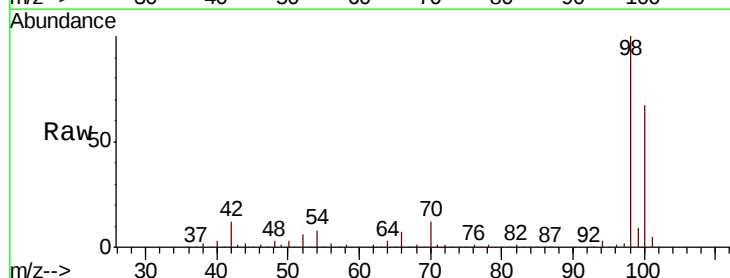
Acq: 09 Oct 2019 19:38

Tgt Ion: 98 Resp: 325889

Ion Ratio Lower Upper

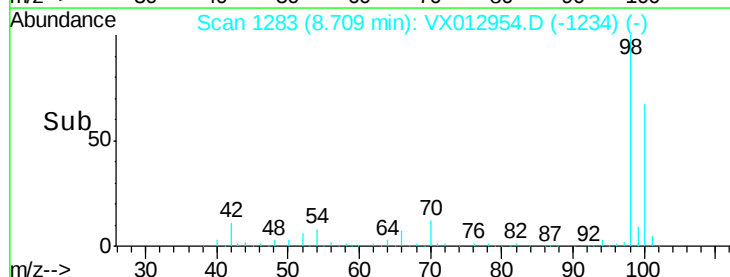
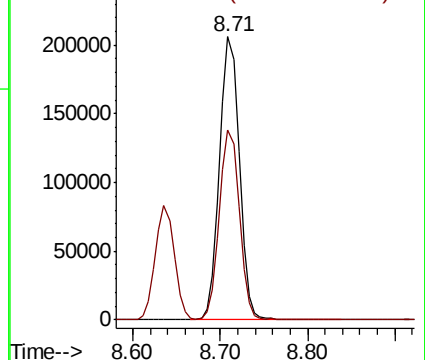
98 100

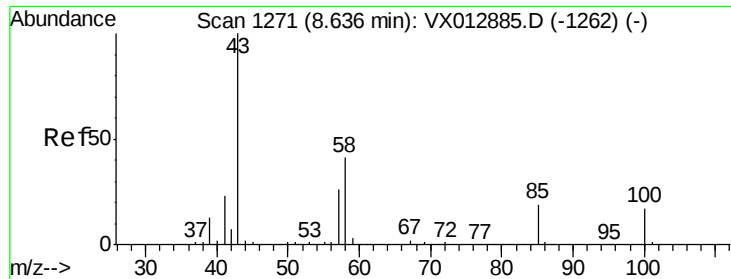
100 67.6 53.4 80.2



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: 267.263 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

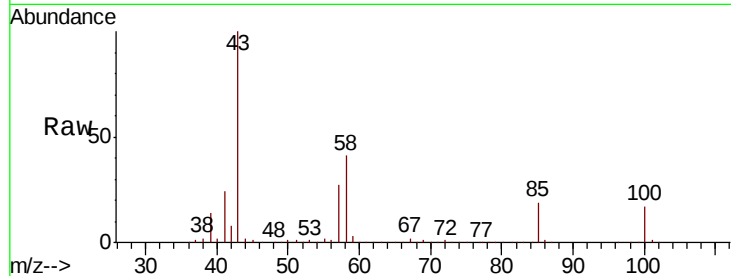
ClientSampled :

Tot Ion: 43 Resp: 738819

Ion Ratio Lower Upper

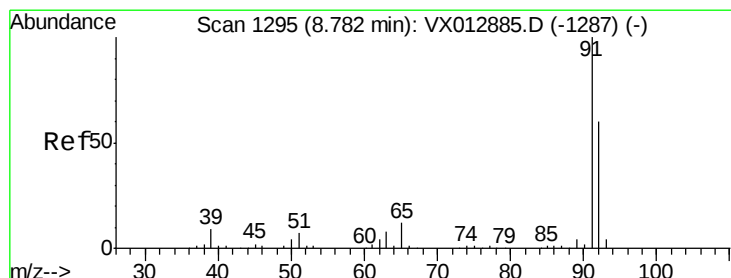
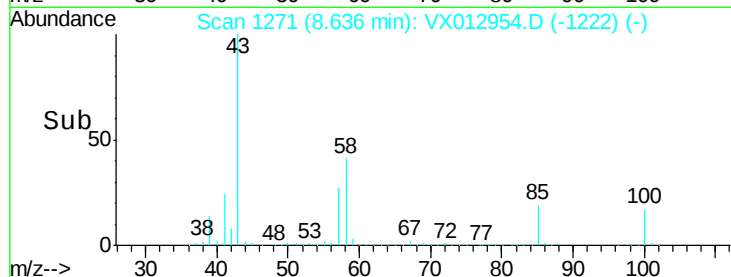
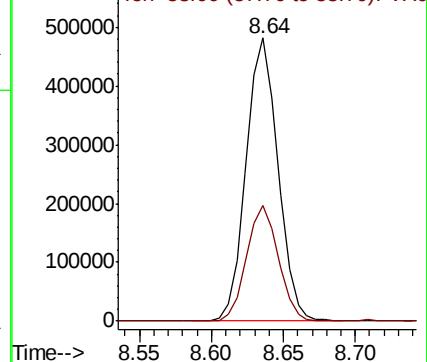
43 100

58 40.7 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: 53.654 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012954.D

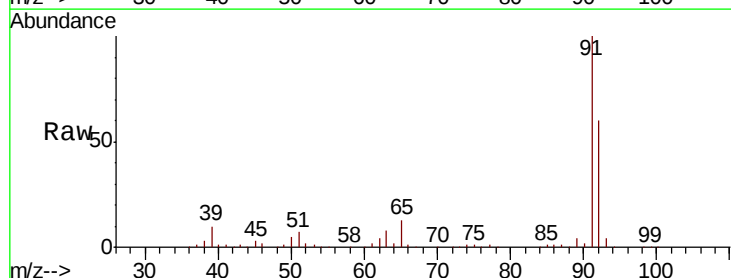
Acq: 09 Oct 2019 19:38

Tgt Ion: 92 Resp: 250456

Ion Ratio Lower Upper

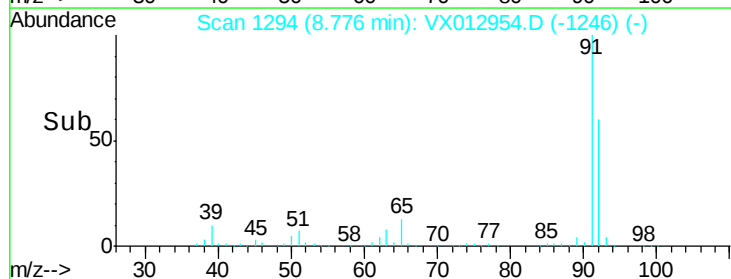
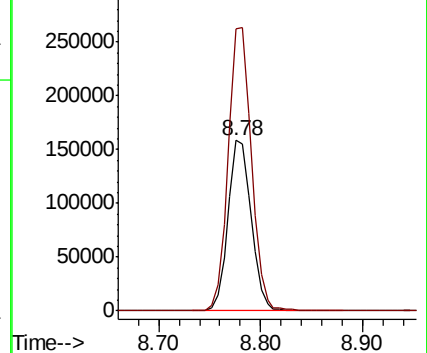
92 100

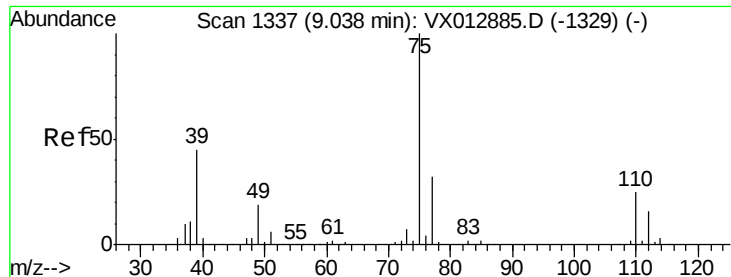
91 166.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

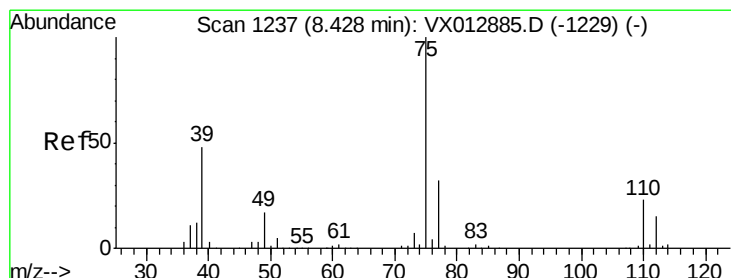
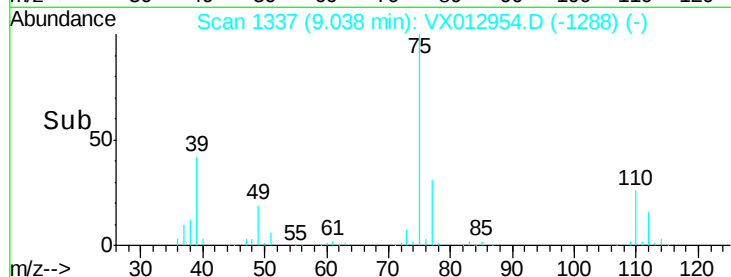
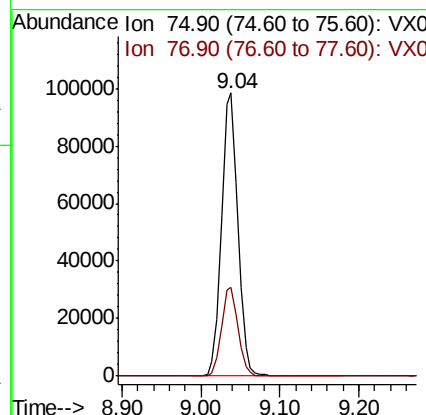
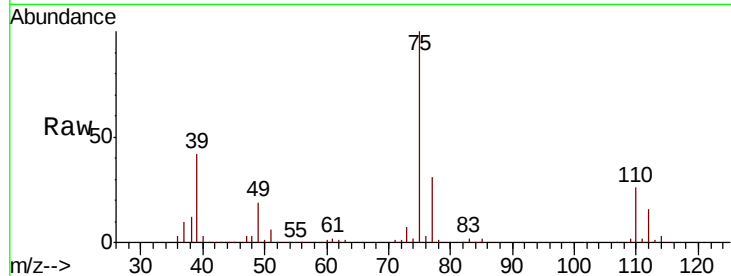




#53
t-1,3-Dichloropropene
Concen: 47.371 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

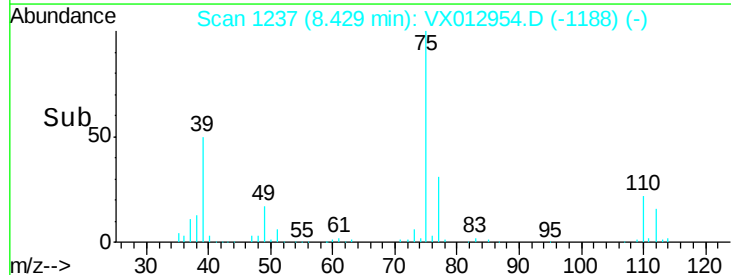
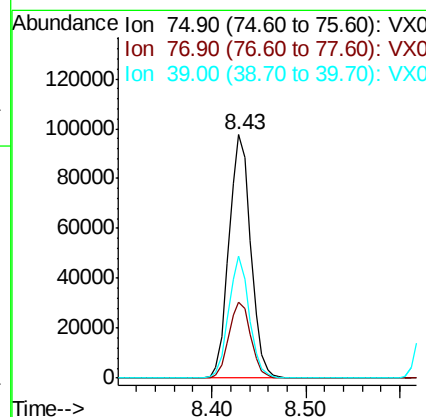
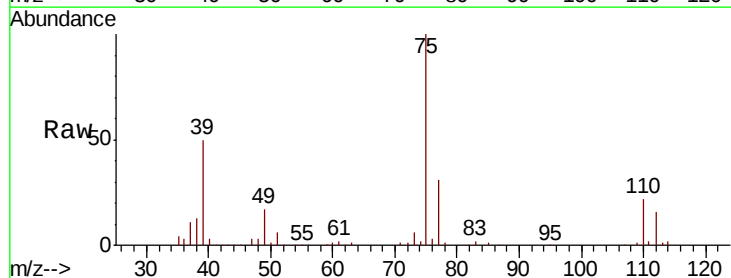
Instrument :
MSVOA_X
ClientSampled :

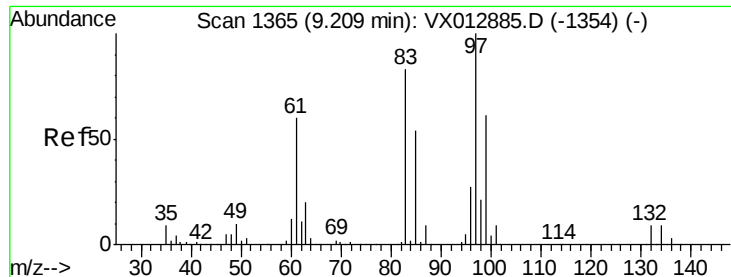
Tot Ion: 75 Resp: 142581
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 52.728 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 75 Resp: 156804
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 50.1 38.2 57.2

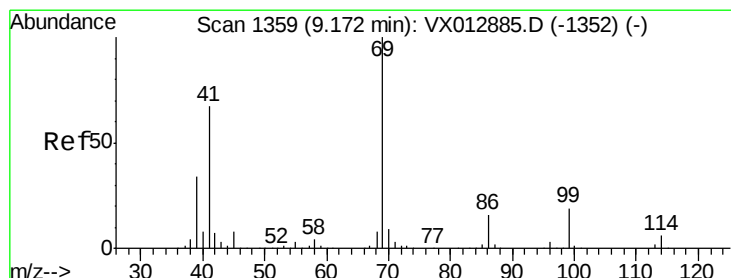
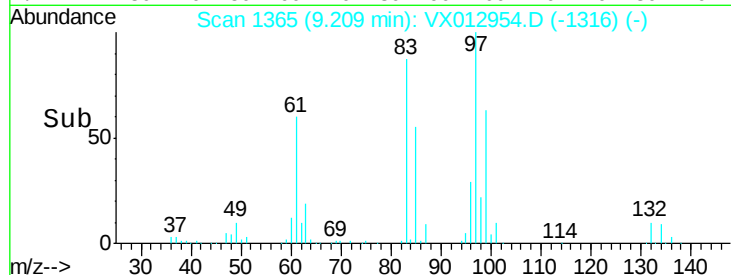
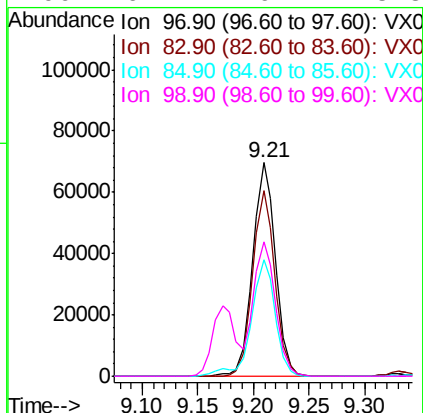
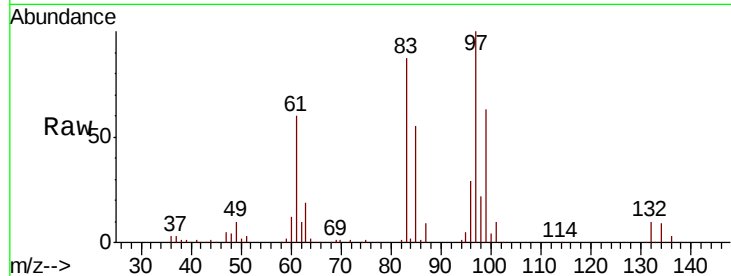




#55
 1,1,2-Trichloroethane
 Concen: 53.846 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

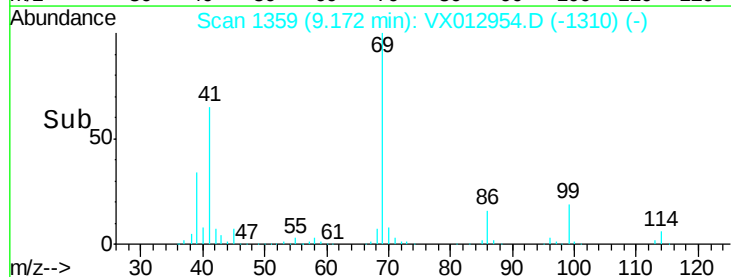
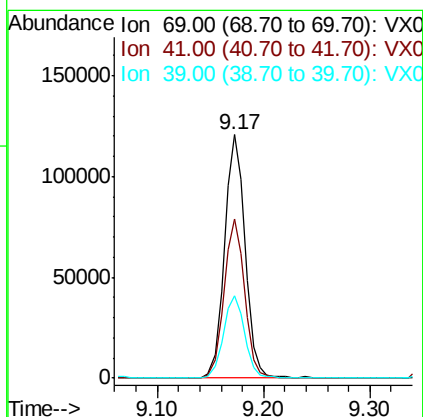
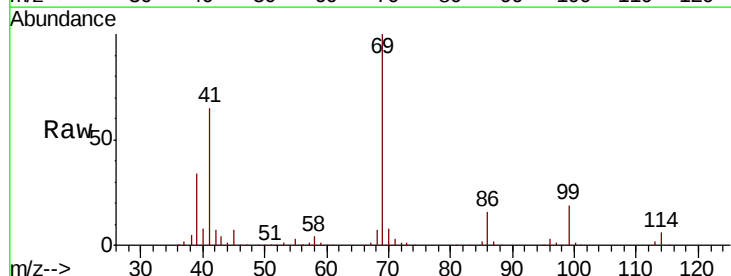
Instrument :
 MSVOA_X
 ClientSampleId :

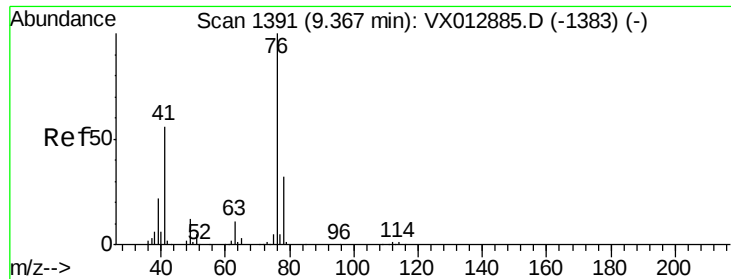
Tot Ion:	97	Resp:	99471
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.5	99.7
85	54.6	43.1	64.7
99	62.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 49.475 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion:	69	Resp:	163596
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.1	78.1
39	34.5	27.8	41.8

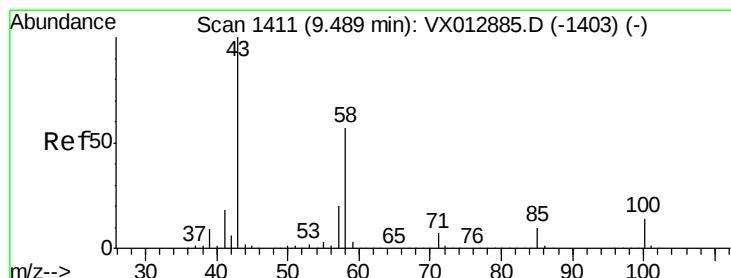
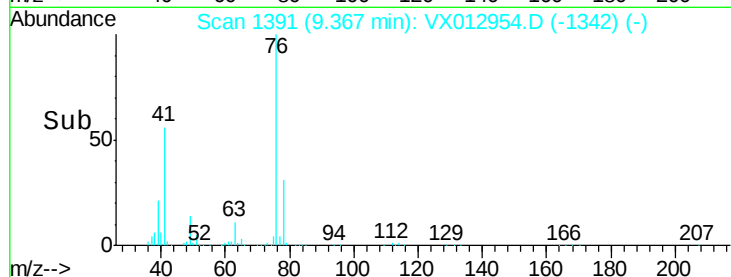
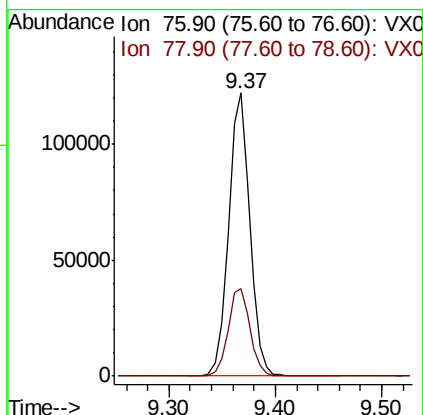
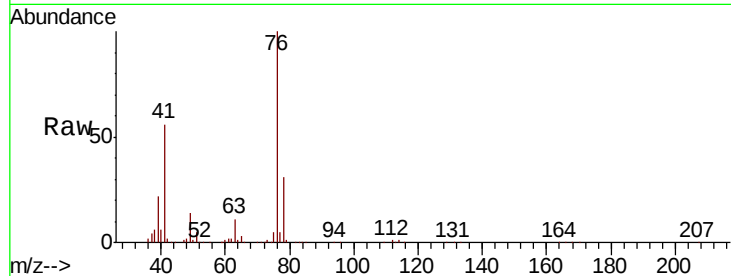




#57
 1,3-Dichloropropane
 Concen: 53.229 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

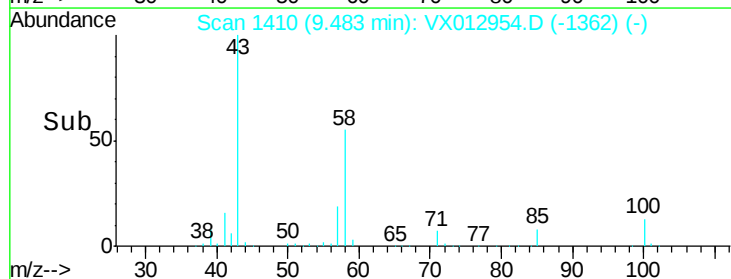
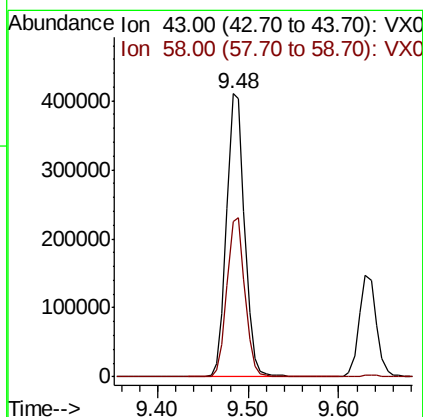
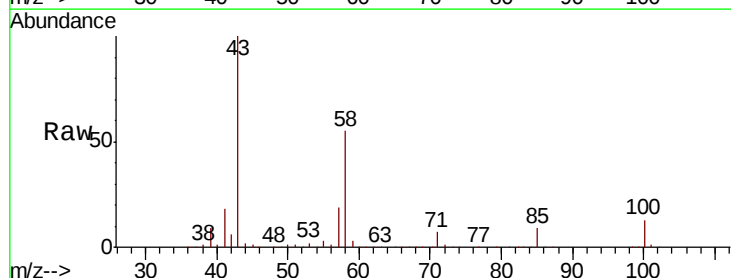
Instrument :
 MSVOA_X
 ClientSampled :

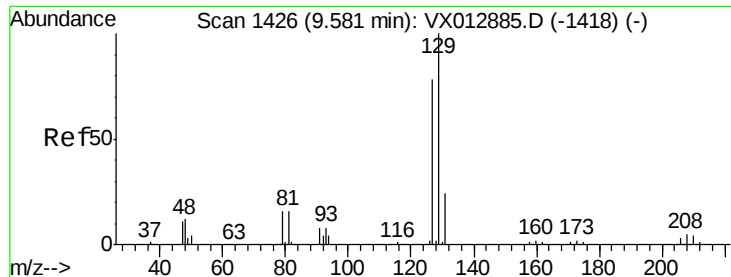
Tot Ion: 76 Resp: 170096
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#59
 2-Hexanone
 Concen: 264.885 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 43 Resp: 570005
 Ion Ratio Lower Upper
 43 100
 58 55.8 28.1 84.3

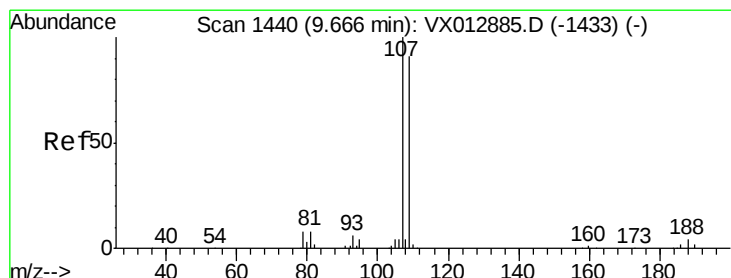
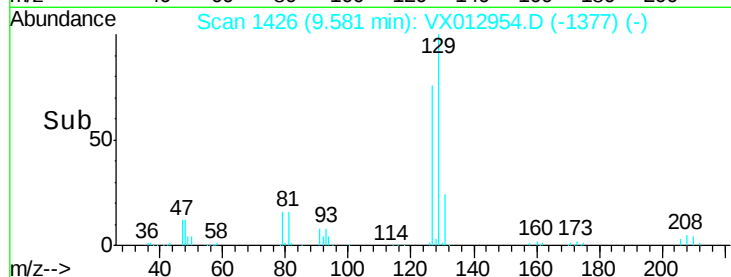
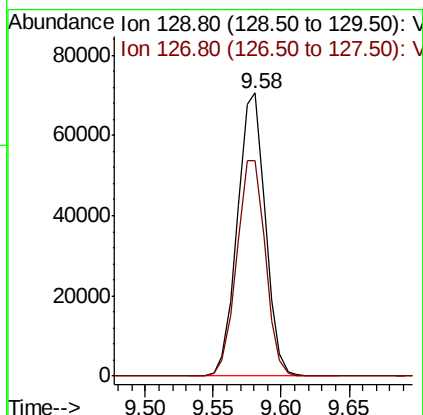
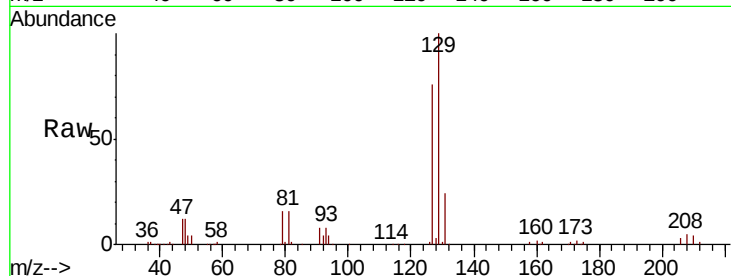




#60
 Dibromochloromethane
 Concen: 49.119 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

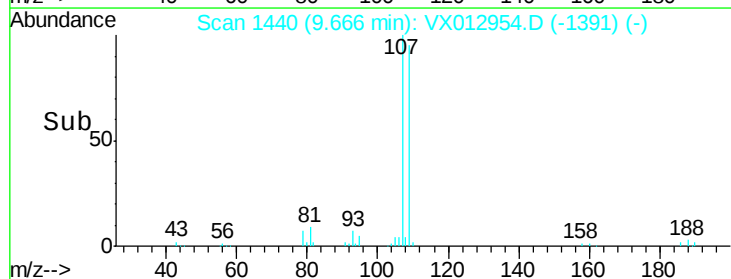
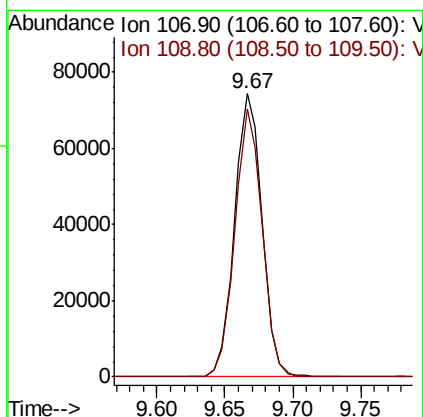
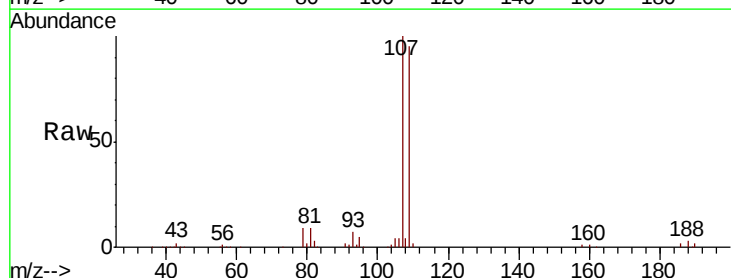
Instrument :
 MSVOA_X
 ClientSampleId :

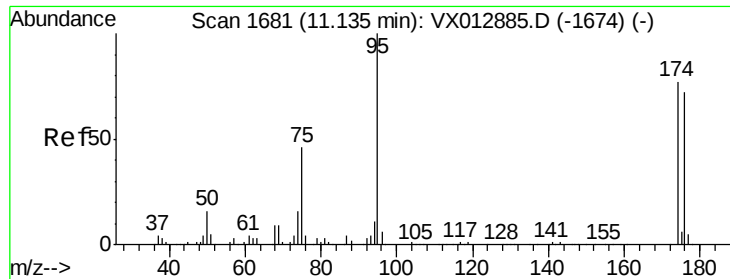
Tot Ion:129 Resp: 100907
 Ion Ratio Lower Upper
 129 100
 127 78.1 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 53.646 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion:107 Resp: 104251
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 51.256 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampled :

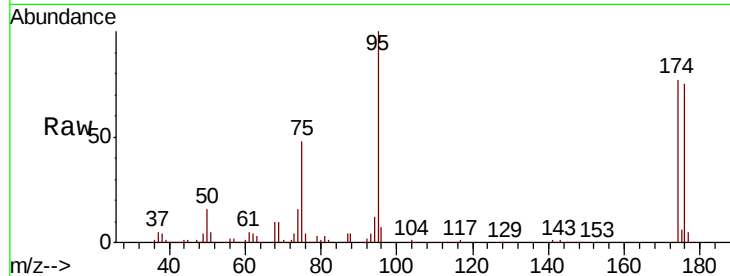
Tot Ion: 95 Resp: 125272

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.4

176 71.1 0.0 136.0

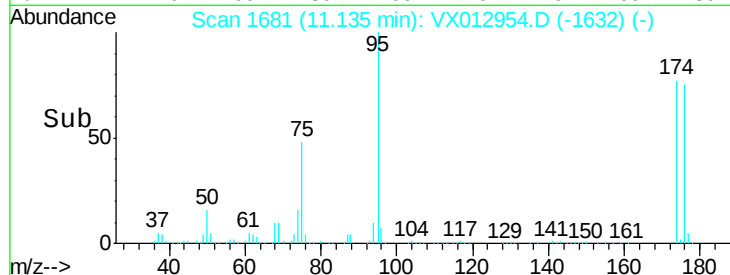


Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)

Time-->

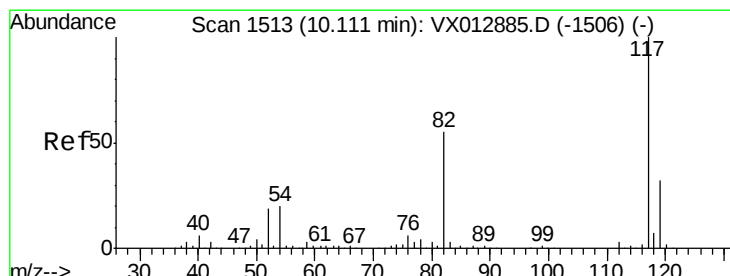


Abundance Ion 94.90 (94.60 to 95.60): VX012954.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012954.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012954.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

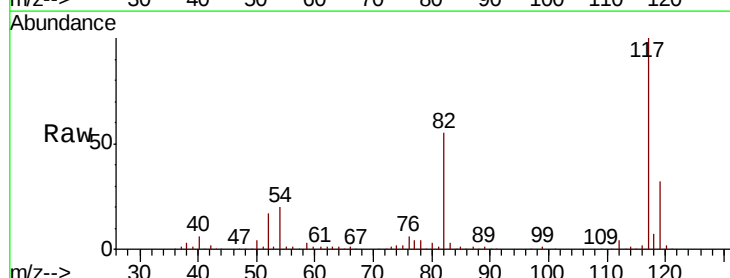
Tgt Ion: 117 Resp: 253068

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

119 32.4 25.8 38.8

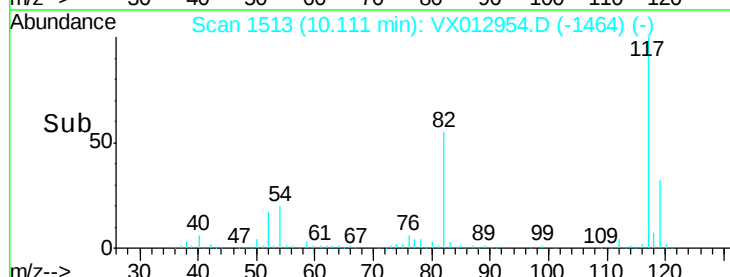


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

Time-->

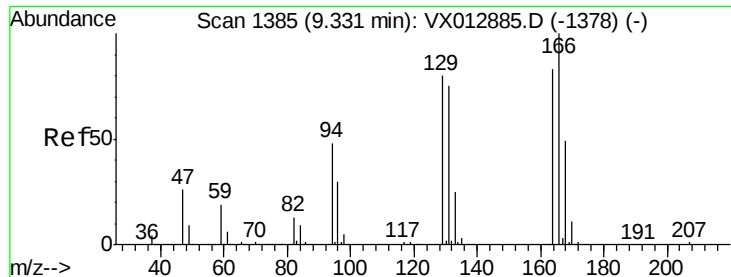


Abundance Ion 116.90 (116.60 to 117.60): VX012954.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012954.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012954.D (-1464) (-)

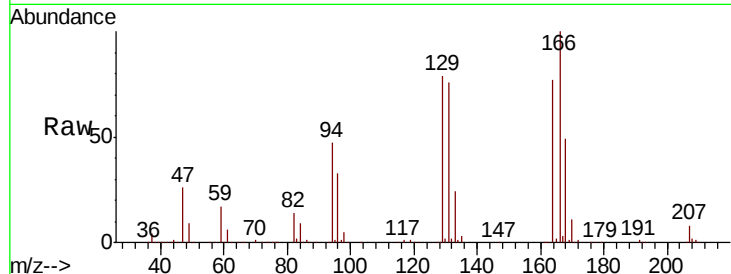
Time-->



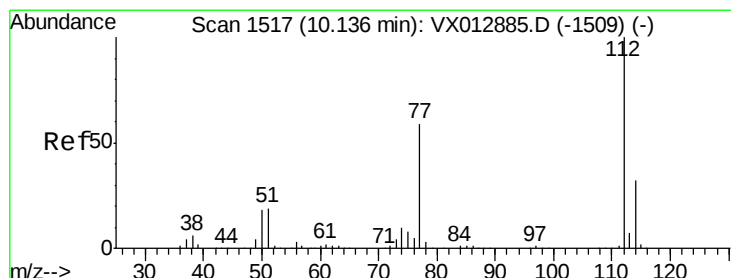
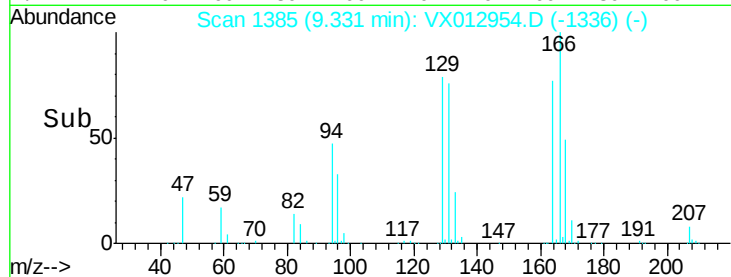
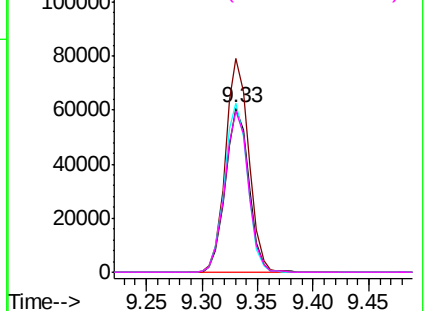
#64
Tetrachloroethene
Concen: 50.405 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 88474
Ion Ratio Lower Upper
164 100
166 130.3 96.9 145.3
129 103.0 77.9 116.9
131 98.6 72.7 109.1

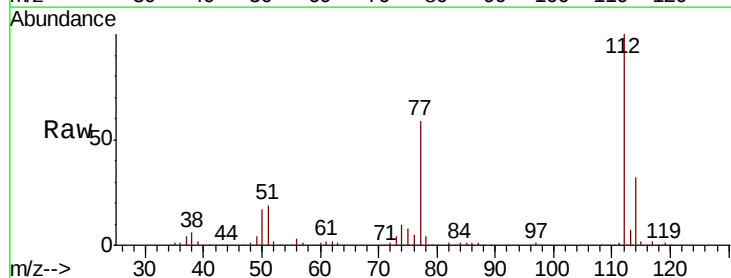


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

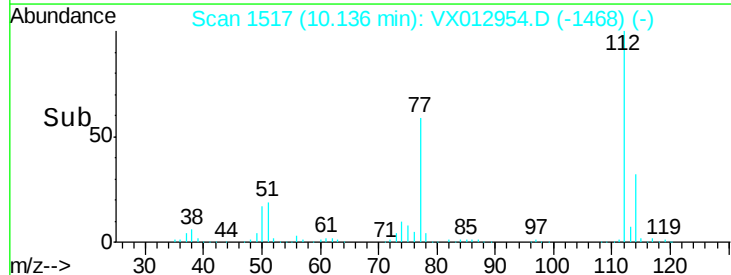
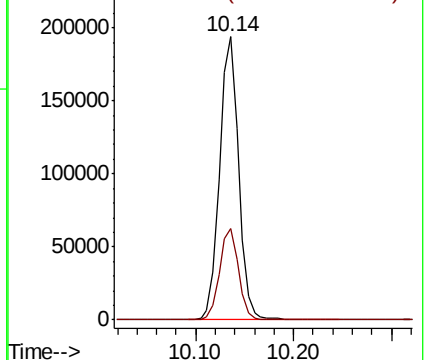


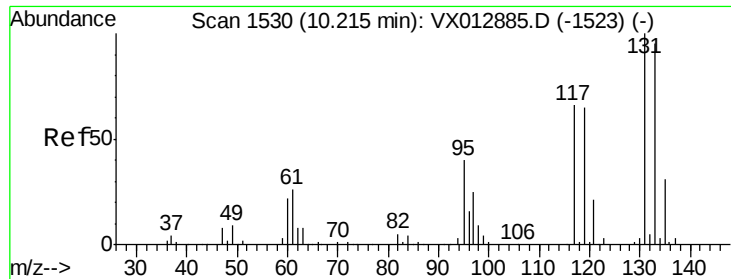
#65
Chlorobenzene
Concen: 51.867 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:112 Resp: 260657
Ion Ratio Lower Upper
112 100
114 32.1 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: 54.234 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

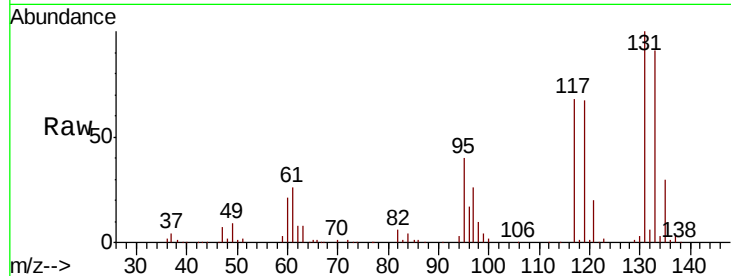
Tot Ion:131 Resp: 94501

Ion Ratio Lower Upper

131 100

133 95.1 47.2 141.6

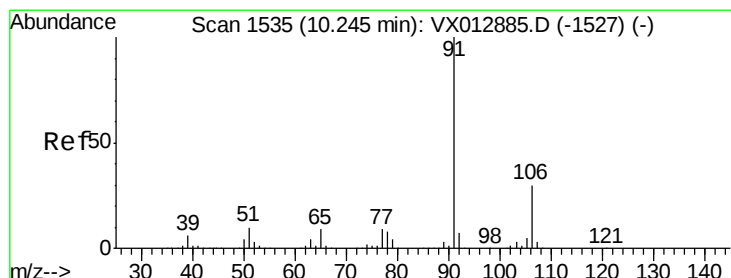
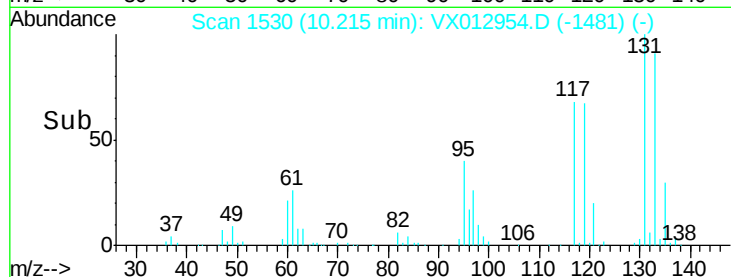
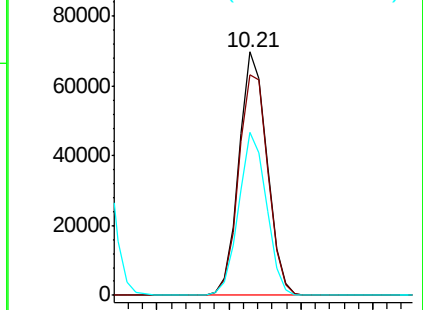
119 66.1 32.6 98.0



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: 53.241 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012954.D

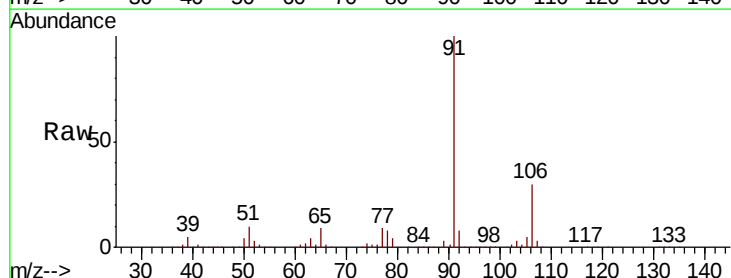
Acq: 09 Oct 2019 19:38

Tgt Ion: 91 Resp: 475272

Ion Ratio Lower Upper

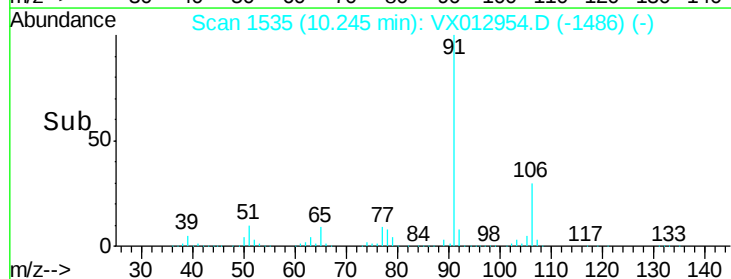
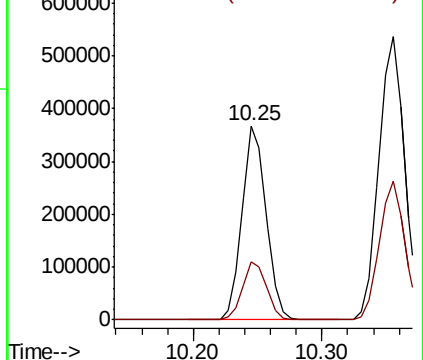
91 100

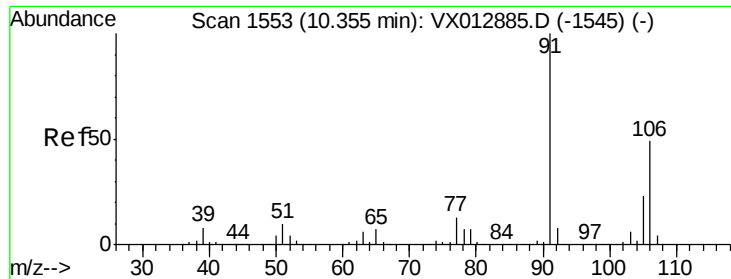
106 30.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

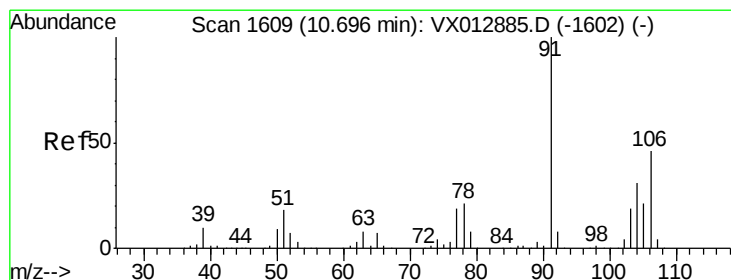
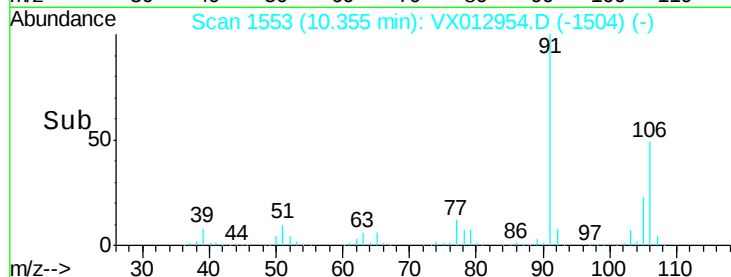
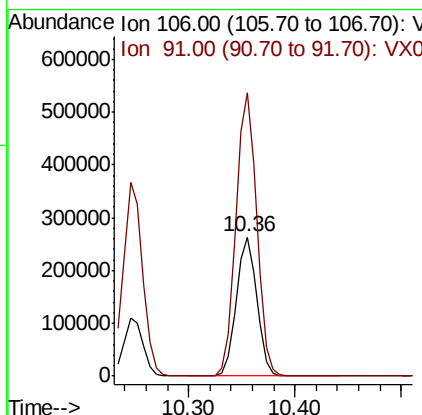
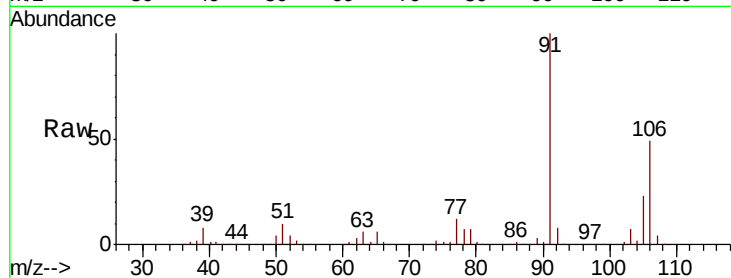




#68
m/p-Xvlenes
Concen: 107.349 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

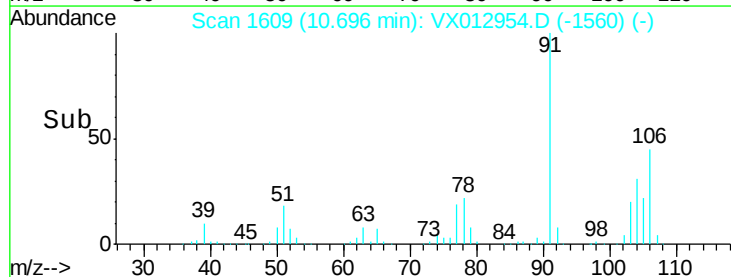
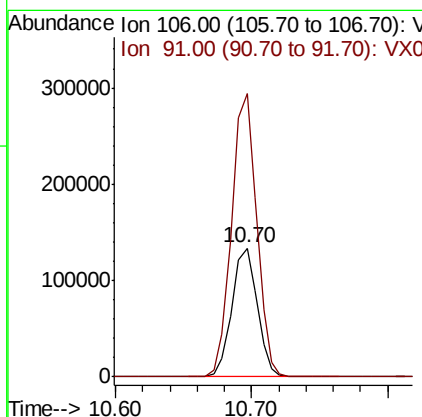
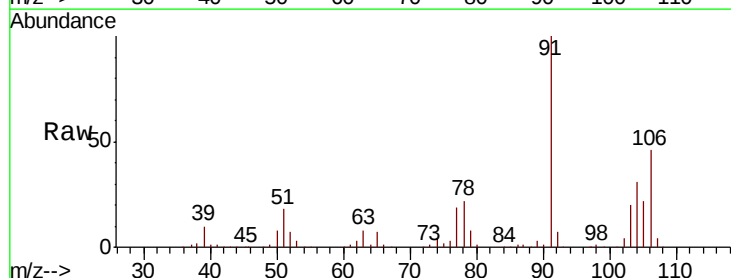
Instrument :
MSVOA_X
ClientSampled :

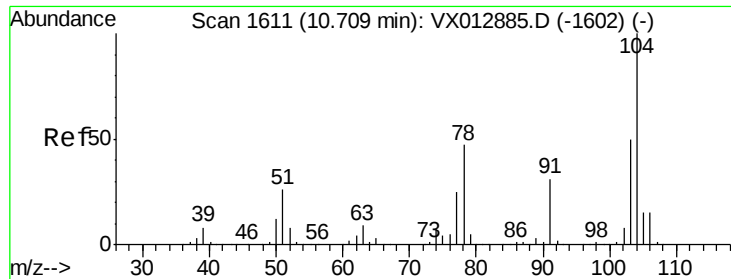
Tot Ion:106 Resp: 357997
Ion Ratio Lower Upper
106 100
91 206.1 165.3 247.9



#69
o-Xylene
Concen: 53.434 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:106 Resp: 173773
Ion Ratio Lower Upper
106 100
91 217.7 109.1 327.3

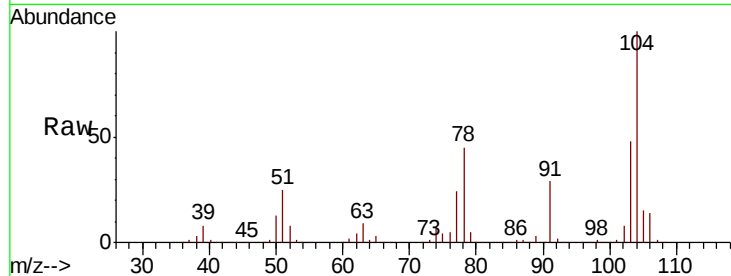




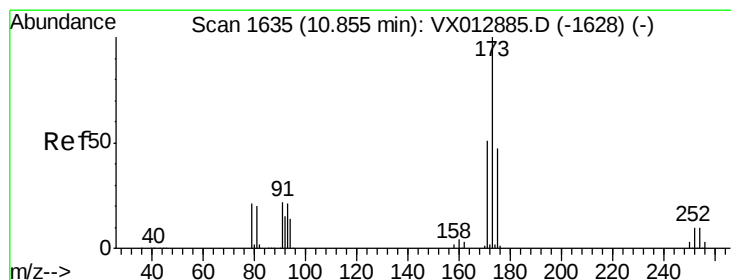
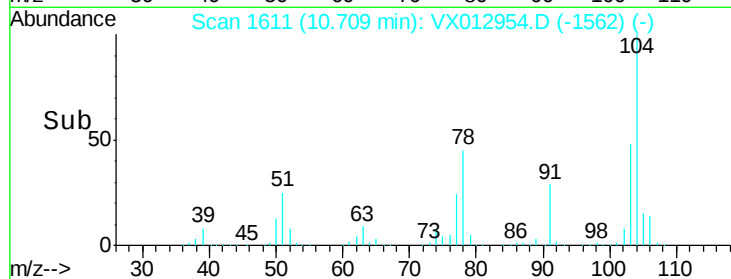
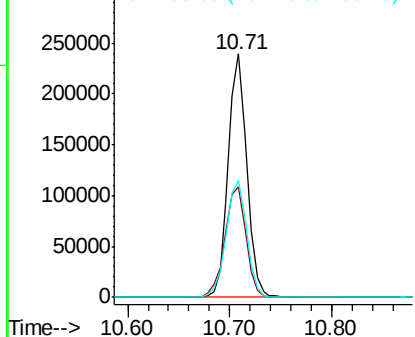
#70
Stvrene
Concen: 54.359 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 300532
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 53.5 43.0 64.4

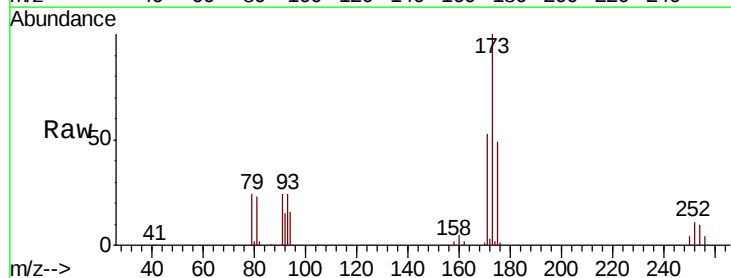


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

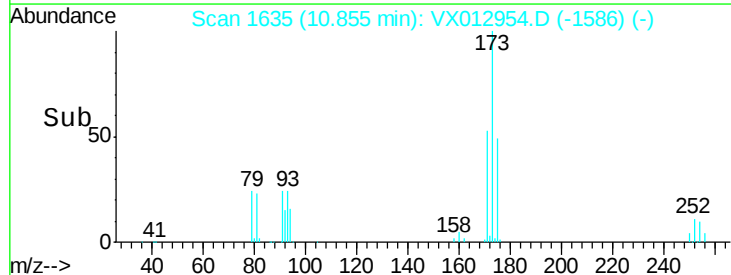
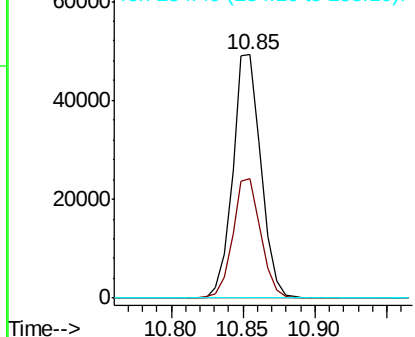


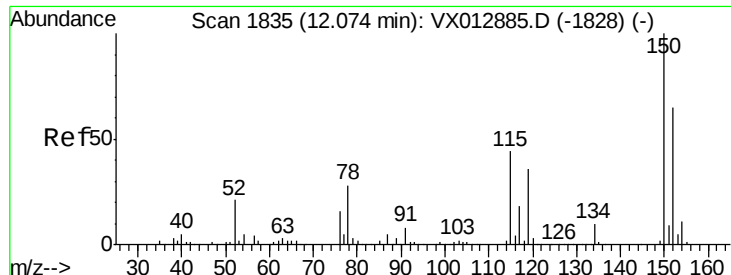
#71
Bromoform
Concen: 45.664 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:173 Resp: 67354
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.3
254 0.1 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

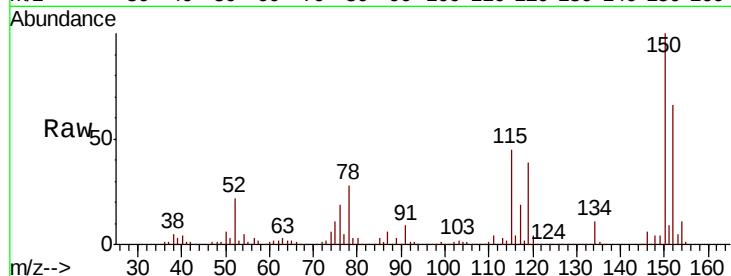
Tot Ion:152 Resp: 118090

Ion Ratio Lower Upper

152 100

115 88.8 44.5 133.5

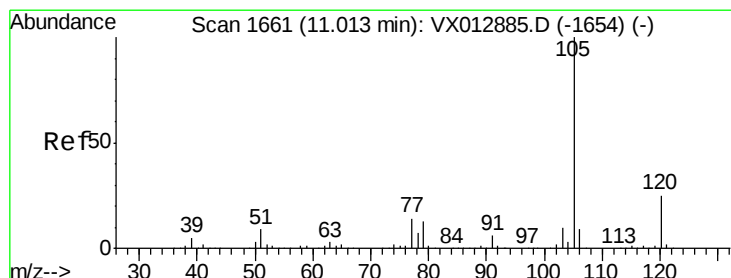
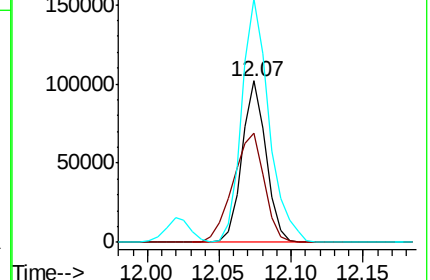
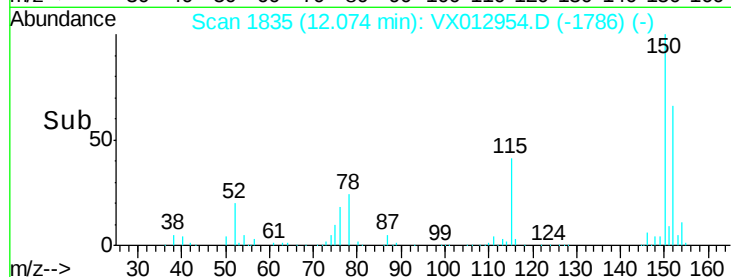
150 172.1 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 53.463 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012954.D

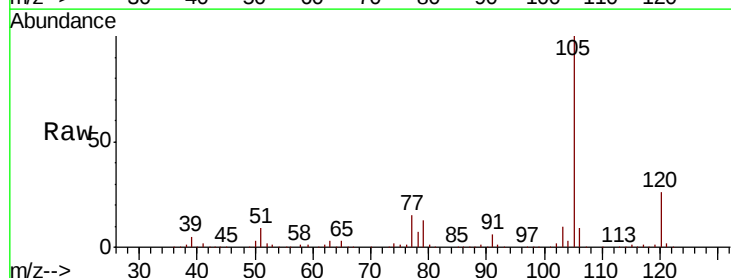
Acq: 09 Oct 2019 19:38

Tgt Ion:105 Resp: 464176

Ion Ratio Lower Upper

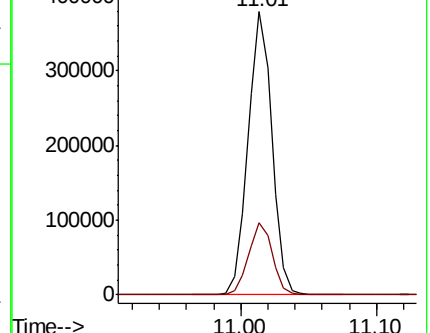
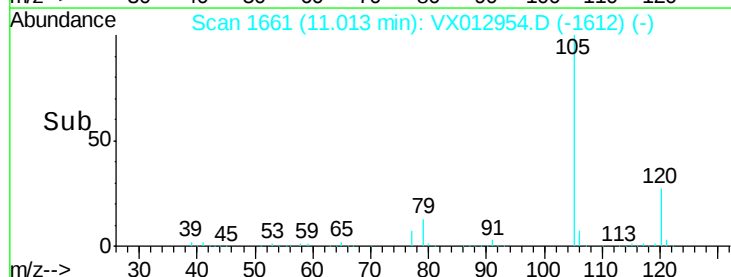
105 100

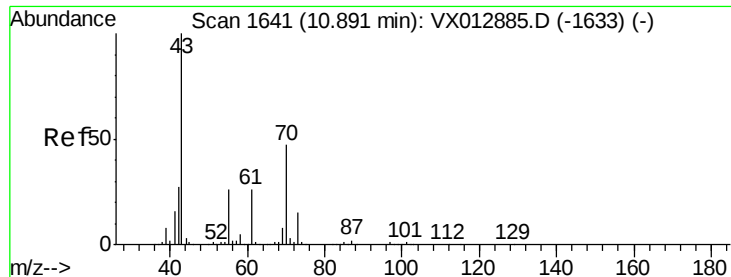
120 25.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.559 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 189052

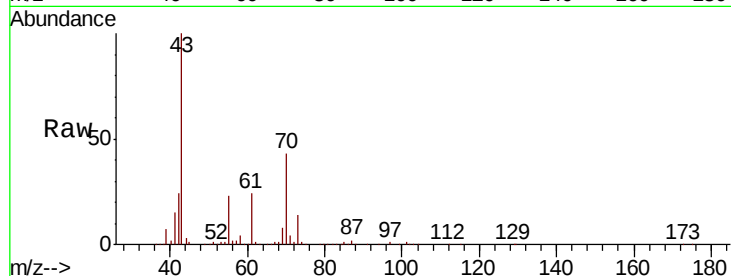
Ion Ratio Lower Upper

43 100

70 44.0 36.4 54.6

55 24.3 20.2 30.2

61 24.9 20.5 30.7

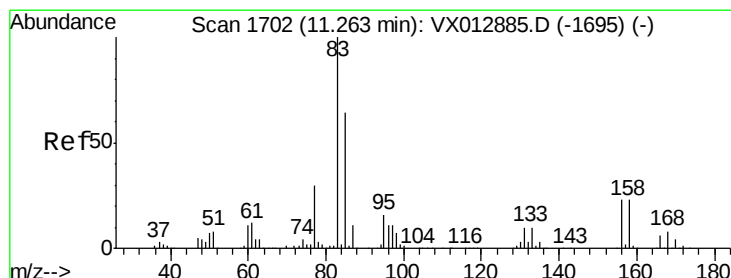
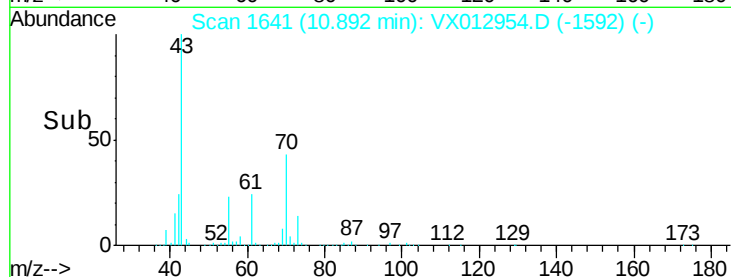
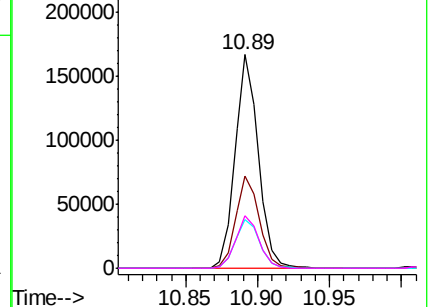


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 53.257 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

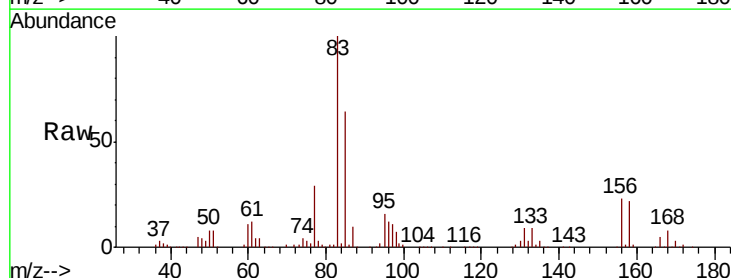
Tgt Ion: 83 Resp: 153790

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

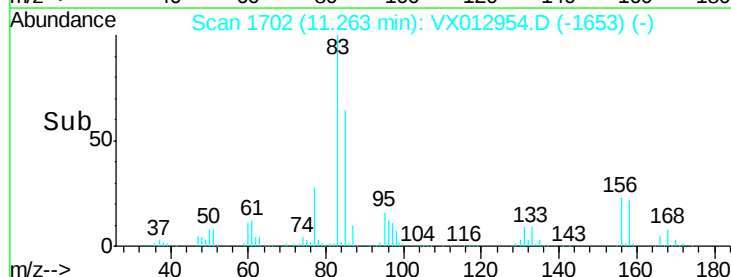
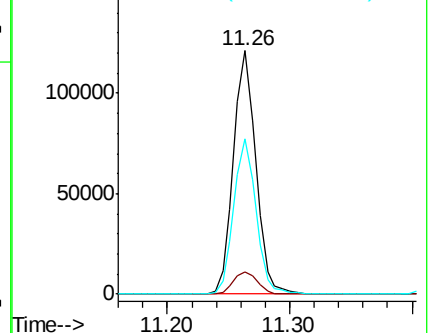
85 63.3 32.1 96.5

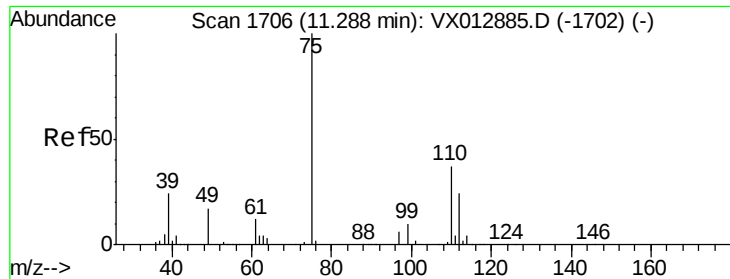


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

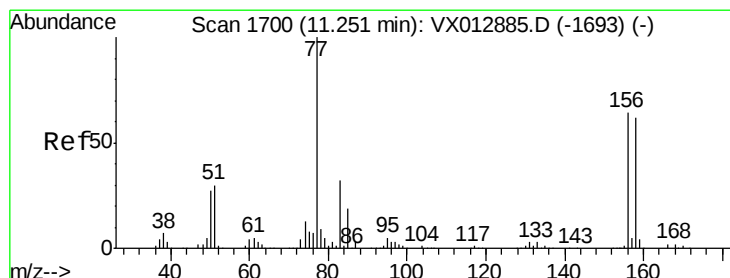
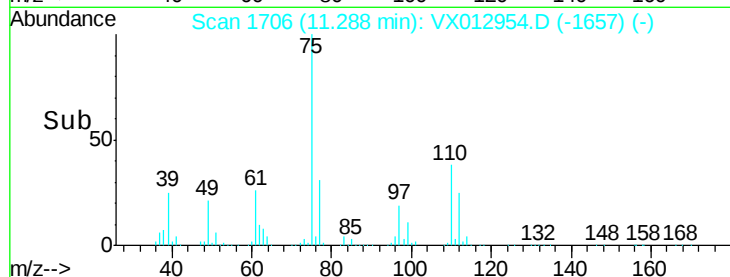
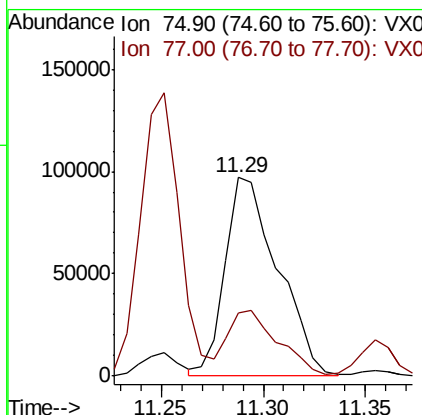
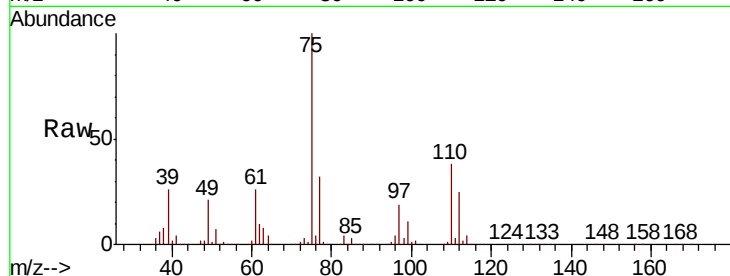




#76
 1,2,3-Trichloropropane
 Concen: 66.647 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

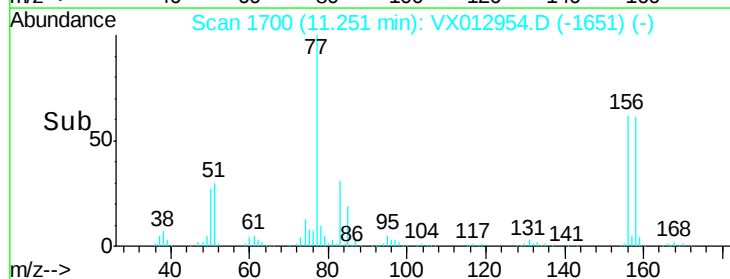
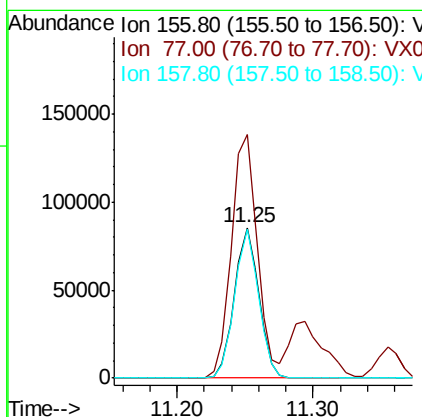
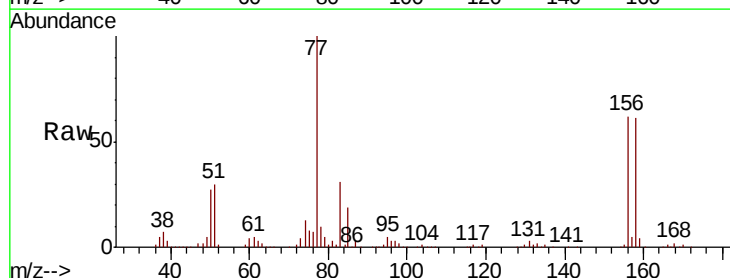
Instrument :
 MSVOA_X
 ClientSampled :

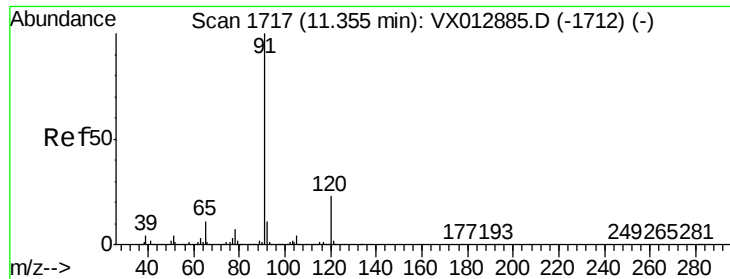
Tot Ion: 75 Resp: 174564
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.9 68.8



#77
 Bromobenzene
 Concen: 52.373 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 156 Resp: 107152
 Ion Ratio Lower Upper
 156 100
 77 171.7 83.7 251.0
 158 97.4 48.6 145.9





#78

n-propylbenzene

Concen: 54.151 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

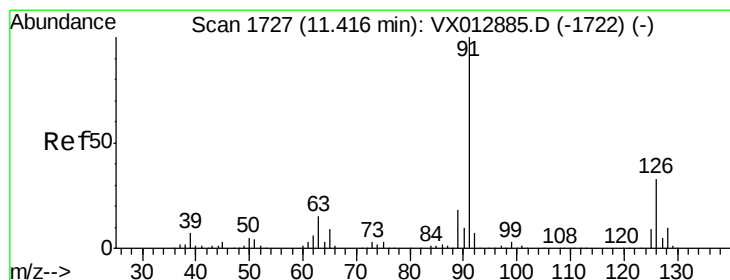
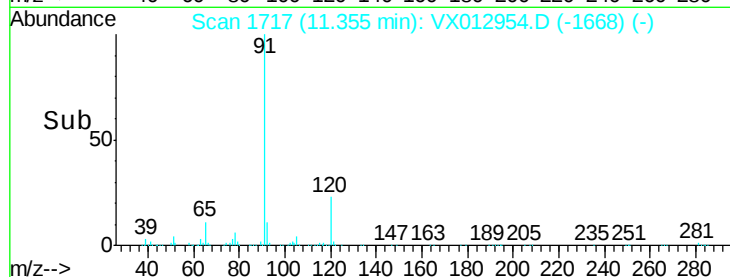
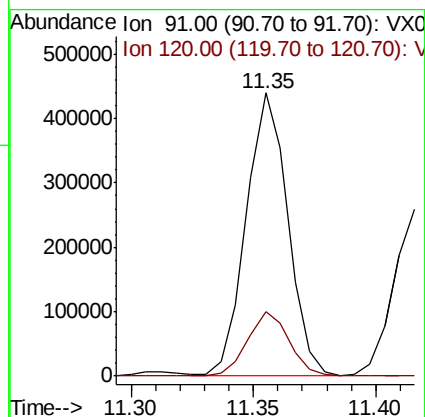
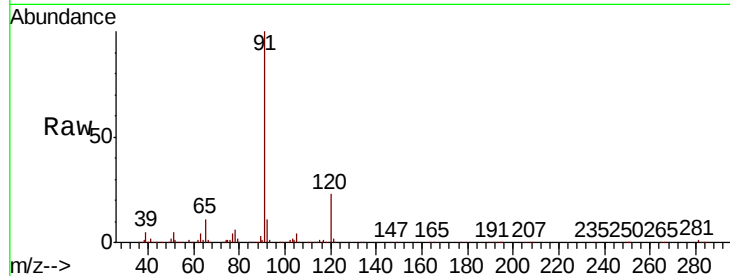
ClientSampleId :

Tot Ion: 91 Resp: 517338

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.1



#79

2-Chlorotoluene

Concen: 53.435 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012954.D

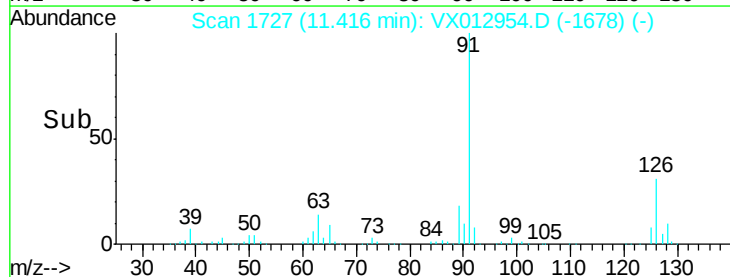
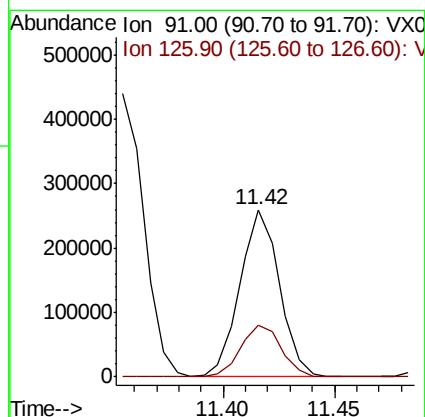
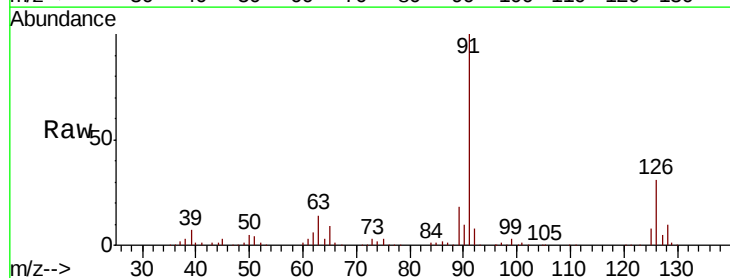
Acq: 09 Oct 2019 19:38

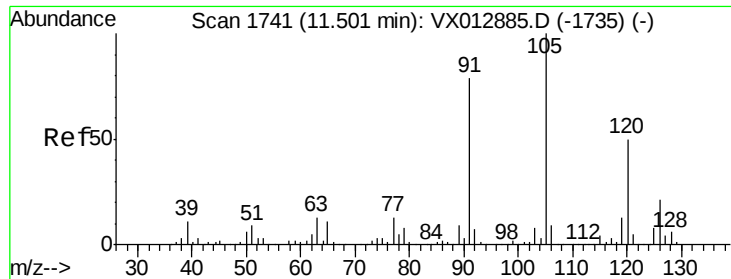
Tgt Ion: 91 Resp: 320829

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8

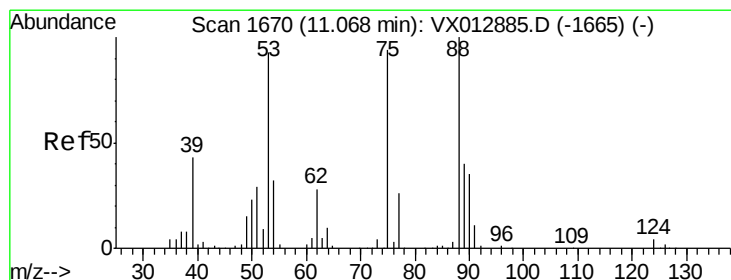
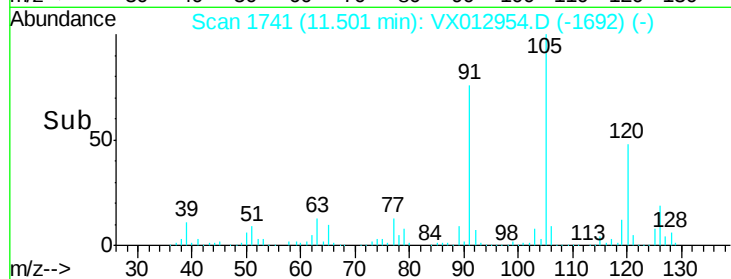
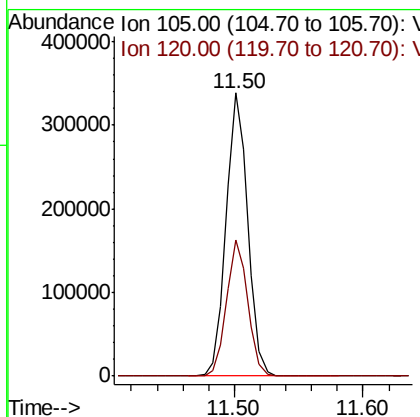
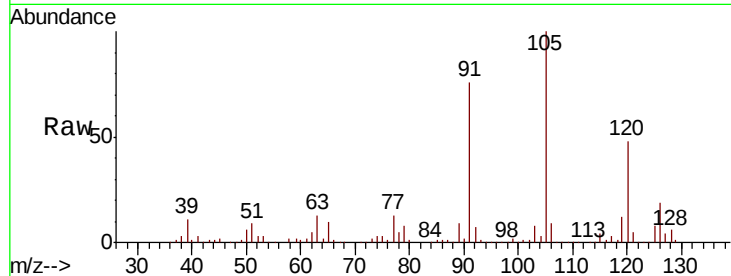




#80
 1,3,5-Trimethylbenzene
 Concen: 55.417 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

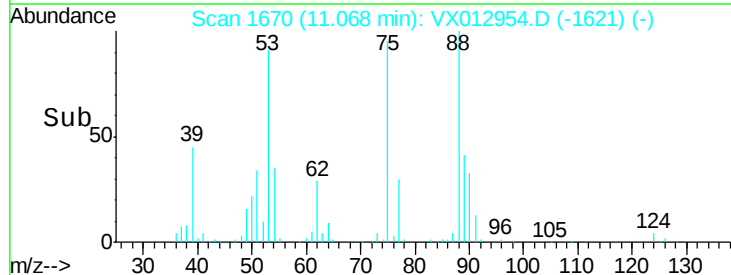
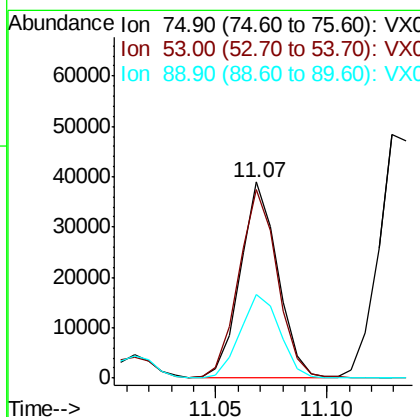
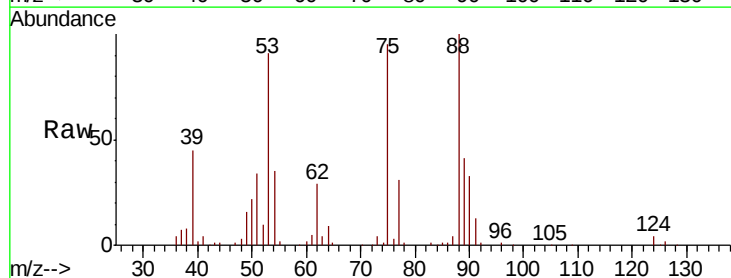
Instrument :
 MSVOA_X
 ClientSampleId :

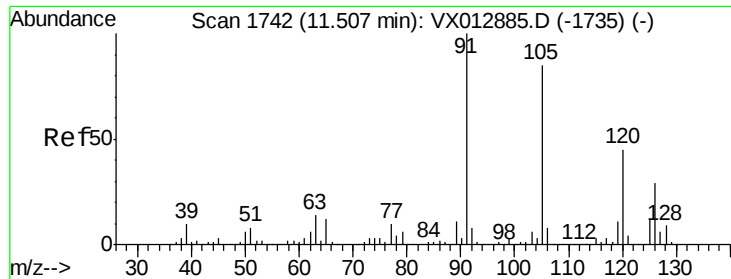
Tot Ion:105 Resp: 401751
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.160 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion: 75 Resp: 45560
 Ion Ratio Lower Upper
 75 100
 53 99.6 78.5 117.7
 89 45.9 37.4 56.2

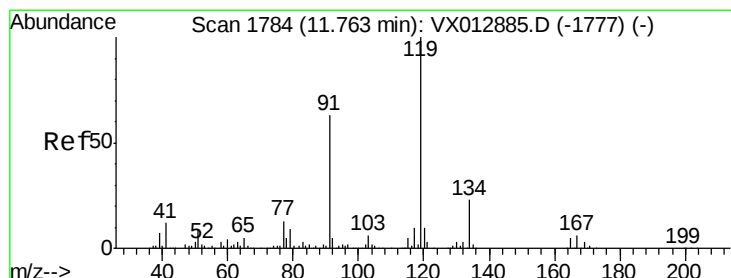
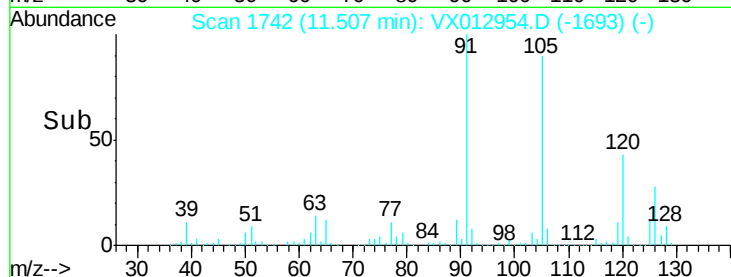
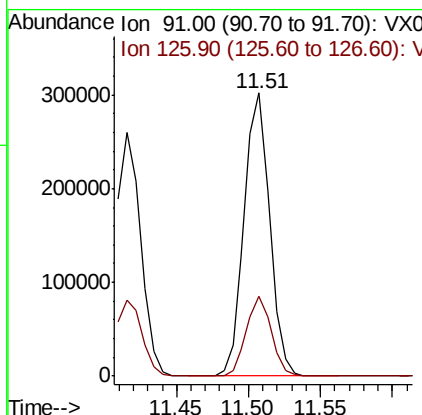
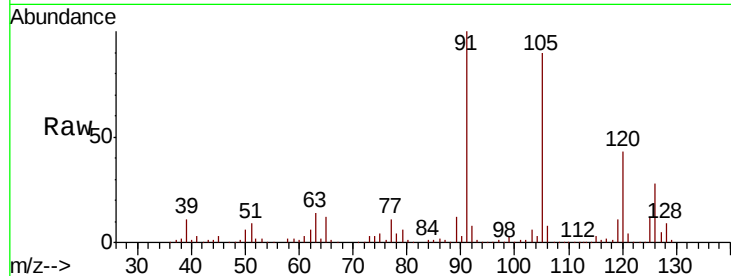




#82
4-Chlorotoluene
Concen: 54.008 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

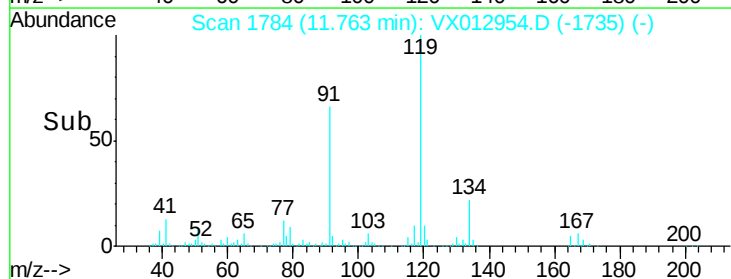
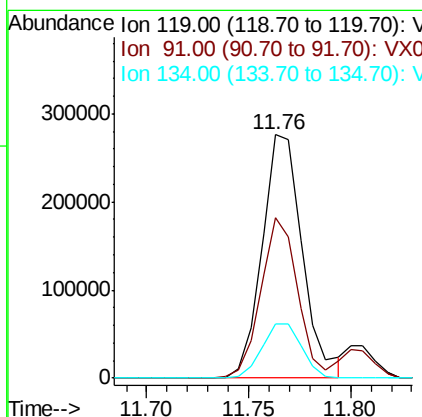
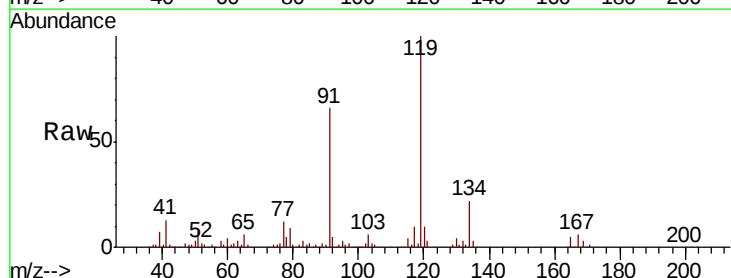
Instrument :
MSVOA_X
ClientSampleId :

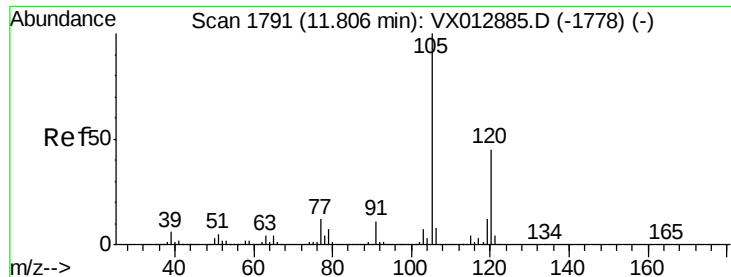
Tot Ion: 91 Resp: 371678
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6



#83
tert-Butylbenzene
Concen: 53.844 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion: 119 Resp: 380782
Ion Ratio Lower Upper
119 100
91 60.1 29.3 87.9
134 22.0 11.5 34.4

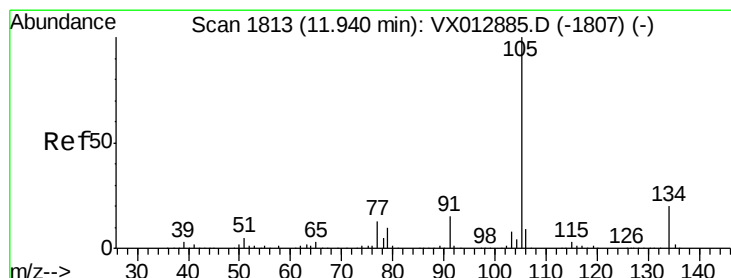
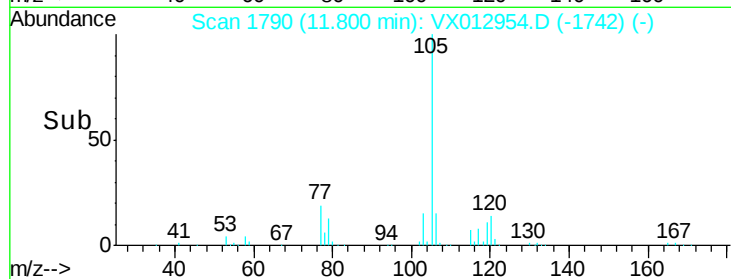
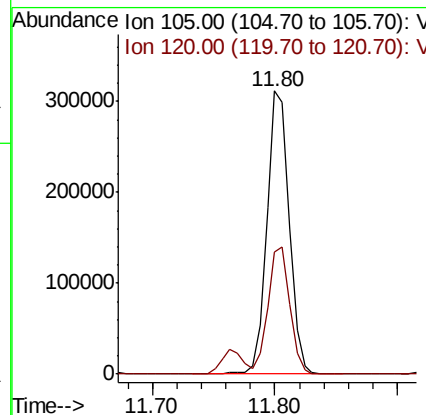
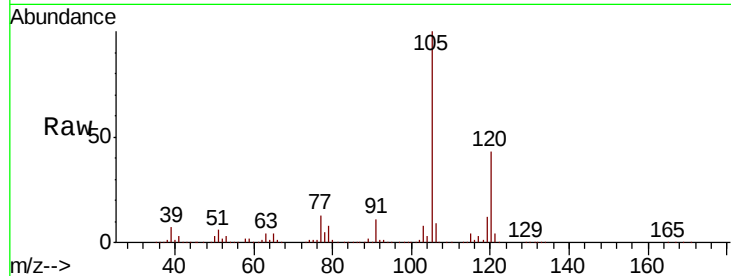




#84
1,2,4-Trimethylbenzene
Concen: 54.035 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

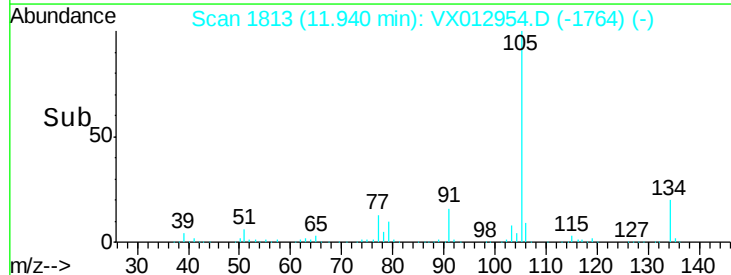
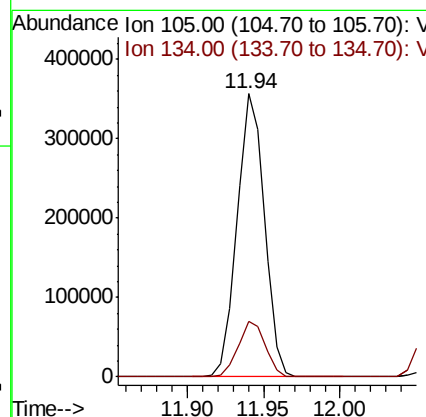
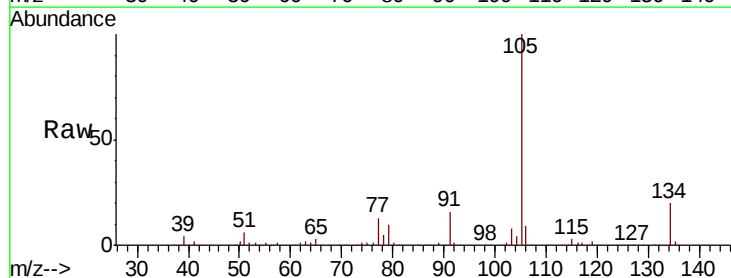
Instrument :
MSVOA_X
ClientSampled :

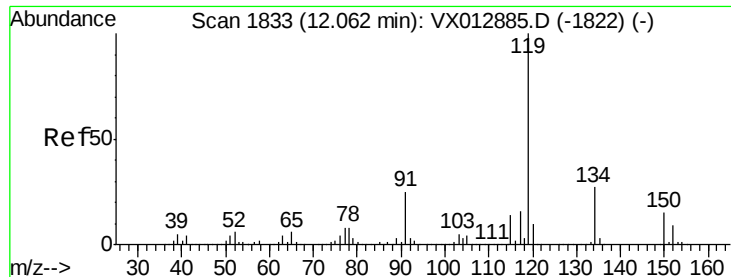
Tot Ion:105 Resp: 396742
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3



#85
sec-Butylbenzene
Concen: 53.906 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:105 Resp: 441661
Ion Ratio Lower Upper
105 100
134 19.4 10.0 30.0

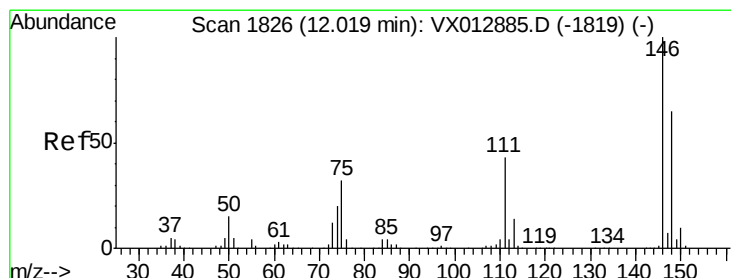
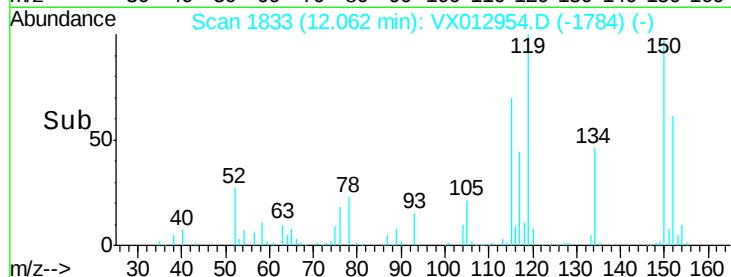
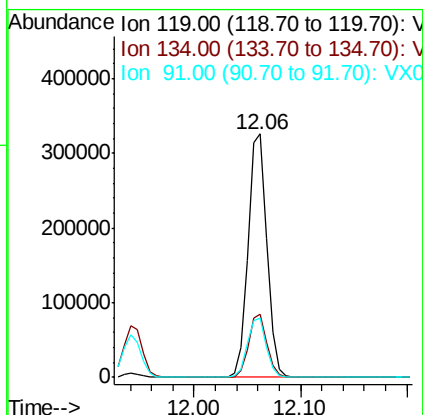
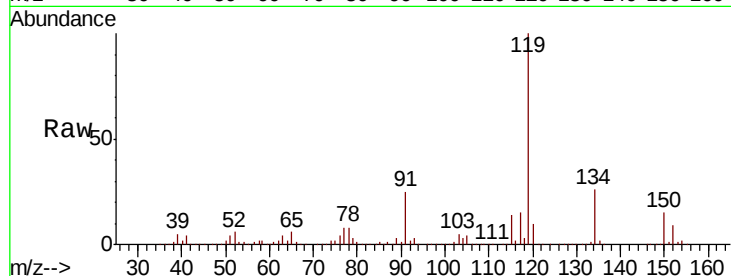




#86
 p-Isopropyltoluene
 Concen: 53.267 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

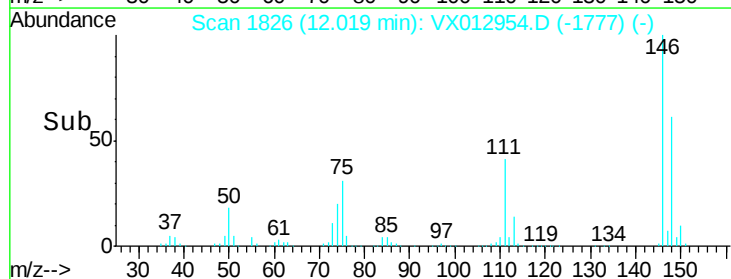
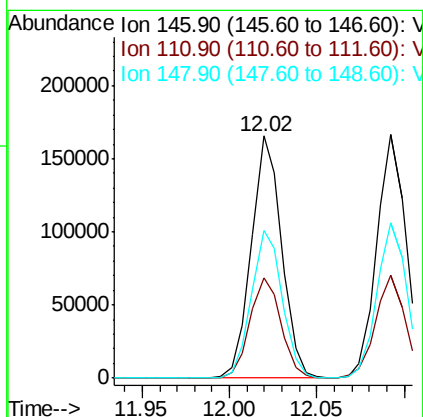
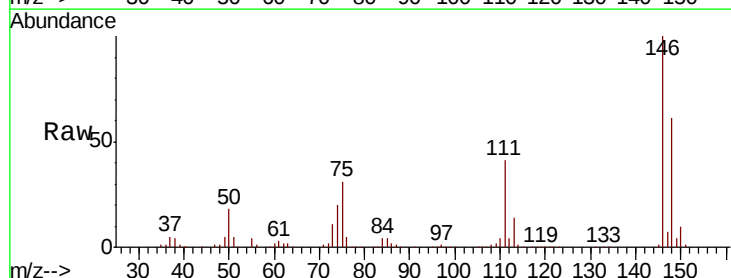
Instrument :
 MSVOA_X
 ClientSampleId :

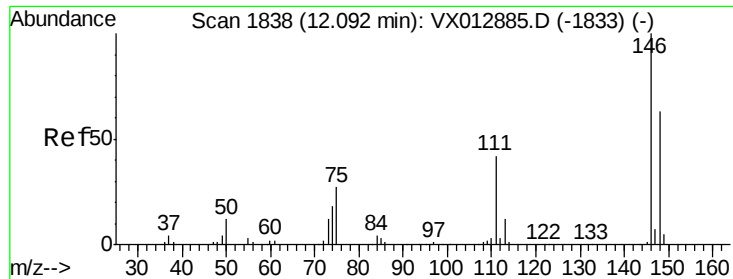
Tot Ion:119 Resp: 404762
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.6 12.4 37.4



#87
 1,3-Dichlorobenzene
 Concen: 52.404 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Tgt Ion:146 Resp: 199100
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.4
 148 62.1 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 50.688 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampled :

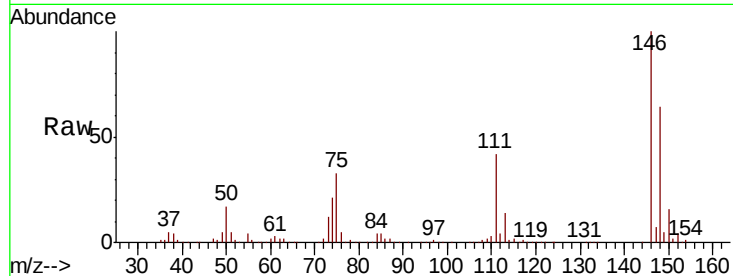
Tot Ion:146 Resp: 195039

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

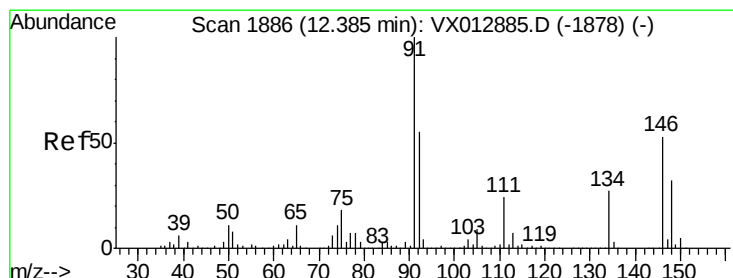
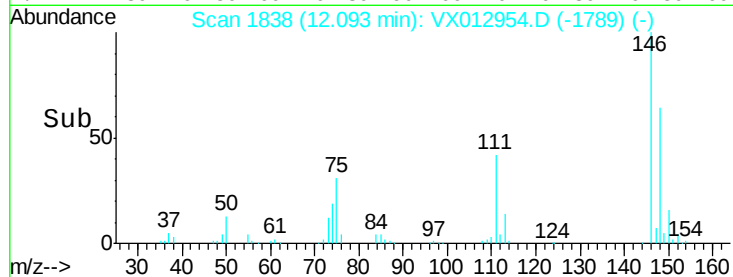
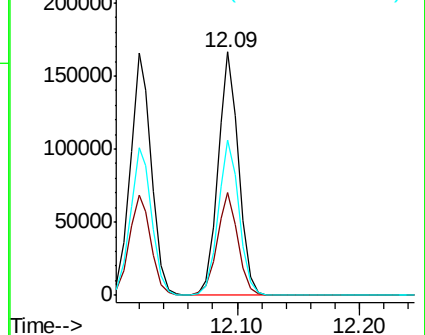
148 64.6 32.1 96.5



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: 52.996 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

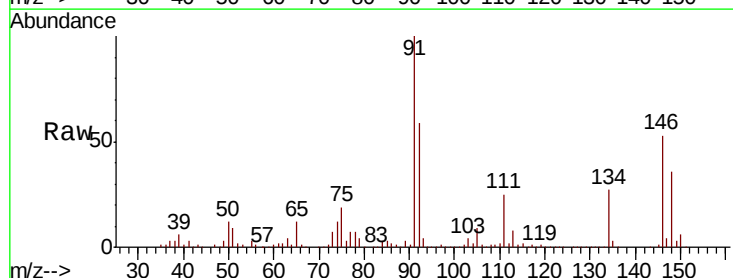
Tgt Ion: 91 Resp: 338456

Ion Ratio Lower Upper

91 100

92 55.3 27.5 82.5

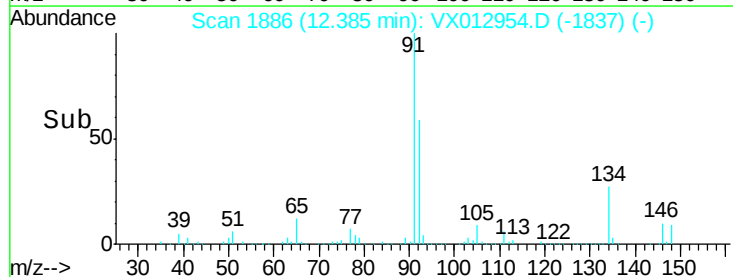
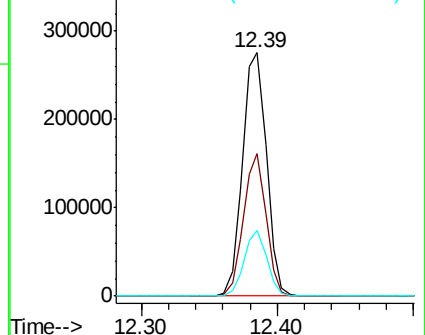
134 25.6 12.9 38.7

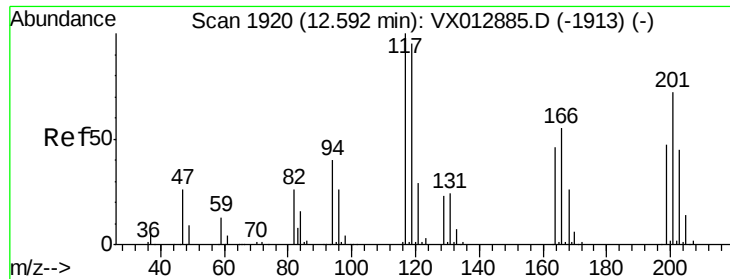


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

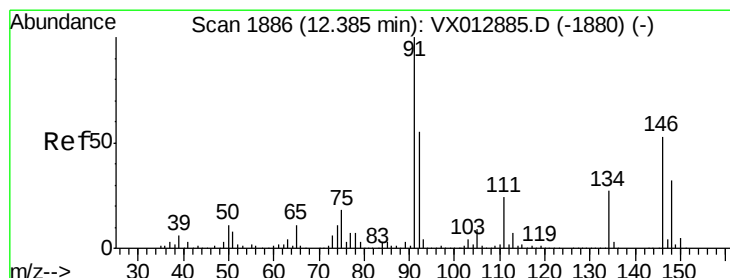
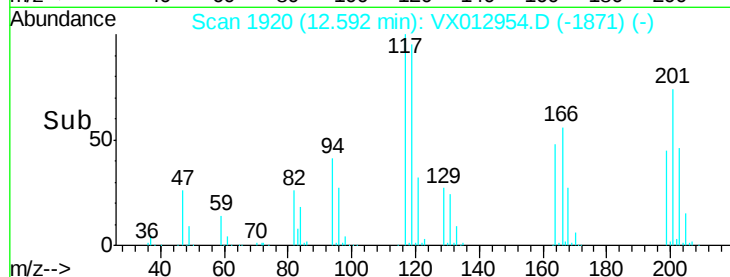
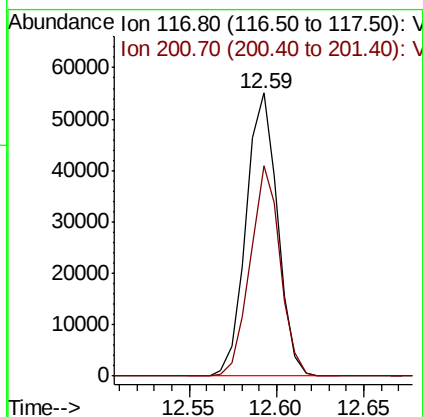
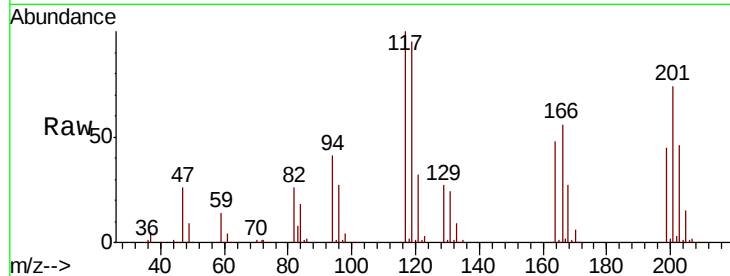




#90
Hexachloroethane
Concen: 49.157 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

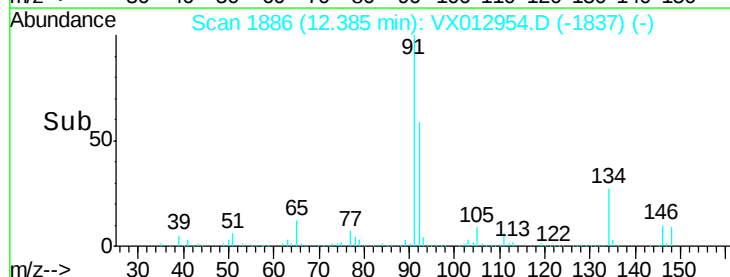
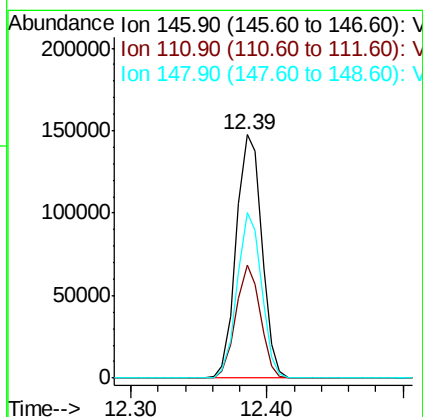
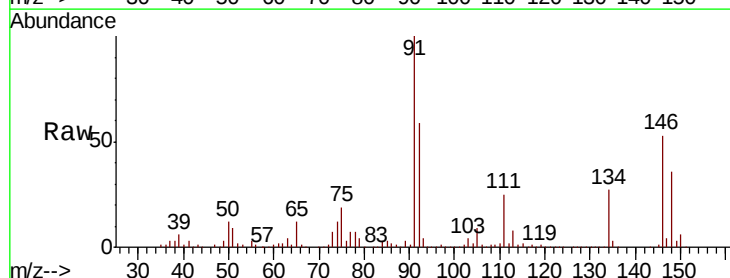
Instrument :
MSVOA_X
ClientSampleId :

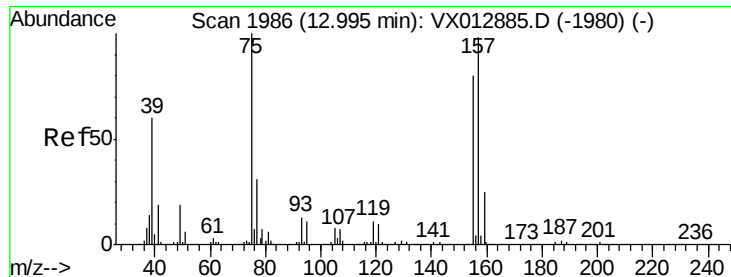
Tot Ion:117 Resp: 69130
Ion Ratio Lower Upper
117 100
201 71.1 36.9 110.7



#91
1,2-Dichlorobenzene
Concen: 51.950 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012954.D
Acq: 09 Oct 2019 19:38

Tgt Ion:146 Resp: 193498
Ion Ratio Lower Upper
146 100
111 44.4 22.7 68.0
148 64.8 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.188 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

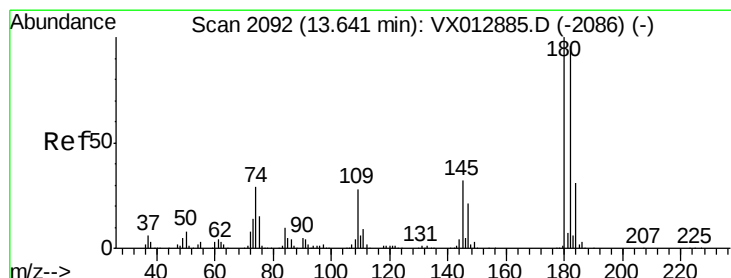
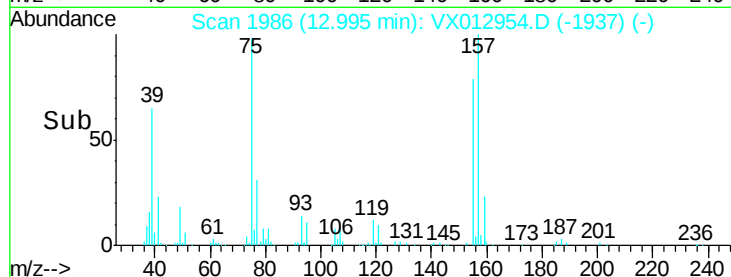
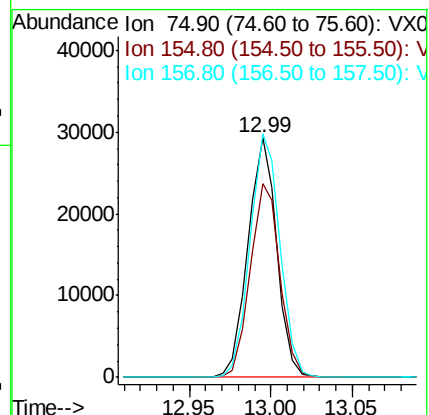
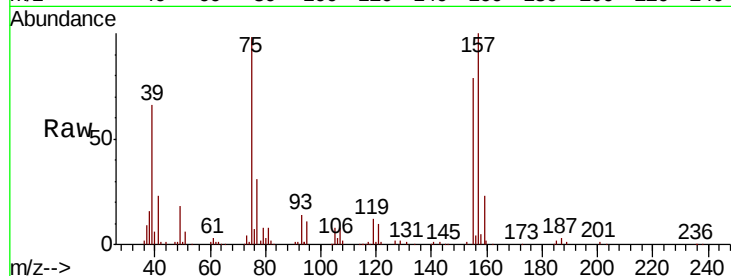
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 35999

Ion	Ratio	Lower	Upper
75	100		
155	82.9	43.0	128.8
157	105.5	54.1	162.3



#93

1,2,4-Trichlorobenzene

Concen: 51.802 ug/l

RT: 13.64 min Scan# 2092

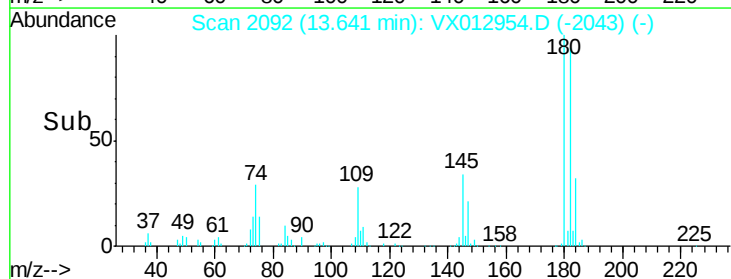
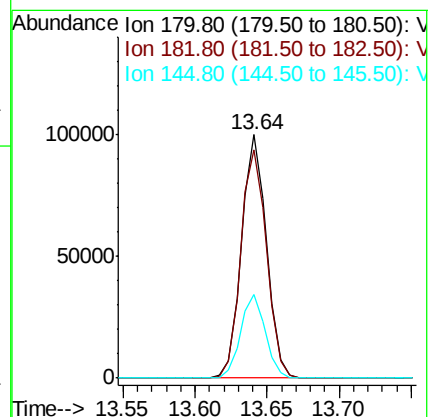
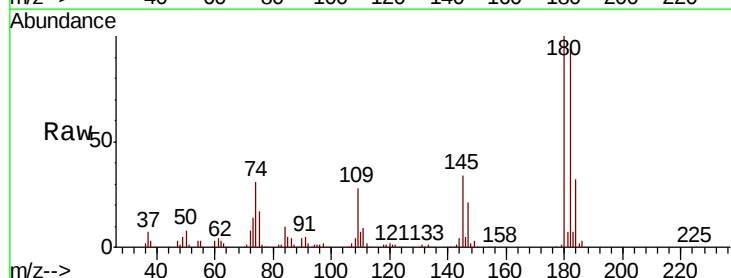
Delta R.T. 0.00 min

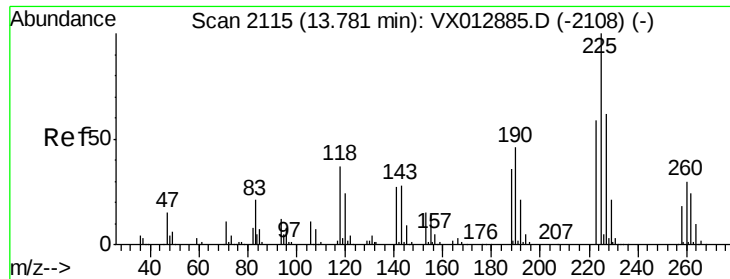
Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Tgt Ion: 180 Resp: 120867

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.8	140.4
145	33.9	16.2	48.6





#94

Hexachlorobutadiene

Concen: 48.171 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

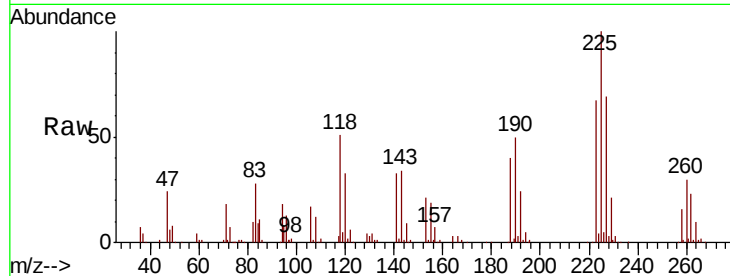
Tot Ion:225 Resp: 51870

Ion Ratio Lower Upper

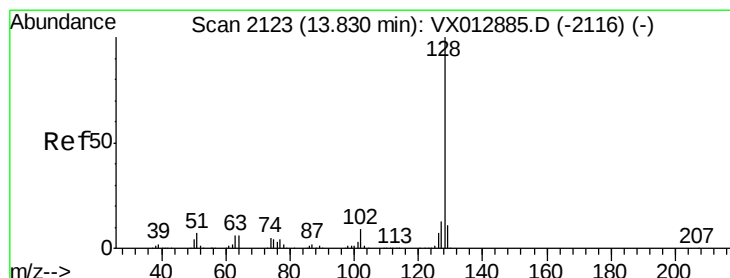
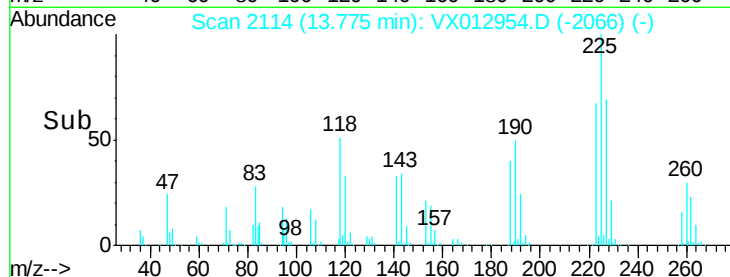
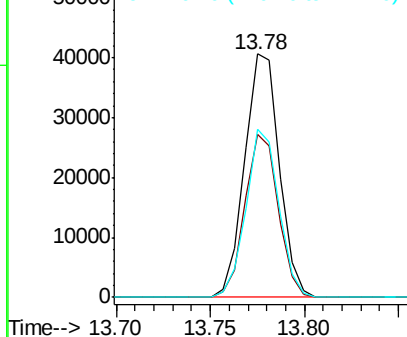
225 100

223 64.3 31.1 93.2

227 65.4 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: 53.932 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012954.D

Acq: 09 Oct 2019 19:38

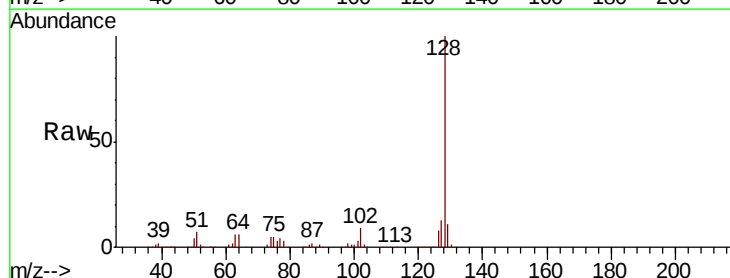
Tgt Ion:128 Resp: 436212

Ion Ratio Lower Upper

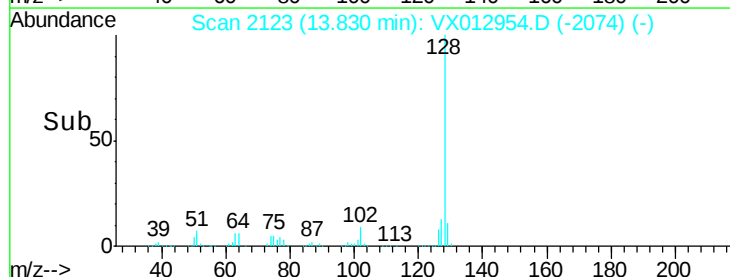
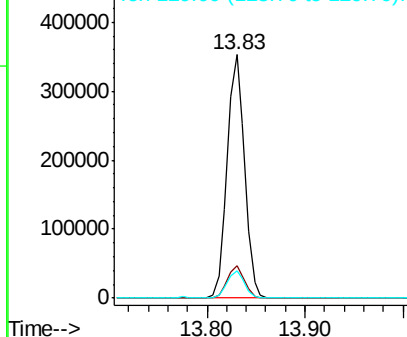
128 100

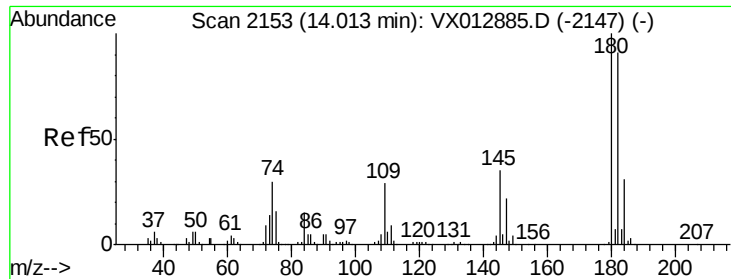
127 13.0 10.2 15.4

129 11.0 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

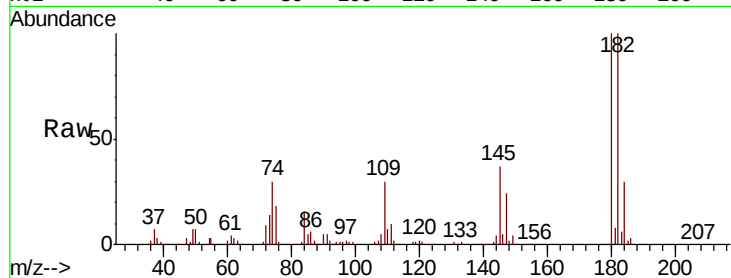




#96
 1,2,3-Trichlorobenzene
 Concen: 51.021 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012954.D
 Acq: 09 Oct 2019 19:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.5	142.5
145	35.9	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

