

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014700.D
 Acq On : 24 Jan 2020 16:33
 Operator : JC/SP
 Sample : VX0124WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Quant Time: Jan 24 22:32:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	643904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	248762	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.48	113	201194	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	787811	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	276117	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	105912	18.919	ug/l	98
3) Chloromethane	1.32	50	110292	19.203	ug/l	99
4) Vinyl Chloride	1.40	62	123750	19.927	ug/l	98
5) Bromomethane	1.64	94	69196	16.404	ug/l	100
6) Chloroethane	1.72	64	70338	18.937	ug/l	99
7) Trichlorofluoromethane	1.92	101	136121	18.824	ug/l	97
8) Diethyl Ether	2.18	74	61071	19.349	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80773	19.028	ug/l	98
10) Methyl Iodide	2.50	142	105150	18.878	ug/l	99
11) Tert butyl alcohol	3.02	59	94292	84.711	ug/l	97
12) 1,1-Dichloroethene	2.37	96	77247	18.302	ug/l	93
13) Acrolein	2.28	56	109474	124.734	ug/l	100
14) Allyl chloride	2.72	41	141797	18.691	ug/l	98
15) Acrylonitrile	3.13	53	244715	95.018	ug/l	99
16) Acetone	2.43	43	214897	79.188	ug/l	100
17) Carbon Disulfide	2.56	76	205286	17.796	ug/l	100
18) Methyl Acetate	2.76	43	151131	19.485	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	275734	19.946	ug/l	100
20) Methylene Chloride	2.85	84	93875	18.670	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	83908	18.056	ug/l	96
22) Diisopropyl ether	3.84	45	302012	20.010	ug/l	92
23) Vinyl Acetate	3.80	43	1141434	99.209	ug/l	99
24) 1,1-Dichloroethane	3.69	63	156827	19.133	ug/l	98
25) 2-Butanone	4.65	43	338512	86.950	ug/l	99
26) 2,2-Dichloropropane	4.58	77	121768	18.560	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	97374	18.722	ug/l	99
28) Bromochloromethane	5.00	49	70925	19.691	ug/l	95
29) Tetrahydrofuran	5.11	42	221268	95.759	ug/l	99
30) Chloroform	5.20	83	153105	18.856	ug/l	99
31) Cyclohexane	5.56	56	143884	18.663	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	129093	18.809	ug/l	98
36) 1,1-Dichloropropene	5.79	75	113902	19.037	ug/l	98
37) Ethyl Acetate	4.81	43	129939	18.962	ug/l	99
38) Carbon Tetrachloride	5.78	117	109104	19.094	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0124WBSD02

Quant Time: Jan 24 22:32:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	144192	19.237	ug/l	97
40) Benzene	6.13	78	359189	19.430	ug/l	100
41) Methacrylonitrile	5.03	41	71098	18.023	ug/l	95
42) 1,2-Dichloroethane	6.18	62	126543	19.822	ug/l	99
43) Isopropyl Acetate	6.43	43	215164	19.174	ug/l	99
44) Trichloroethene	7.21	130	98832	18.927	ug/l	99
45) 1,2-Dichloropropane	7.51	63	94198	19.779	ug/l	96
46) Dibromomethane	7.65	93	62452	20.247	ug/l	96
47) Bromodichloromethane	7.89	83	117740	19.462	ug/l	94
48) Methyl methacrylate	7.76	41	104897	19.564	ug/l	97
49) 1,4-Dioxane	7.73	88	42037	369.868	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	672980	95.020	ug/l	100
52) Toluene	8.78	92	224579	19.763	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	125798	19.311	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	144860	20.214	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93610	20.120	ug/l	99
56) Ethyl methacrylate	9.17	69	141247	19.053	ug/l	100
57) 1,3-Dichloropropane	9.37	76	157419	19.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	221034	94.465	ug/l	100
59) 2-Hexanone	9.48	43	503040	91.529	ug/l	100
60) Dibromochloromethane	9.57	129	91795	18.902	ug/l	97
61) 1,2-Dibromoethane	9.67	107	96421	19.601	ug/l	99
64) Tetrachloroethene	9.33	164	111314	19.378	ug/l	98
65) Chlorobenzene	10.13	112	242153	19.509	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	87606	19.142	ug/l	99
67) Ethyl Benzene	10.25	91	419819	19.808	ug/l	98
68) m/p-Xylenes	10.36	106	322563	40.173	ug/l	100
69) o-Xylene	10.70	106	154235	19.897	ug/l	98
70) Styrene	10.71	104	263251	20.245	ug/l	100
71) Bromoform	10.85	173	68968	18.950	ug/l #	99
73) Isopropylbenzene	11.01	105	412714	20.118	ug/l	100
74) N-amyl acetate	10.89	43	177094	19.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135535	18.504	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154125	22.705	ug/l	92
77) Bromobenzene	11.25	156	109695	19.904	ug/l	97
78) n-propylbenzene	11.35	91	466705	20.042	ug/l	100
79) 2-Chlorotoluene	11.42	91	279754	19.855	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	342796	20.133	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	42352	17.755	ug/l	97
82) 4-Chlorotoluene	11.51	91	323019	20.138	ug/l	100
83) tert-Butylbenzene	11.76	119	316740	19.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	345041	20.203	ug/l	98
85) sec-Butylbenzene	11.94	105	392841	20.043	ug/l	99
86) p-Isopropyltoluene	12.06	119	360520	19.903	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190254	19.208	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	192453	19.398	ug/l	99
89) n-Butylbenzene	12.39	91	308595	19.561	ug/l	99
90) Hexachloroethane	12.59	117	61904	18.399	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189691	19.283	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28348	18.013	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Quant Time: Jan 24 22:32:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

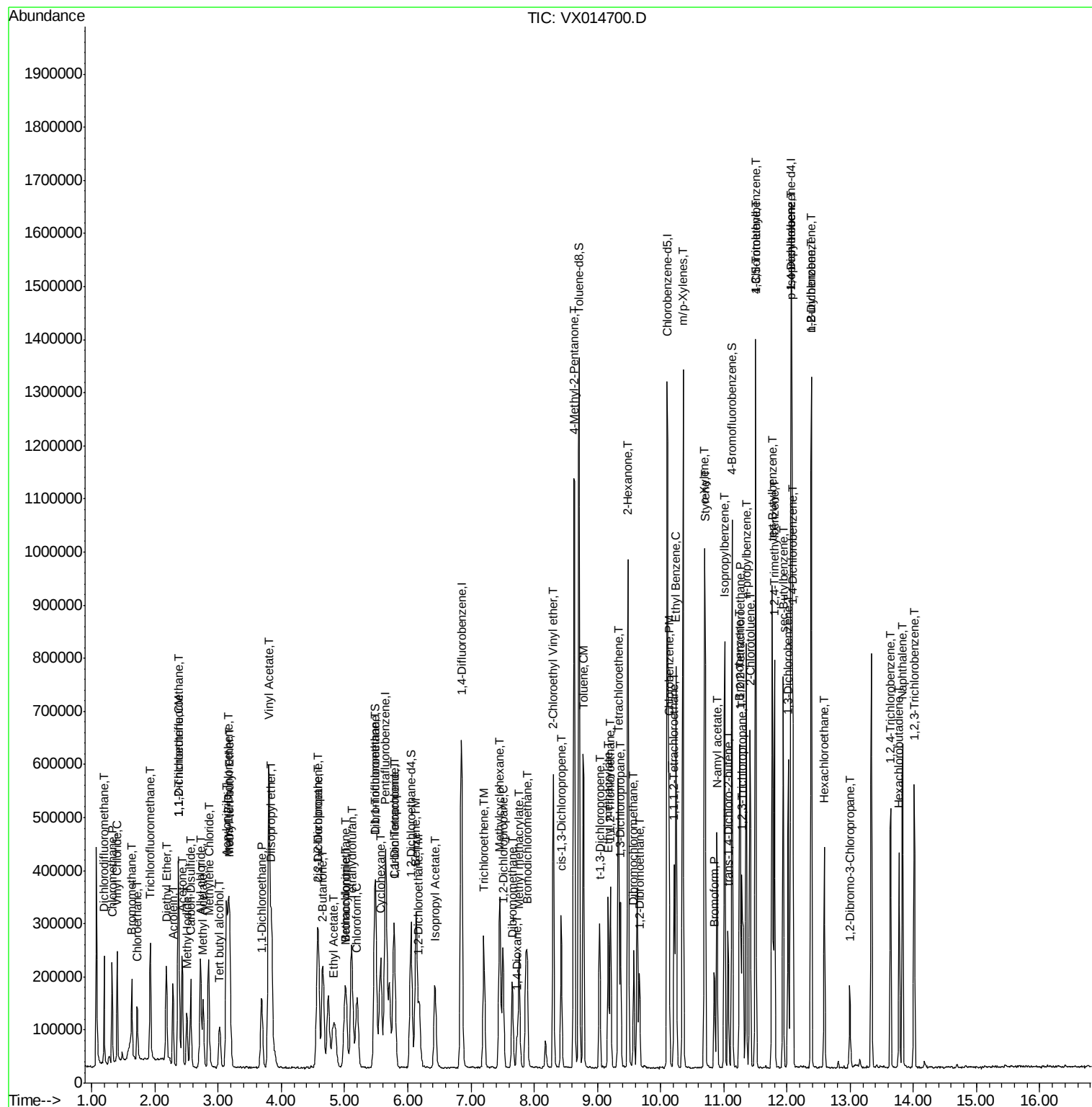
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128446	20.252	ug/l	97
94) Hexachlorobutadiene	13.78	225	61369	18.800	ug/l	98
95) Naphthalene	13.83	128	387368	19.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130229	20.307	ug/l	97

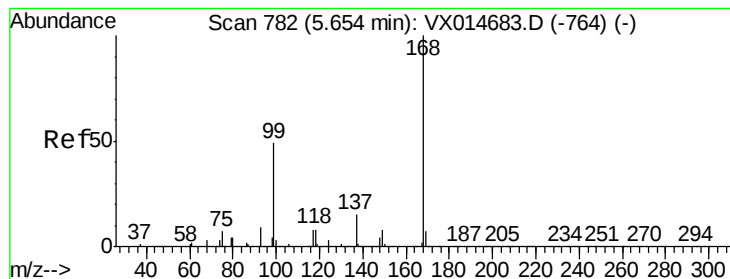
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014700.D
 Acq On : 24 Jan 2020 16:33
 Operator : JC/SP
 Sample : VX0124WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
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 VX0124WBSD02

Quant Time: Jan 24 22:32:41 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

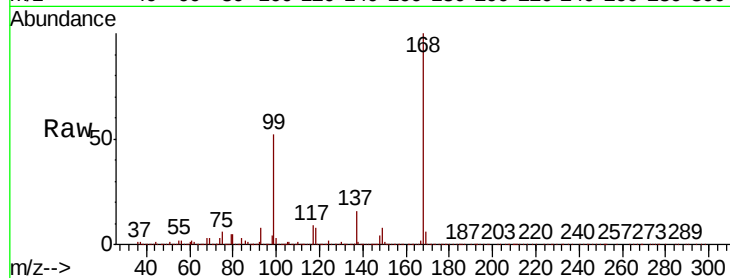
VX0124WBSD02

Tot Ion:168 Resp: 424566

Ion Ratio Lower Upper

168 100

99 51.8 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

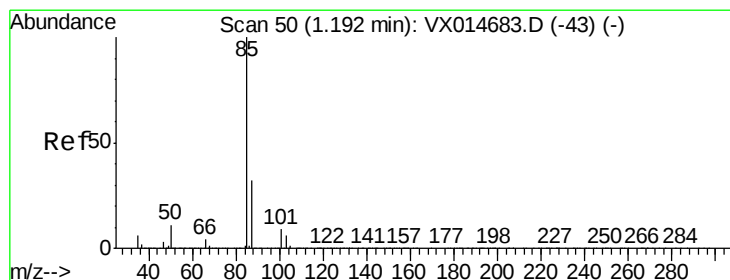
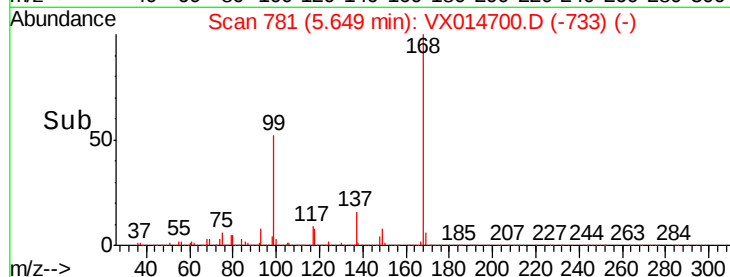
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.919 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014700.D

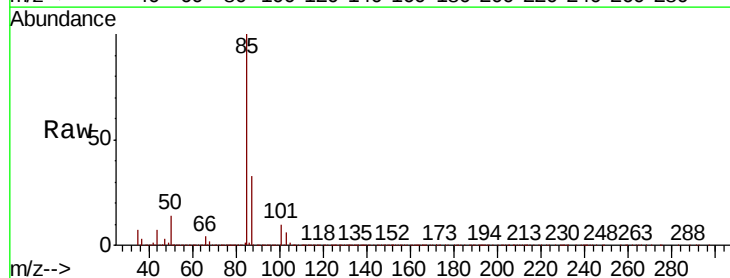
Acq: 24 Jan 2020 16:33

Tgt Ion: 85 Resp: 105912

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

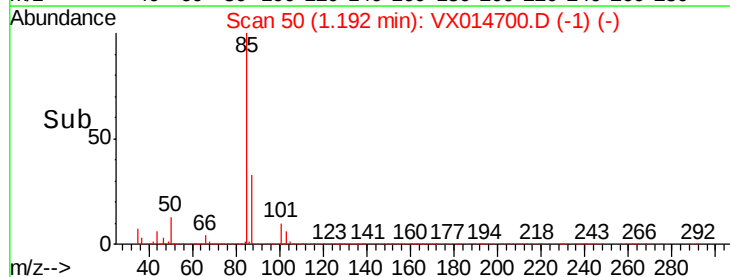
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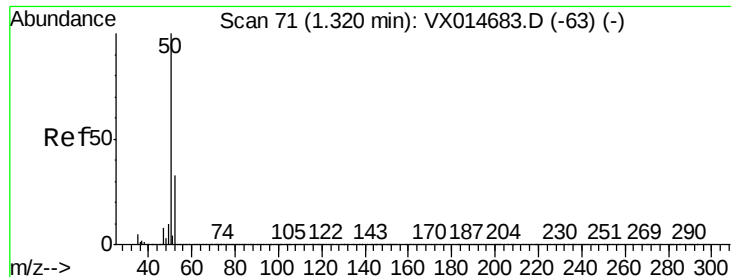
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.203 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

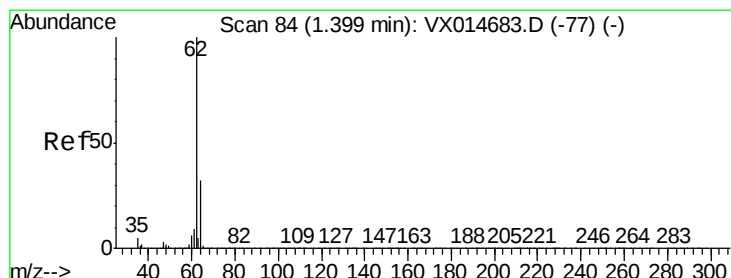
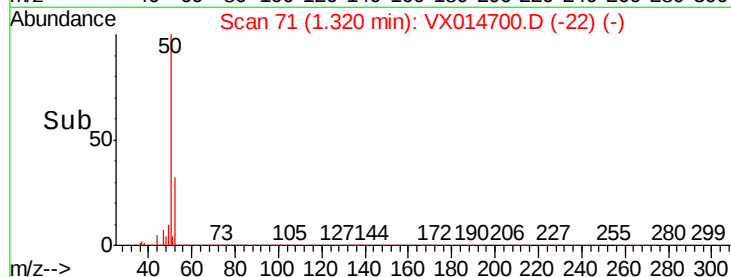
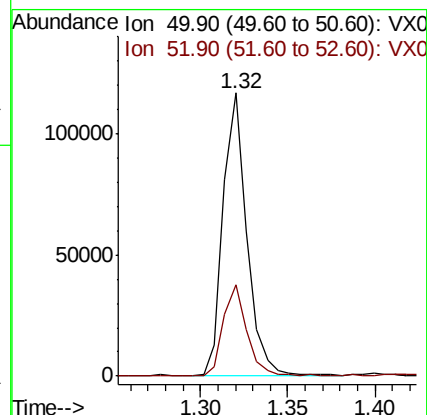
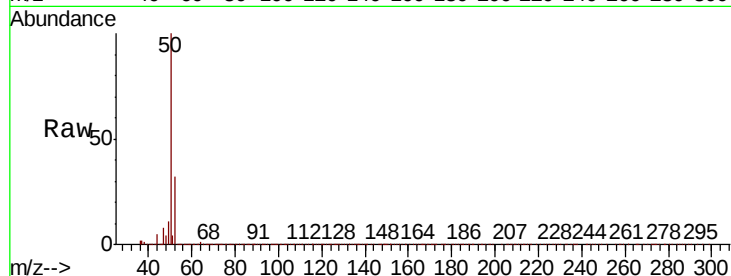
VX0124WBSD02

Tot Ion: 50 Resp: 110292

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 19.927 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014700.D

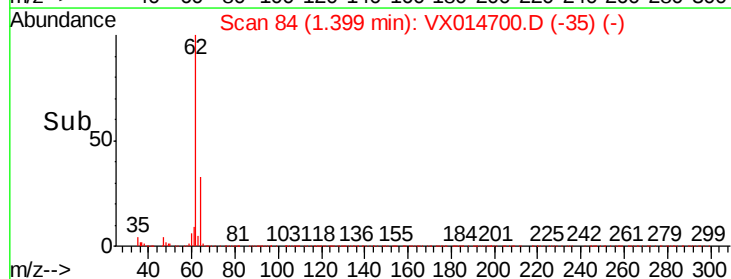
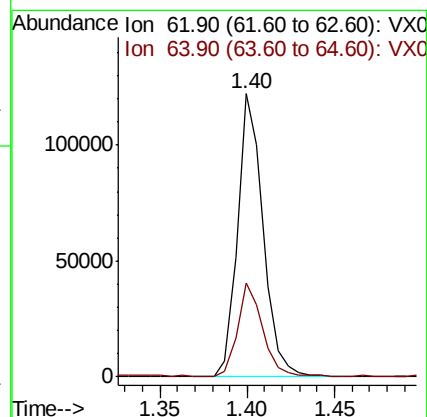
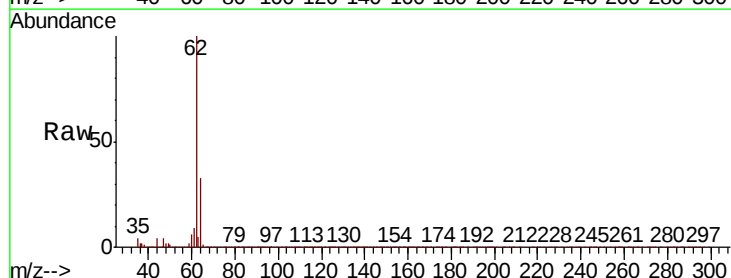
Acq: 24 Jan 2020 16:33

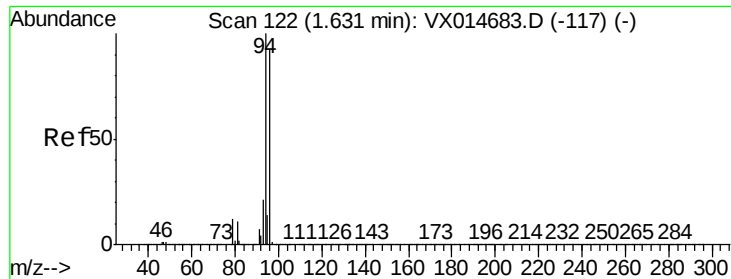
Tgt Ion: 62 Resp: 123750

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 16.404 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

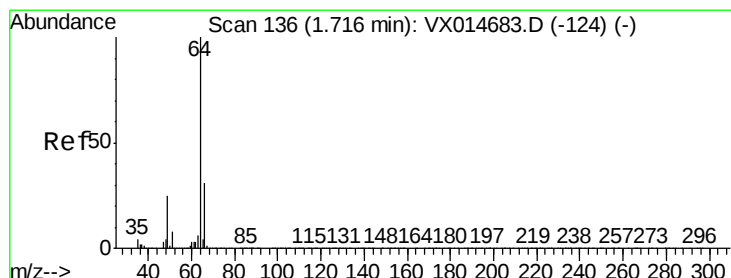
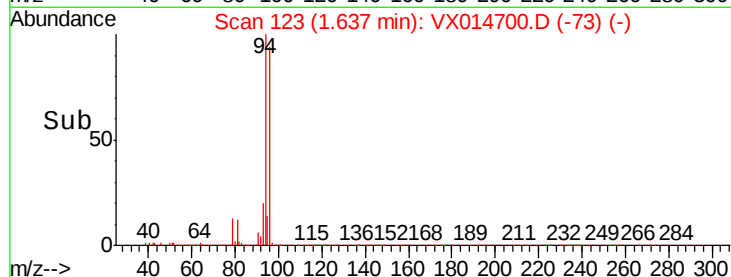
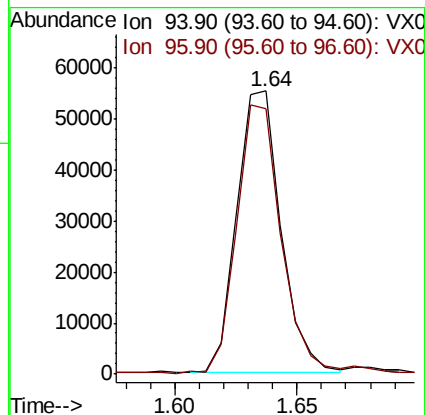
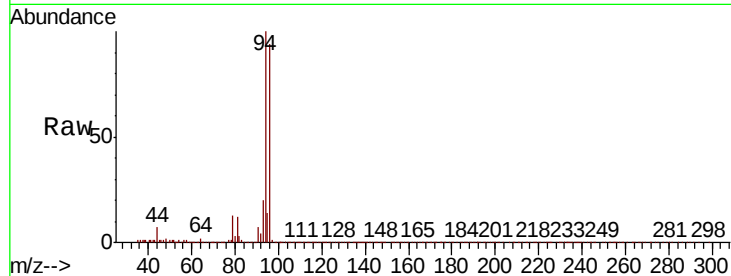
VX0124WBSD02

Tot Ion: 94 Resp: 69196

Ion Ratio Lower Upper

94 100

96 93.1 74.7 112.1



#6

Chloroethane

Concen: 18.937 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014700.D

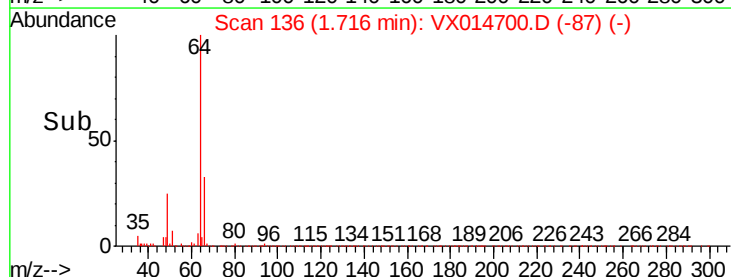
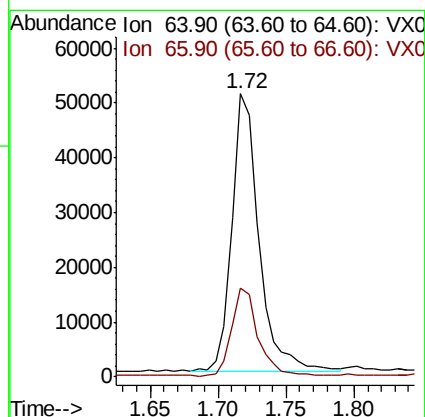
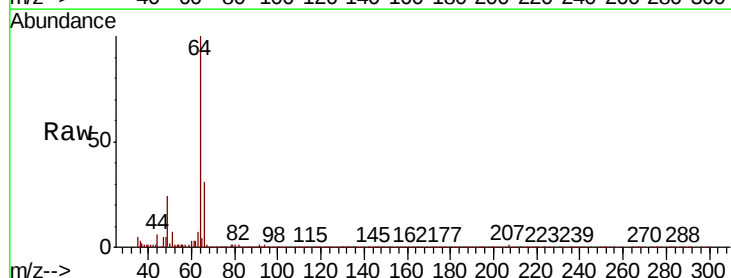
Acq: 24 Jan 2020 16:33

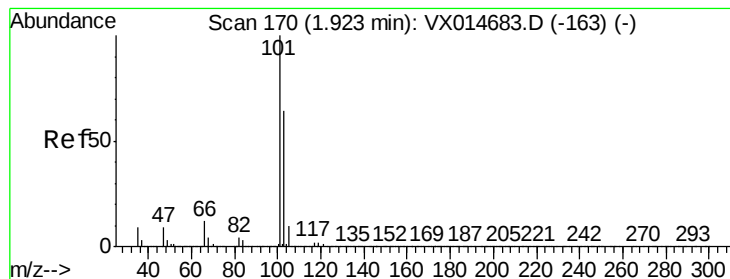
Tgt Ion: 64 Resp: 70338

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



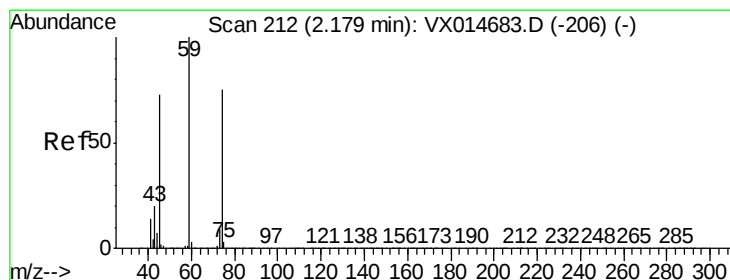
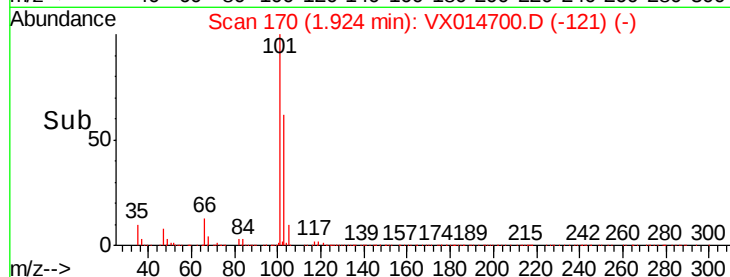
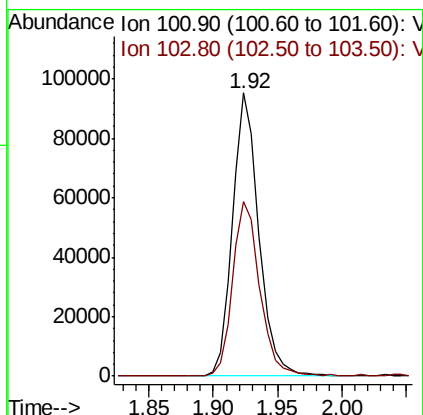
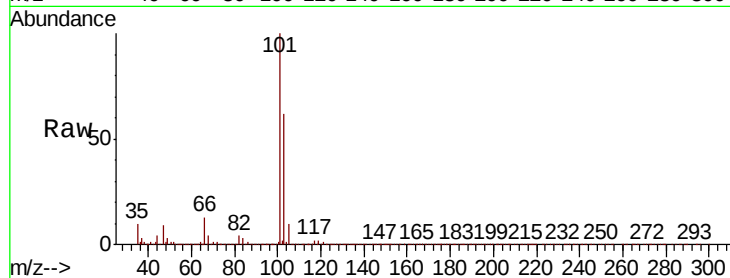


#7

Trichlorofluoromethane
Concen: 18.824 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

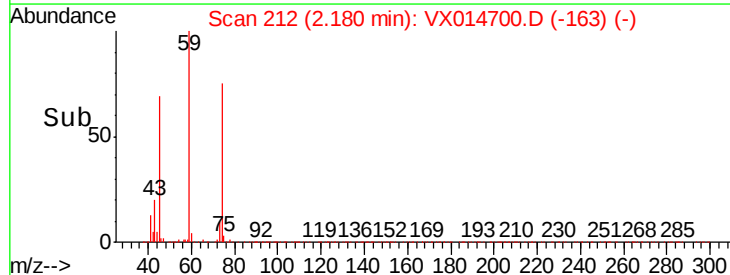
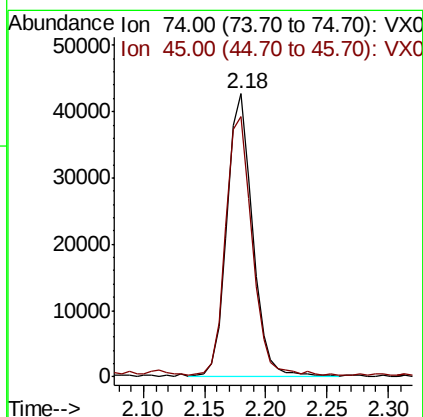
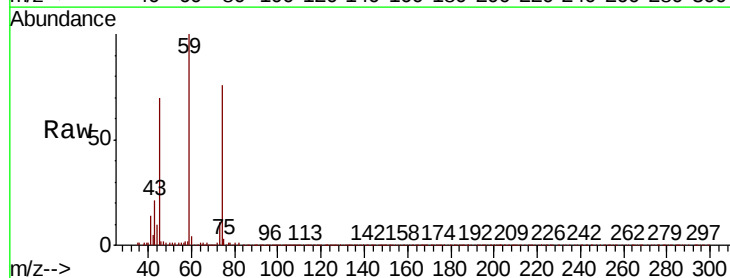
Tot Ion:101 Resp: 136121
Ion Ratio Lower Upper
101 100
103 61.6 51.0 76.6

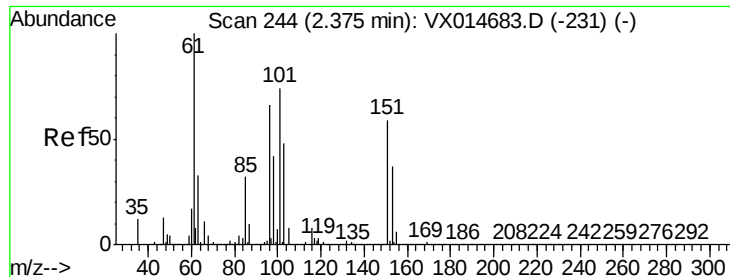


#8

Diethyl Ether
Concen: 19.349 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 74 Resp: 61071
Ion Ratio Lower Upper
74 100
45 95.4 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.028 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

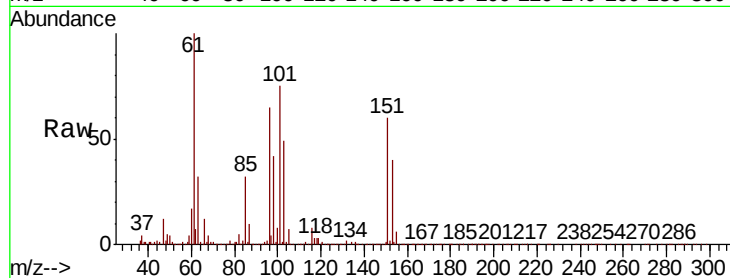
Tot Ion:101 Resp: 80773

Ion Ratio Lower Upper

101 100

85 43.9 34.7 52.1

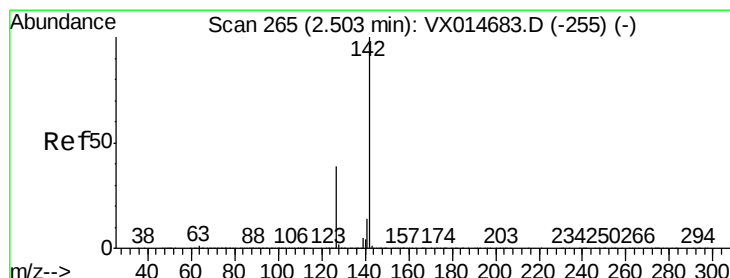
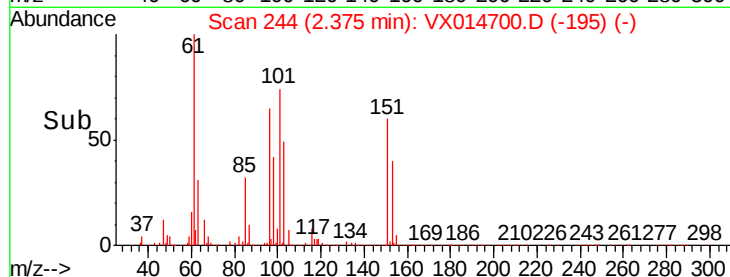
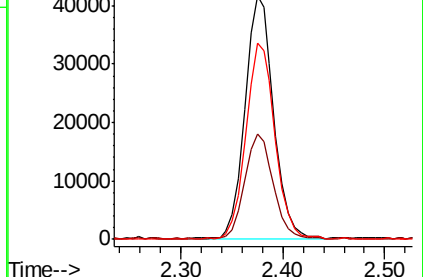
151 82.6 64.7 97.1



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: 18.878 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

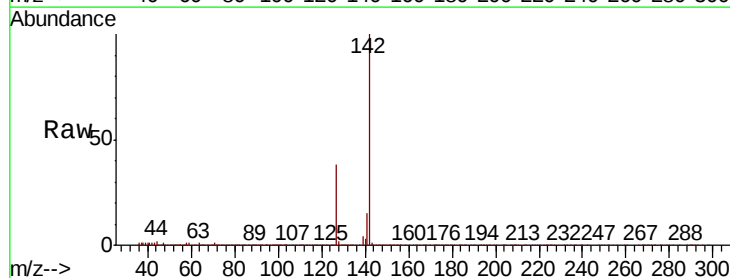
Tgt Ion:142 Resp: 105150

Ion Ratio Lower Upper

142 100

127 39.2 31.1 46.7

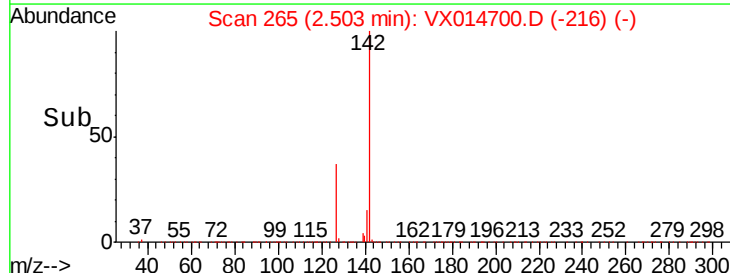
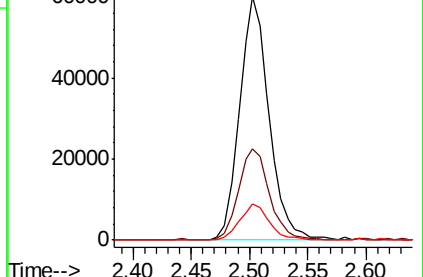
141 15.3 11.3 16.9

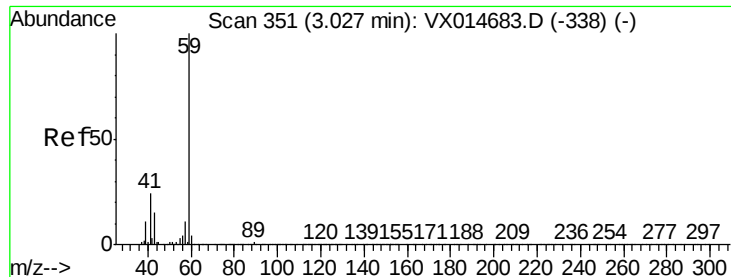


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

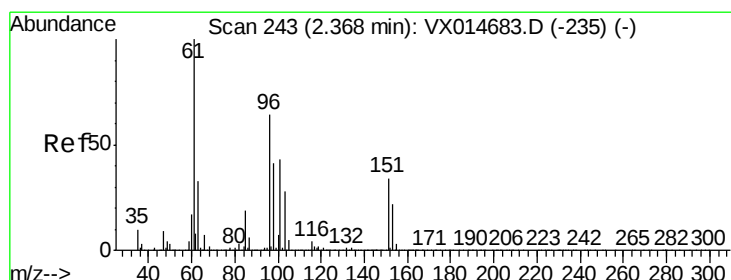
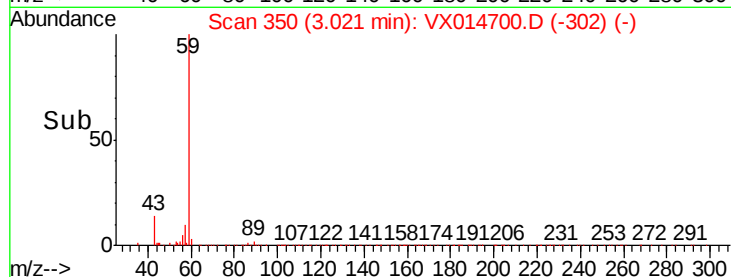
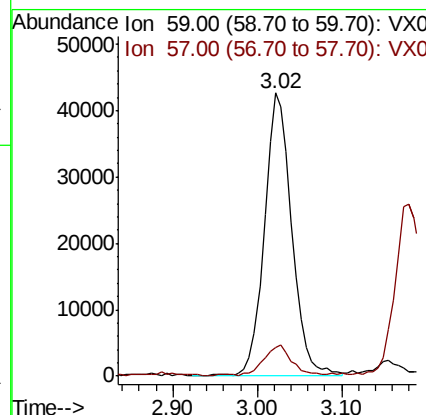
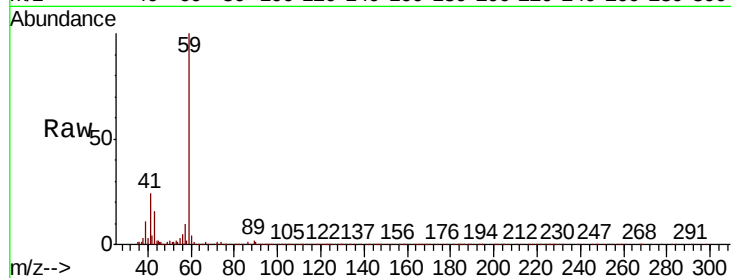




#11
Tert butyl alcohol
Concen: 84.711 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

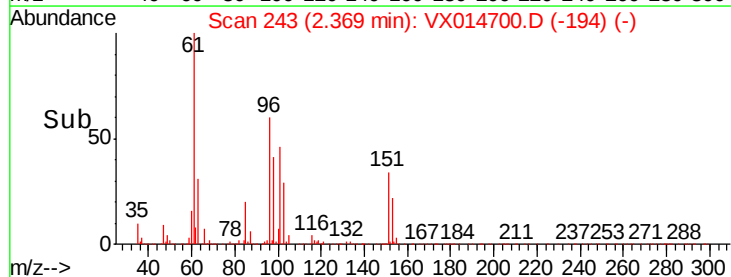
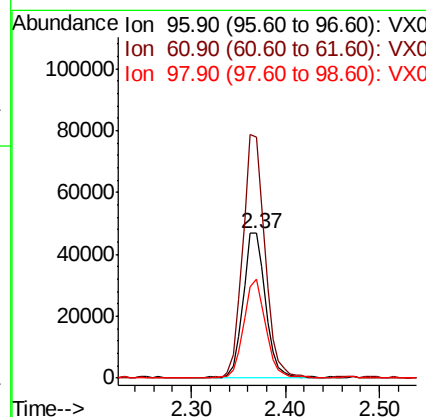
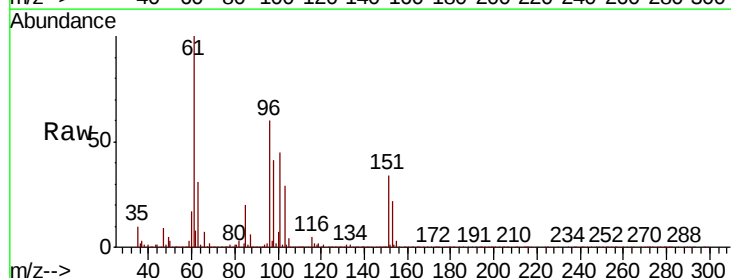
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

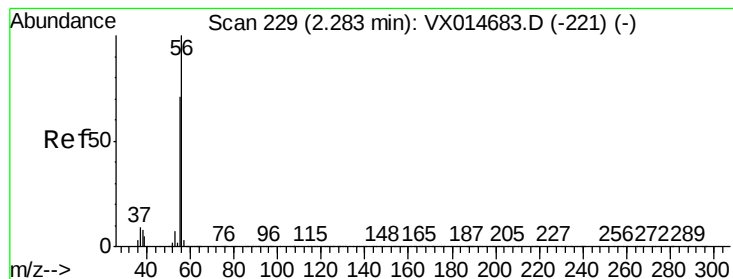
Tot Ion: 59 Resp: 94292
Ion Ratio Lower Upper
59 100
57 11.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.302 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 96 Resp: 77247
Ion Ratio Lower Upper
96 100
61 166.7 125.8 188.8
98 68.2 51.5 77.3





#13

Acrolein

Concen: 124.734 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

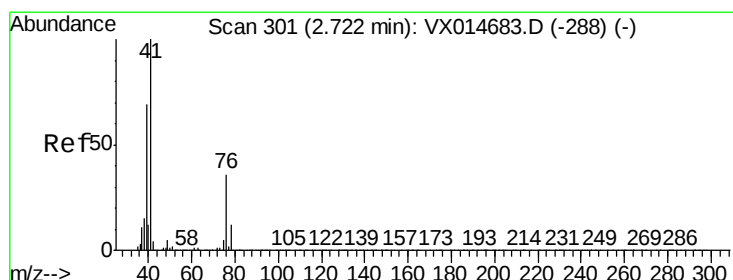
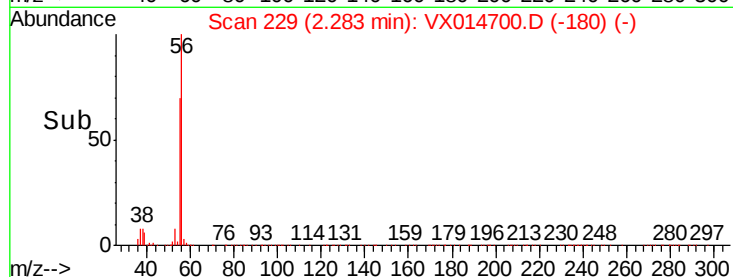
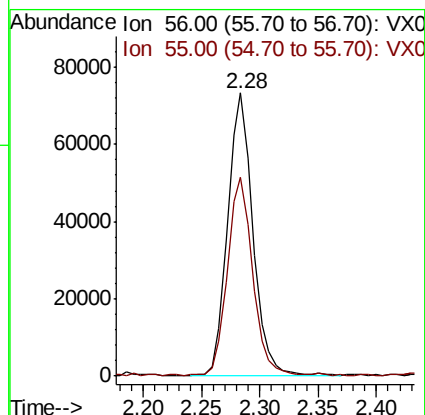
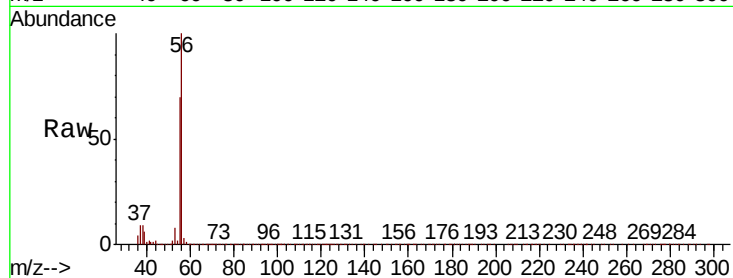
VX0124WBSD02

Tot Ion: 56 Resp: 109474

Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8



#14

Allyl chloride

Concen: 18.691 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

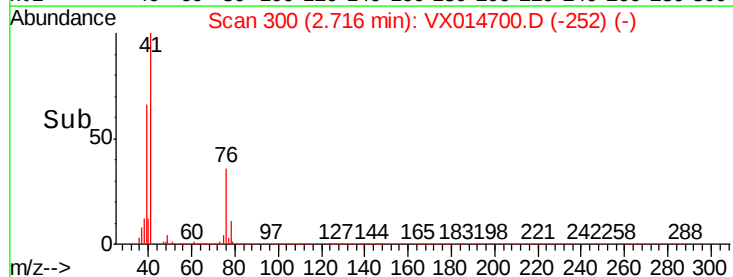
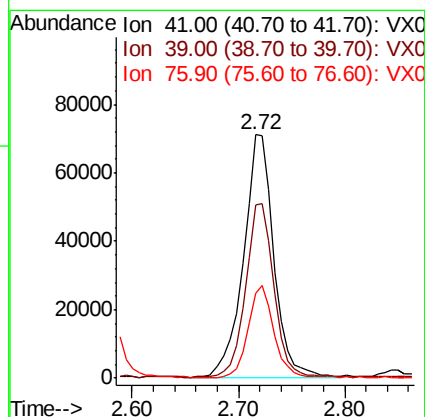
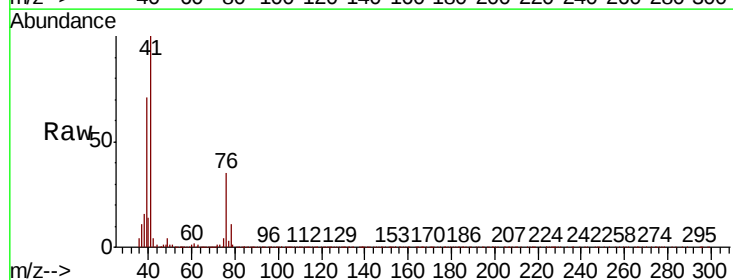
Tgt Ion: 41 Resp: 141797

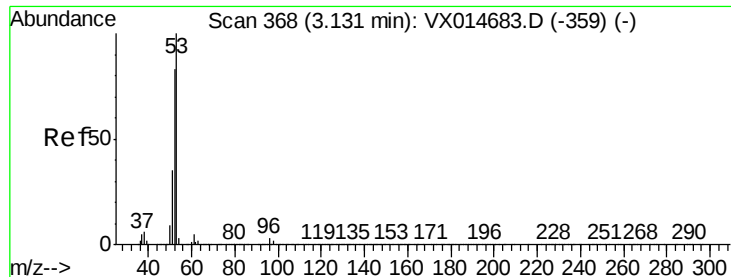
Ion Ratio Lower Upper

41 100

39 66.9 52.0 78.0

76 31.8 26.0 39.0





#15

Acrylonitrile

Concen: 95.018 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

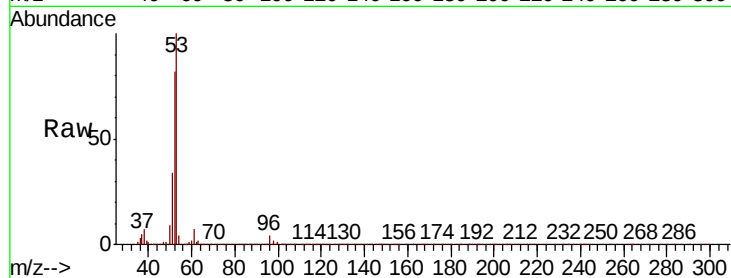
MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 53 Resp: 244715

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	35.9	28.7	43.1

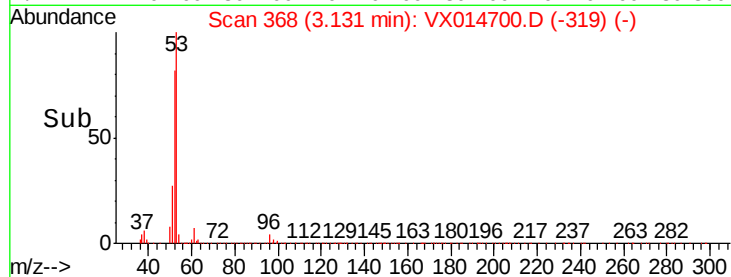


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

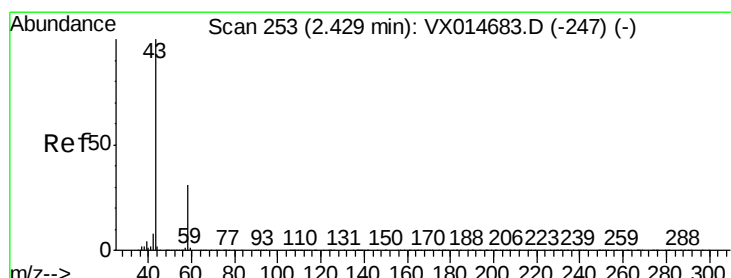


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 79.188 ug/l

RT: 2.43 min Scan# 253

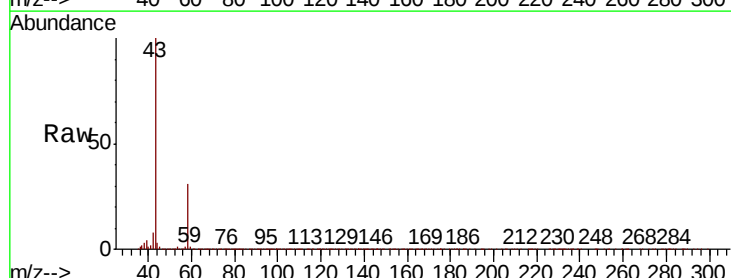
Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion: 43 Resp: 214897

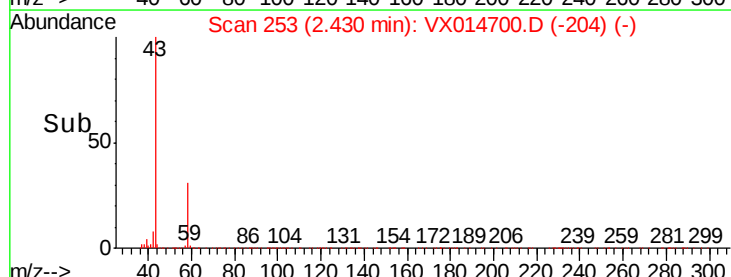
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.5	36.7



Abundance

Ion 43.00 (42.70 to 43.70): VX0

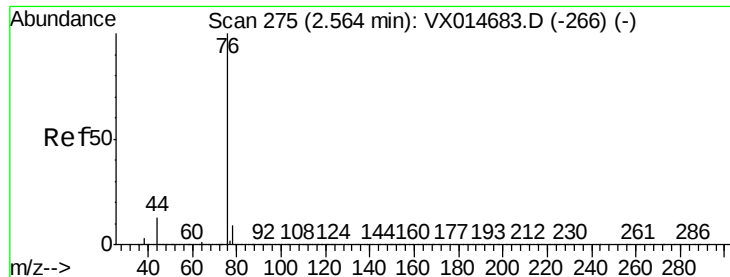
Ion 58.00 (57.70 to 58.70): VX0



Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 17.796 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

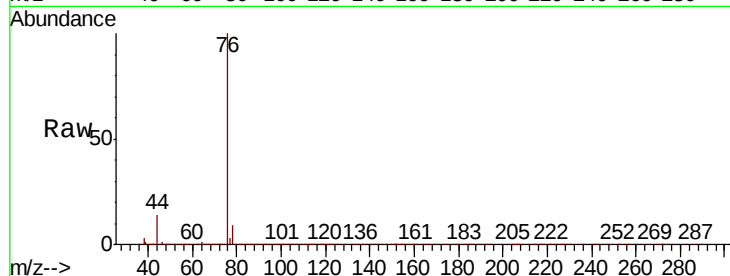
VX0124WBSD02

Tot Ion: 76 Resp: 205286

Ion Ratio Lower Upper

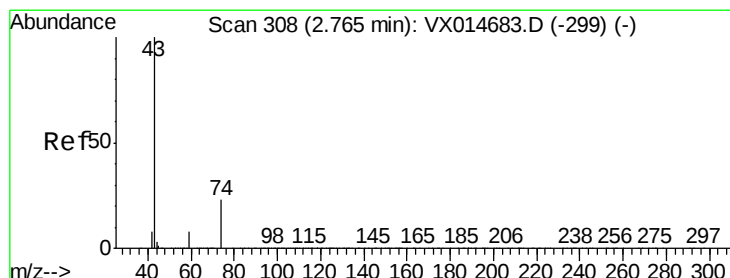
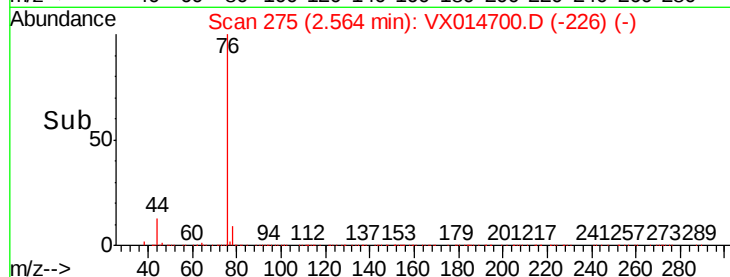
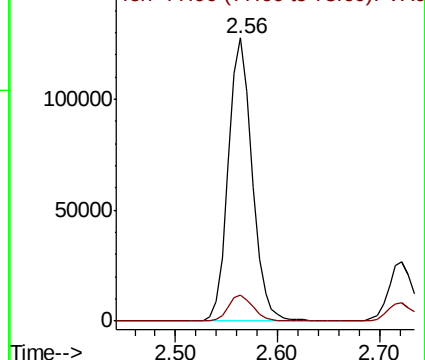
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.485 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014700.D

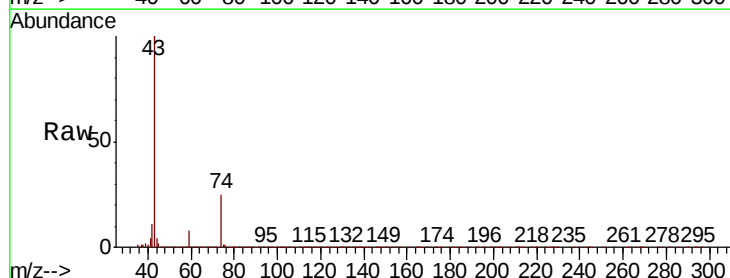
Acq: 24 Jan 2020 16:33

Tgt Ion: 43 Resp: 151131

Ion Ratio Lower Upper

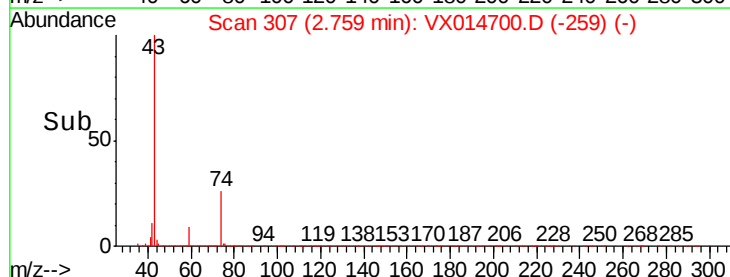
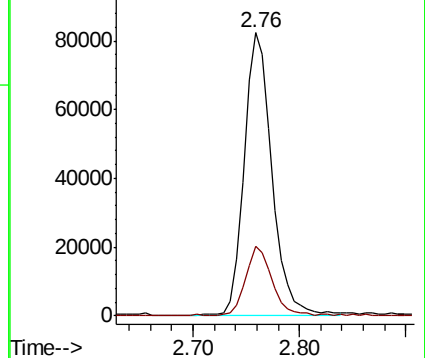
43 100

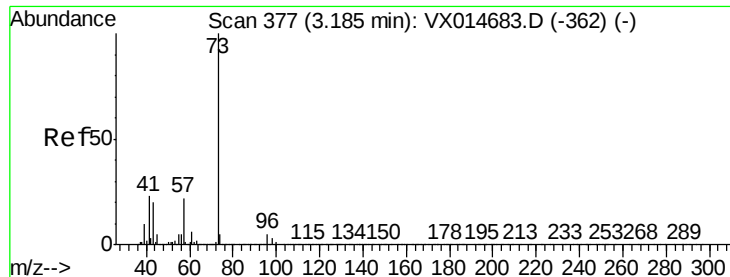
74 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



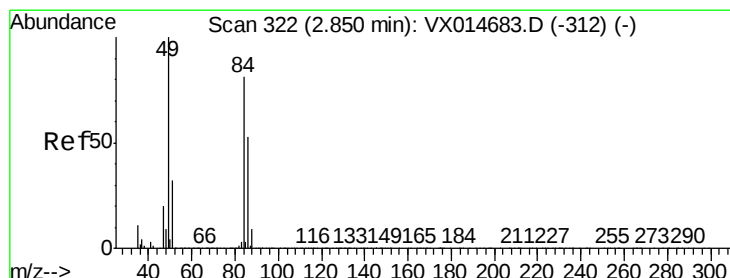
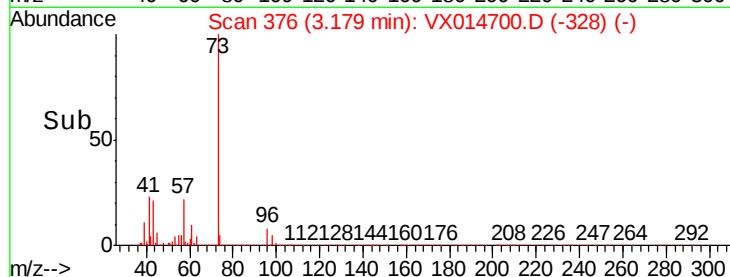
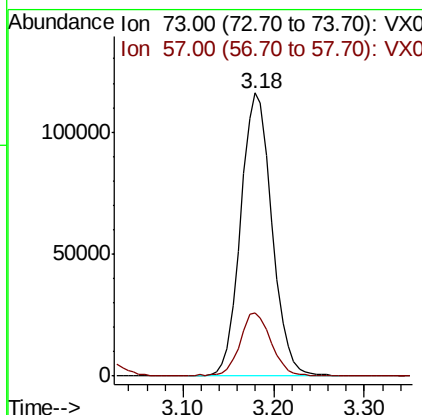
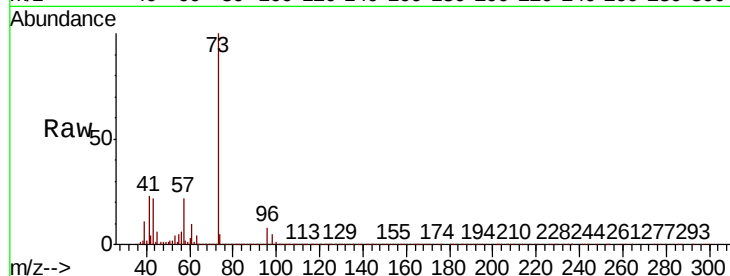


#19

Methyl tert-butyl Ether
 Concen: 19.946 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBSD02

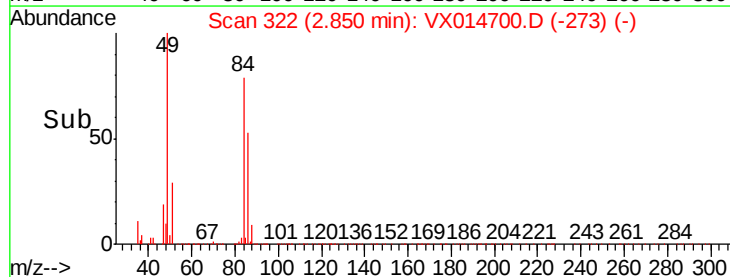
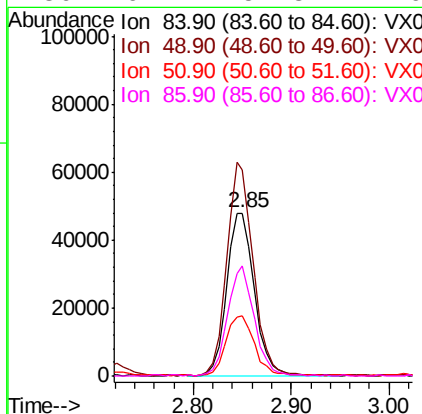
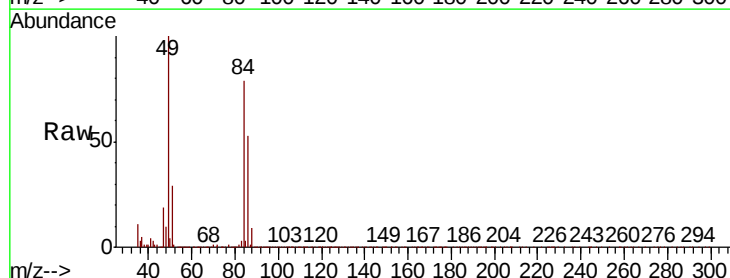
Tot Ion: 73 Resp: 275734
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.0 27.0

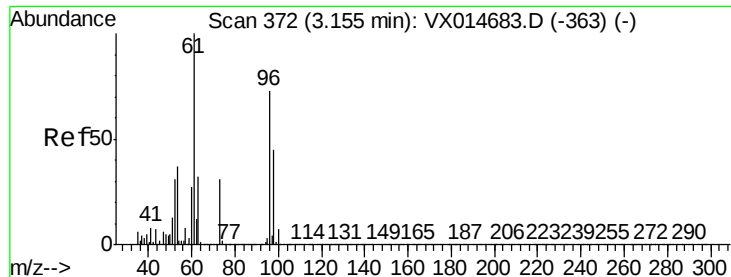


#20

Methylene Chloride
 Concen: 18.670 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion: 84 Resp: 93875
 Ion Ratio Lower Upper
 84 100
 49 125.9 98.2 147.4
 51 36.8 31.3 46.9
 86 67.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.056 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

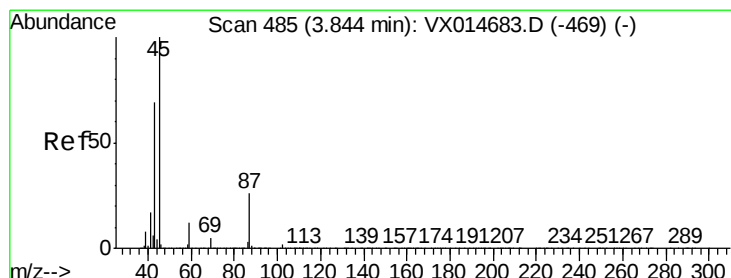
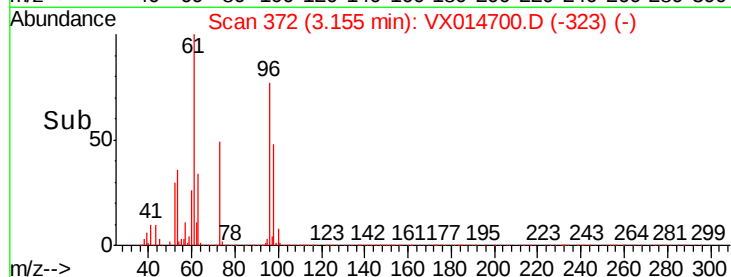
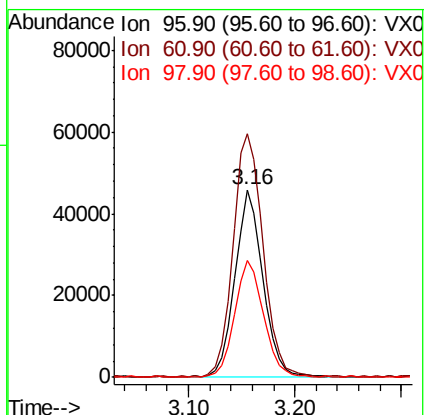
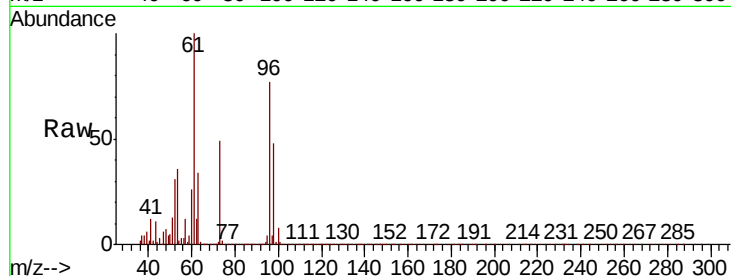
Tot Ion: 96 Resp: 83908

Ion Ratio Lower Upper

96 100

61 130.0 109.8 164.6

98 61.8 49.6 74.4



#22

Diisopropyl ether

Concen: 20.010 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion: 45 Resp: 302012

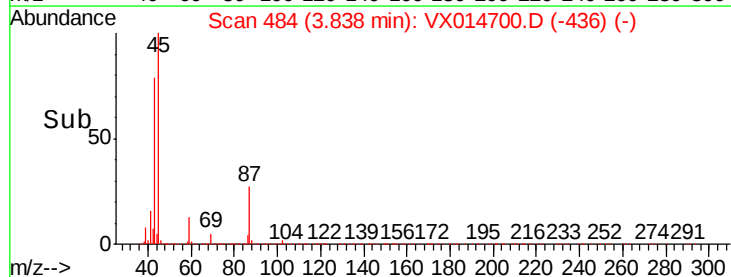
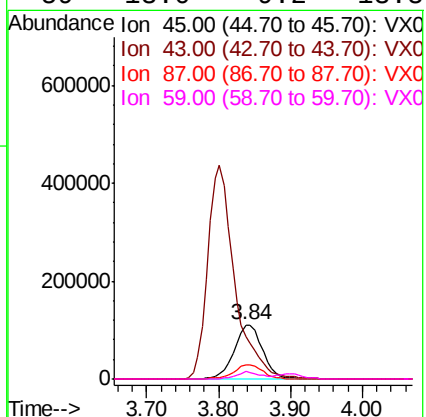
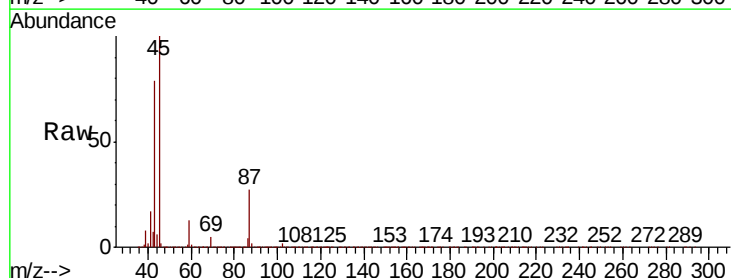
Ion Ratio Lower Upper

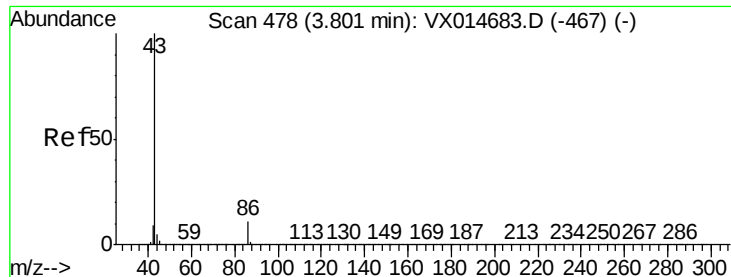
45 100

43 78.5 55.1 82.7

87 26.6 20.7 31.1

59 13.0 9.2 13.8





#23

Vinyl Acetate

Concen: 99.209 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleID :

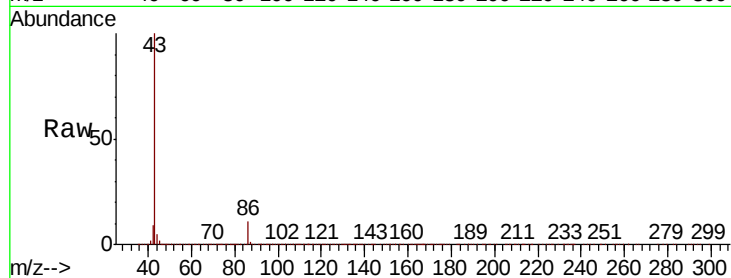
VX0124WBSD02

Tot Ion: 43 Resp: 1141434

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

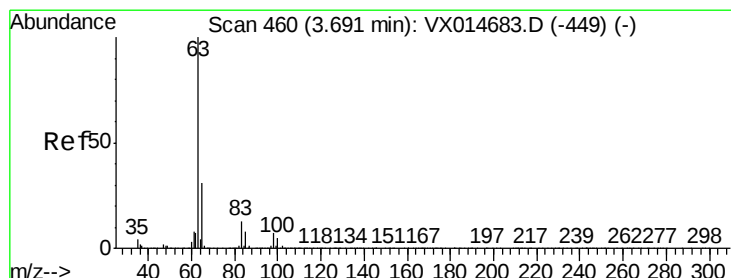
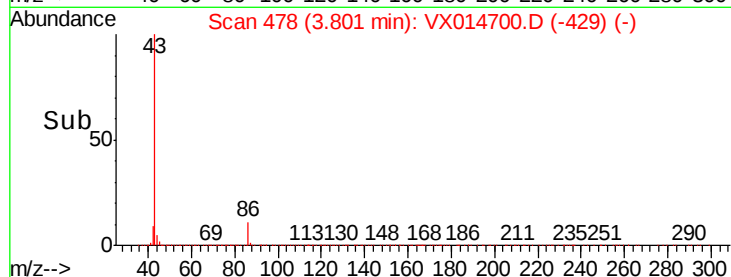
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.133 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

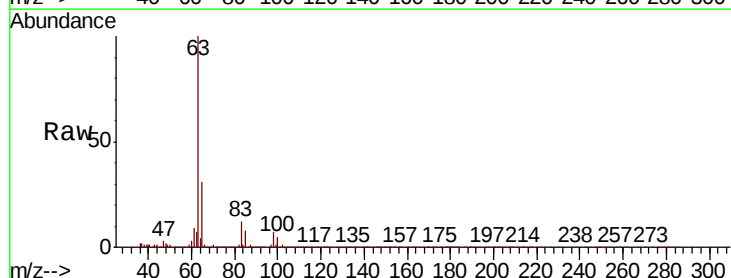
Tgt Ion: 63 Resp: 156827

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

80000

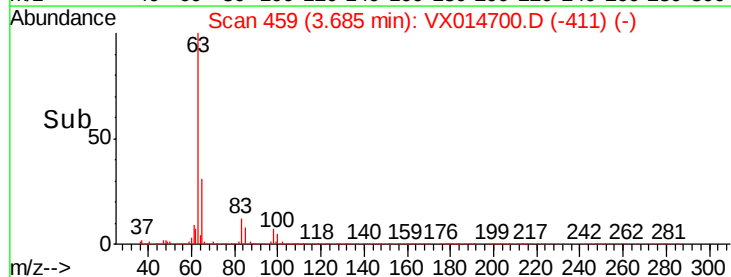
60000

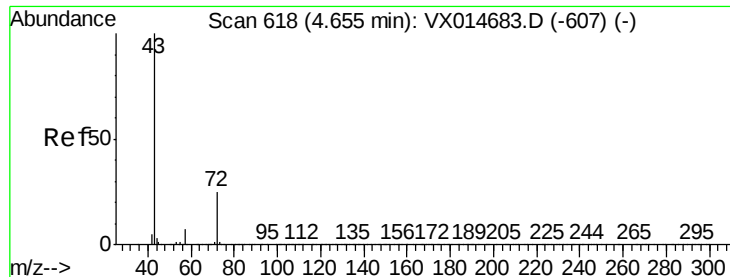
40000

20000

0

Time-->

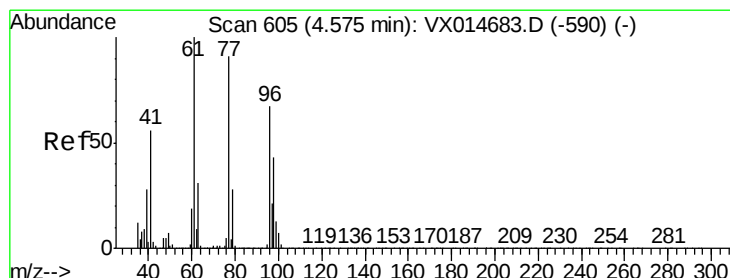
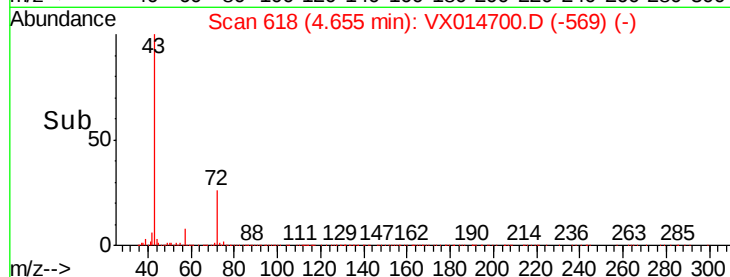
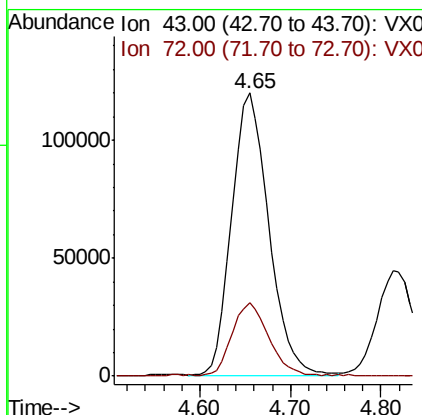
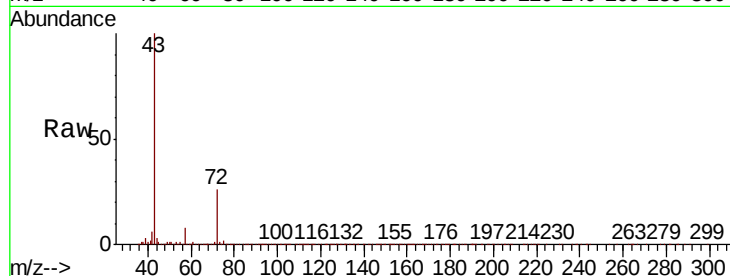




#25
2-Butanone
Concen: 86.950 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

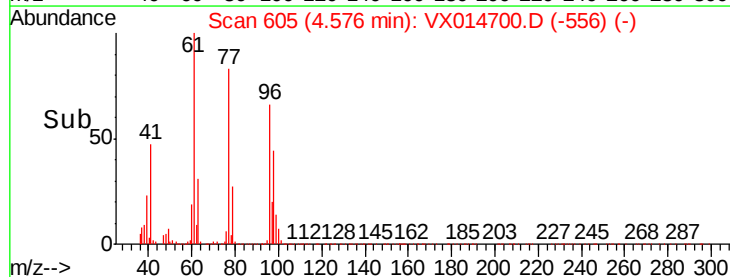
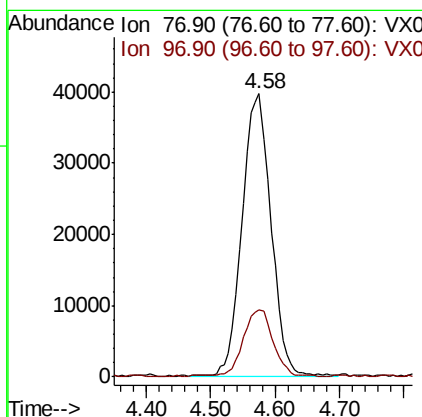
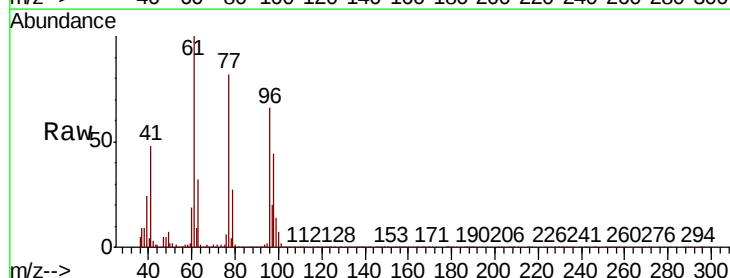
Instrument :
MSVOA_X
ClientSampleID :
VX0124WBSD02

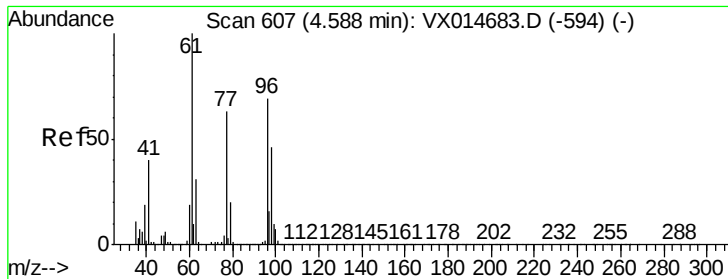
Tot Ion: 43 Resp: 338512
Ion Ratio Lower Upper
43 100
72 25.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.560 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 77 Resp: 121768
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3



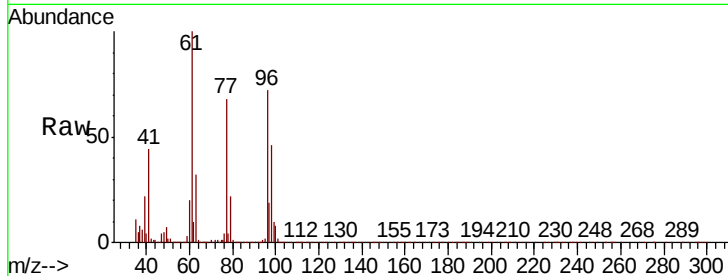


#27

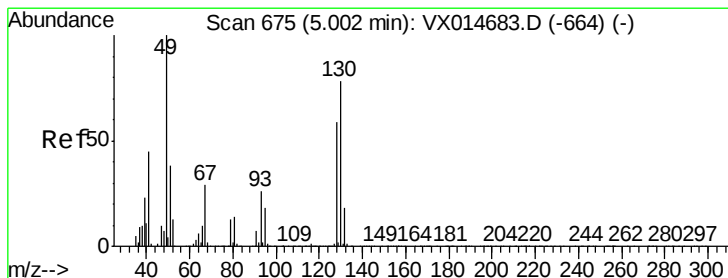
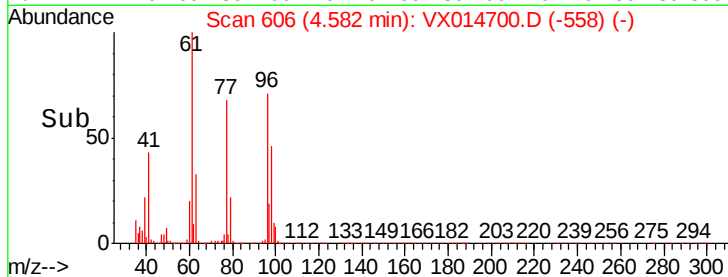
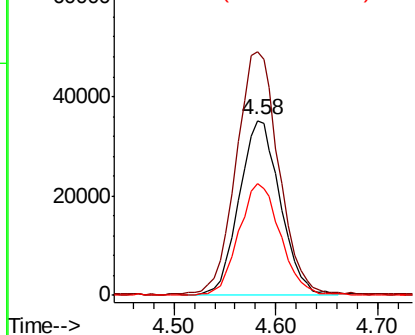
cis-1,2-Dichloroethene
 Concen: 18.722 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	291.0
98	64.5	0.0	129.8



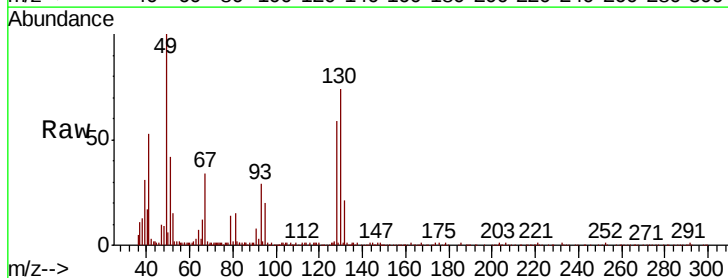
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



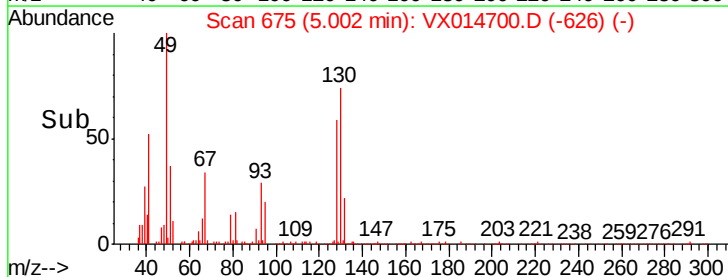
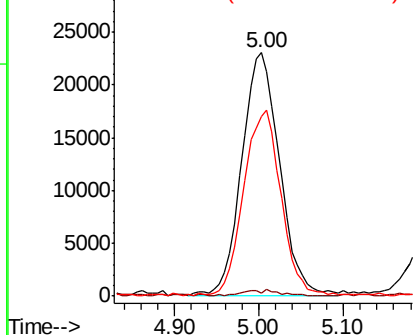
#28

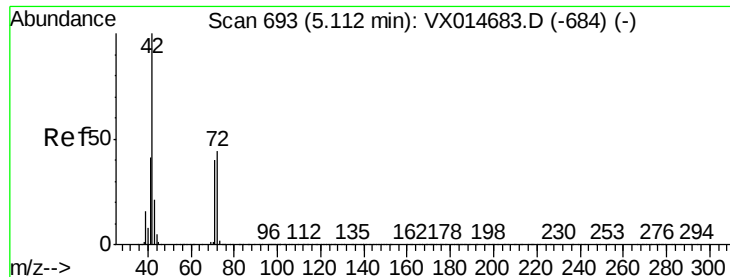
Bromochloromethane
 Concen: 19.691 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	74.0	62.4	93.6



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

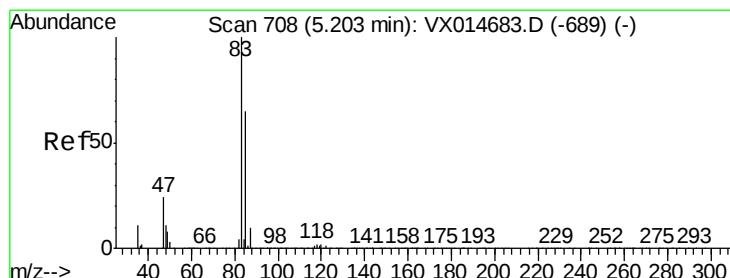
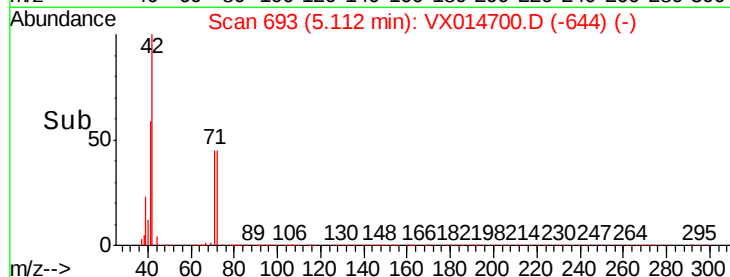
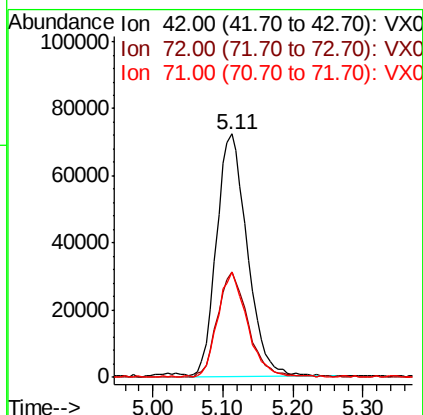
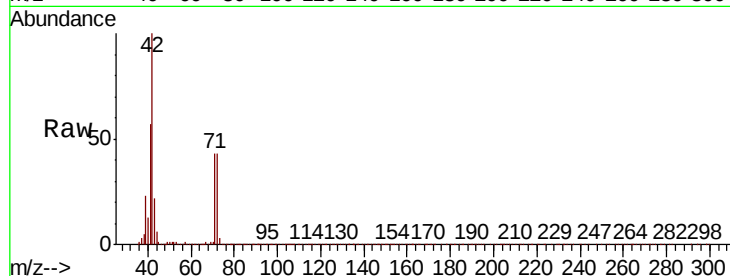




#29
Tetrahydrofuran
Concen: 95.759 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

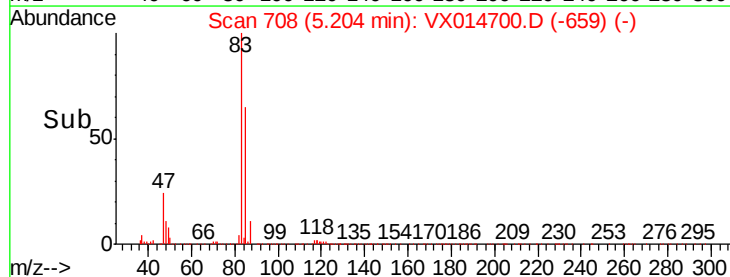
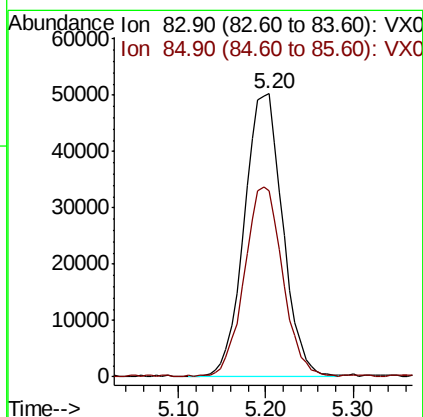
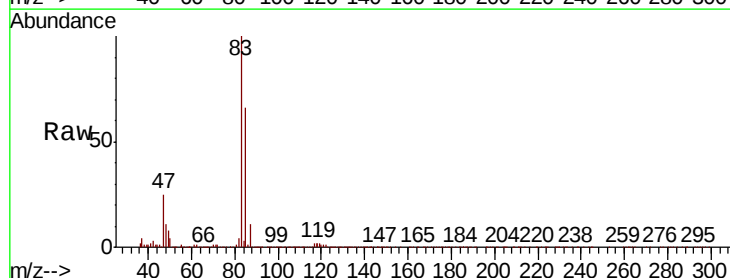
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

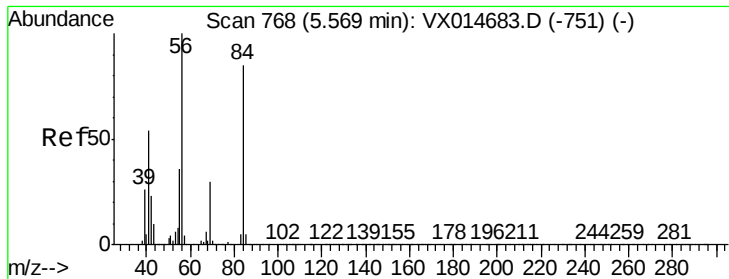
Tot Ion: 42 Resp: 221268
Ion Ratio Lower Upper
42 100
72 42.8 35.3 52.9
71 41.4 33.1 49.7



#30
Chloroform
Concen: 18.856 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 83 Resp: 153105
Ion Ratio Lower Upper
83 100
85 65.5 51.7 77.5

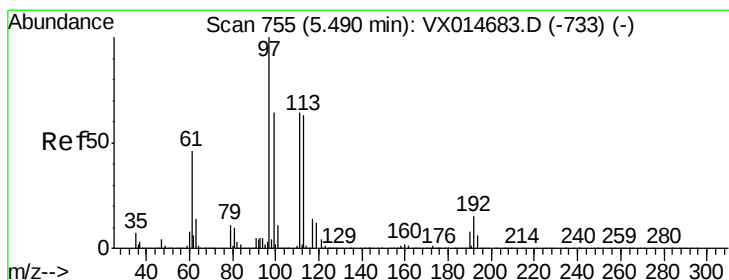
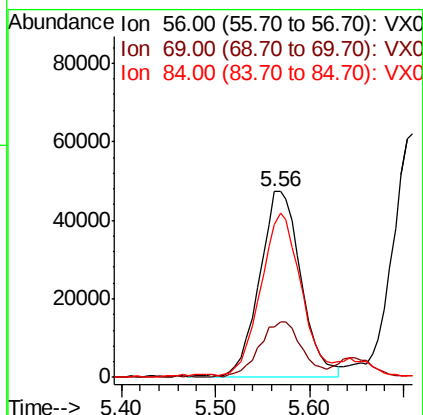
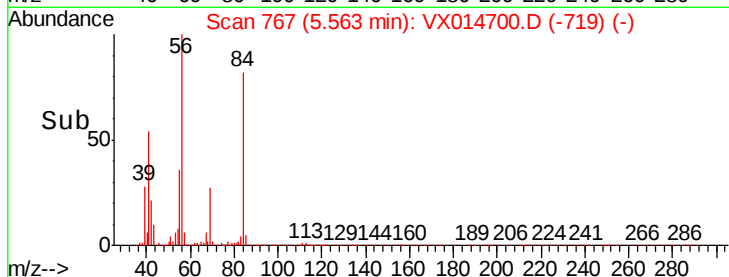
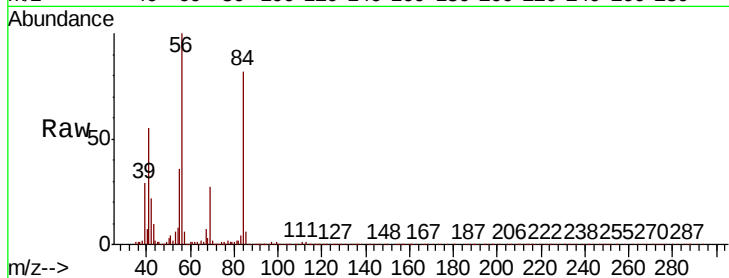




#31
Cyclohexane
Concen: 18.663 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

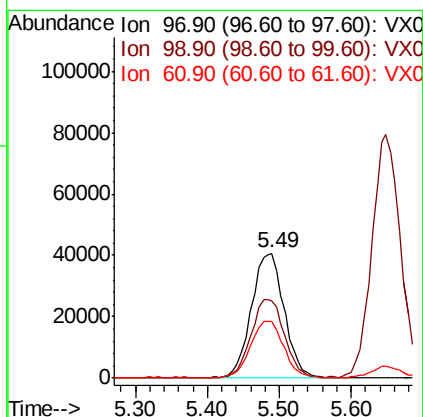
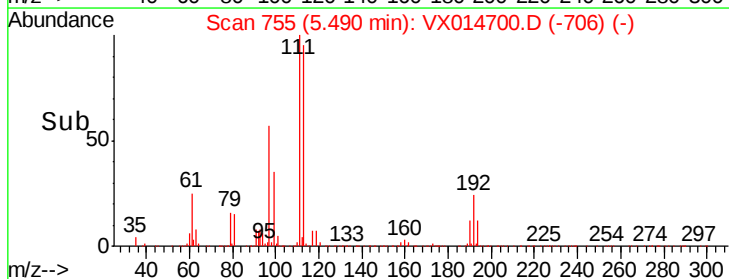
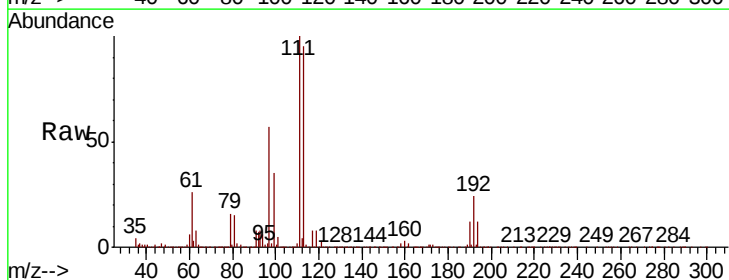
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

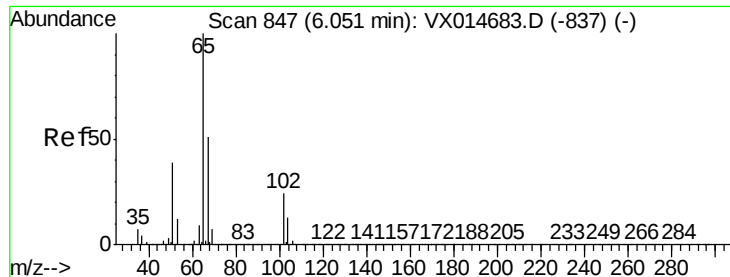
Tot Ion: 56 Resp: 143884
Ion Ratio Lower Upper
56 100
69 26.9 23.4 35.2
84 81.3 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 18.809 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 97 Resp: 129093
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 45.3 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 50.175 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

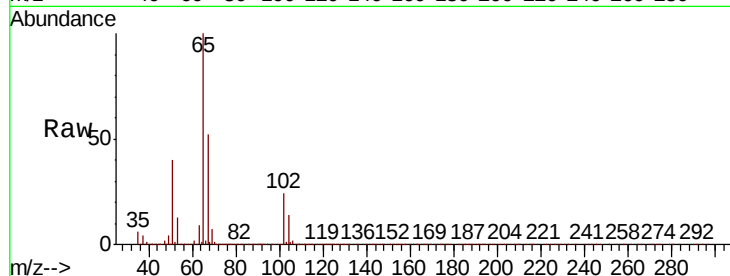
VX0124WBSD02

Tot Ion: 65 Resp: 248762

Ion Ratio Lower Upper

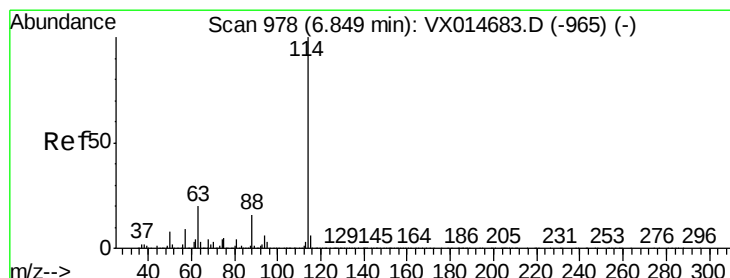
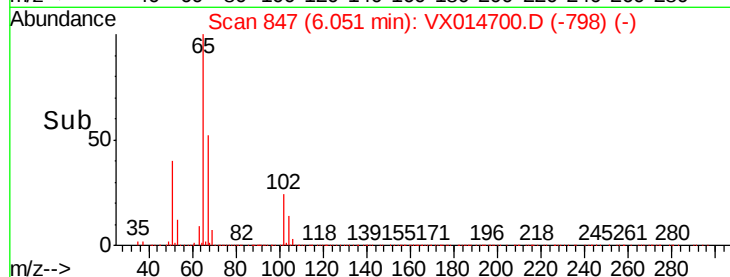
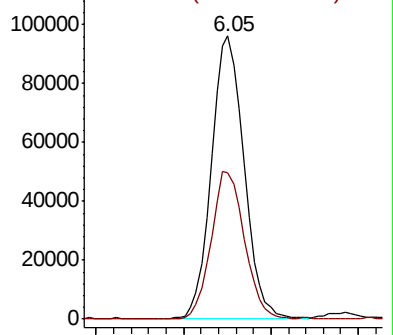
65 100

67 53.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

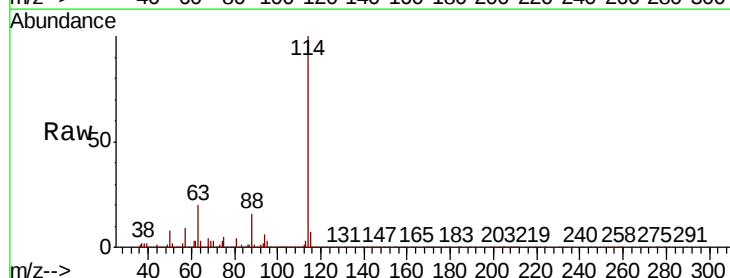
Tgt Ion: 114 Resp: 643904

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

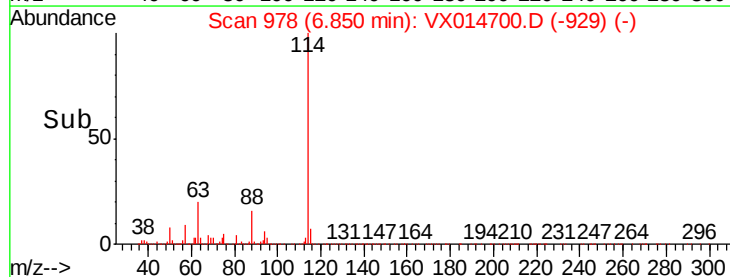
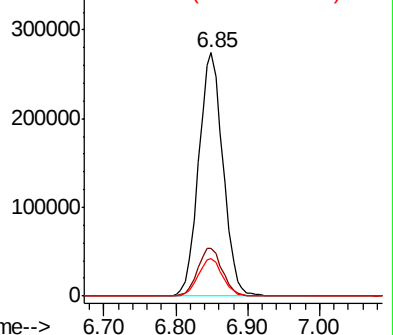
88 15.5 0.0 31.2

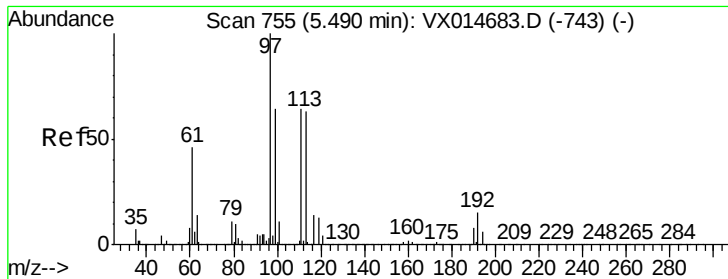


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

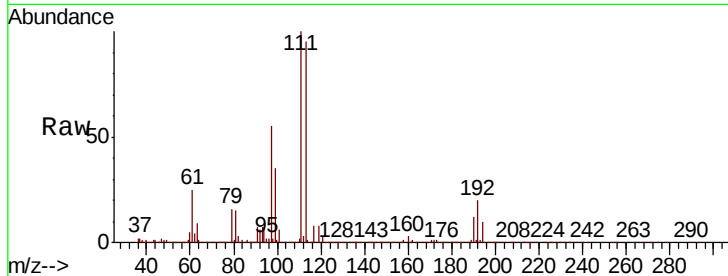
Tot Ion:113 Resp: 201194

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

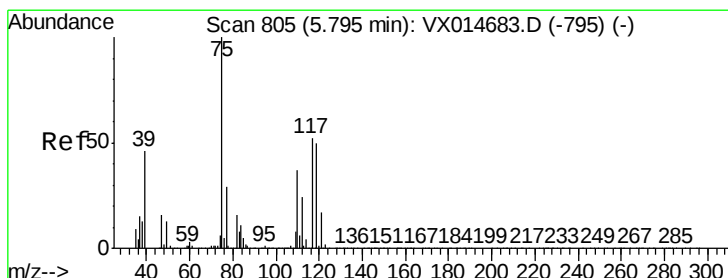
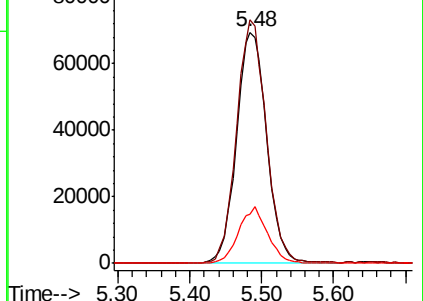
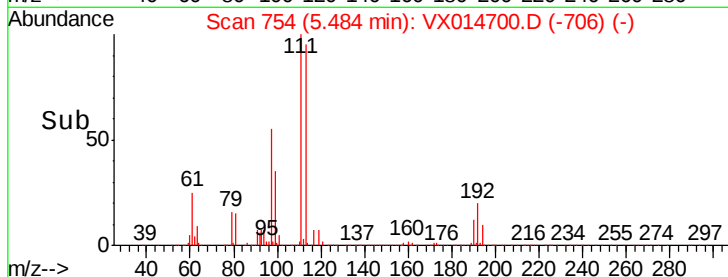
192 23.4 18.5 27.7



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: 19.037 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

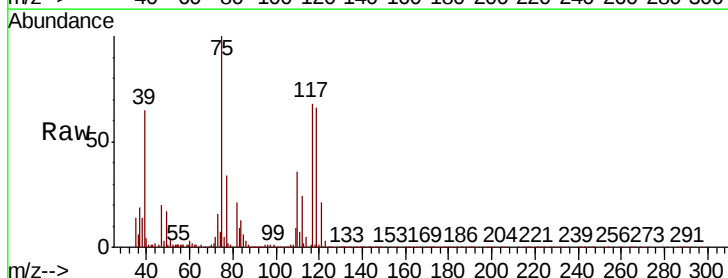
Tgt Ion: 75 Resp: 113902

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.7

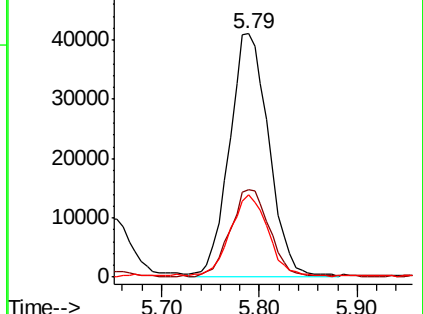
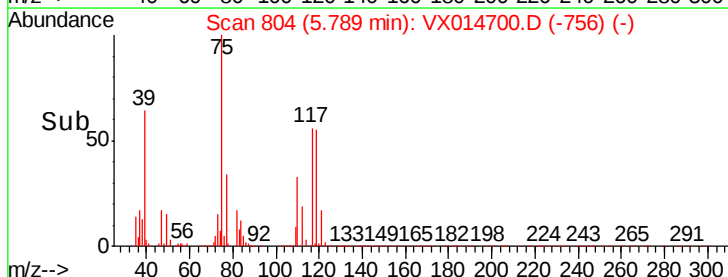
77 32.0 24.1 36.1

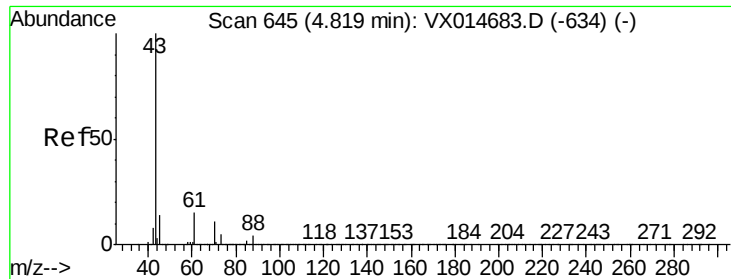


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

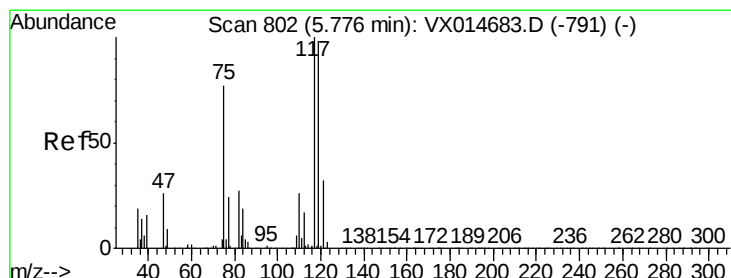
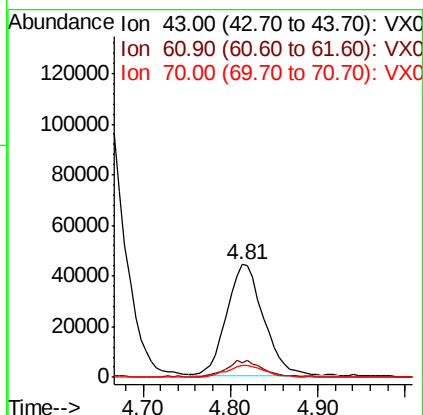
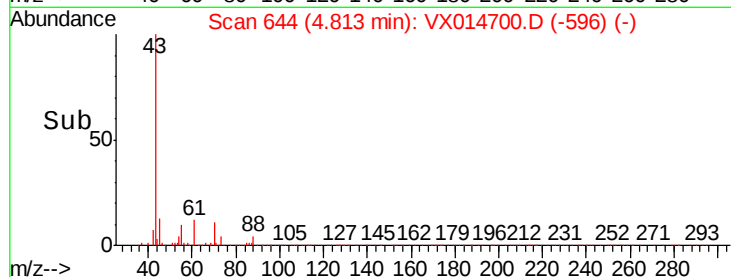
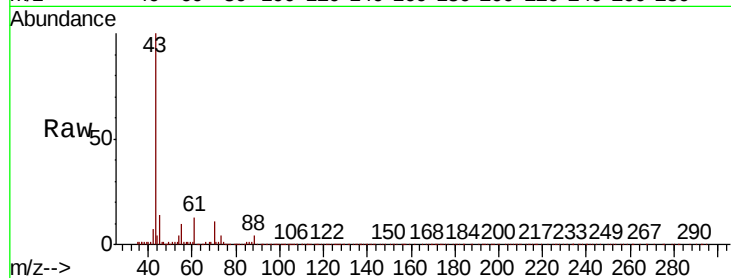




#37
Ethyl Acetate
Concen: 18.962 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

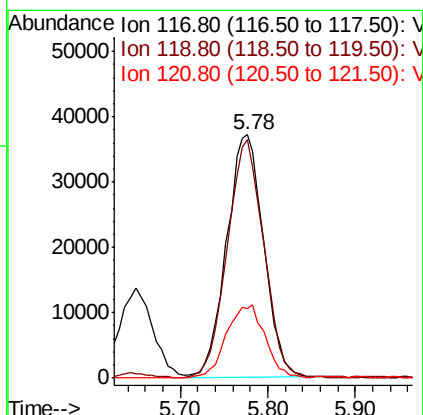
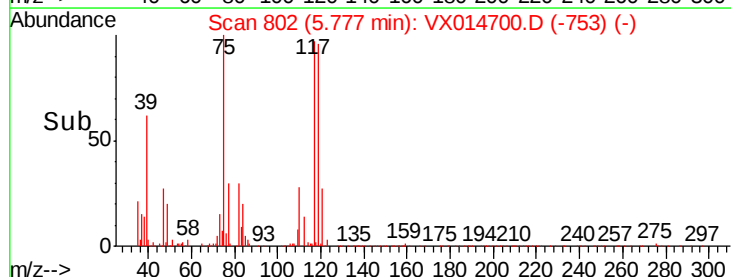
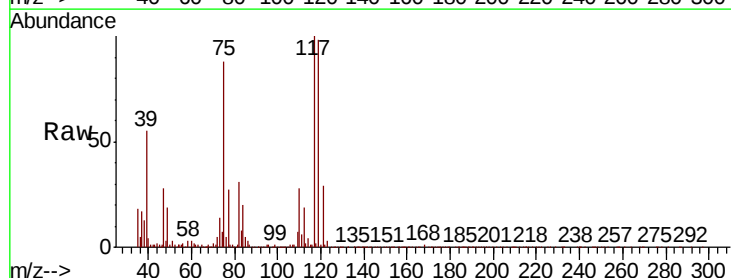
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion:	43	Resp:	129939
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.2	8.5	12.7



#38
Carbon Tetrachloride
Concen: 19.094 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion:	117	Resp:	109104
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.9	116.9
121	28.6	25.4	38.2

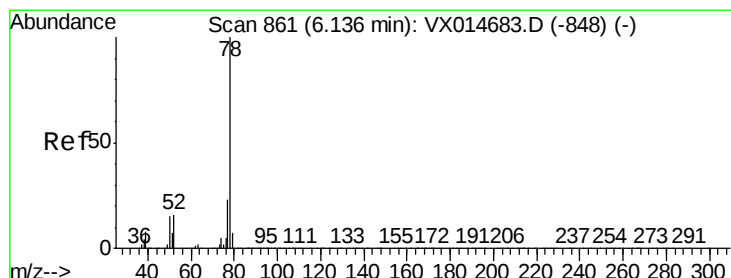
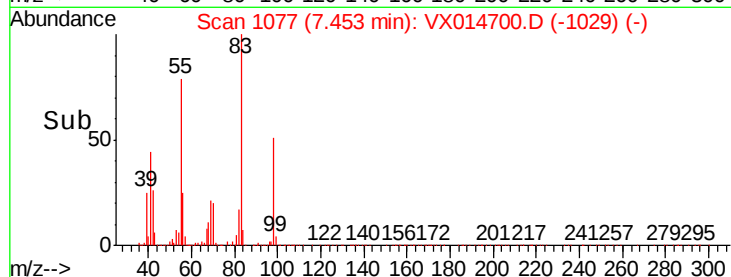
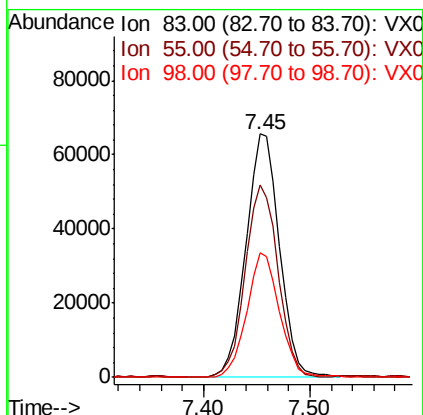
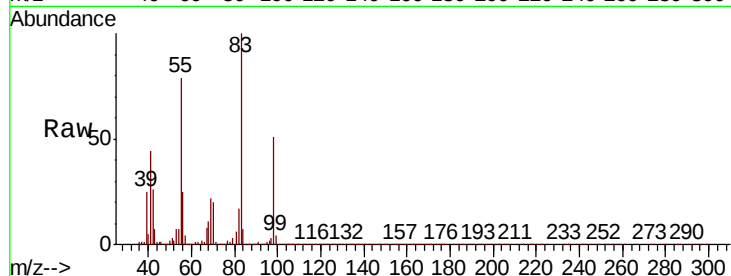




#39
Methvlcvclohexane
Concen: 19.237 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

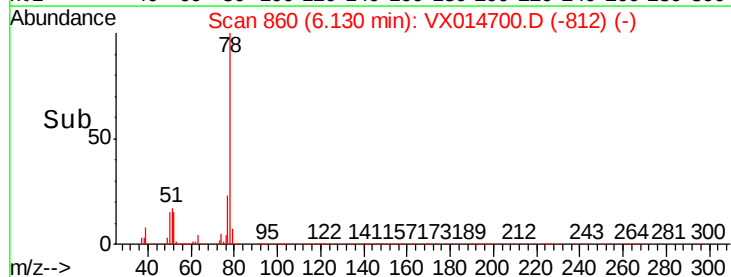
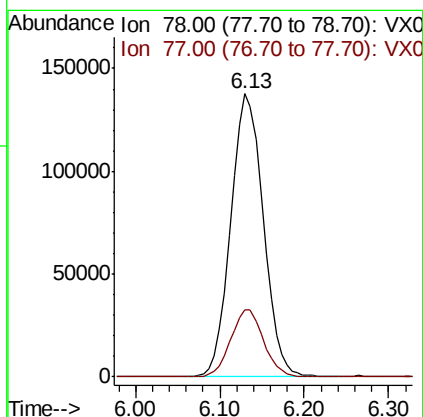
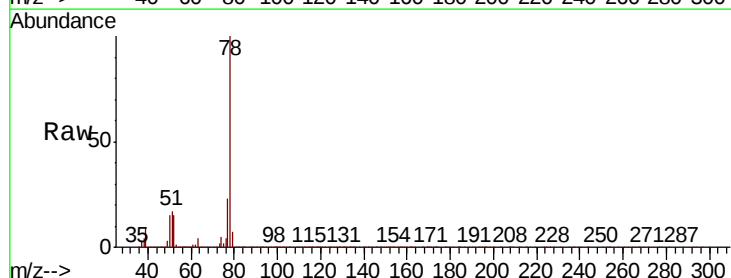
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

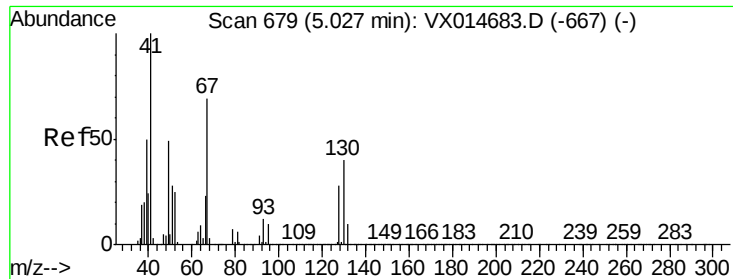
Tot Ion: 83 Resp: 144192
Ion Ratio Lower Upper
83 100
55 79.0 65.6 98.4
98 51.1 40.2 60.4



#40
Benzene
Concen: 19.430 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 78 Resp: 359189
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

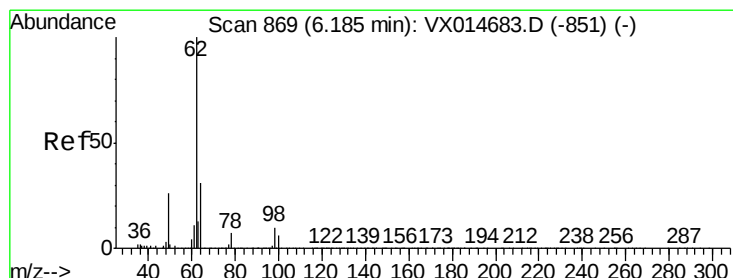
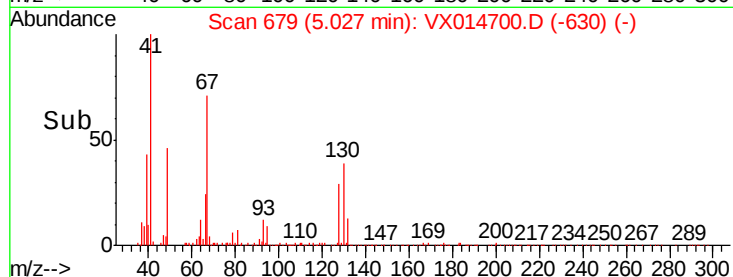
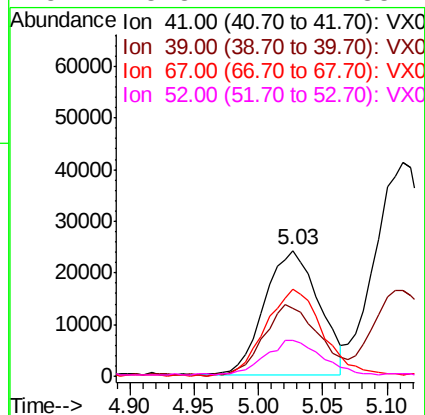
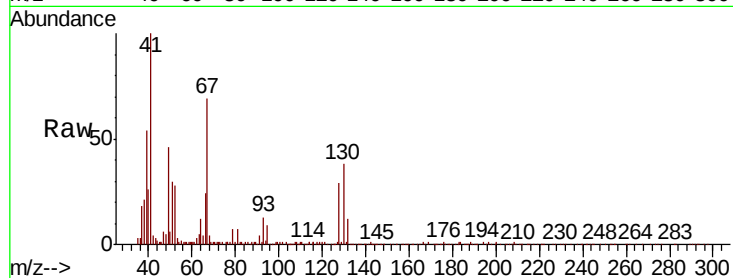




#41
Methacrylonitrile
Concen: 18.023 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

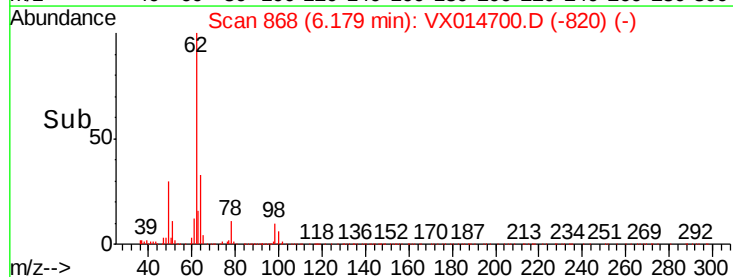
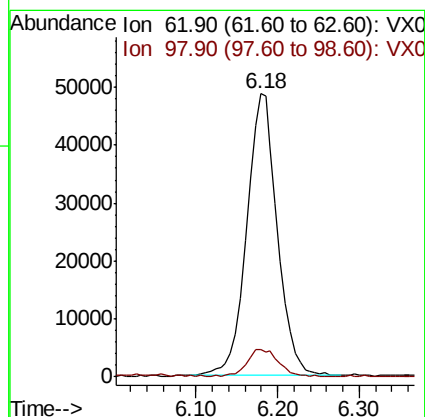
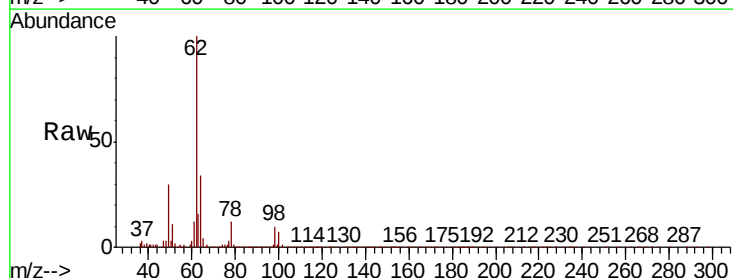
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

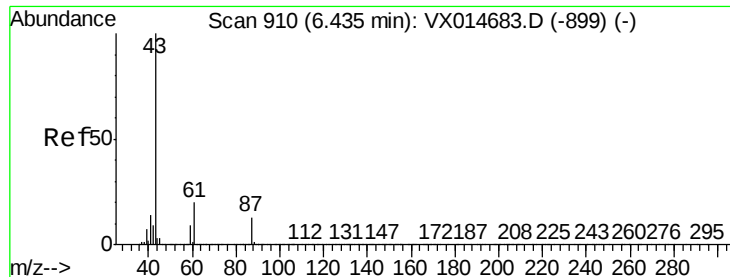
Tot Ion:	41	Resp:	71098
Ion	Ratio	Lower	Upper
41	100		
39	59.1	42.2	63.2
67	72.2	55.4	83.0
52	28.3	22.1	33.1



#42
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion:	62	Resp:	126543
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.0



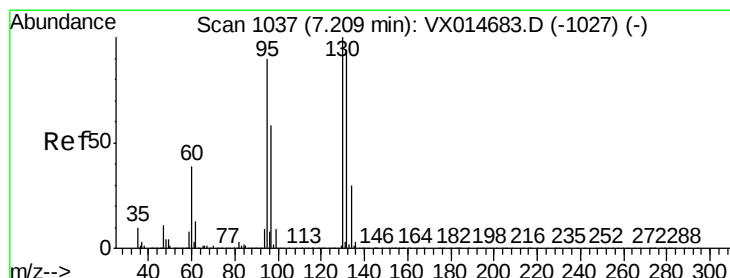
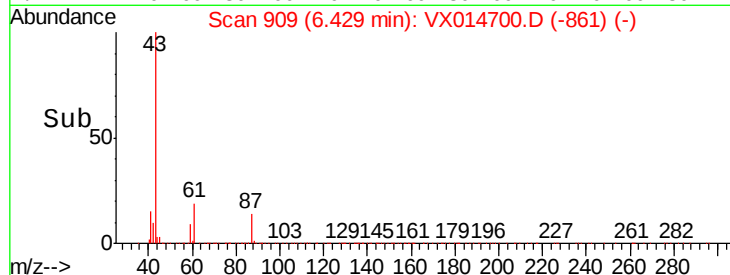
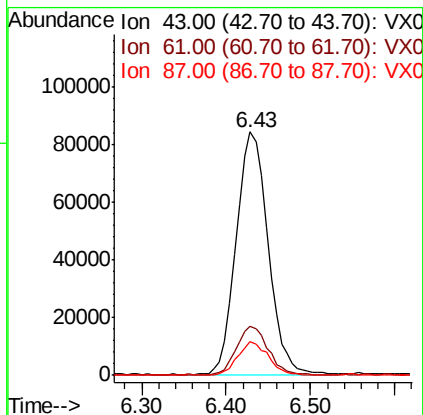
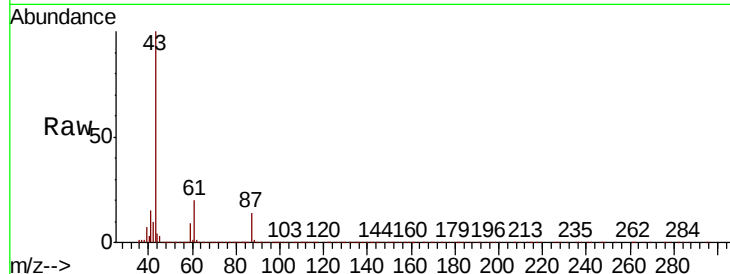


#43

Isopropyl Acetate
 Concen: 19.174 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBSD02

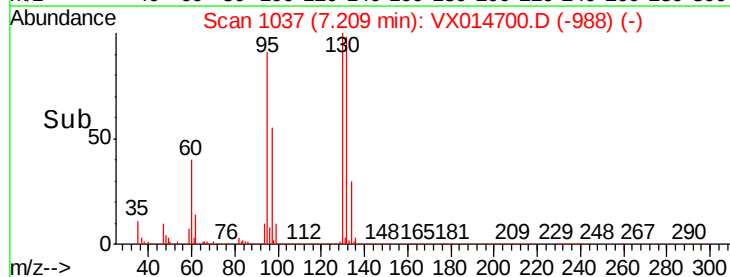
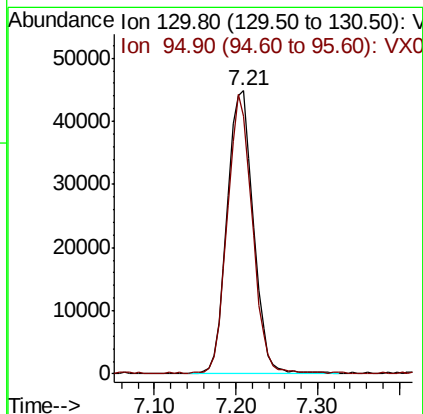
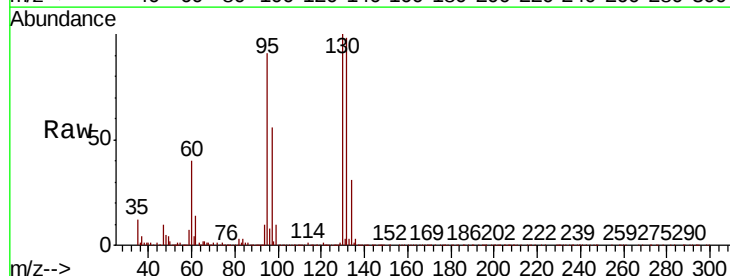
Tot Ion	43	Resp	215164
Ion Ratio	Lower	Upper	
43	100		
61	19.7	16.2	24.4
87	12.9	10.5	15.7

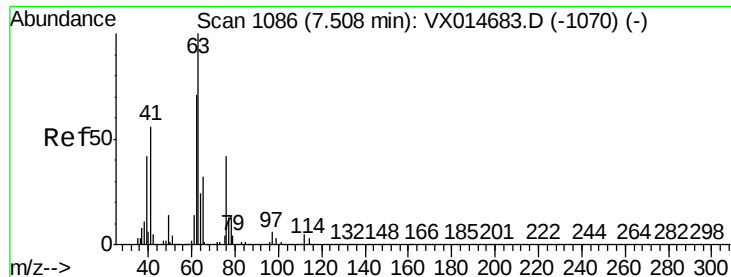


#44

Trichloroethene
 Concen: 18.927 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	130	Resp	98832
Ion Ratio	Lower	Upper	
130	100		
95	91.0	0.0	179.8

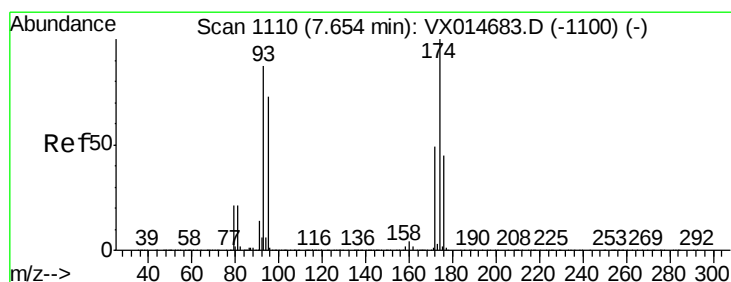
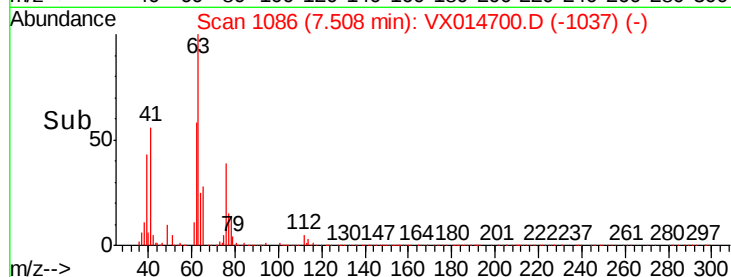
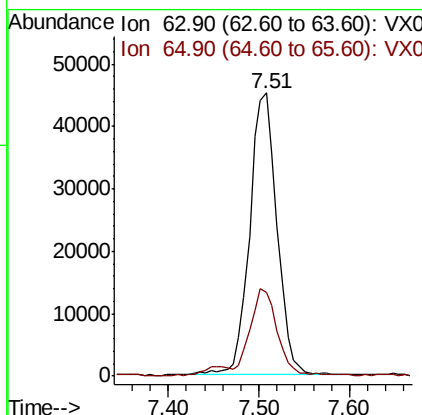
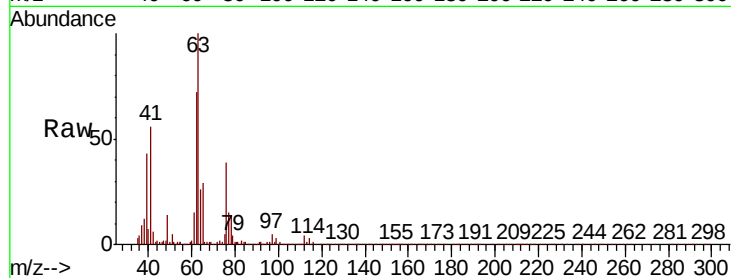




#45
 1,2-Dichloropropane
 Concen: 19.779 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

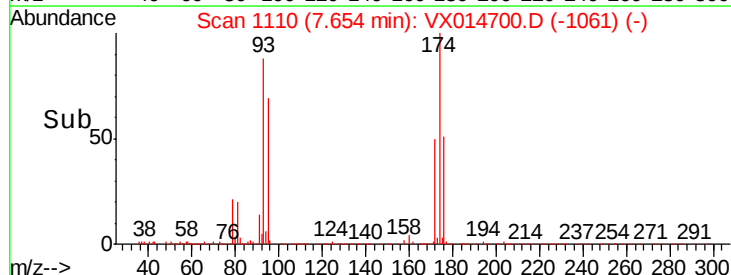
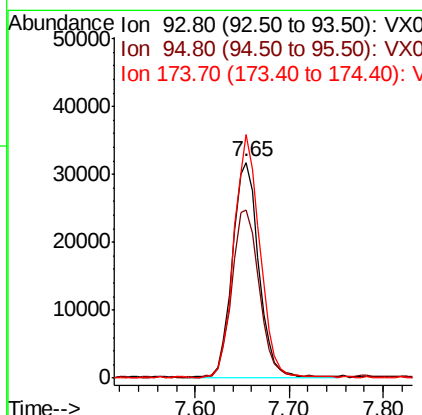
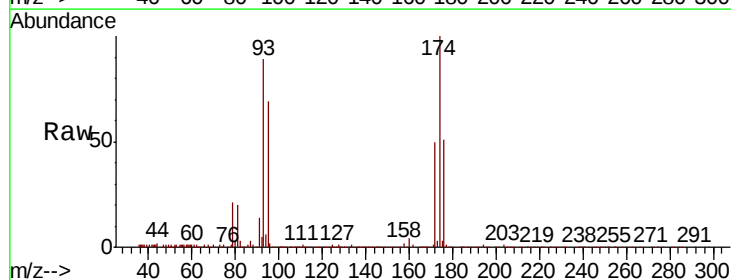
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

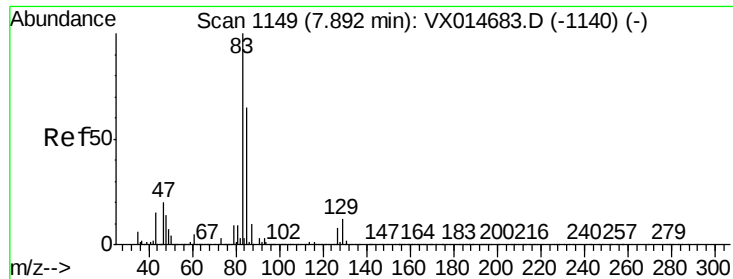
Tot Ion: 63 Resp: 94198
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.2 37.8



#46
 Dibromomethane
 Concen: 20.247 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion: 93 Resp: 62452
 Ion Ratio Lower Upper
 93 100
 95 79.5 67.0 100.4
 174 109.1 90.2 135.2





#47

Bromodichloromethane

Concen: 19.462 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

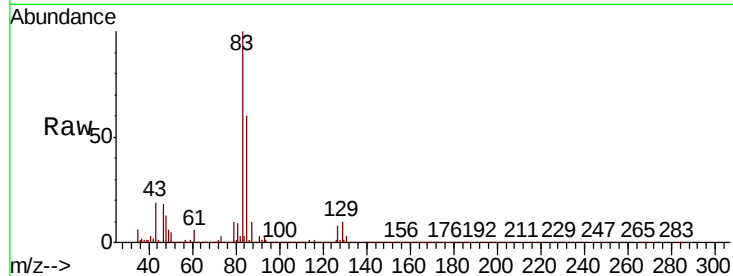
Tot Ion: 83 Resp: 117740

Ion Ratio Lower Upper

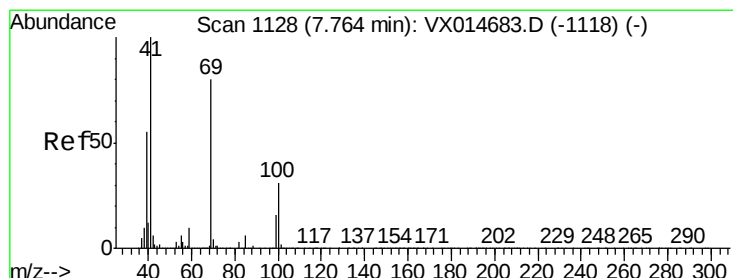
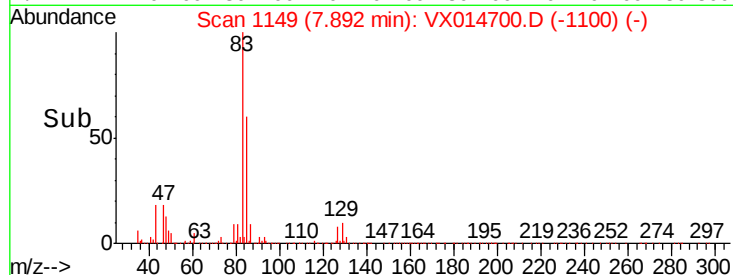
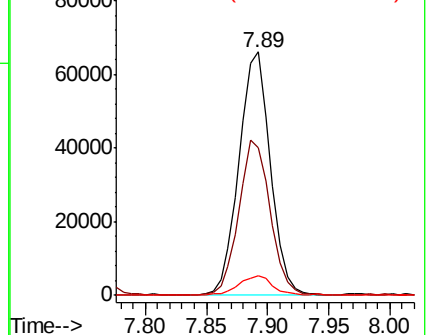
83 100

85 60.2 52.2 78.2

127 7.8 6.4 9.6



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: 19.564 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

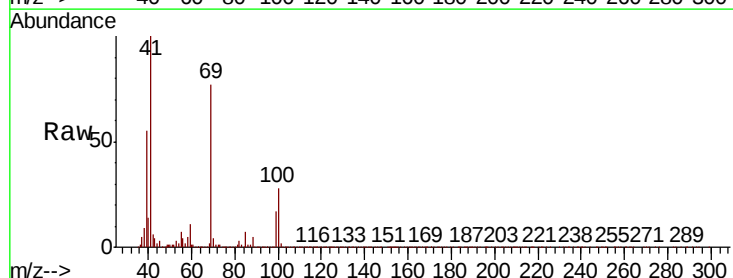
Tgt Ion: 41 Resp: 104897

Ion Ratio Lower Upper

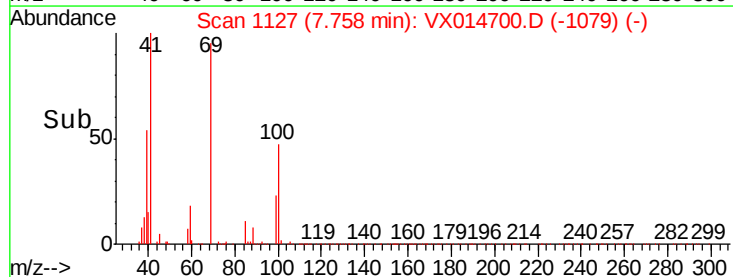
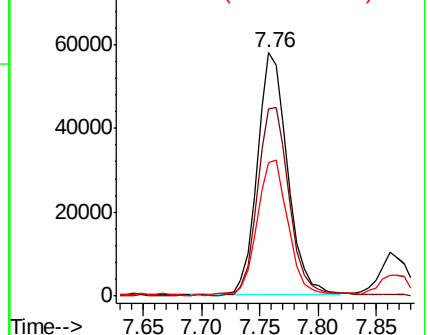
41 100

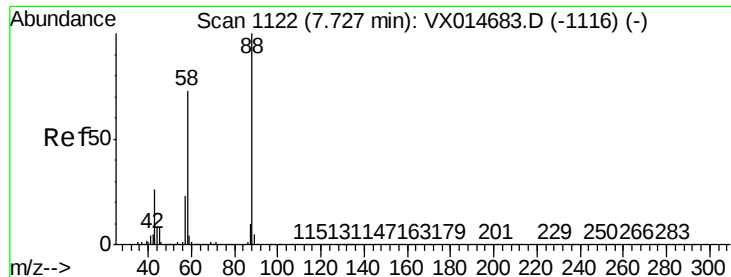
69 81.5 63.5 95.3

39 57.5 43.7 65.5



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: 369.868 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

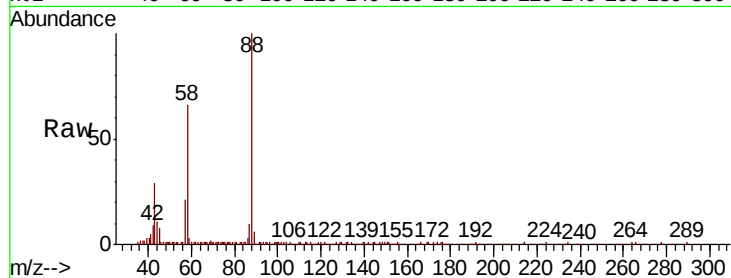
MSVOA_X

ClientSampleId :

VX0124WBSD02

Tot Ion: 88 Resp: 42037

Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.2	39.2
58	70.0	56.6	85.0

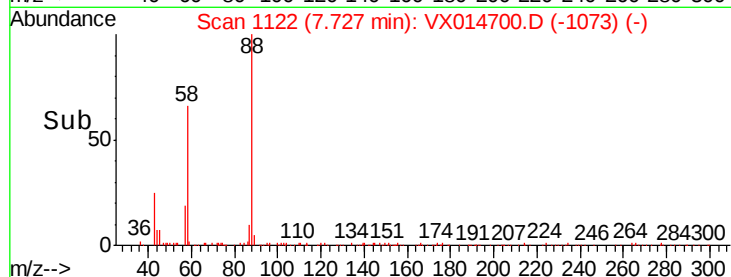


Abundance

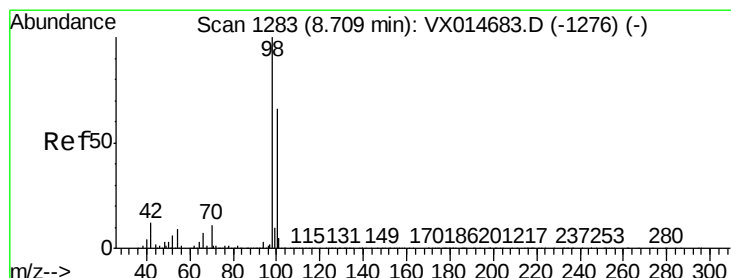
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.437 ug/l

RT: 8.71 min Scan# 1283

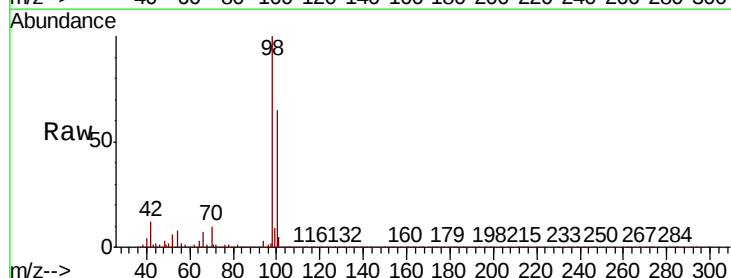
Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion: 98 Resp: 787811

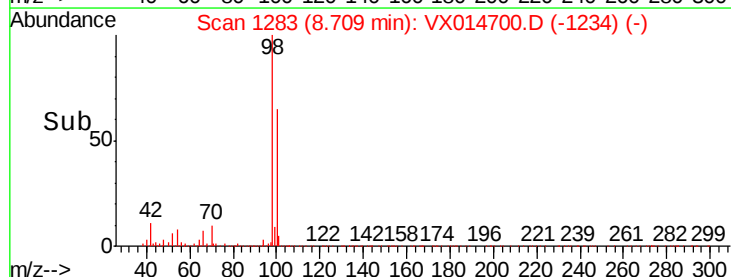
Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.6



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 95.020 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

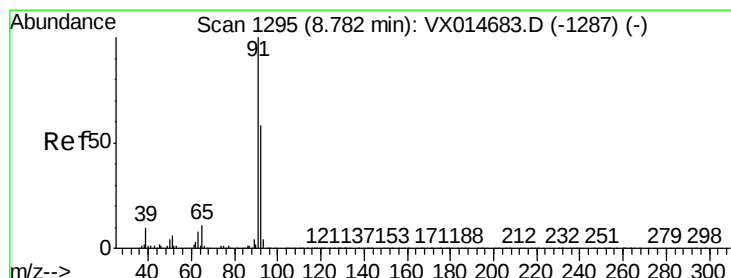
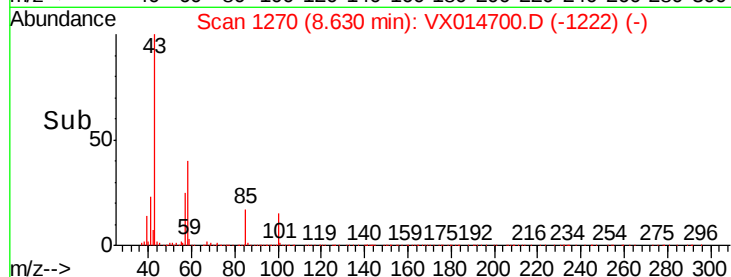
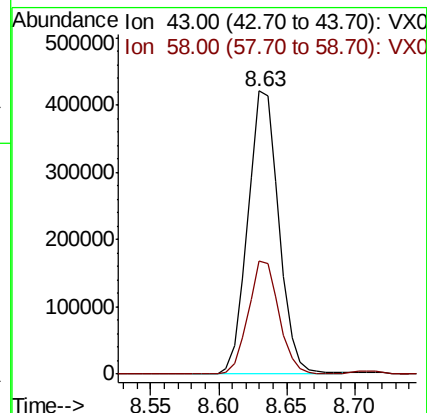
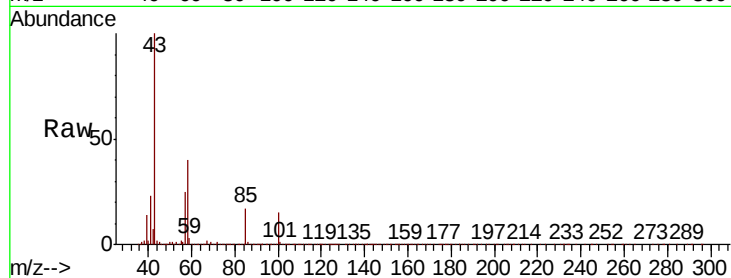
VX0124WBSD02

Tot Ion: 43 Resp: 672980

Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4



#52

Toluene

Concen: 19.763 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014700.D

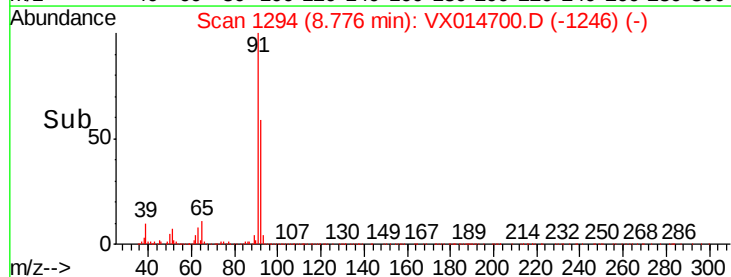
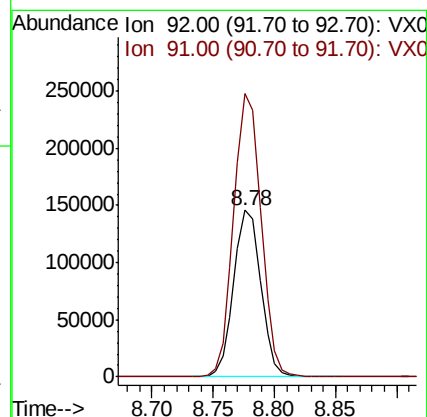
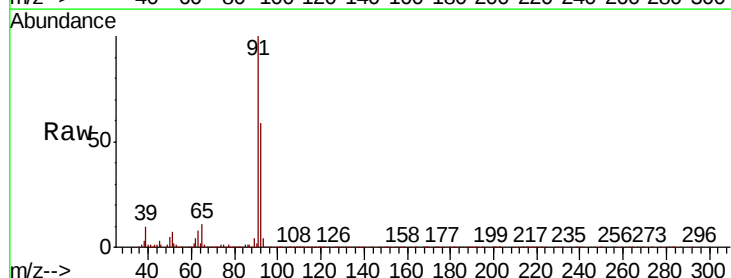
Acq: 24 Jan 2020 16:33

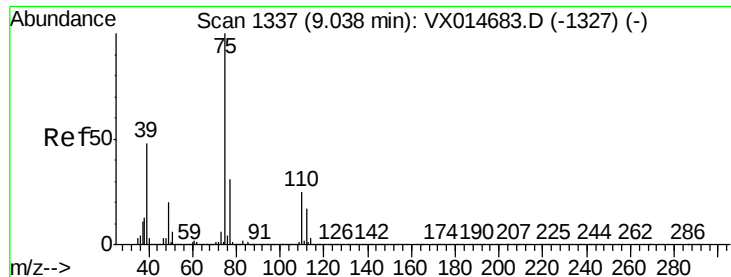
Tgt Ion: 92 Resp: 224579

Ion Ratio Lower Upper

92 100

91 171.4 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.311 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

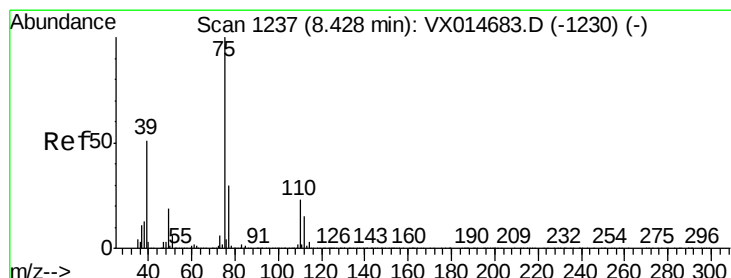
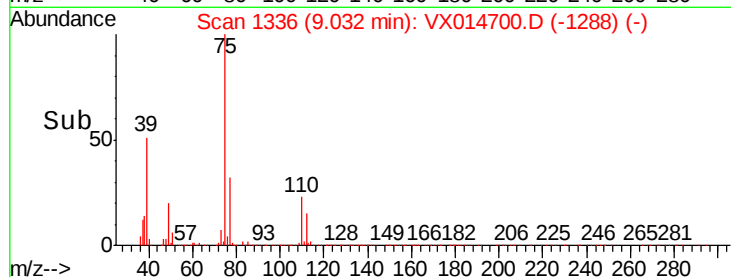
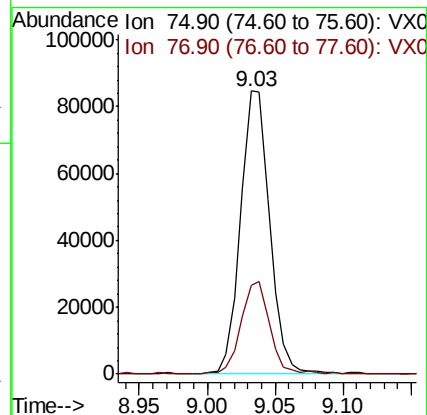
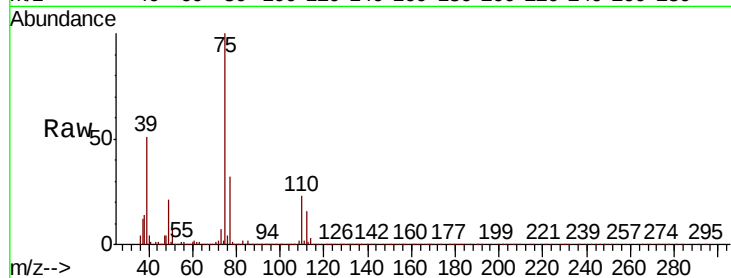
VX0124WBSD02

Tot Ion: 75 Resp: 125798

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 20.214 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

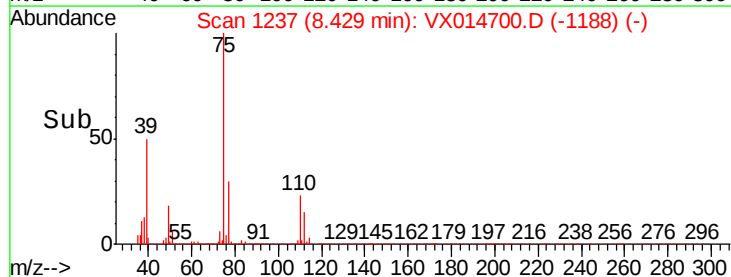
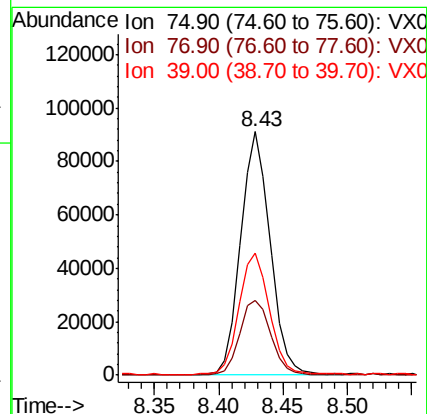
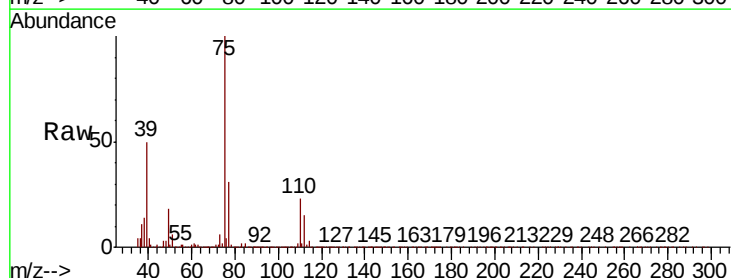
Tgt Ion: 75 Resp: 144860

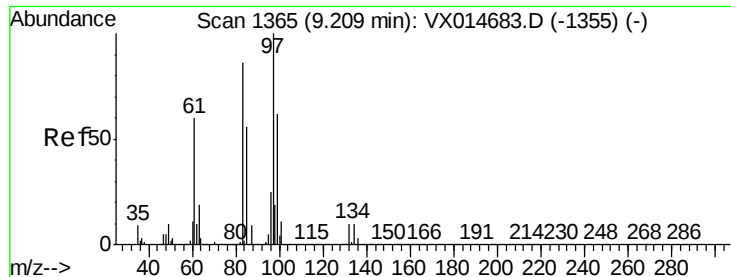
Ion Ratio Lower Upper

75 100

77 30.2 23.9 35.9

39 49.7 40.9 61.3

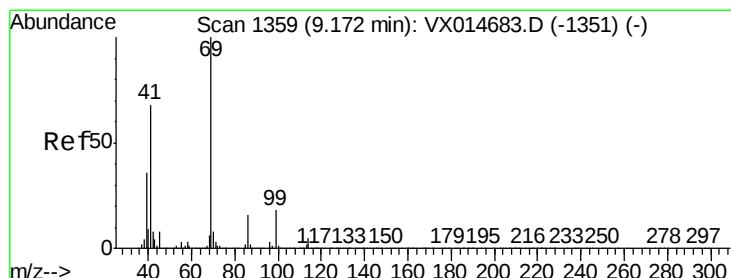
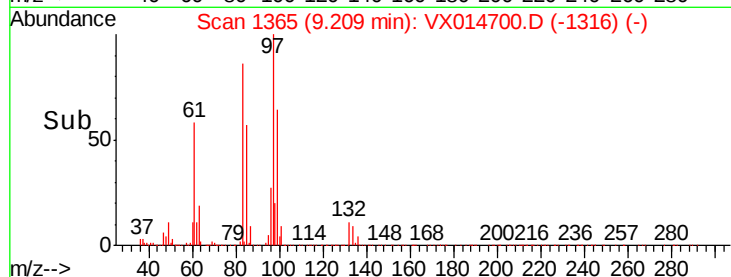
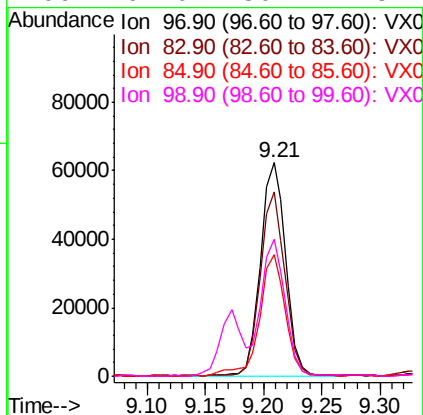
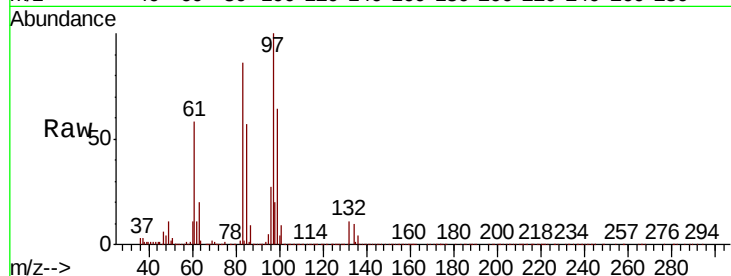




#55
 1,1,2-Trichloroethane
 Concen: 20.120 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

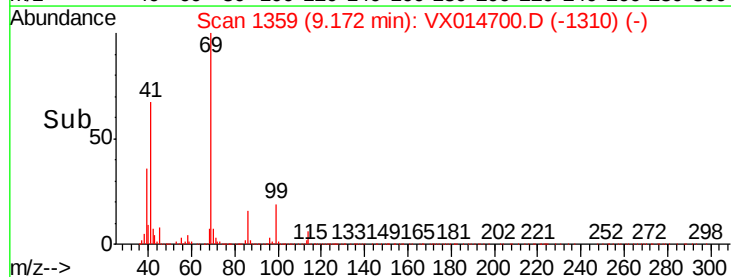
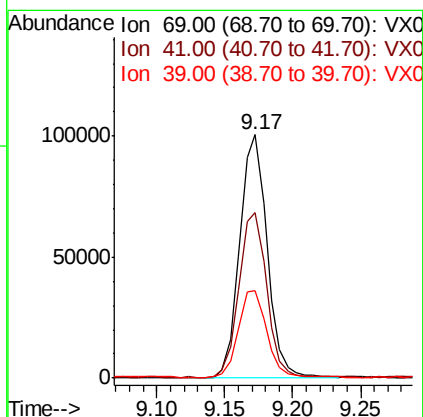
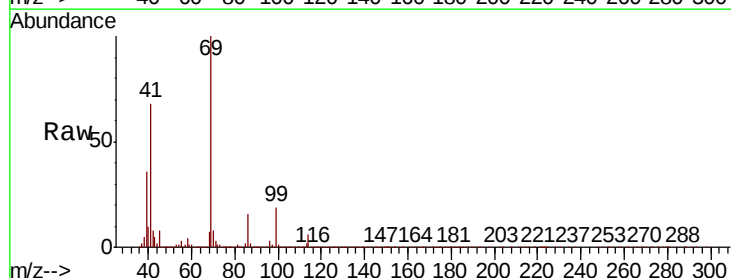
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

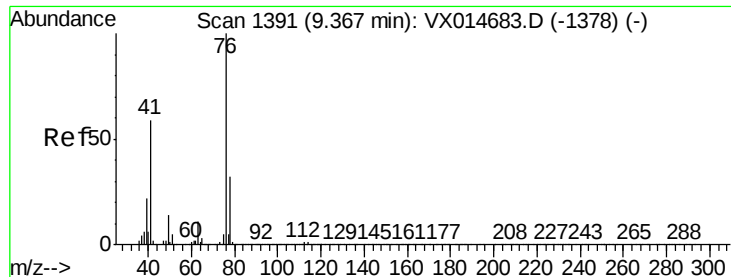
Tot Ion:	97	Resp:	93610
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.2	103.8
85	56.9	44.6	67.0
99	64.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.053 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion:	69	Resp:	141247
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.9	82.3
39	37.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.792 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

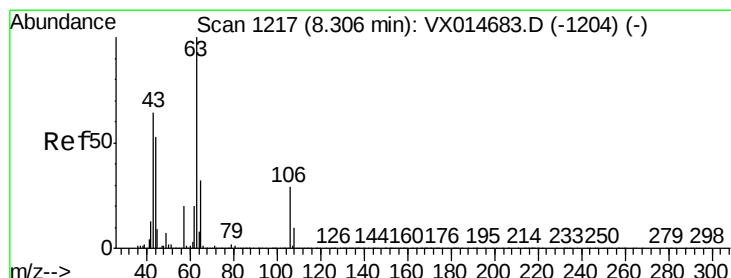
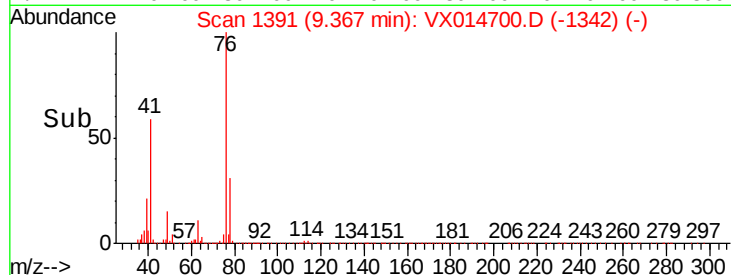
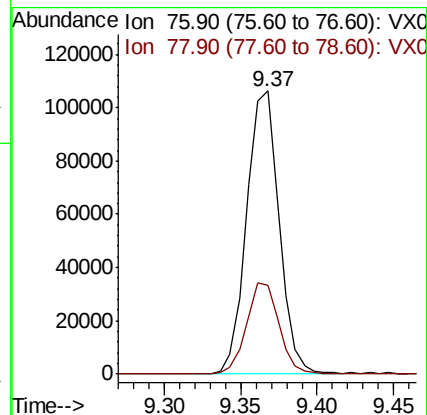
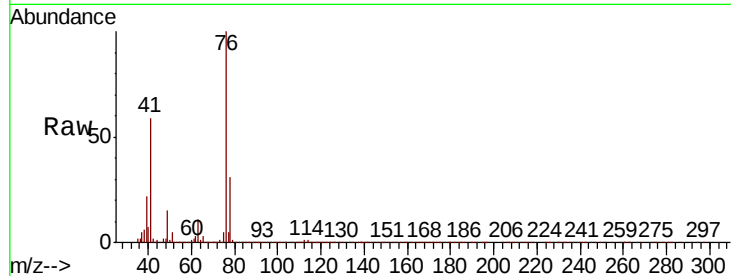
VX0124WBSD02

Tot Ion: 76 Resp: 157419

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 94.465 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014700.D

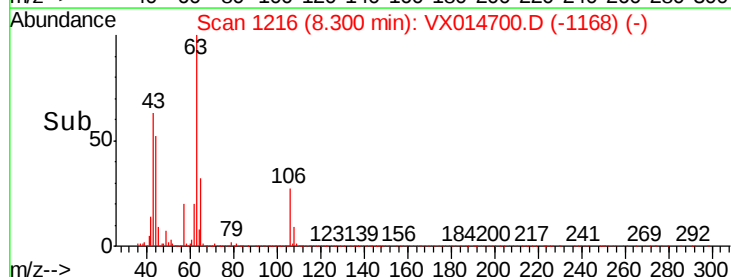
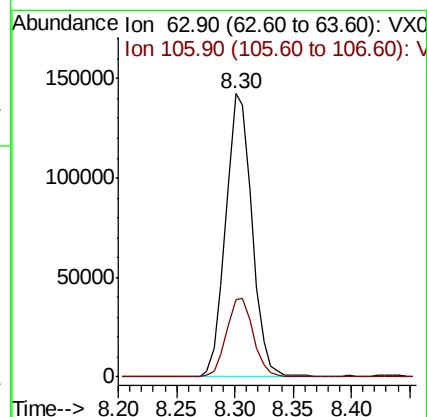
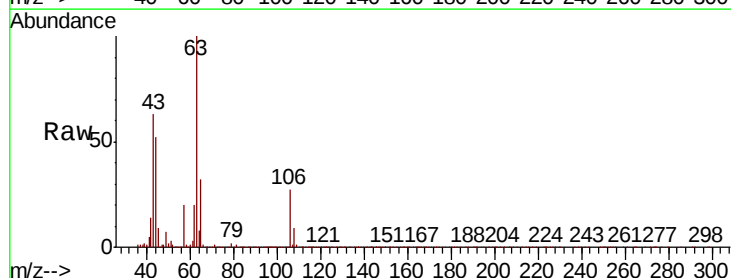
Acq: 24 Jan 2020 16:33

Tgt Ion: 63 Resp: 221034

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1

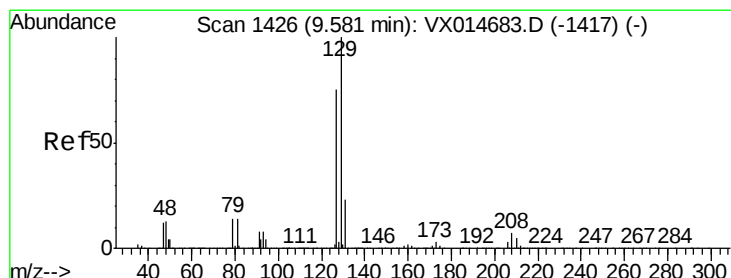
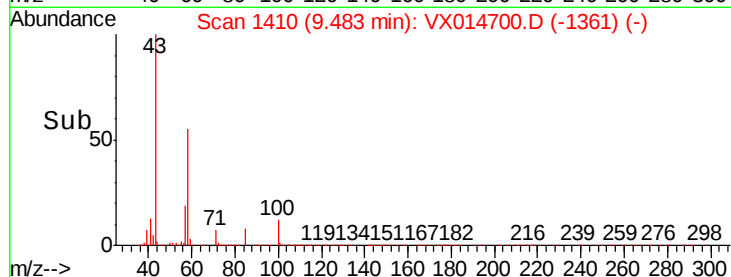
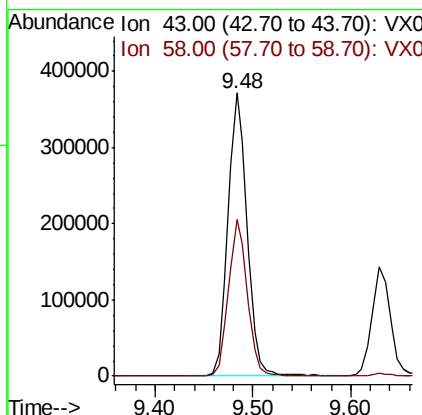
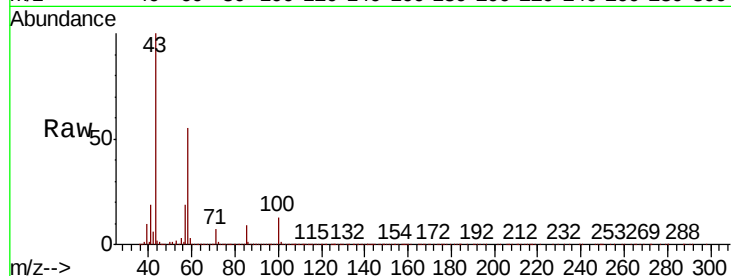




#59
2-Hexanone
Concen: 91.529 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

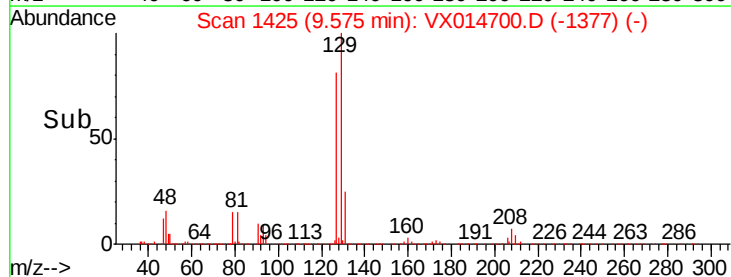
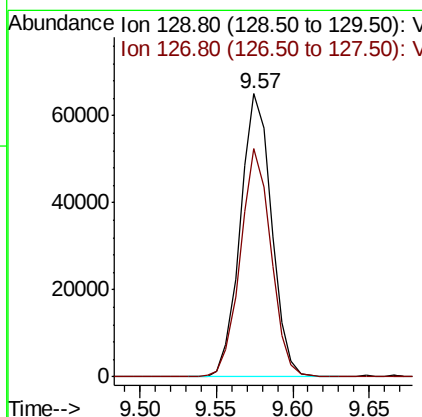
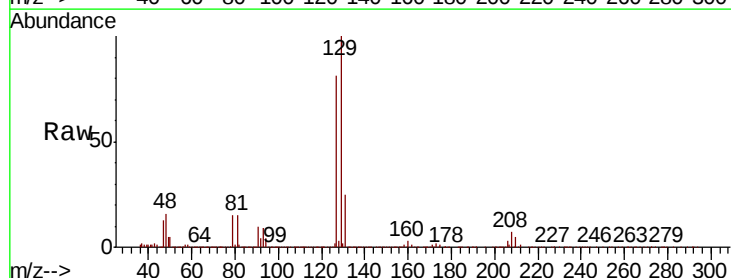
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

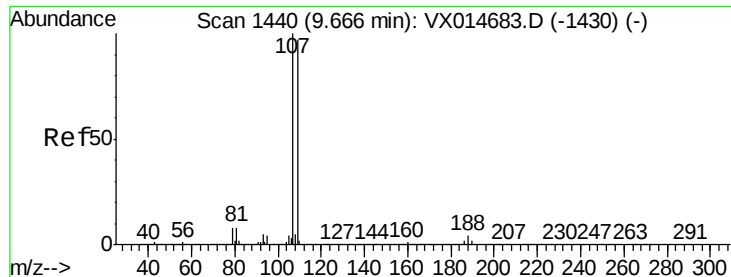
Tot Ion: 43 Resp: 503040
Ion Ratio Lower Upper
43 100
58 54.6 27.2 81.5



#60
Dibromochloromethane
Concen: 18.902 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion: 129 Resp: 91795
Ion Ratio Lower Upper
129 100
127 79.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.601 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

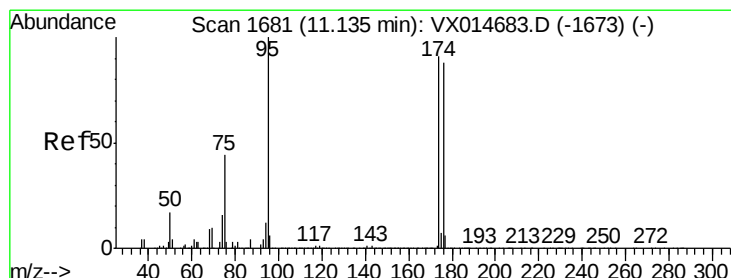
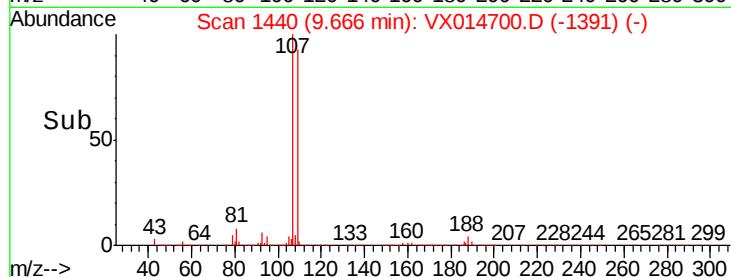
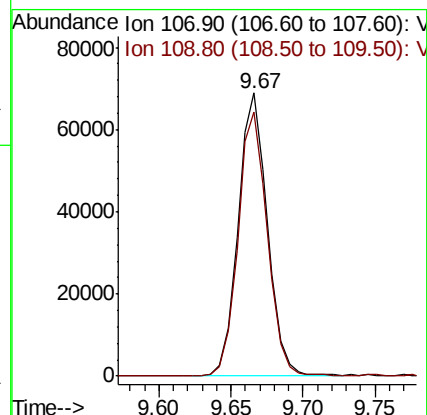
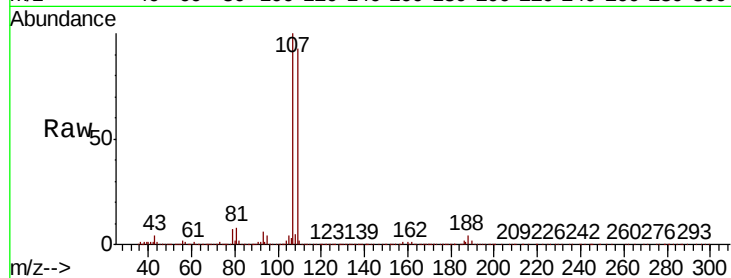
VX0124WBSD02

Tot Ion:107 Resp: 96421

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 49.625 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

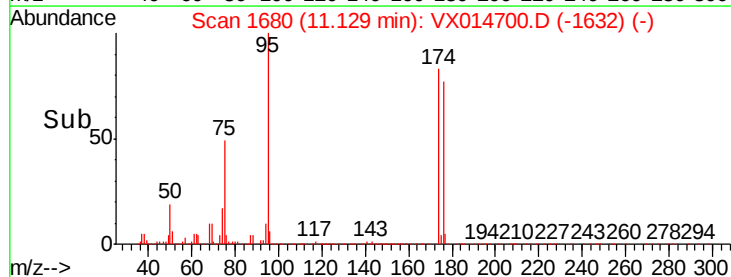
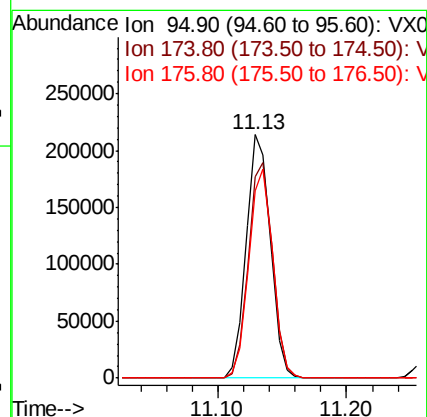
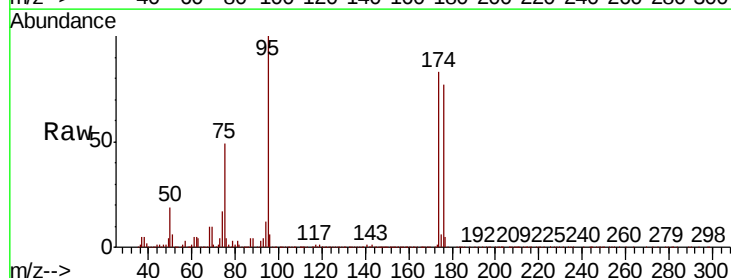
Tgt Ion: 95 Resp: 276117

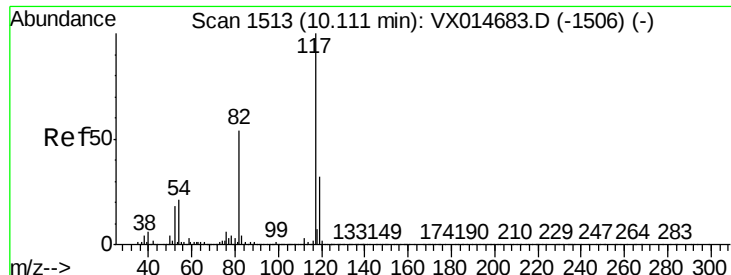
Ion Ratio Lower Upper

95 100

174 88.6 0.0 176.0

176 85.3 0.0 172.2

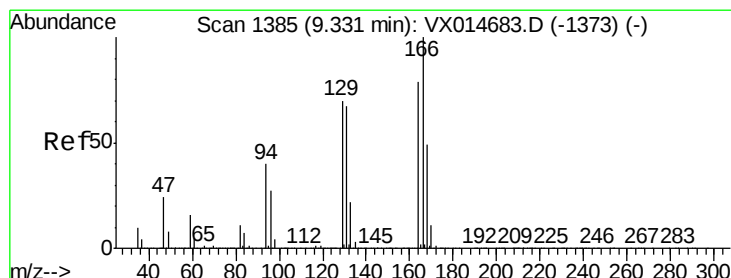
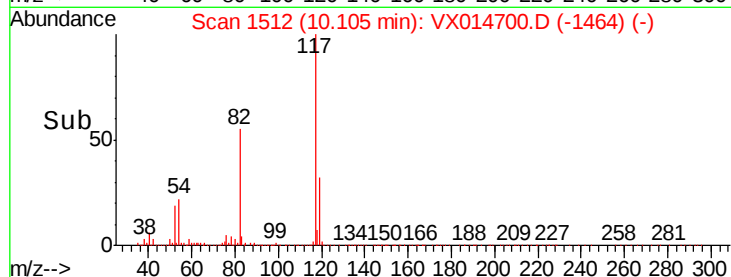
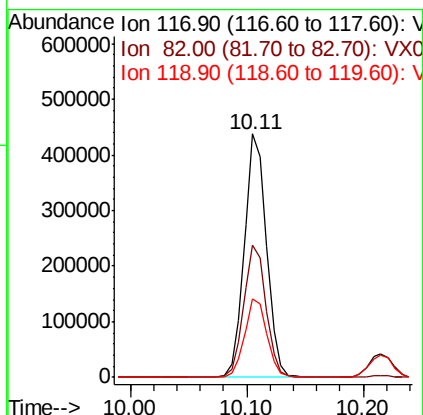
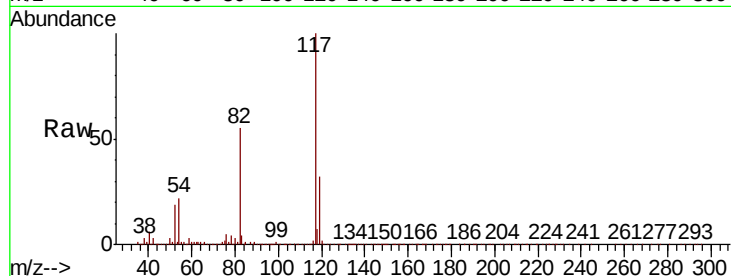




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

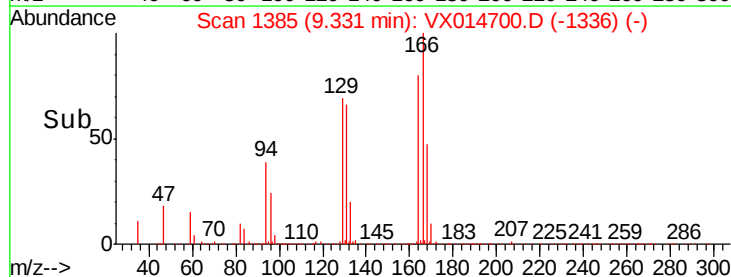
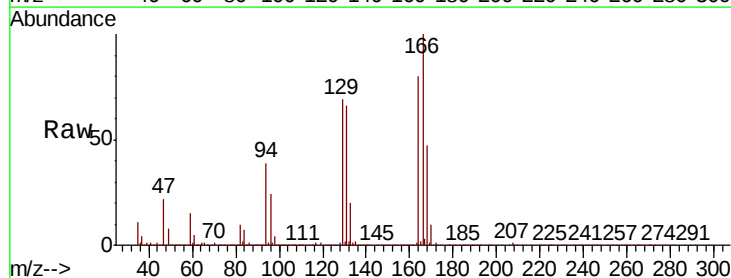
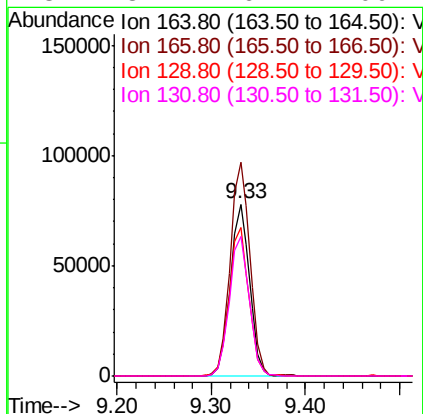
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.2	64.8
119	32.1	25.8	38.6



#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	100.9	151.3
129	86.1	71.0	106.6
131	81.4	67.1	100.7

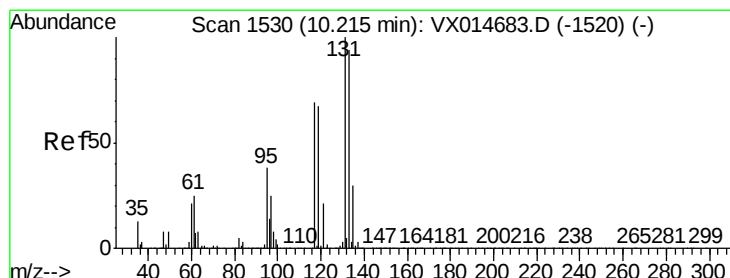
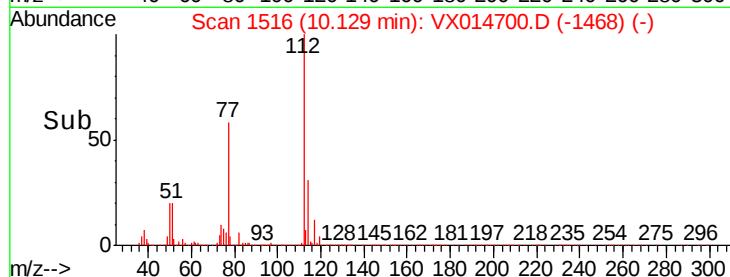
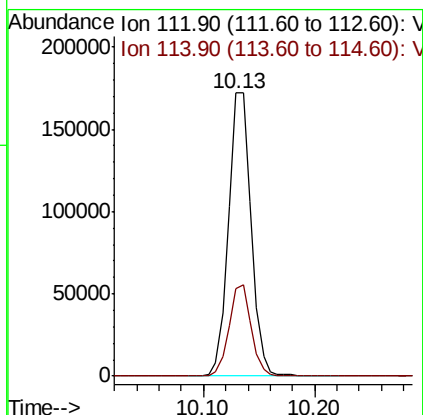
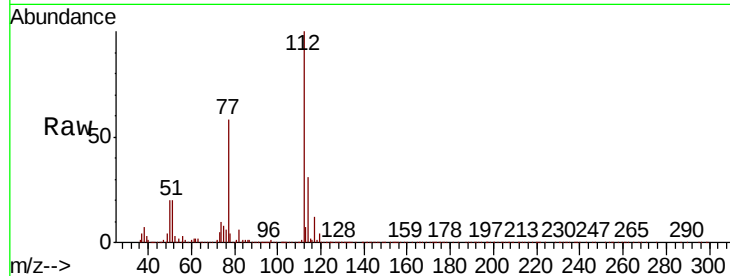




#65
Chlorobenzene
Concen: 19.509 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

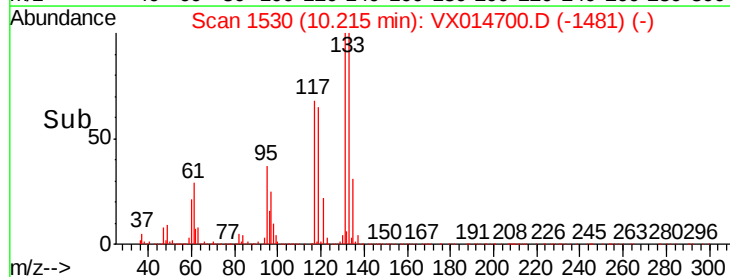
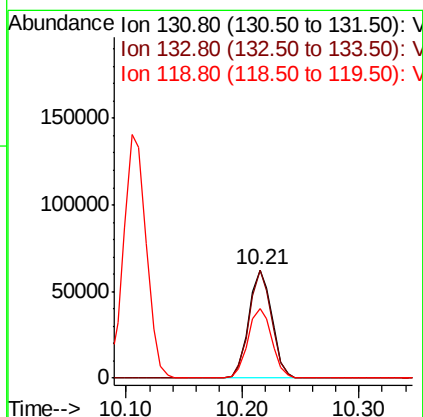
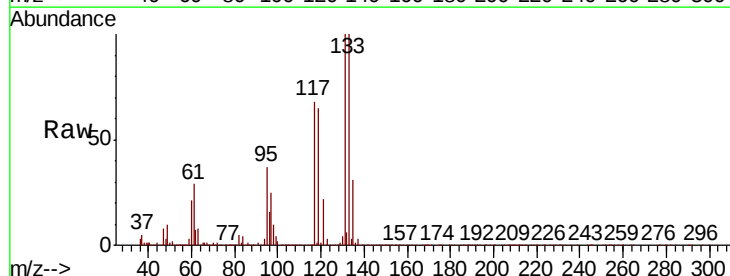
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

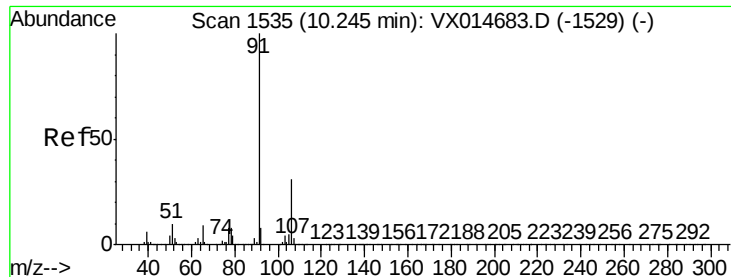
Tot Ion:112 Resp: 242153
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.142 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion:131 Resp: 87606
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.3
119 66.1 33.3 99.8





#67

Ethyl Benzene

Concen: 19.808 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

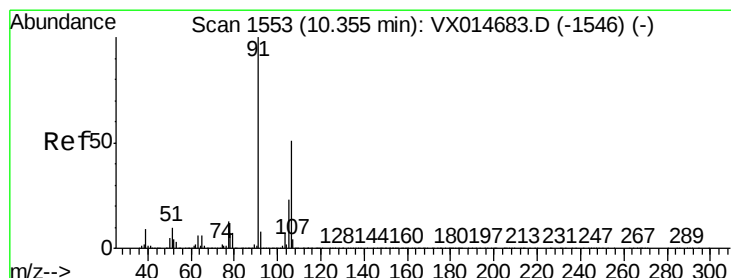
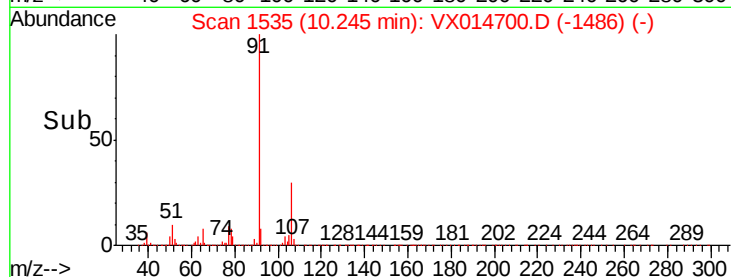
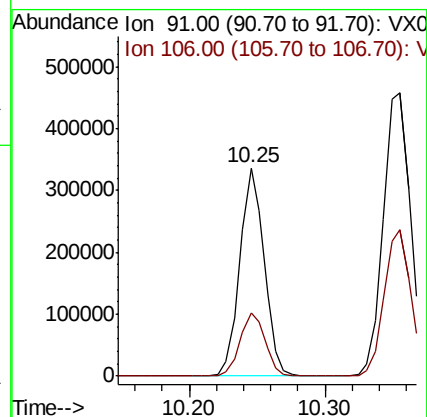
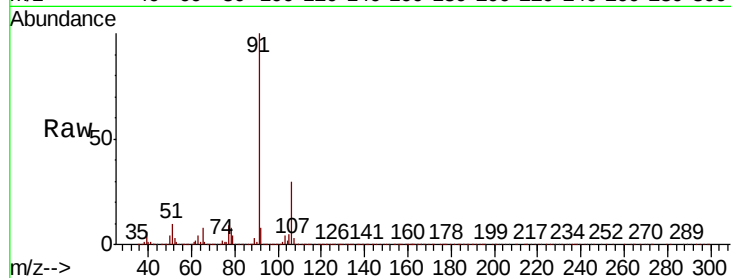
VX0124WBSD02

Tot Ion: 91 Resp: 419819

Ion Ratio Lower Upper

91 100

106 30.2 24.9 37.3



#68

m/p-Xylenes

Concen: 40.173 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014700.D

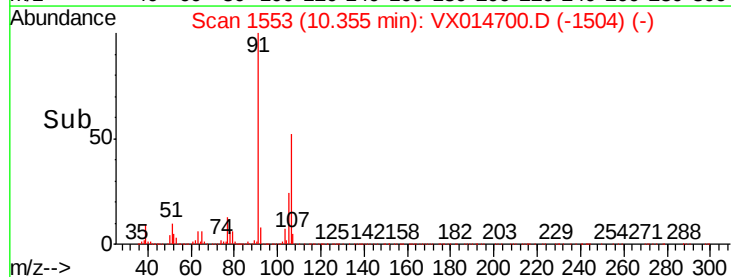
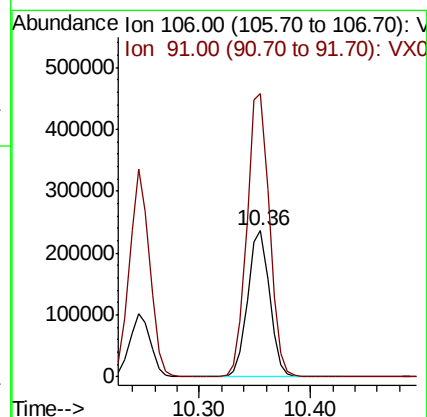
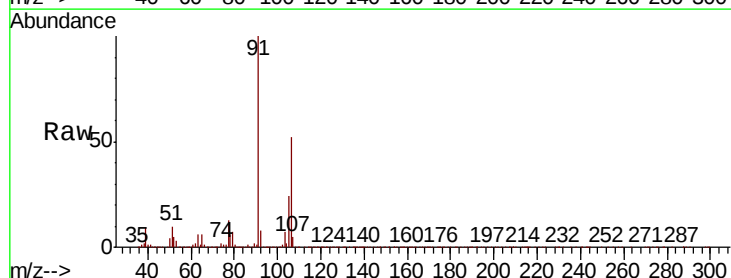
Acq: 24 Jan 2020 16:33

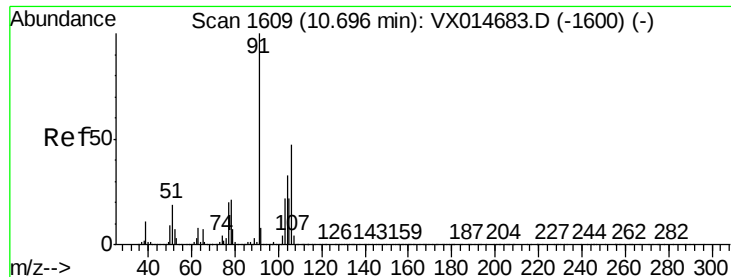
Tgt Ion: 106 Resp: 322563

Ion Ratio Lower Upper

106 100

91 198.7 159.4 239.2

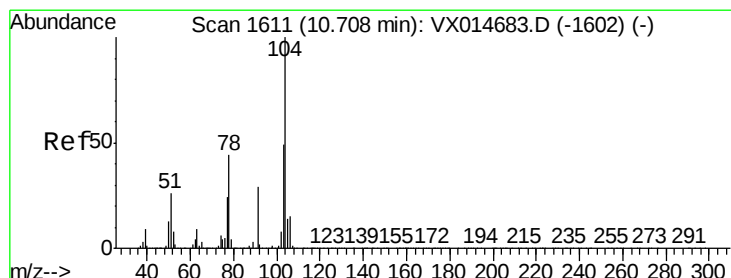
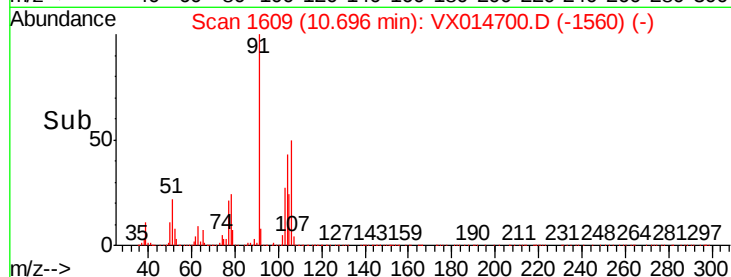
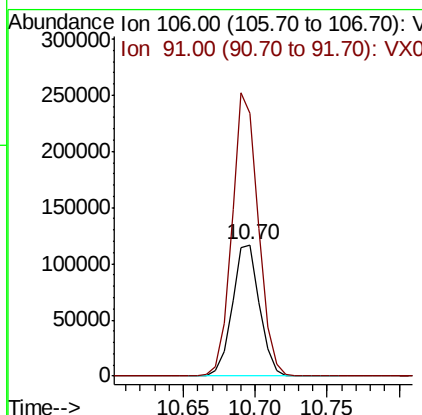
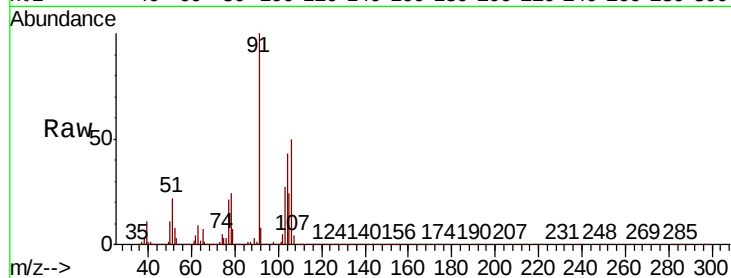




#69
o-Xylene
Concen: 19.897 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

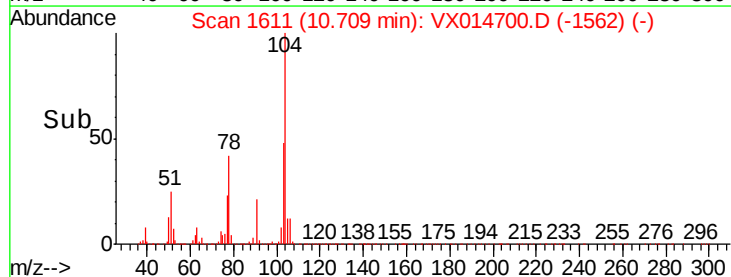
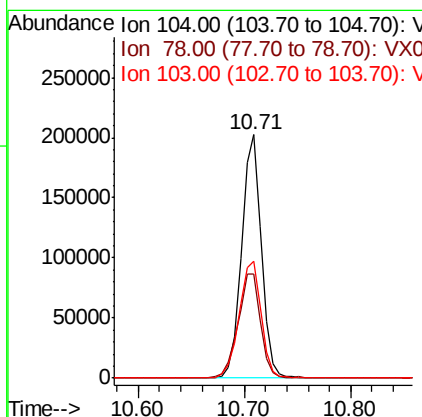
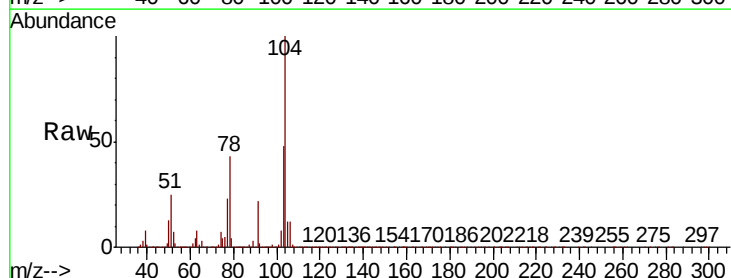
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

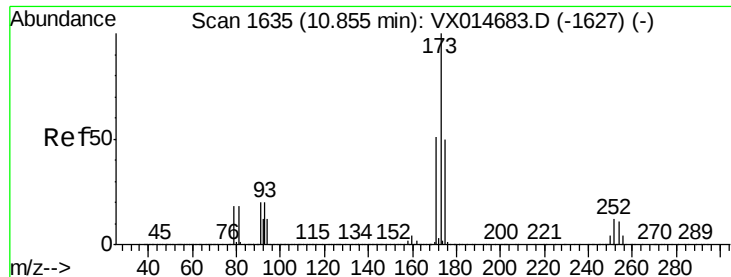
Tot Ion:106 Resp: 154235
Ion Ratio Lower Upper
106 100
91 209.4 106.2 318.6



#70
Styrene
Concen: 20.245 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion:104 Resp: 263251
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 54.1 43.5 65.3





#71

Bromoform

Concen: 18.950 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

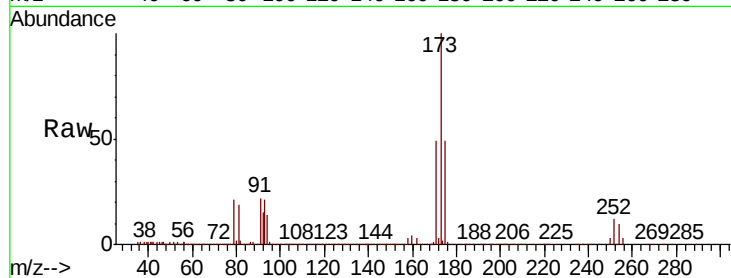
Tot Ion:173 Resp: 68968

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.6

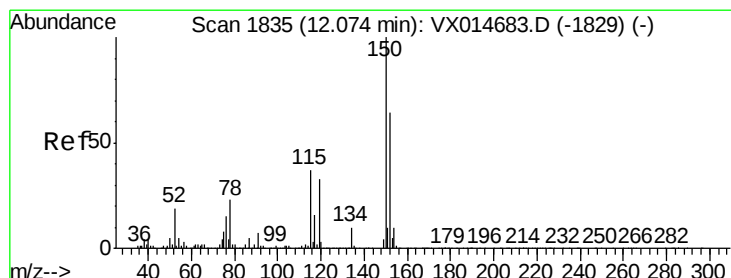
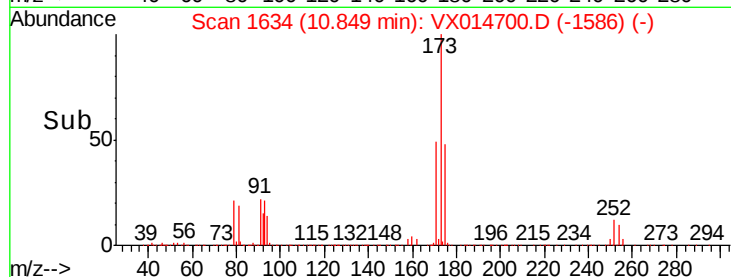
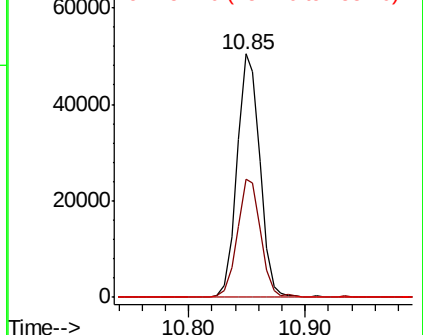
254 0.3 0.1 0.1#



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: VX014700.D

Acq: 24 Jan 2020 16:33

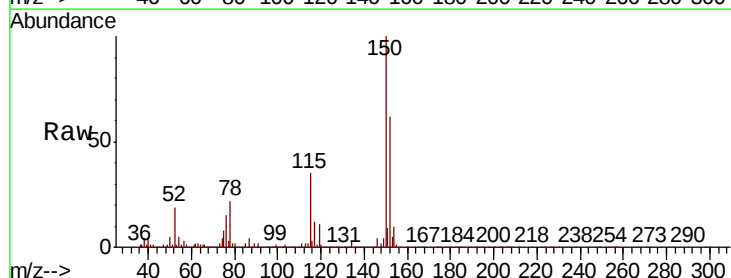
Tgt Ion:152 Resp: 291764

Ion Ratio Lower Upper

152 100

115 64.8 39.4 118.1

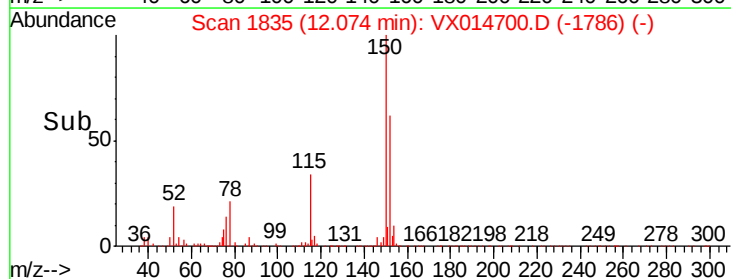
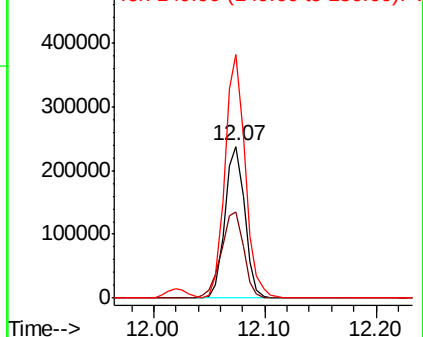
150 164.2 0.0 351.2

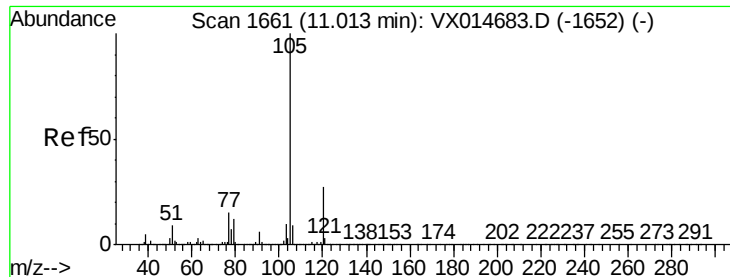


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.118 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

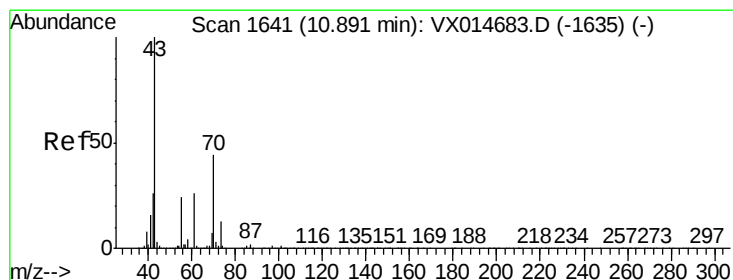
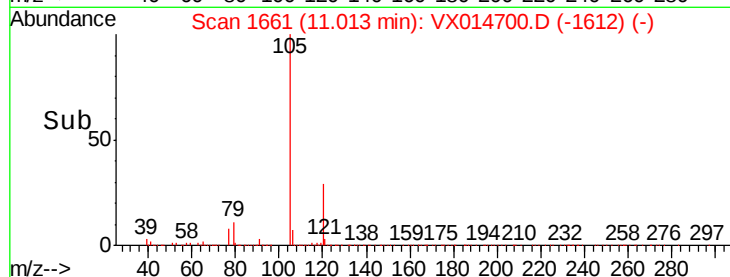
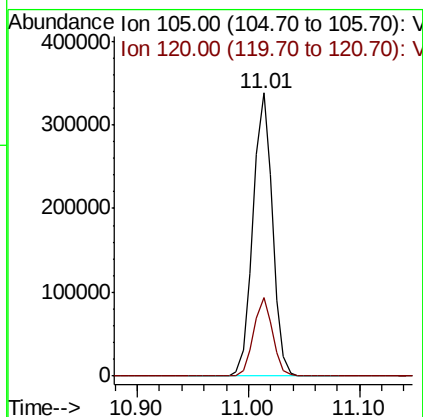
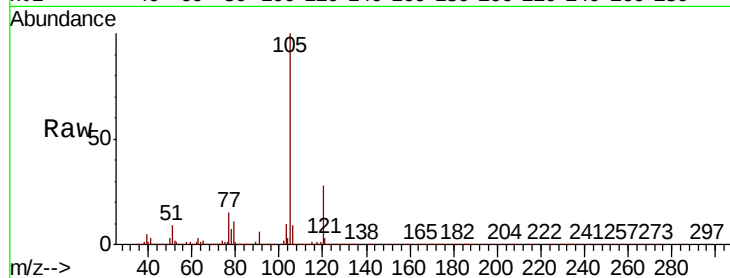
VX0124WBSD02

Tot Ion:105 Resp: 412714

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 19.699 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion: 43 Resp: 177094

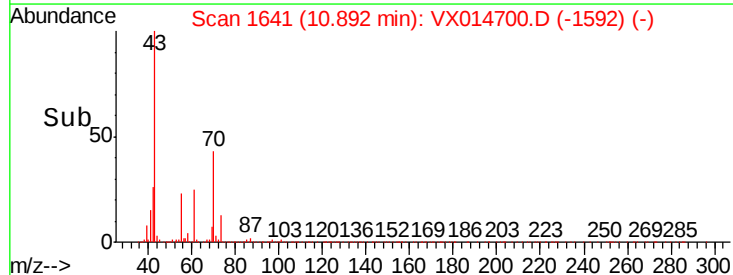
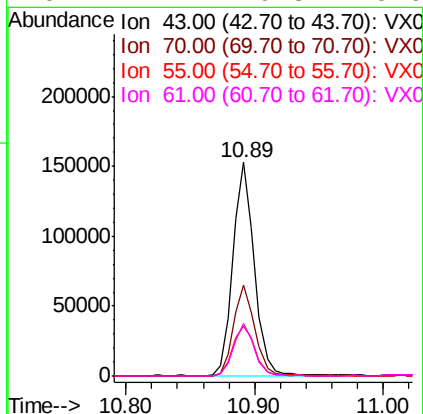
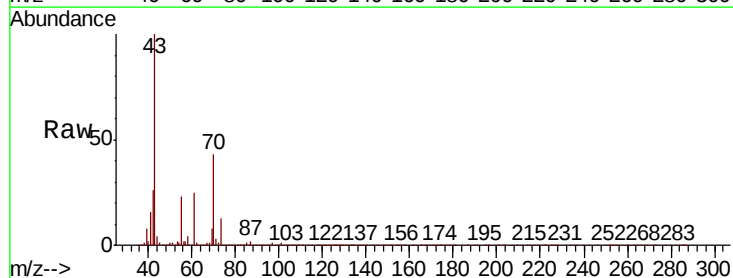
Ion Ratio Lower Upper

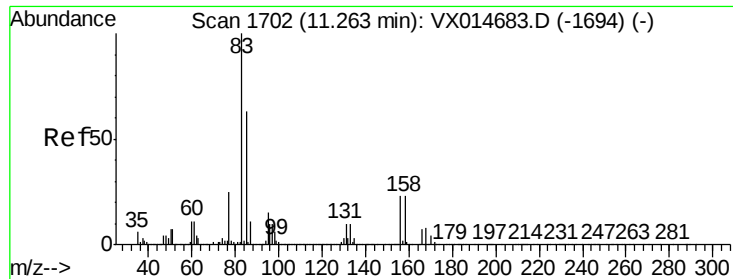
43 100

70 42.7 34.6 52.0

55 24.8 19.4 29.2

61 24.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.504 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

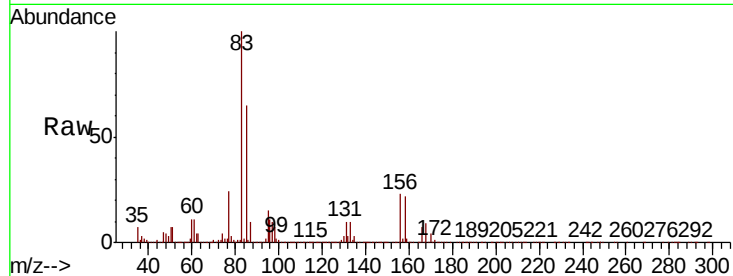
Tot Ion: 83 Resp: 135535

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

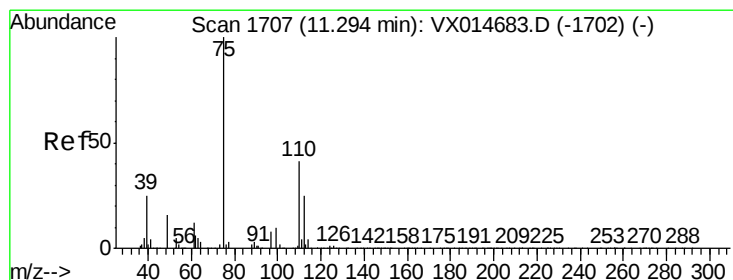
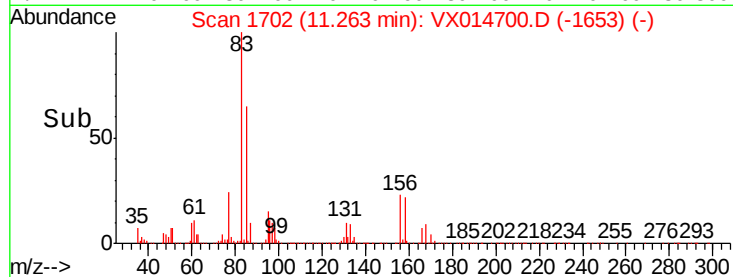
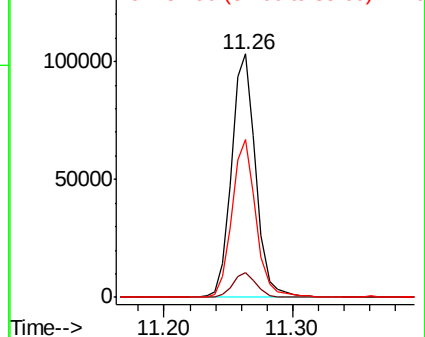
85 64.0 31.7 95.1



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: 22.705 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014700.D

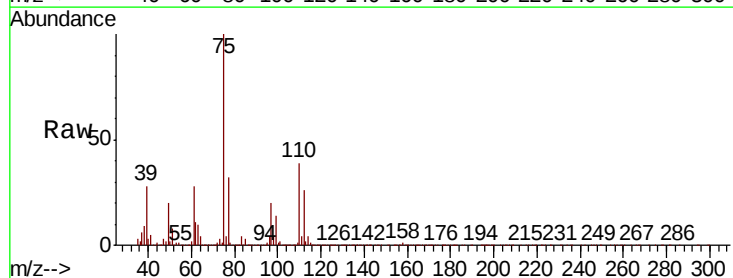
Acq: 24 Jan 2020 16:33

Tgt Ion: 75 Resp: 154125

Ion Ratio Lower Upper

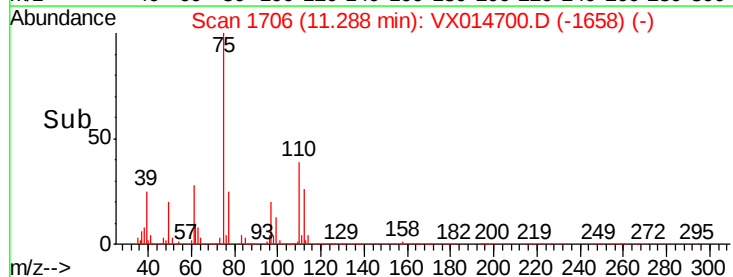
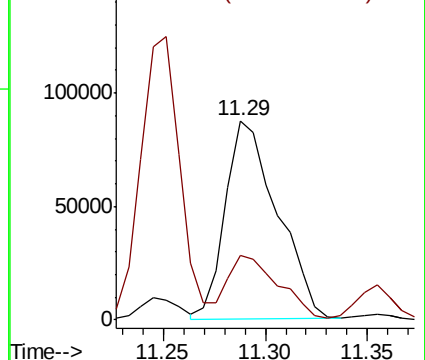
75 100

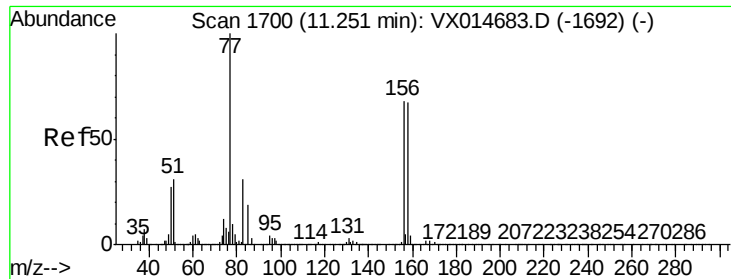
77 32.7 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.904 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

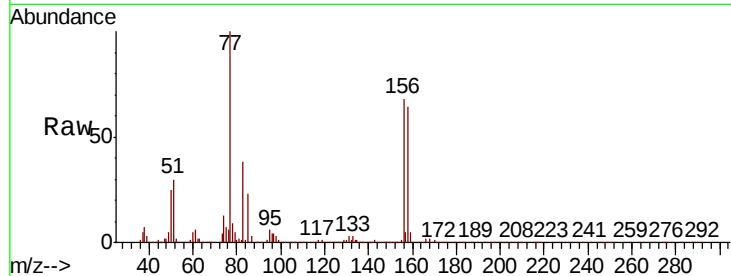
Tot Ion:156 Resp: 109695

Ion Ratio Lower Upper

156 100

77 149.7 77.5 232.5

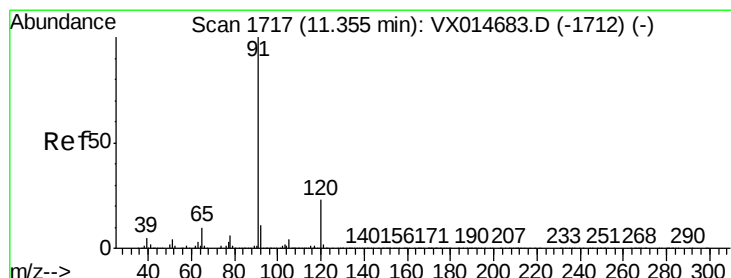
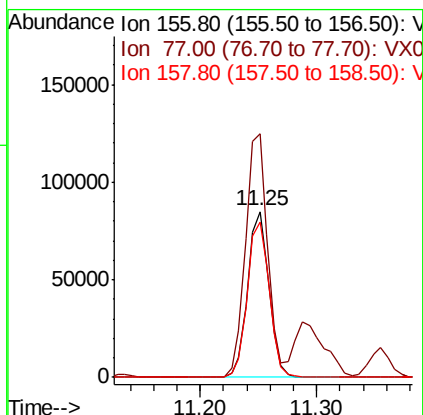
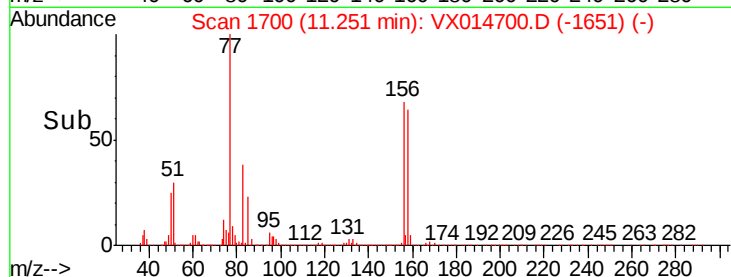
158 96.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.042 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014700.D

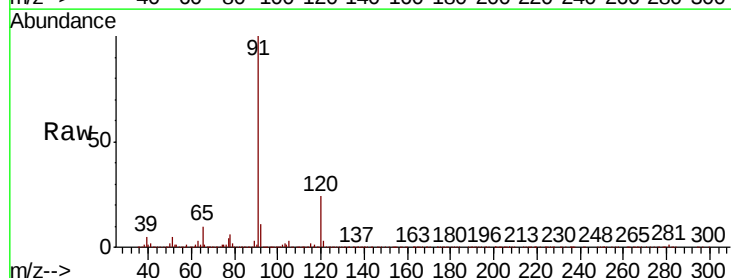
Acq: 24 Jan 2020 16:33

Tgt Ion: 91 Resp: 466705

Ion Ratio Lower Upper

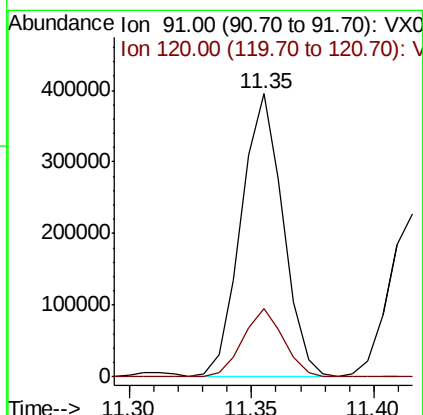
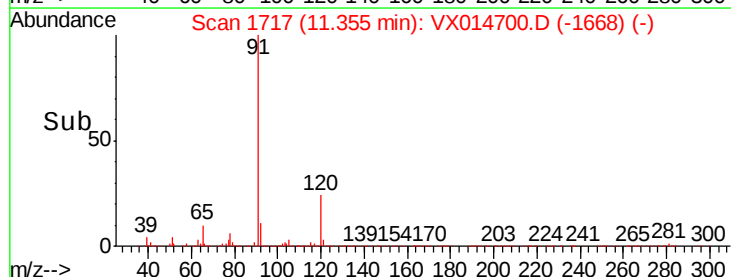
91 100

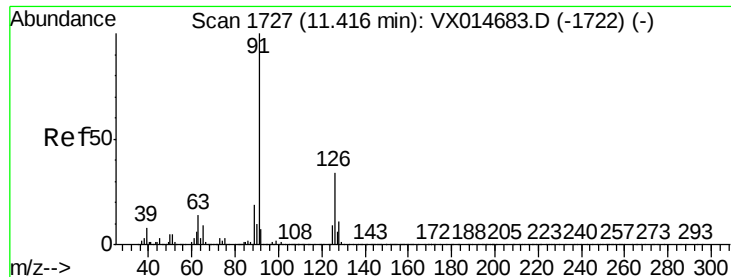
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

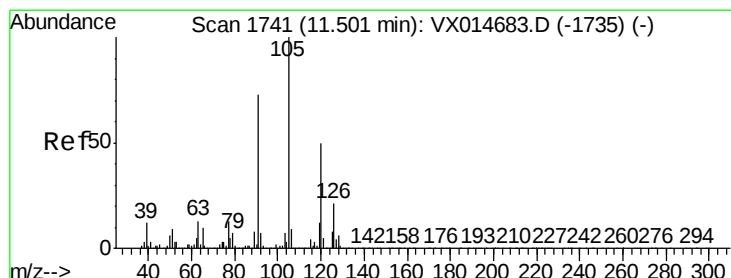
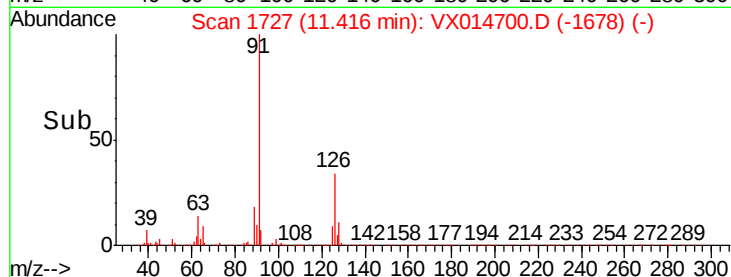
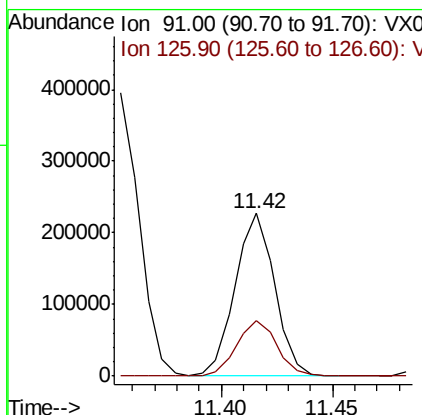
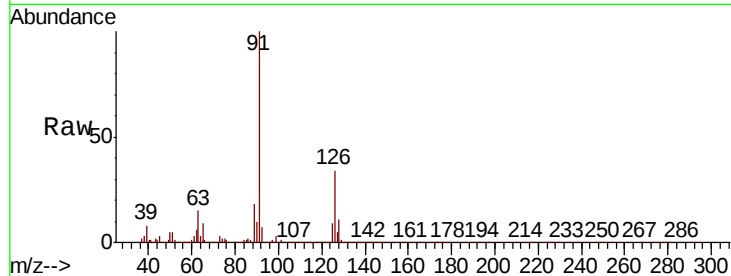




#79
 2-Chlorotoluene
 Concen: 19.855 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

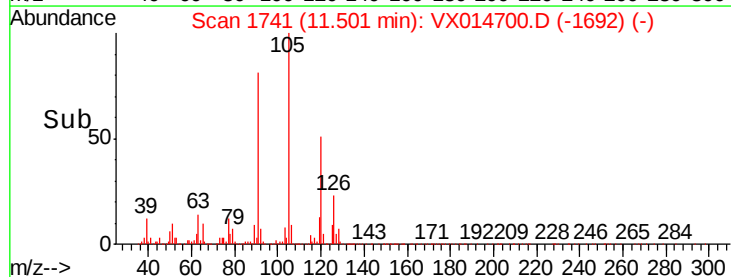
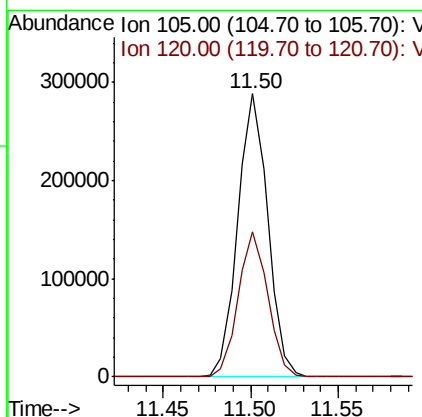
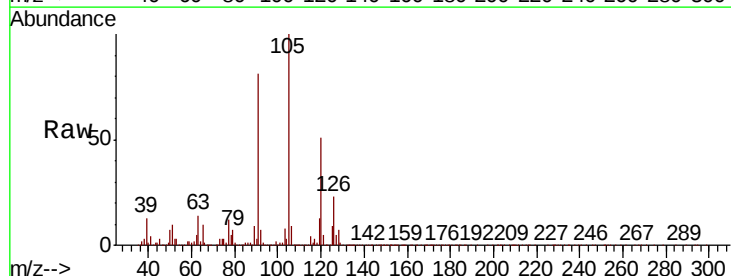
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

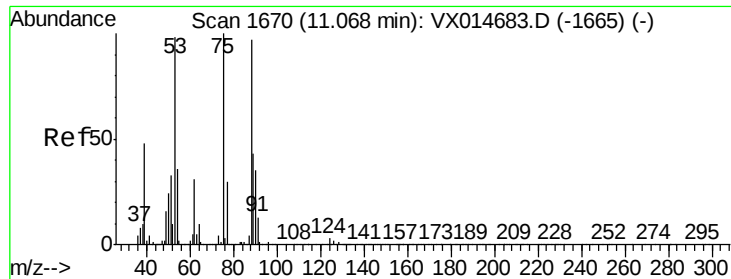
Tot Ion: 91 Resp: 279754
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.133 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion: 105 Resp: 342796
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.755 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

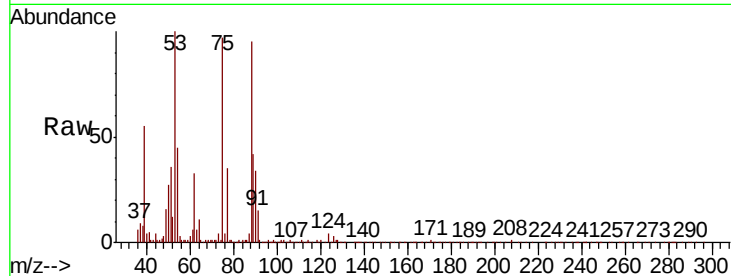
Tot Ion: 75 Resp: 42352

Ion Ratio Lower Upper

75 100

53 103.1 78.8 118.2

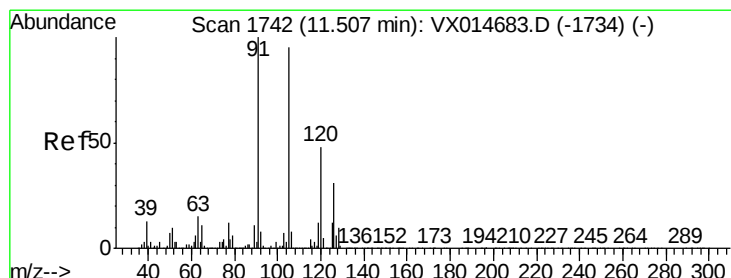
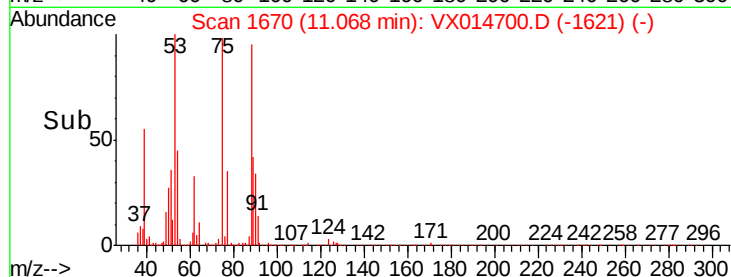
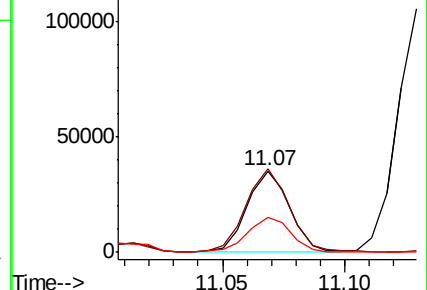
89 44.8 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.138 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014700.D

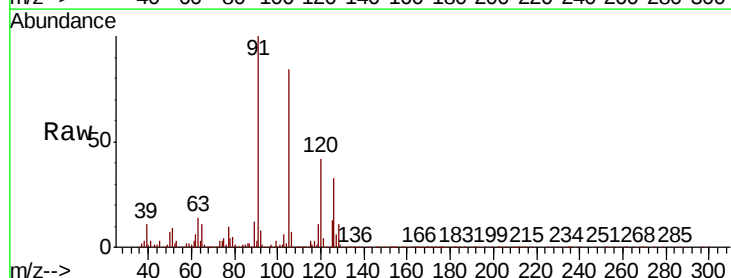
Acq: 24 Jan 2020 16:33

Tgt Ion: 91 Resp: 323019

Ion Ratio Lower Upper

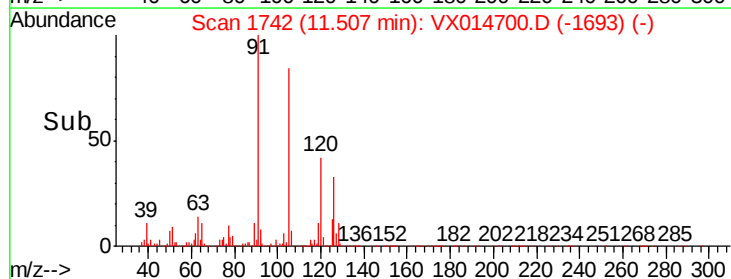
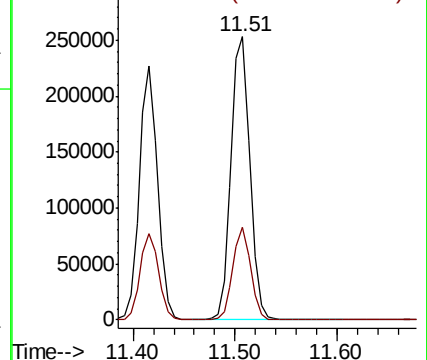
91 100

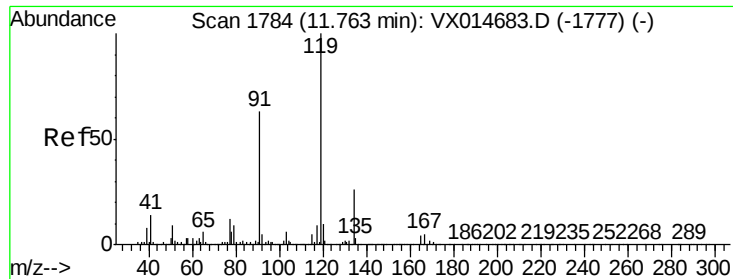
126 30.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.797 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

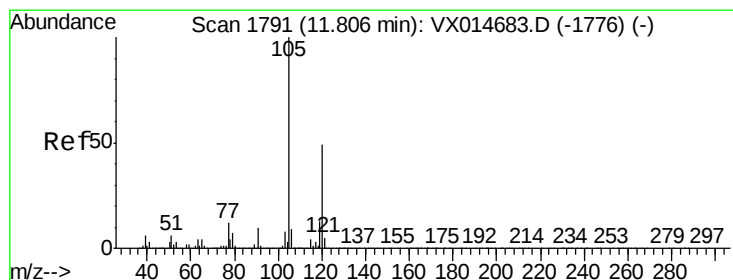
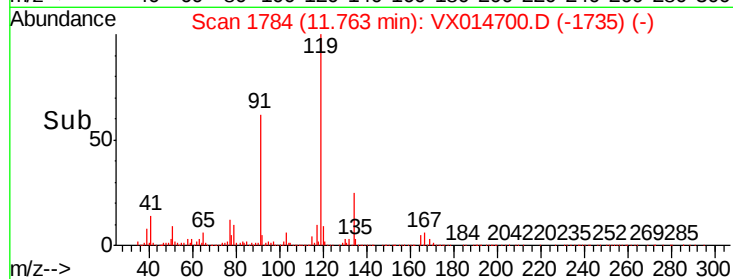
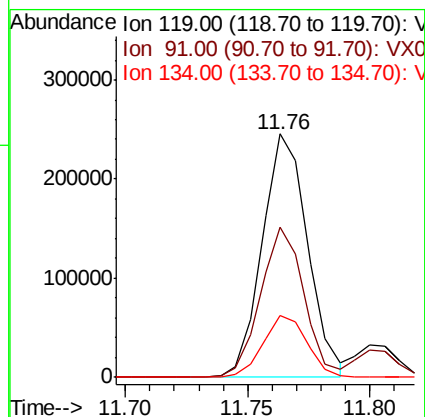
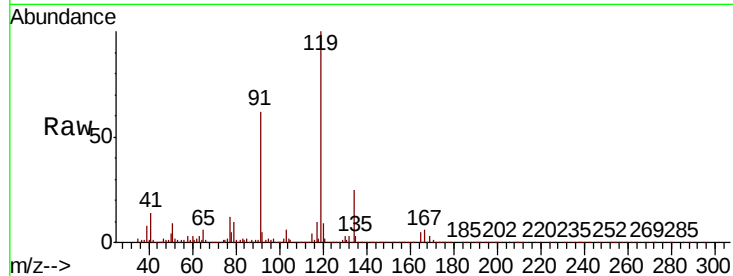
Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion:119 Resp: 316740

Ion	Ratio	Lower	Upper
119	100		
91	59.0	30.0	90.0
134	24.9	12.7	38.0



#84

1,2,4-Trimethylbenzene

Concen: 20.203 ug/l

RT: 11.80 min Scan# 1790

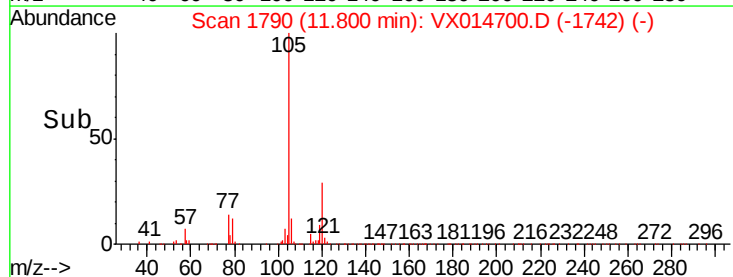
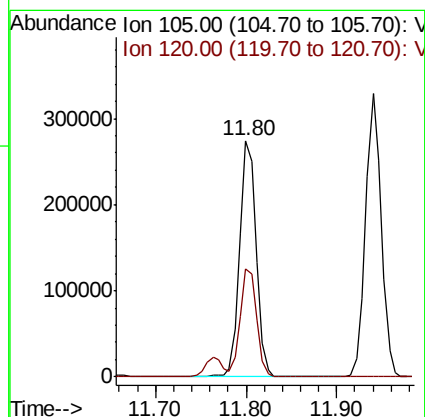
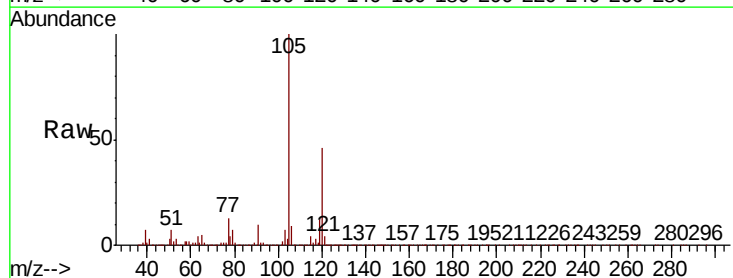
Delta R.T. -0.01 min

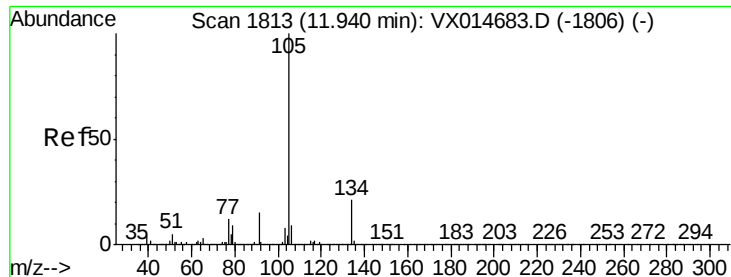
Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Tgt Ion:105 Resp: 345041

Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.4	70.0

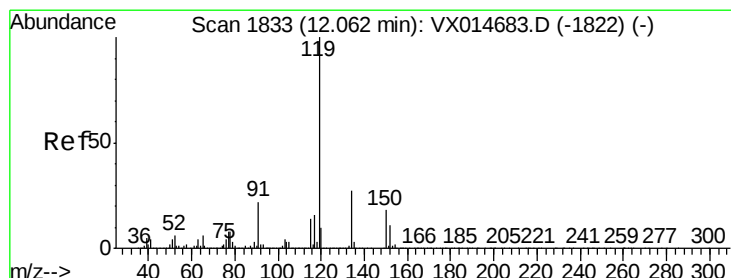
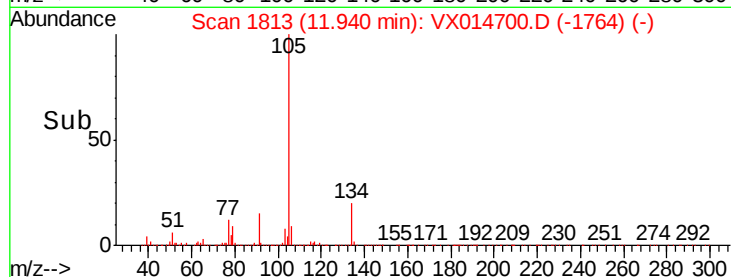
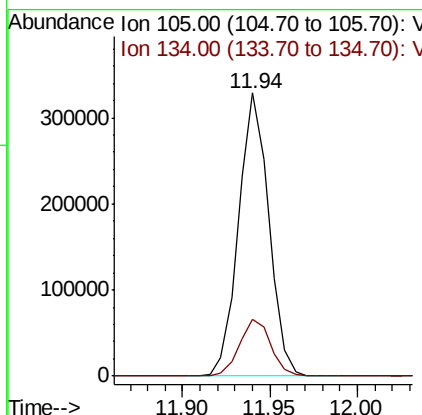
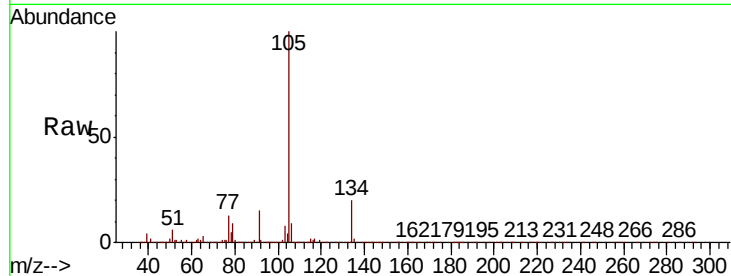




#85
 sec-Butylbenzene
 Concen: 20.043 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

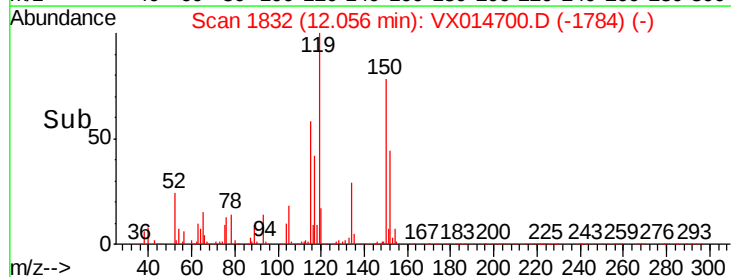
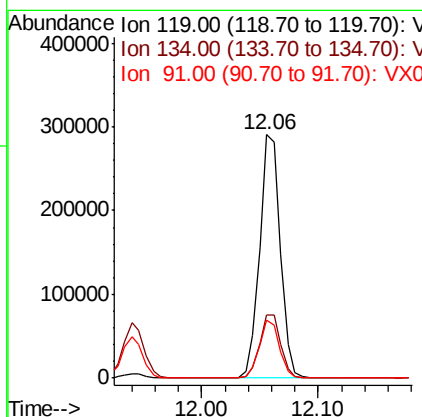
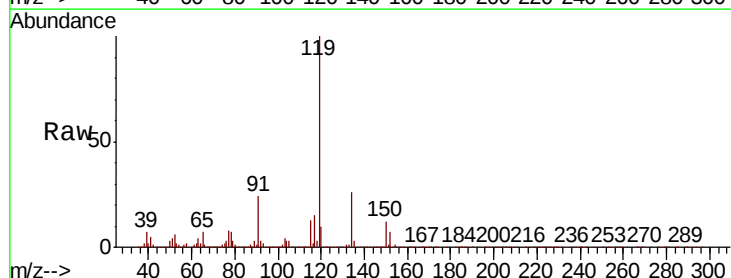
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

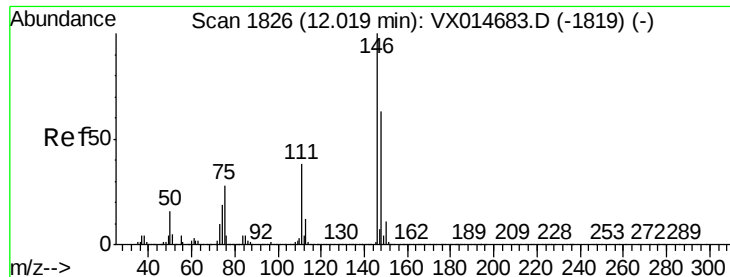
Tot Ion:105 Resp: 392841
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.903 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion:119 Resp: 360520
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 23.0 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.208 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

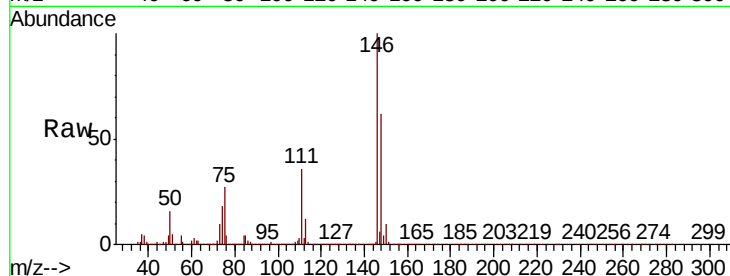
Tot Ion:146 Resp: 190254

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

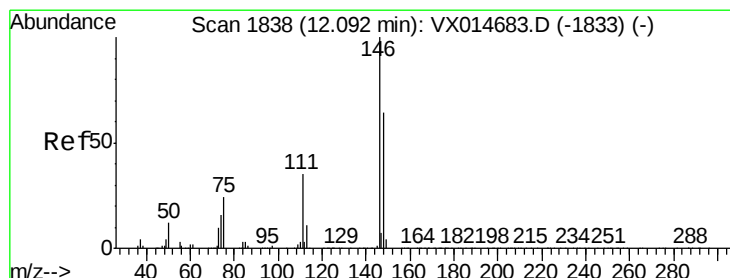
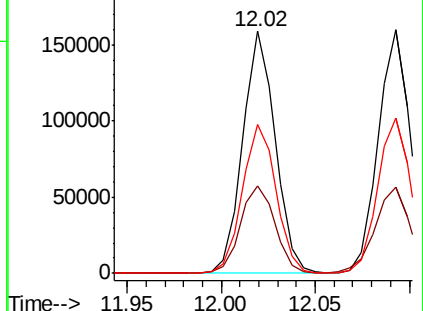
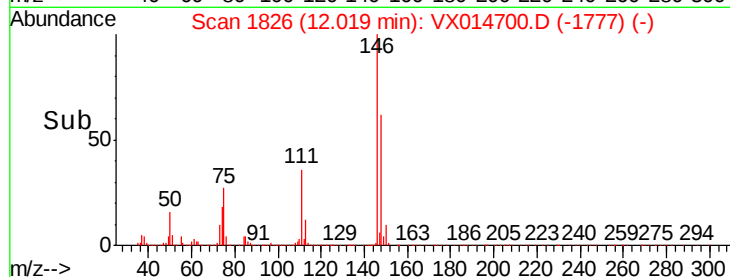
148 63.6 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 19.398 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

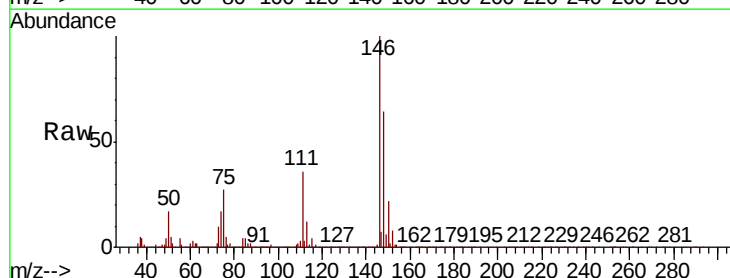
Tgt Ion:146 Resp: 192453

Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

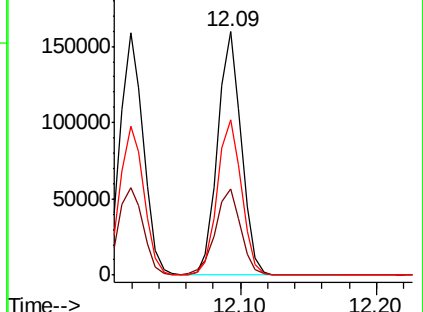
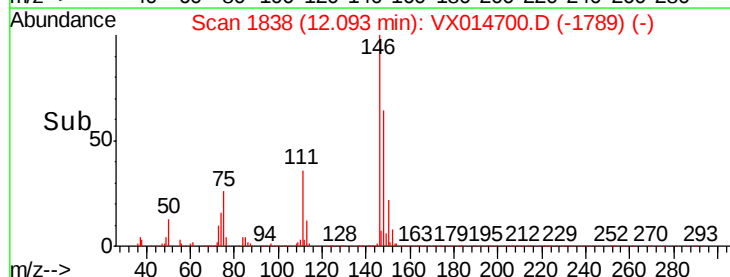
148 65.2 32.0 96.2



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: 19.561 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

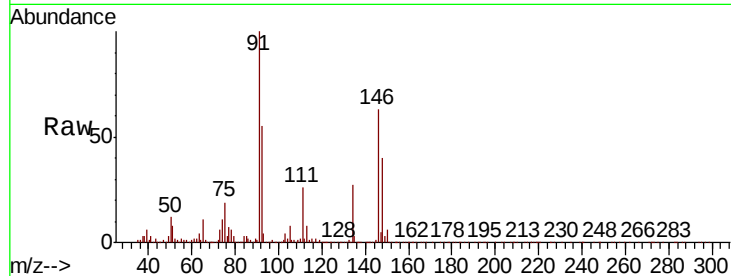
Tot Ion: 91 Resp: 308595

Ion Ratio Lower Upper

91 100

92 54.4 27.6 82.7

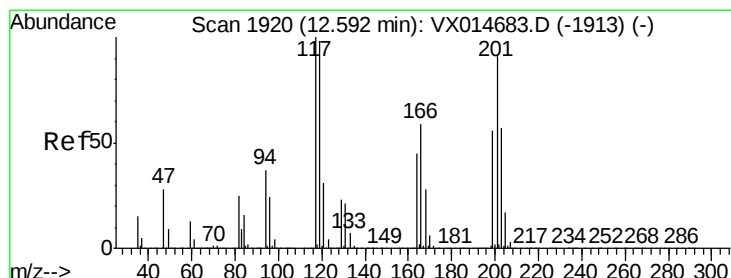
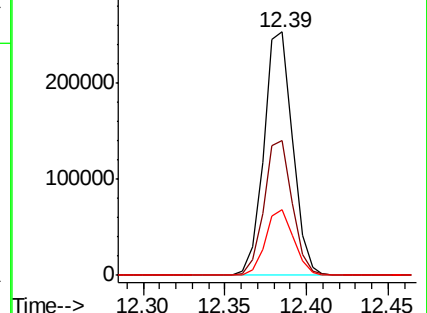
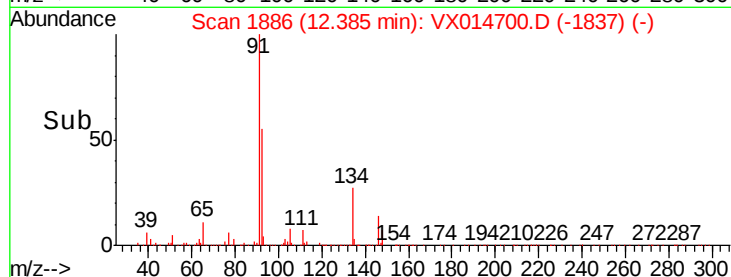
134 26.6 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX014683.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX014683.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX014683.D (-1879) (-)



#90

Hexachloroethane

Concen: 18.399 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX014700.D

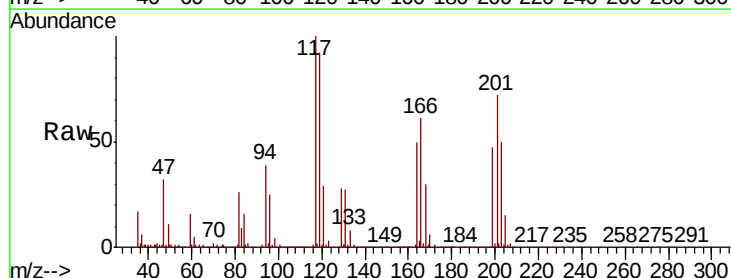
Acq: 24 Jan 2020 16:33

Tgt Ion: 117 Resp: 61904

Ion Ratio Lower Upper

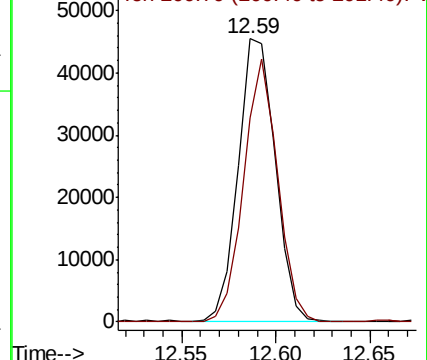
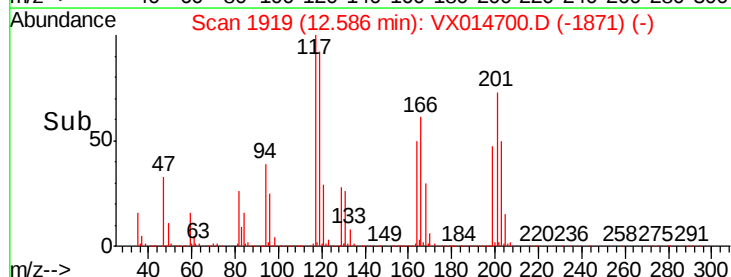
117 100

201 85.4 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): VX014683.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX014683.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 19.283 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBSD02

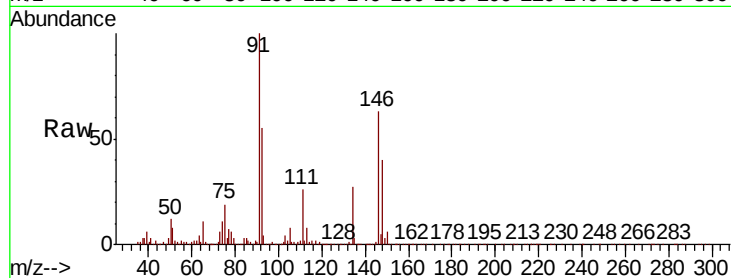
Tot Ion:146 Resp: 189691

Ion Ratio Lower Upper

146 100

111 40.2 19.6 58.8

148 64.7 31.9 95.9

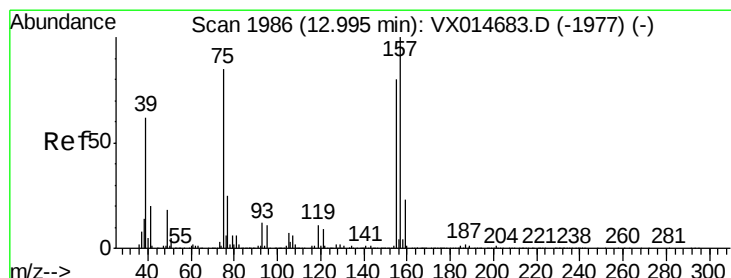
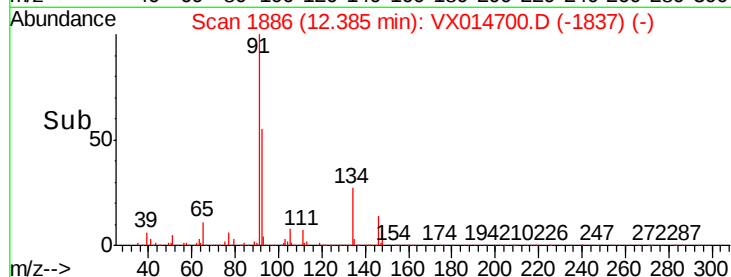
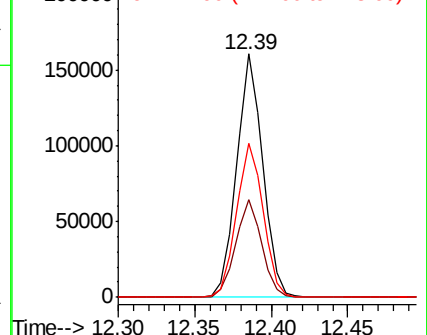


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.013 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014700.D

Acq: 24 Jan 2020 16:33

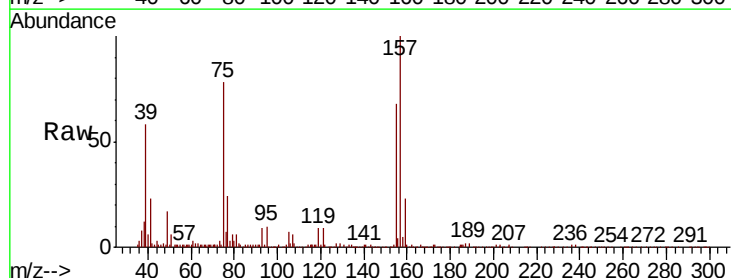
Tgt Ion: 75 Resp: 28348

Ion Ratio Lower Upper

75 100

155 89.8 45.6 136.9

157 122.4 60.3 180.9

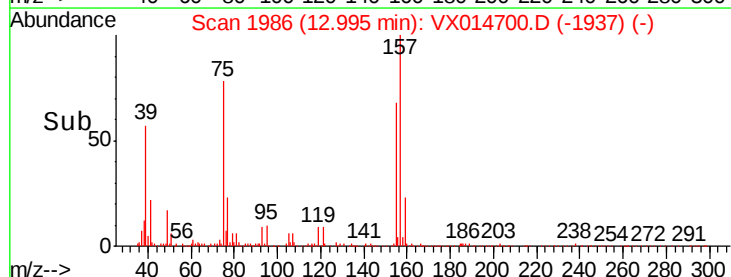
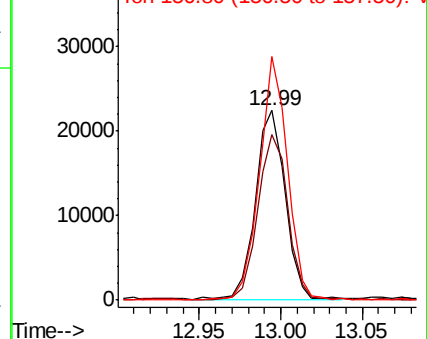


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

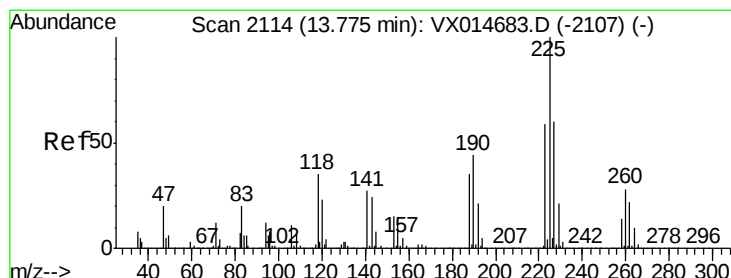
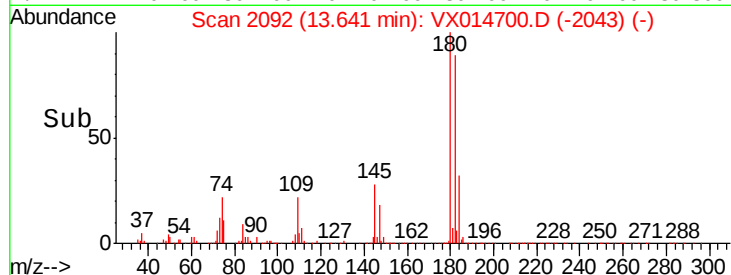
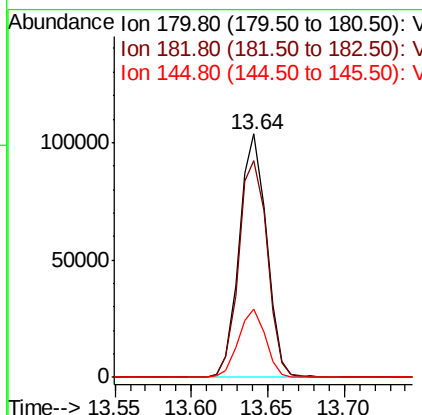
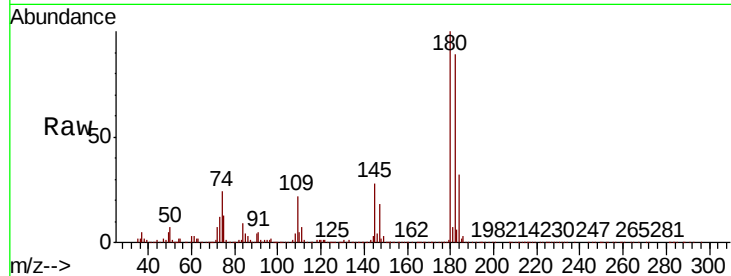




#93
 1,2,4-Trichlorobenzene
 Concen: 20.252 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

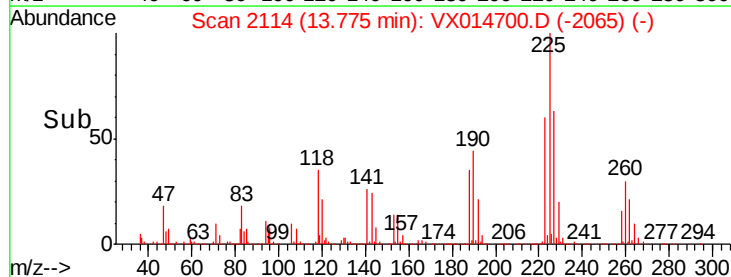
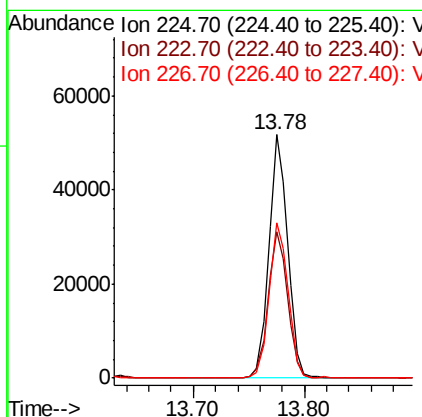
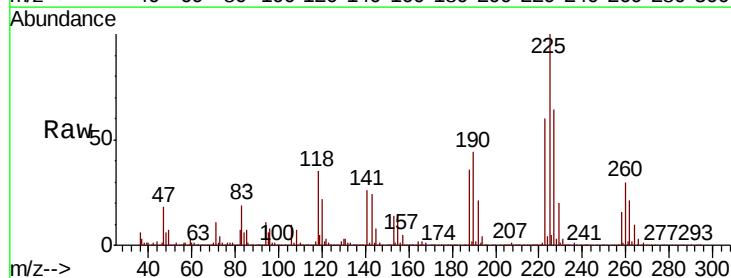
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBSD02

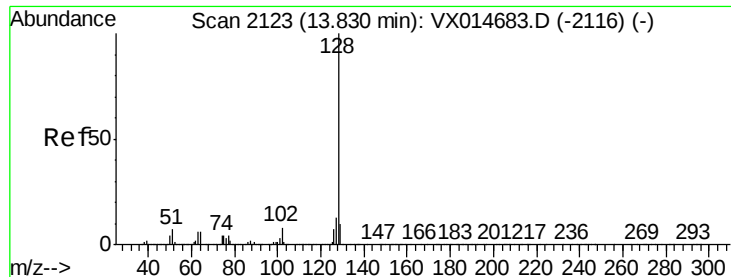
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.5	145.6
145	27.9	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 18.800 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014700.D
 Acq: 24 Jan 2020 16:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.6	91.8
227	64.2	31.4	94.0

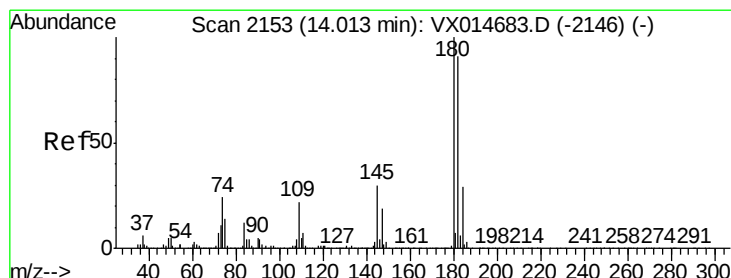
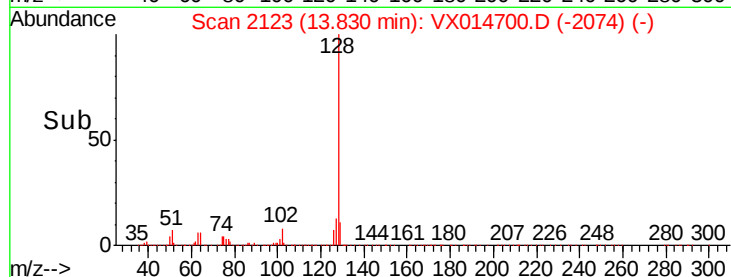
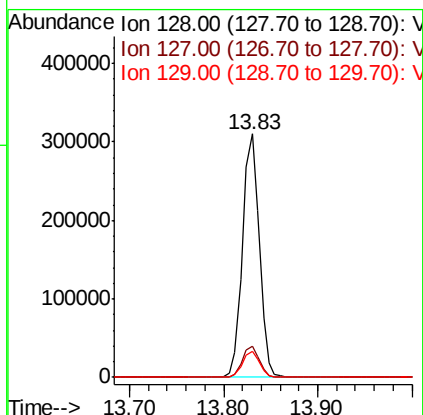
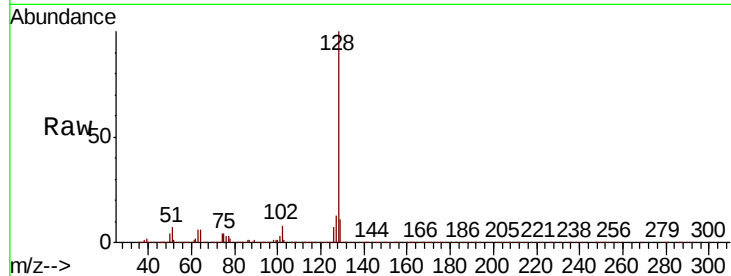




#95
Naphthalene
Concen: 19.519 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBSD02

Tot Ion:128 Resp: 387368
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.307 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014700.D
Acq: 24 Jan 2020 16:33

Tgt Ion:180 Resp: 130229
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.7
145 30.5 14.7 44.1

