

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
 Data File : VX018942.D
 Acq On : 15 Oct 2020 19:07
 Operator : JC/SP
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Quant Time: Oct 16 01:43:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 15 15:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49395	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	270985	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	241048	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	94992	30.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.50%
60) 4-Bromofluorobenzene	11.12	95	107757	28.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.70%
63) Toluene-d8	8.70	98	314013	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	41734	17.821	ug/l 100
3) Chloromethane	1.32	50	46431	17.529	ug/l 99
4) Vinyl Chloride	1.39	62	59805	18.399	ug/l 98
5) Bromomethane	1.63	94	49961	25.955	ug/l 98
6) Chloroethane	1.72	64	41092	18.329	ug/l 96
7) Trichlorofluoromethane	1.92	101	96523	18.863	ug/l 98
8) Diethyl Ether	2.17	74	37947	18.839	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47178	16.582	ug/l 99
10) 1,1-Dichloroethene	2.36	96	51942	17.565	ug/l 99
11) Methyl Iodide	2.49	142	52280	14.890	ug/l 98
12) Methyl Acetate	2.75	43	54460	18.781	ug/l 96
13) Acrolein	2.28	56	50023	90.214	ug/l 97
14) Acrylonitrile	3.12	53	127125	94.231	ug/l 98
15) Acetone	2.42	58	39052	86.001	ug/l 99
16) Carbon Disulfide	2.55	76	130570	18.004	ug/l 100
17) Allyl chloride	2.71	41	69030	17.990	ug/l 94
18) Methylene Chloride	2.84	84	54729	18.366	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	54458	18.285	ug/l 98
20) Diisopropyl ether	3.83	45	131403	18.455	ug/l # 84
21) 1,1-Dichloroethane	3.67	63	90717	18.640	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	62590	18.562	ug/l 97
23) tert-Butyl Alcohol	3.01	59	72986	97.173	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	152609	18.689	ug/l 99
25) Chloroform	5.18	83	96971	18.771	ug/l 97
26) Cyclohexane	5.55	56	70798	18.070	ug/l # 97
29) 1,1-Dichloropropene	5.77	75	73365	18.673	ug/l 99
30) 2-Butanone	4.64	43	189791	96.937	ug/l 100
31) 2,2-Dichloropropane	4.55	77	82803	17.891	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	90056	18.886	ug/l 98
33) Carbon Tetrachloride	5.76	117	80492	18.418	ug/l 94
34) Benzene	6.11	78	218383	18.756	ug/l 96
35) Methacrylonitrile	5.00	41	38646	19.074	ug/l 98
36) 1,2-Dichloroethane	6.17	62	73765	19.272	ug/l 98
37) Trichloroethene	7.19	130	62205	18.204	ug/l 99
38) Methylcyclohexane	7.44	83	80304	17.928	ug/l 99
39) 1,2-Dichloropropane	7.49	63	52809	18.544	ug/l 96
40) Dibromomethane	7.63	93	38396	18.355	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	77820	18.276	ug/l	98
42) Vinyl Acetate	3.79	43	655695	93.500	ug/l	100
43) Ethyl Acetate	4.79	43	73846	18.224	ug/l	99
44) Isopropyl Acetate	6.42	43	123035	18.909	ug/l	# 100
45) 1,4-Dioxane	7.71	88	26512	381.773	ug/l	99
46) Methyl methacrylate	7.74	41	57363	18.962	ug/l	97
47) n-amyl Acetate	10.88	43	97003	17.848	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	87706	18.038	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	92451	17.882	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	55777	18.582	ug/l	97
51) Ethyl methacrylate	9.16	69	87015	18.419	ug/l	98
52) 1,3-Dichloropropane	9.35	76	91828	18.539	ug/l	99
53) Dibromochloromethane	9.56	129	64464	18.055	ug/l	98
54) 1,2-Dibromoethane	9.65	107	60911	18.460	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	228916	91.852	ug/l	99
56) Bromoform	10.84	173	49823	18.077	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	363949	94.618	ug/l	99
59) 2-Hexanone	9.47	43	277743	94.302	ug/l	99
61) Tetrachloroethene	9.32	164	53506	18.051	ug/l	96
62) Toluene	8.76	91	238919	18.498	ug/l	100
64) Chlorobenzene	10.12	112	148238	18.043	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	58301	18.282	ug/l	99
66) Ethyl Benzene	10.24	91	258011	18.025	ug/l	99
67) m/p-Xylenes	10.34	106	200134	35.686	ug/l	100
68) o-Xylene	10.68	106	96327	18.162	ug/l	99
69) Styrene	10.70	104	159679	17.514	ug/l	99
70) Isopropylbenzene	11.00	105	254314	18.047	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	81055	18.466	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	96320	23.487	ug/l	91
73) Bromobenzene	11.24	156	63734	17.565	ug/l	97
74) n-propylbenzene	11.34	91	280268	17.460	ug/l	99
75) 2-Chlorotoluene	11.40	91	164036	17.679	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	208591	17.676	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	30994	17.456	ug/l	97
78) 4-Chlorotoluene	11.49	91	191160	17.498	ug/l	99
79) tert-butylbenzene	11.76	119	215489	18.028	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	208601	17.740	ug/l	99
81) sec-Butylbenzene	11.93	105	241981	17.655	ug/l	100
82) p-Isopropyltoluene	12.05	119	223726	17.510	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	114927	17.804	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	113346	17.418	ug/l	99
85) n-Butylbenzene	12.37	91	188570	16.493	ug/l	99
86) Hexachloroethane	12.58	117	38442	17.735	ug/l	94
87) 1,2-Dichlorobenzene	12.37	146	110474	17.680	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19952	18.776	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	74924	16.420	ug/l	98
90) Hexachlorobutadiene	13.76	225	33704	17.682	ug/l	97
91) Naphthalene	13.82	128	269666	18.122	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	77641	17.450	ug/l	99

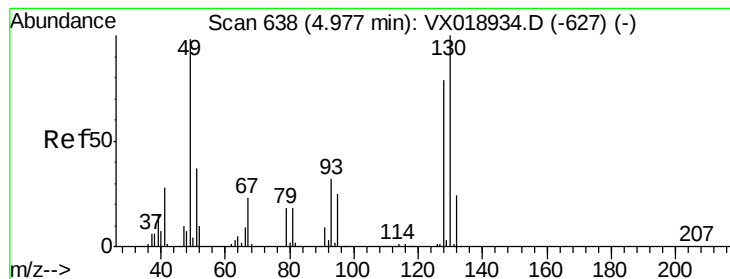
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

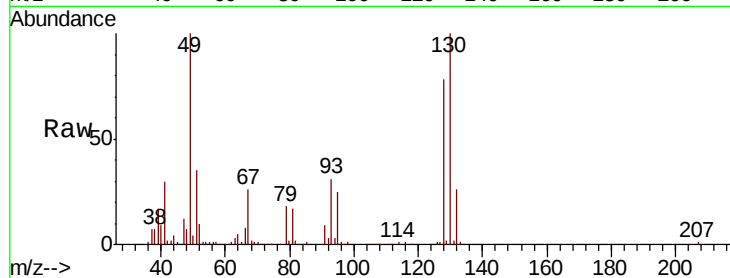
Tot Ion:128 Resp: 49395

Ion Ratio Lower Upper

128 100

49 130.4 0.0 330.5

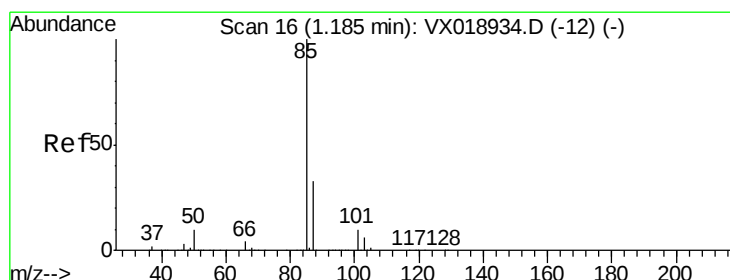
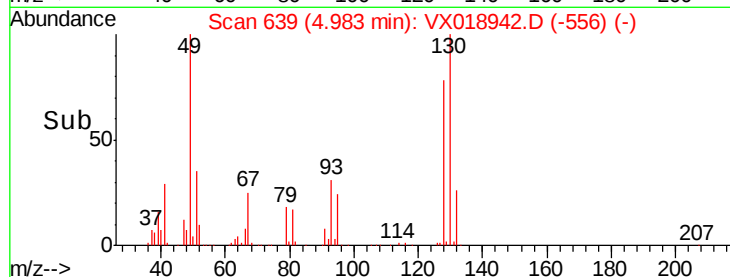
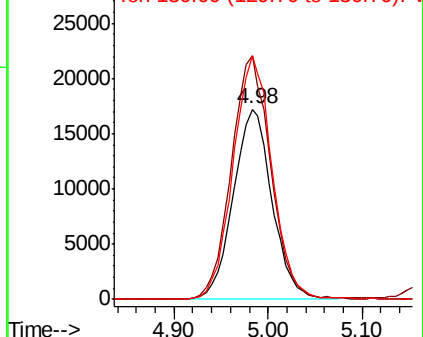
130 128.6 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.821 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018942.D

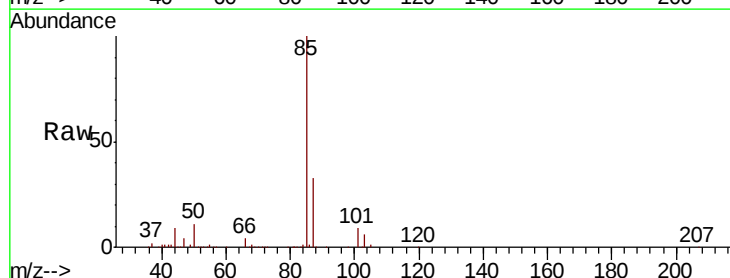
Acq: 15 Oct 2020 19:07

Tgt Ion: 85 Resp: 41734

Ion Ratio Lower Upper

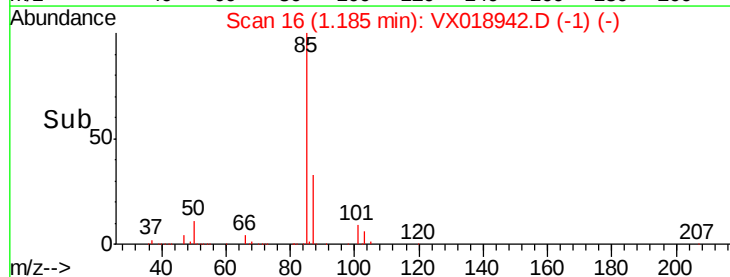
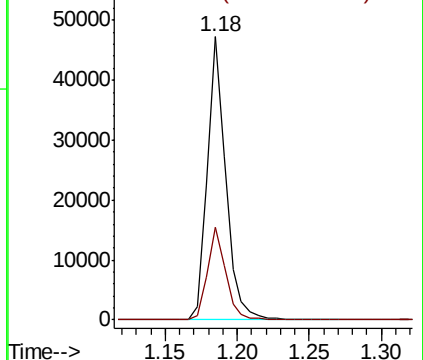
85 100

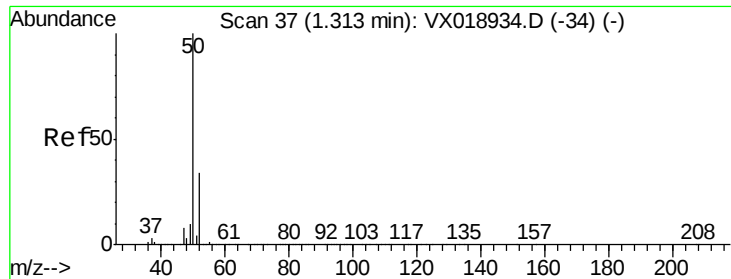
87 32.7 16.3 48.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.529 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

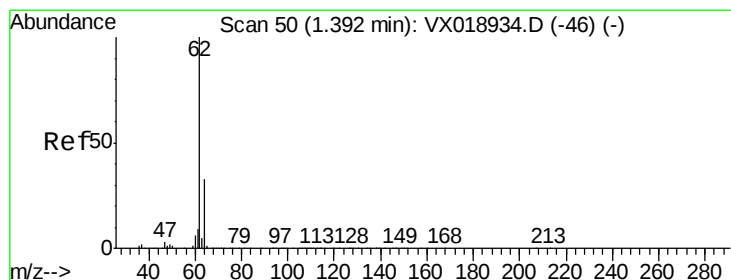
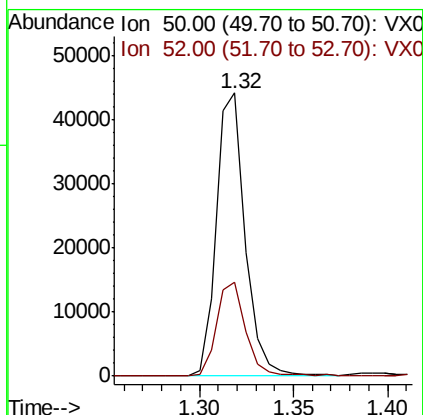
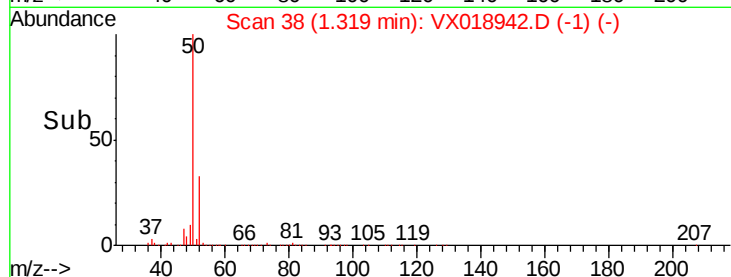
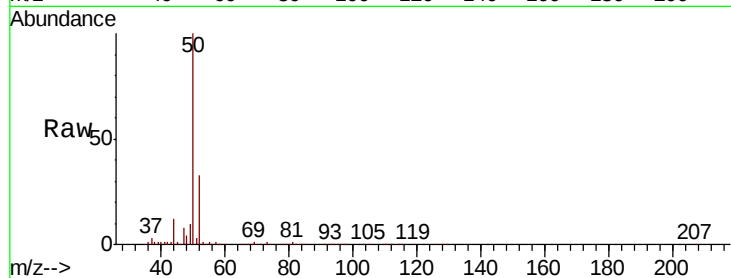
VX1015WBS01

Tot Ion: 50 Resp: 46431

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.4



#4

Vinyl Chloride

Concen: 18.399 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018942.D

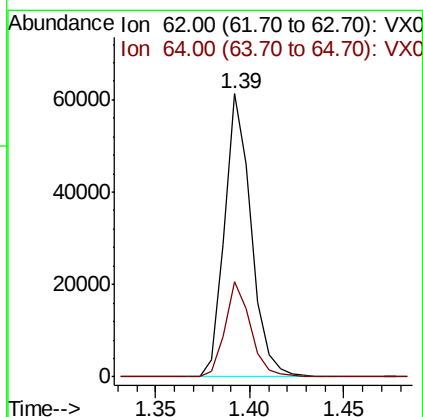
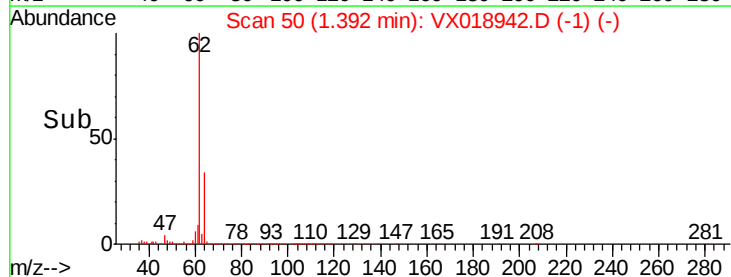
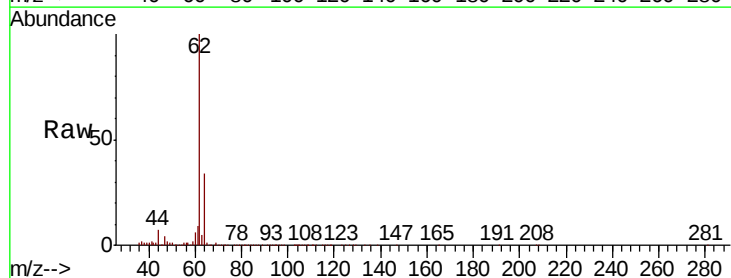
Acq: 15 Oct 2020 19:07

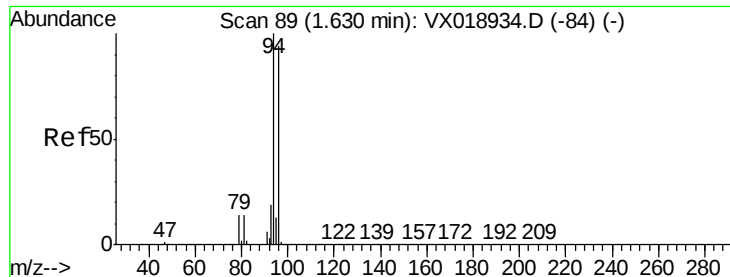
Tgt Ion: 62 Resp: 59805

Ion Ratio Lower Upper

62 100

64 33.8 26.1 39.1





#5

Bromomethane

Concen: 25.955 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

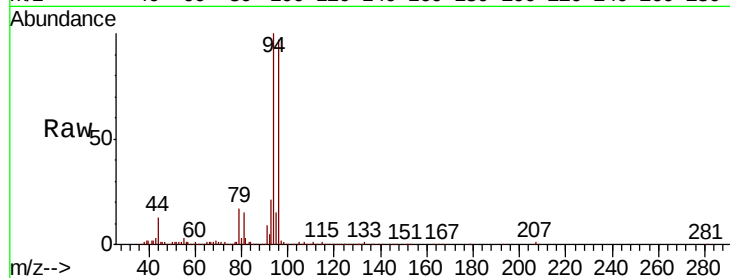
VX1015WBS01

Tot Ion: 94 Resp: 49961

Ion Ratio Lower Upper

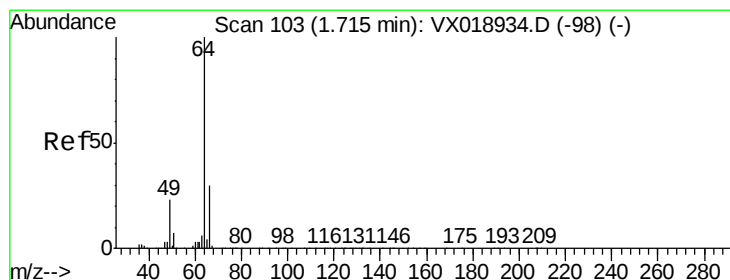
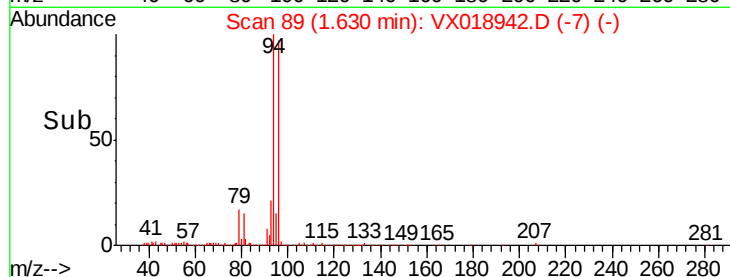
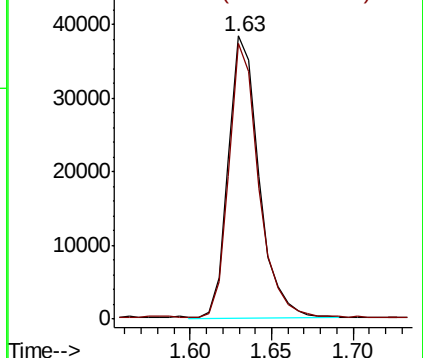
94 100

96 97.0 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.329 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018942.D

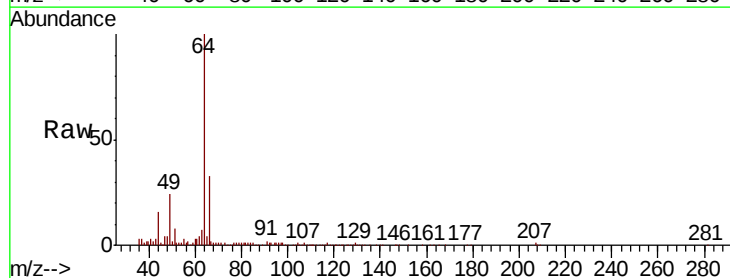
Acq: 15 Oct 2020 19:07

Tgt Ion: 64 Resp: 41092

Ion Ratio Lower Upper

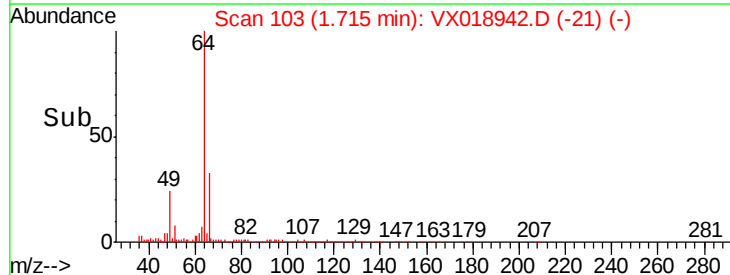
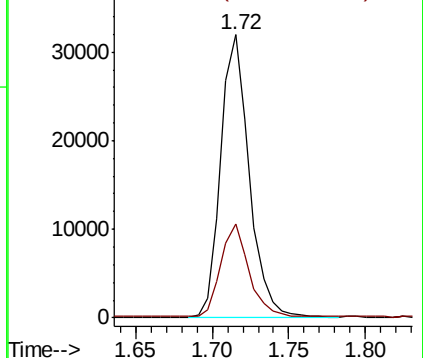
64 100

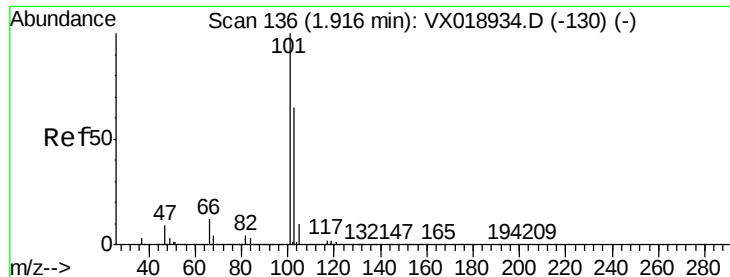
66 32.8 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



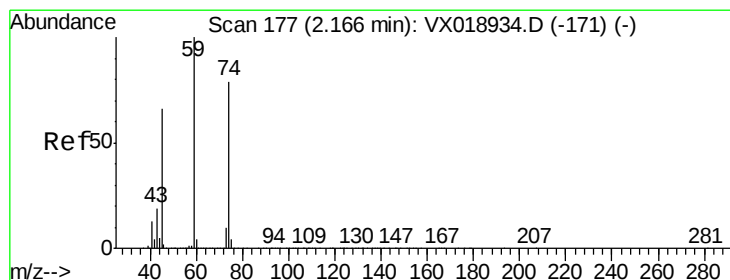
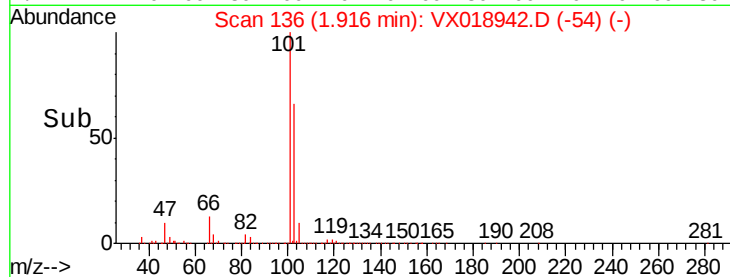
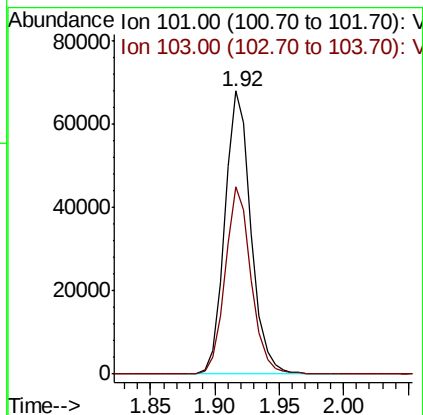
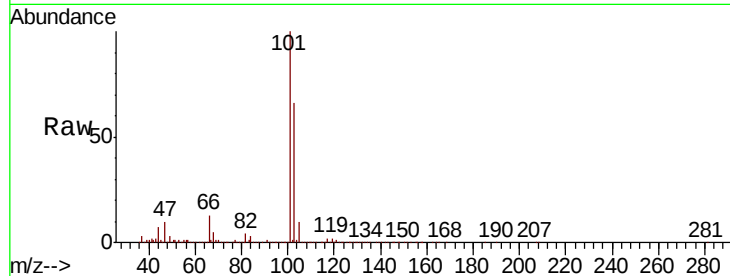


#7

Trichlorofluoromethane
Concen: 18.863 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

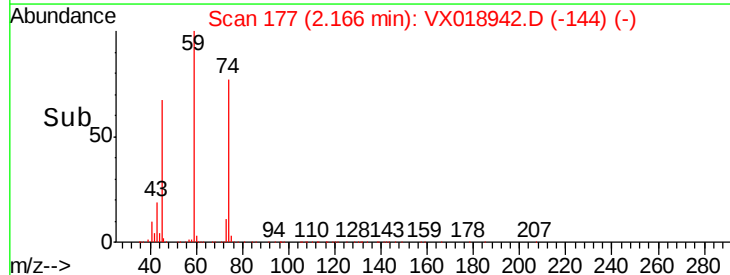
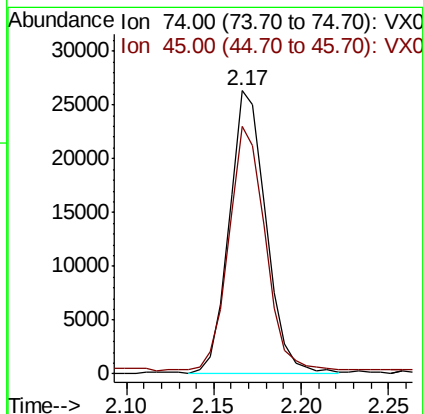
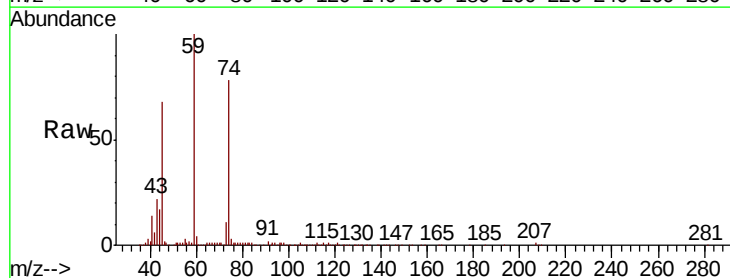
Tot Ion:101 Resp: 96523
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6

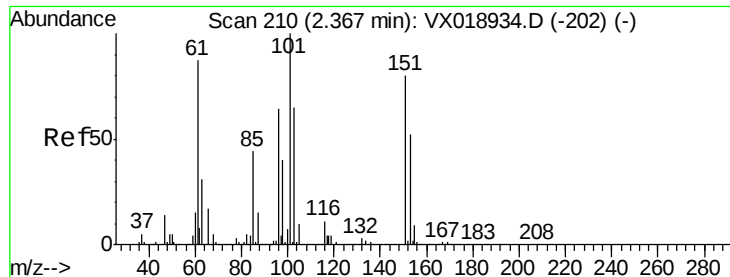


#8

Diethyl Ether
Concen: 18.839 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 74 Resp: 37947
Ion Ratio Lower Upper
74 100
45 86.4 16.6 149.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.582 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

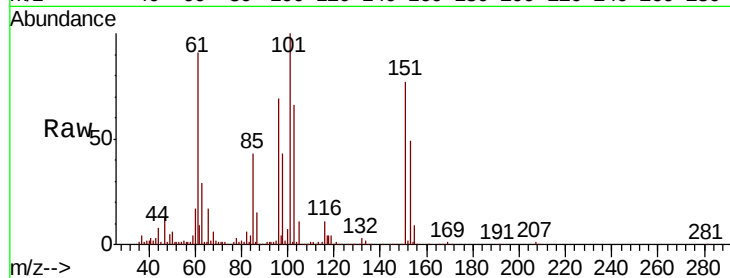
Tot Ion:101 Resp: 47178

Ion Ratio Lower Upper

101 100

85 43.3 0.0 85.4

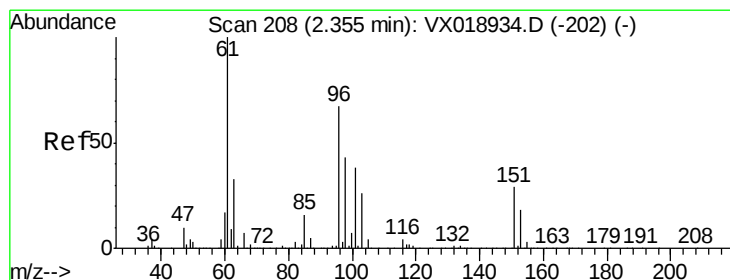
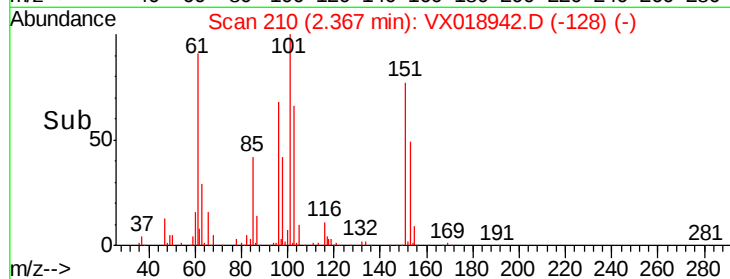
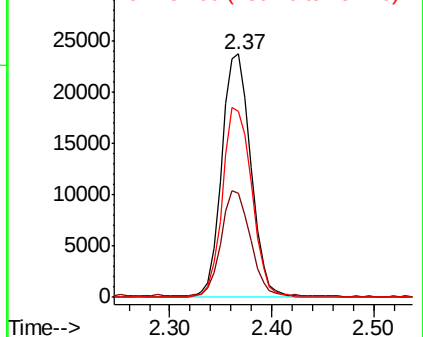
151 78.4 0.0 157.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.565 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

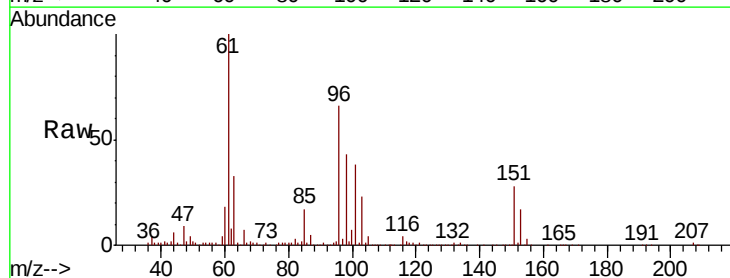
Tgt Ion: 96 Resp: 51942

Ion Ratio Lower Upper

96 100

61 150.8 120.2 180.4

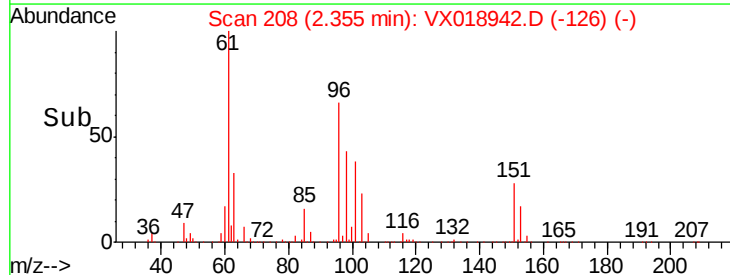
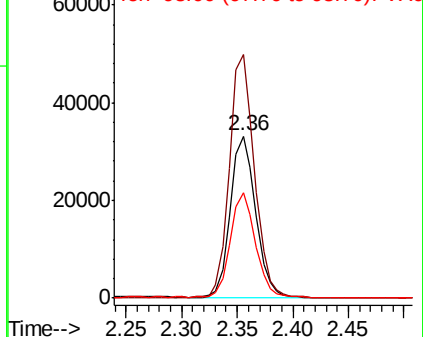
98 64.8 51.4 77.0

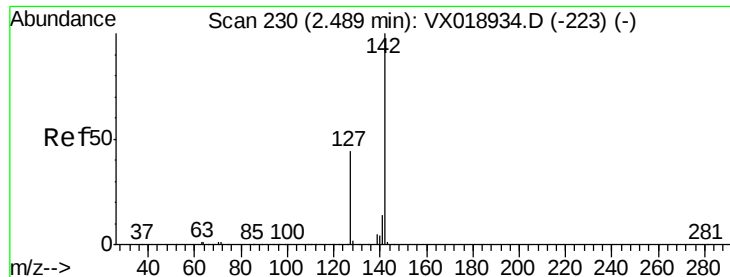


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

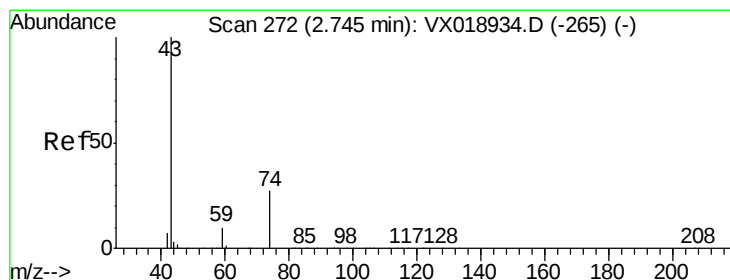
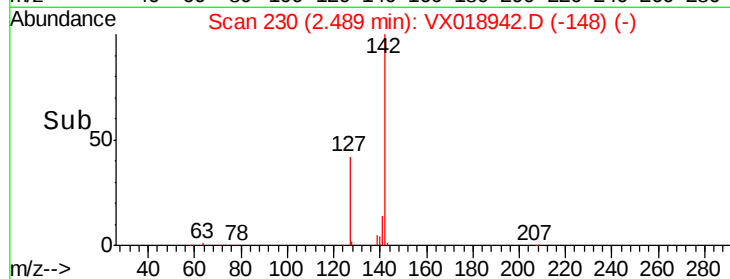
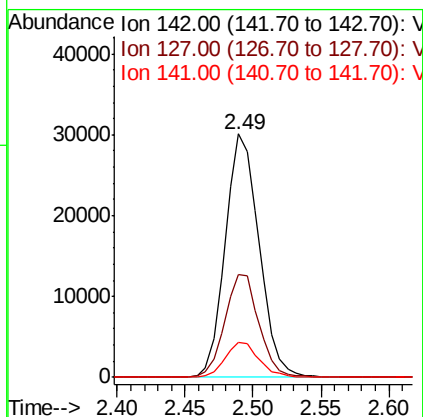
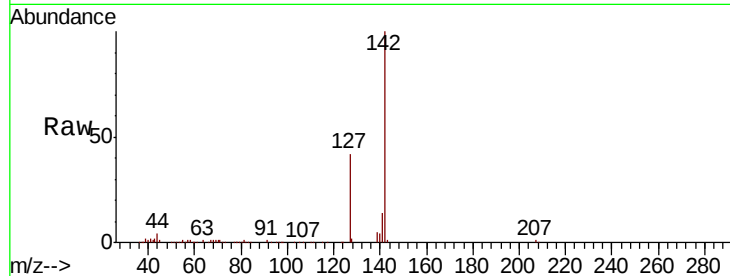




#11
Methvl Iodide
Concen: 14.890 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

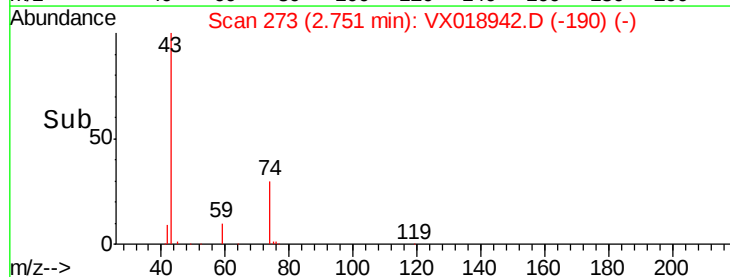
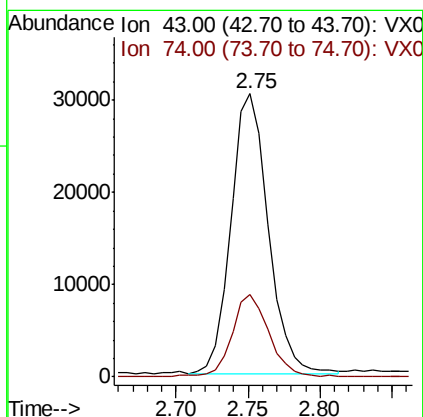
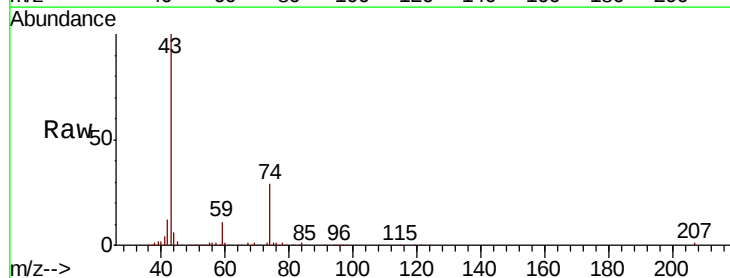
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

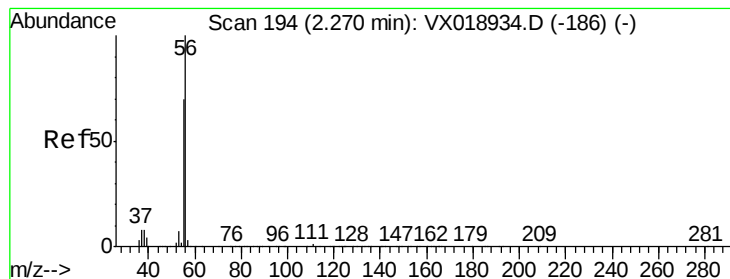
Tot Ion:142 Resp: 52280
Ion Ratio Lower Upper
142 100
127 42.4 22.1 66.1
141 14.2 7.0 21.1



#12
Methyl Acetate
Concen: 18.781 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 43 Resp: 54460
Ion Ratio Lower Upper
43 100
74 29.2 21.6 32.4





#13

Acrolein

Concen: 90.214 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

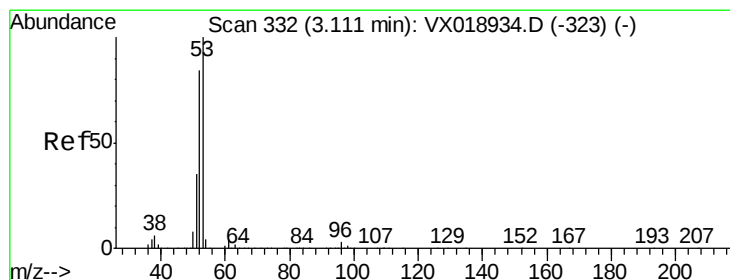
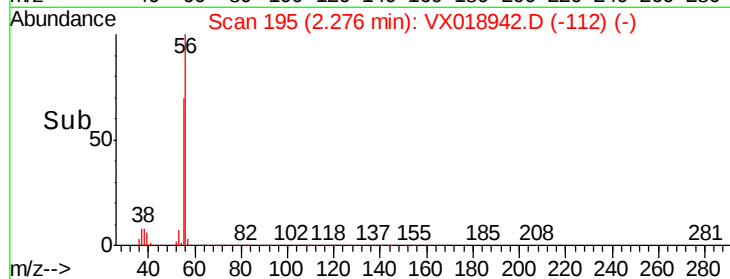
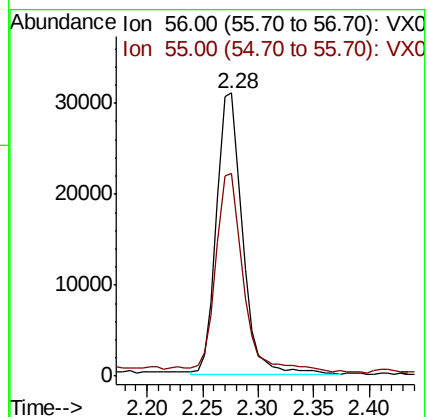
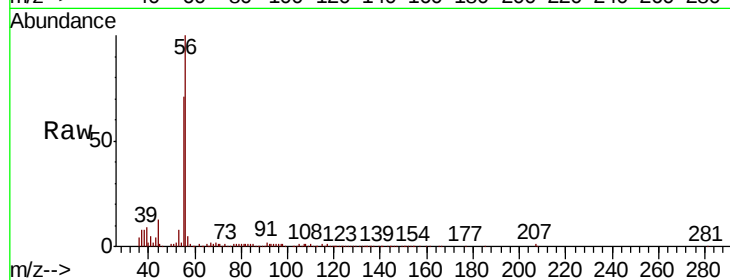
VX1015WBS01

Tot Ion: 56 Resp: 50023

Ion Ratio Lower Upper

56 100

55 69.0 57.1 85.7



#14

Acrylonitrile

Concen: 94.231 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

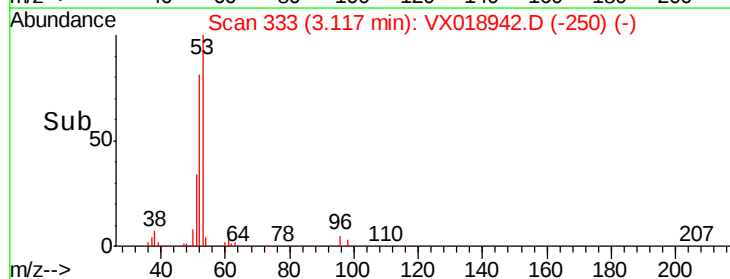
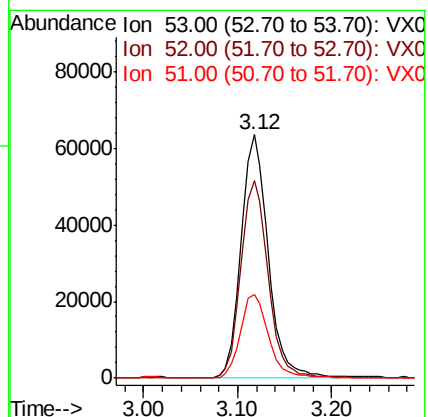
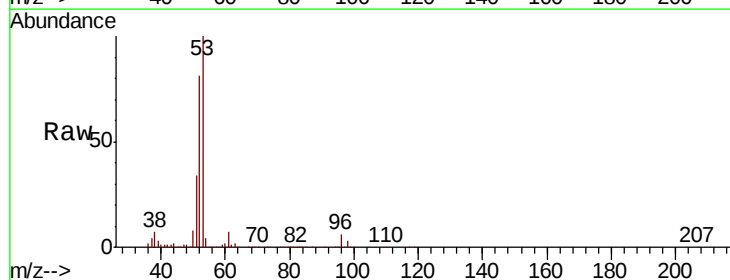
Tgt Ion: 53 Resp: 127125

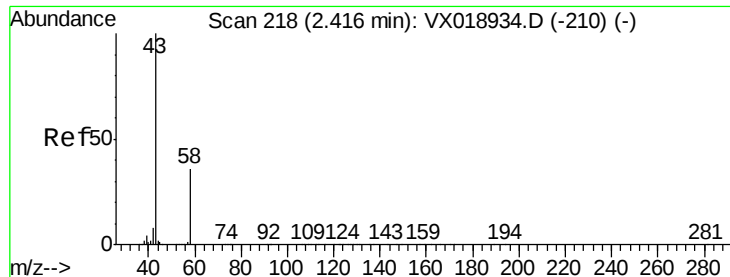
Ion Ratio Lower Upper

53 100

52 82.0 40.3 120.8

51 35.9 17.6 52.8





#15

Acetone

Concen: 86.001 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

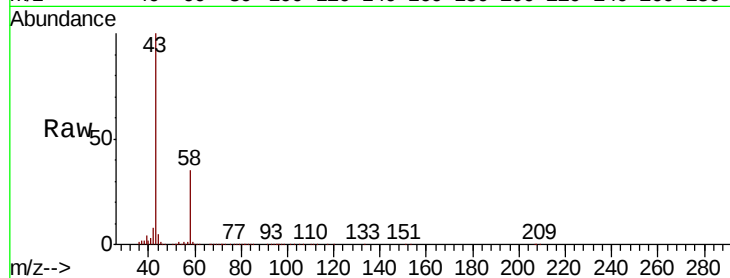
VX1015WBS01

Tot Ion: 58 Resp: 39052

Ion Ratio Lower Upper

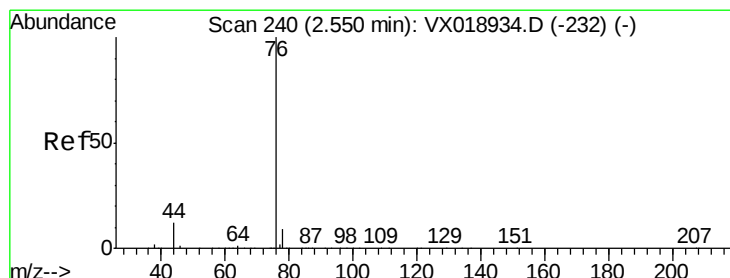
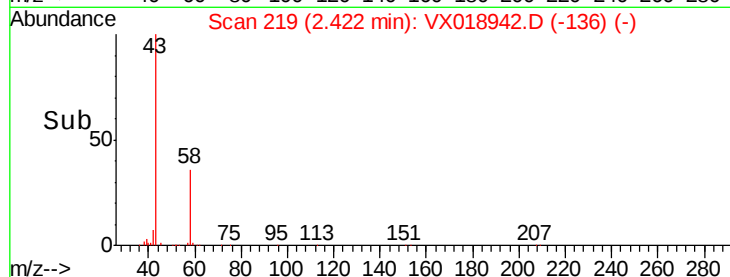
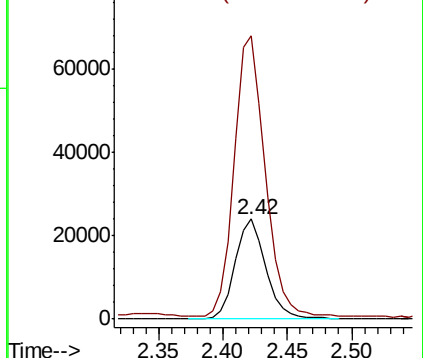
58 100

43 282.1 223.8 335.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.004 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018942.D

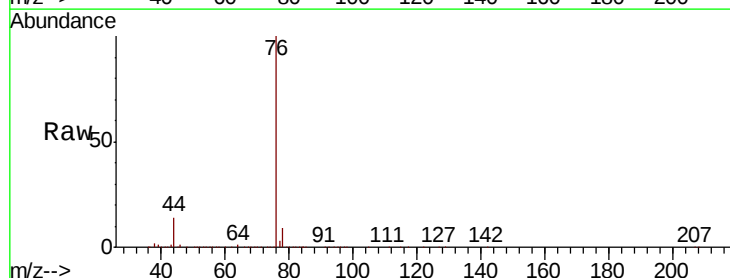
Acq: 15 Oct 2020 19:07

Tgt Ion: 76 Resp: 130570

Ion Ratio Lower Upper

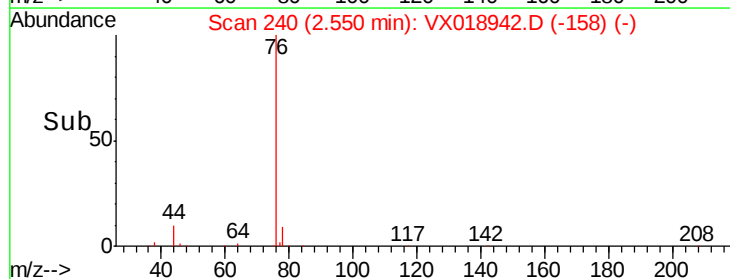
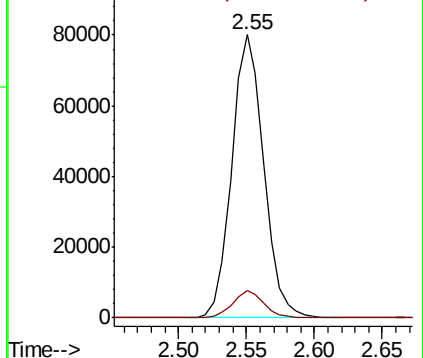
76 100

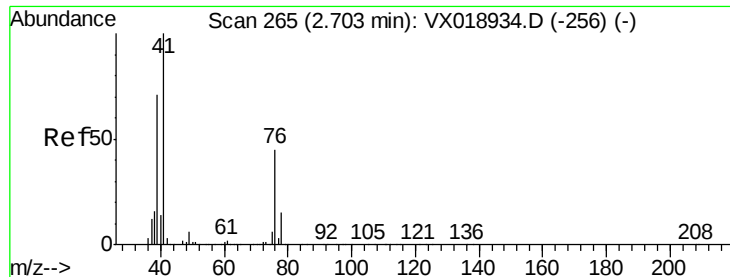
78 9.4 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 17.990 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

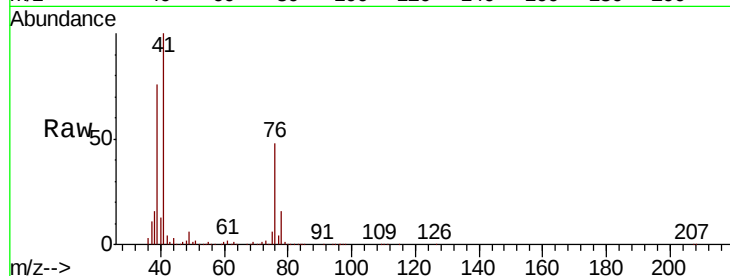
Tot Ion: 41 Resp: 69030

Ion Ratio Lower Upper

41 100

39 75.9 35.4 106.3

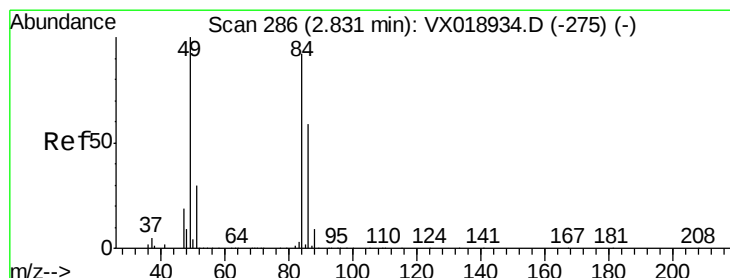
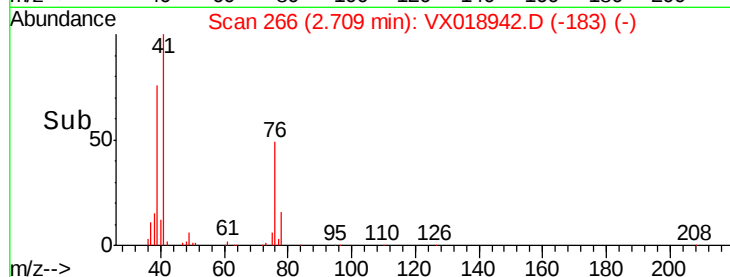
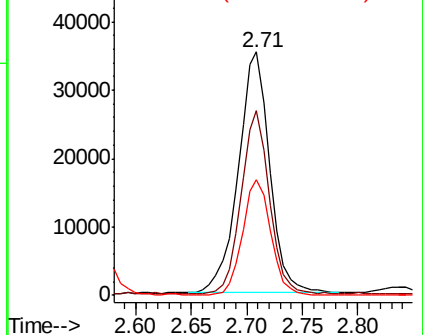
76 47.9 22.4 67.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 18.366 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Tgt Ion: 84 Resp: 54729

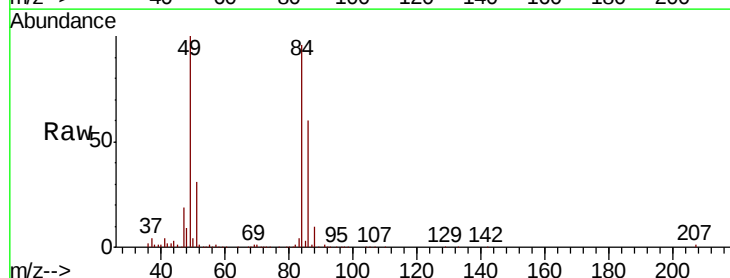
Ion Ratio Lower Upper

84 100

49 104.8 87.2 130.8

51 32.4 25.9 38.9

86 63.4 51.3 76.9

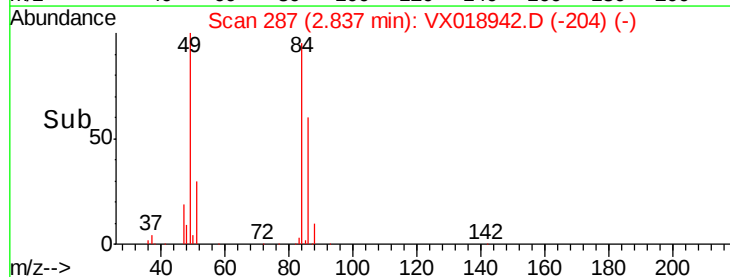
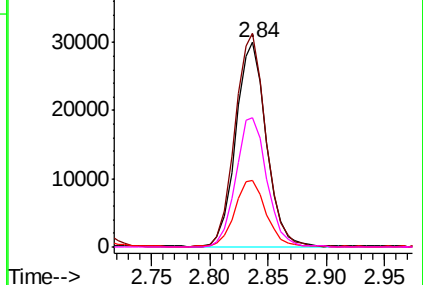


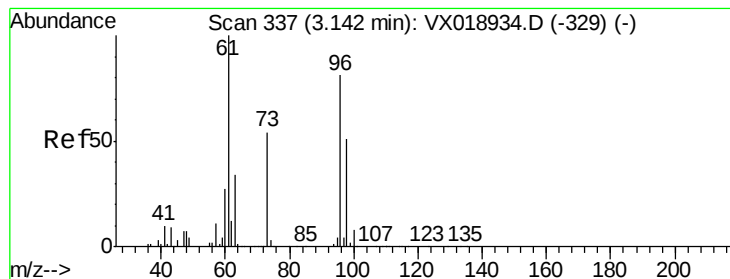
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 18.285 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

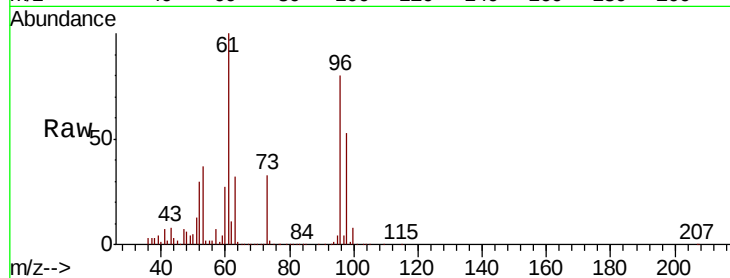
Tot Ion: 96 Resp: 54458

Ion Ratio Lower Upper

96 100

61 125.1 98.6 147.8

98 65.6 50.3 75.5

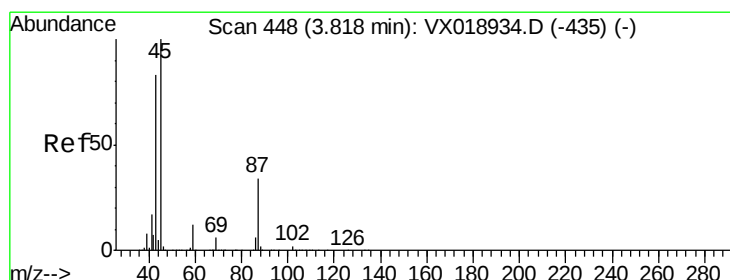
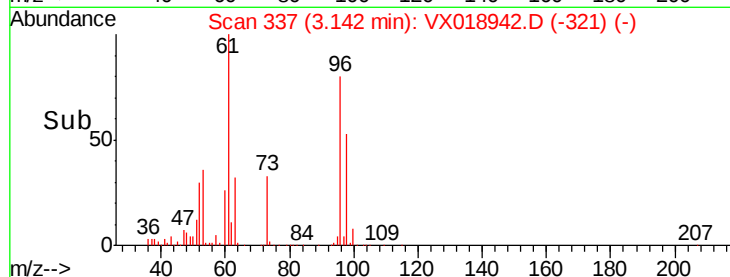
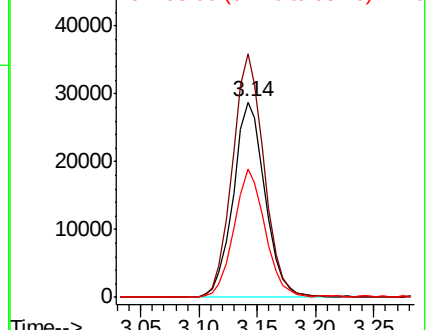


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.455 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Tgt Ion: 45 Resp: 131403

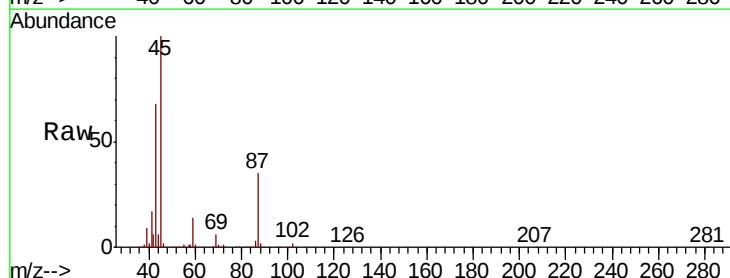
Ion Ratio Lower Upper

45 100

43 66.0 69.7 104.5#

87 35.5 26.9 40.3

59 13.9 9.9 14.9



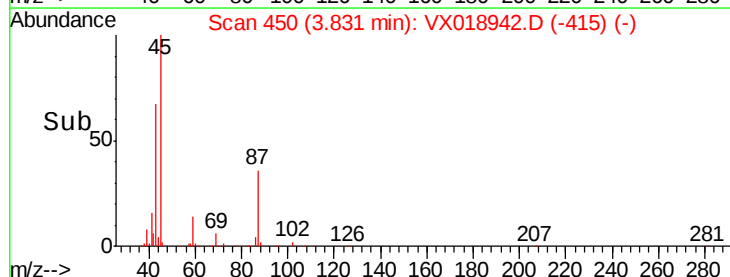
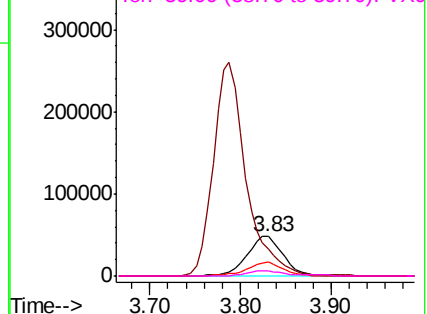
Abundance

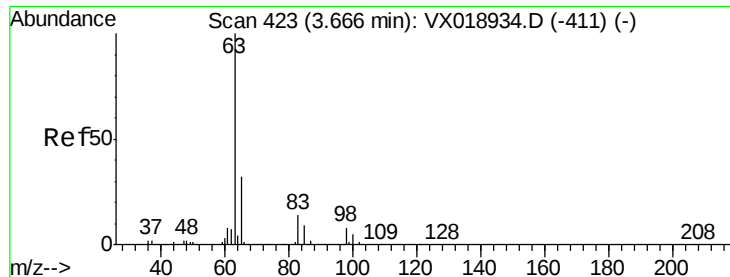
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

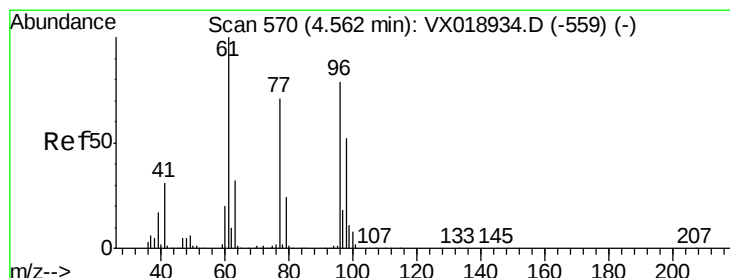
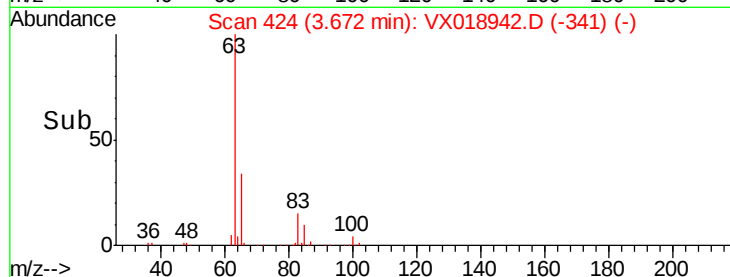
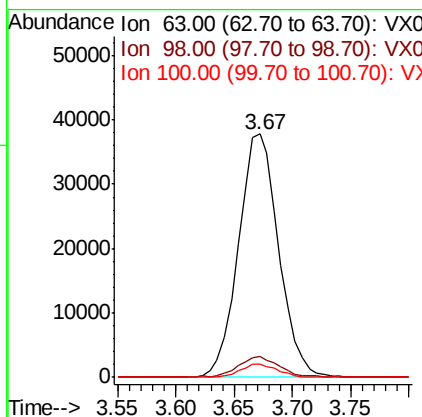
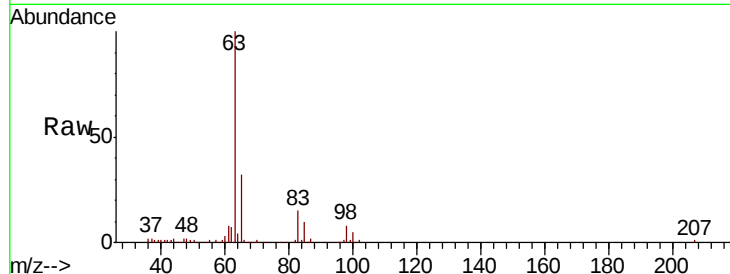




#21
 1,1-Dichloroethane
 Concen: 18.640 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

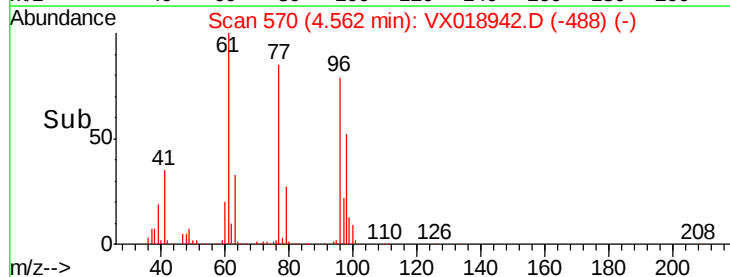
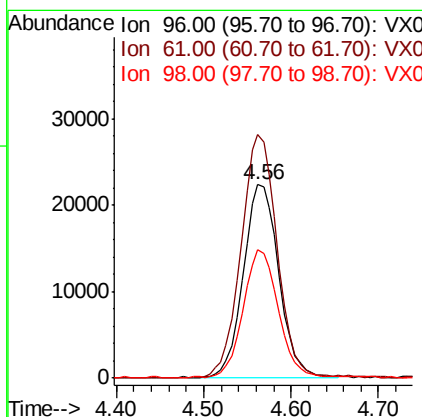
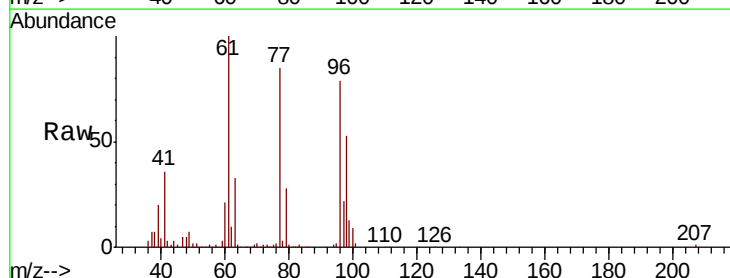
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

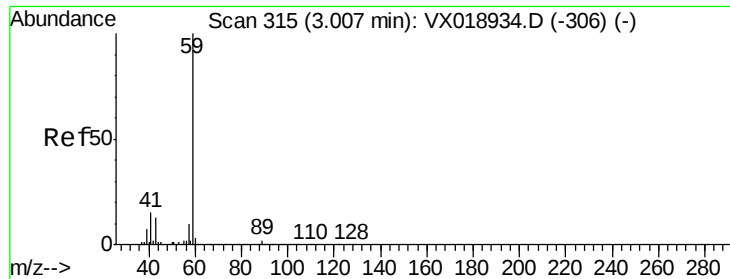
Tot Ion	Ratio	Lower	Upper
63	100		
98	8.2	4.0	11.9
100	5.3	2.5	7.6



#22
 cis-1,2-Dichloroethene
 Concen: 18.562 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.8	107.7	161.5
98	64.8	51.9	77.9





#23

tert-Butyl Alcohol

Concen: 97.173 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

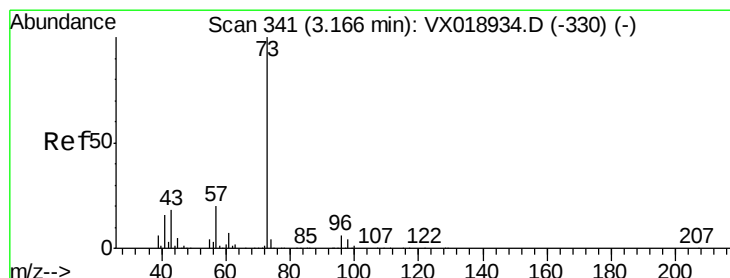
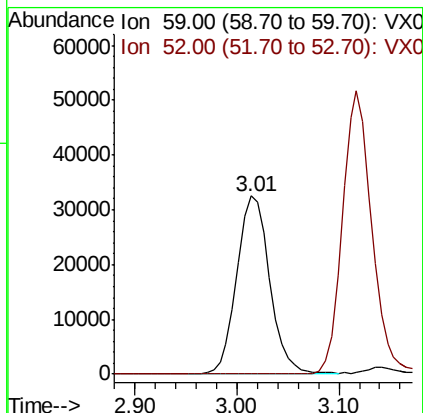
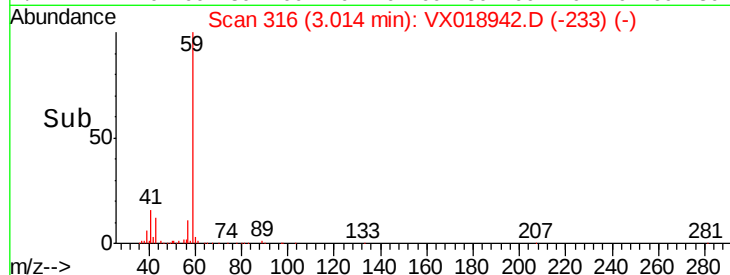
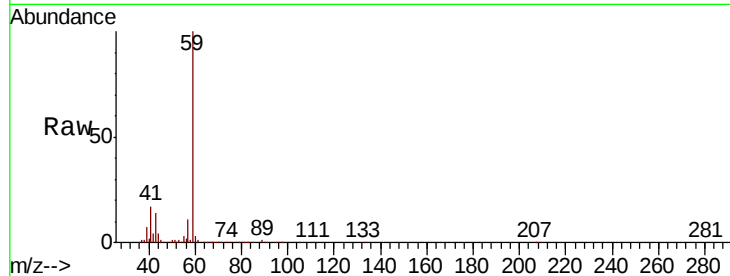
VX1015WBS01

Tot Ion: 59 Resp: 72986

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 18.689 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX018942.D

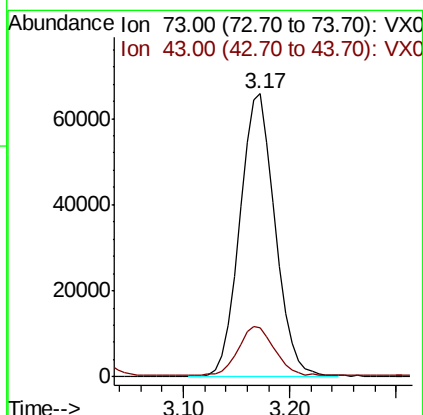
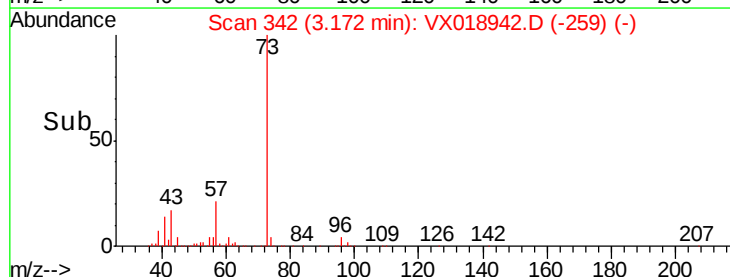
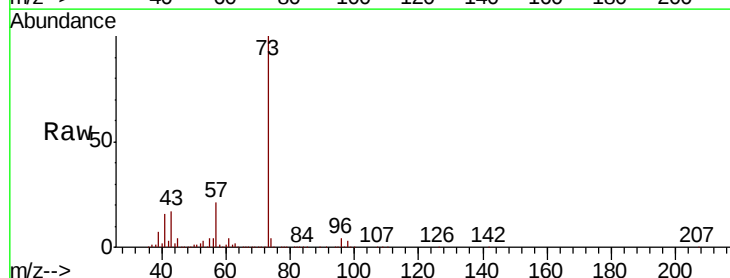
Acq: 15 Oct 2020 19:07

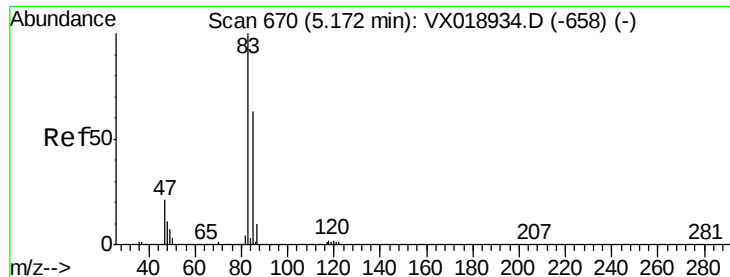
Tgt Ion: 73 Resp: 152609

Ion Ratio Lower Upper

73 100

43 17.7 13.8 20.8

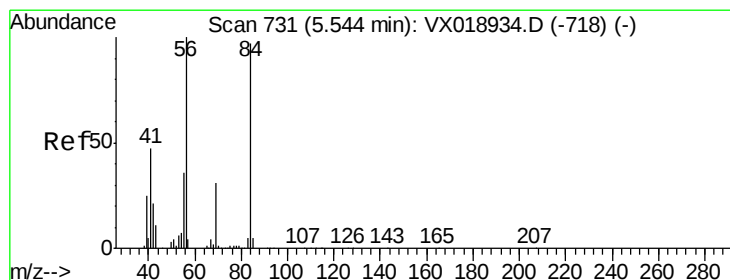
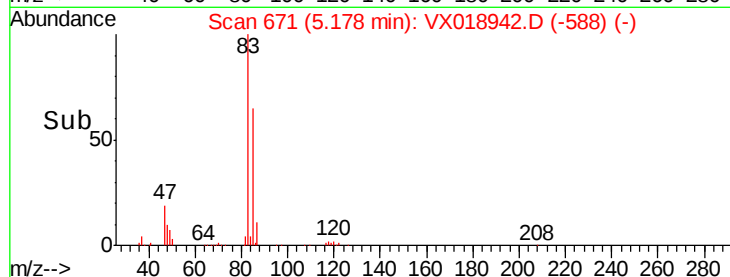
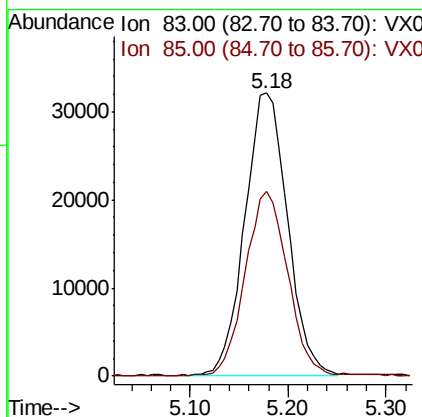
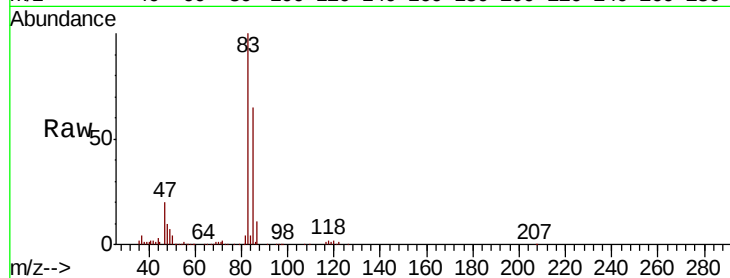




#25
Chloroform
Concen: 18.771 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

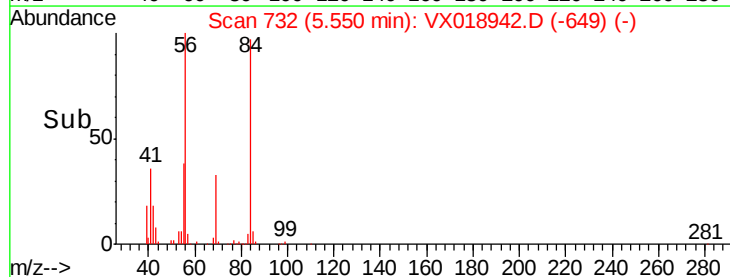
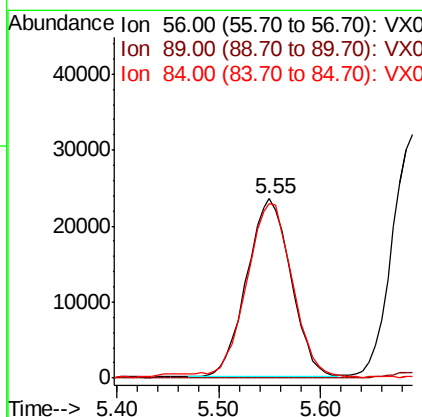
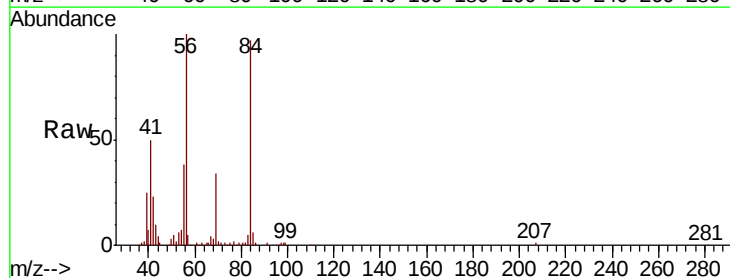
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

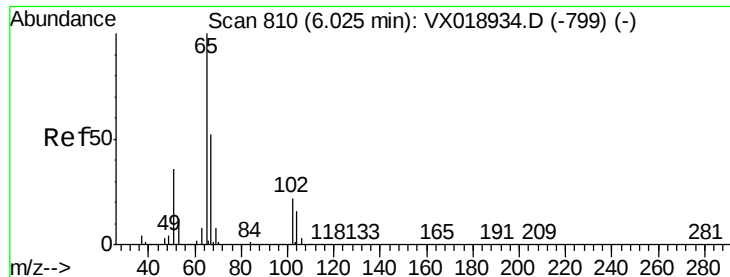
Tot Ion: 83 Resp: 96971
Ion Ratio Lower Upper
83 100
85 65.1 50.3 75.5



#26
Cyclohexane
Concen: 18.070 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 56 Resp: 70798
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 100.4 78.0 117.0





#27

1,2-Dichloroethane-d4

Concen: 30.147 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

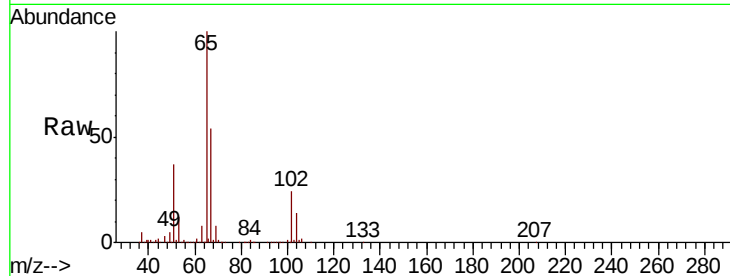
VX1015WBS01

Tot Ion: 65 Resp: 94992

Ion Ratio Lower Upper

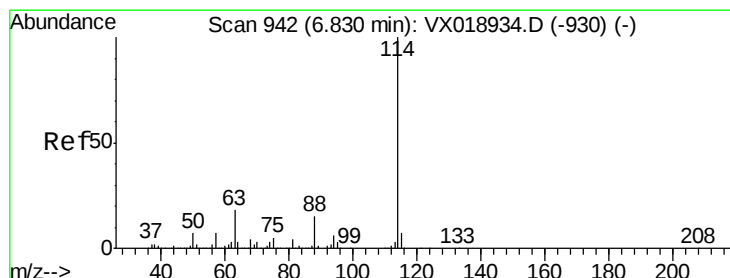
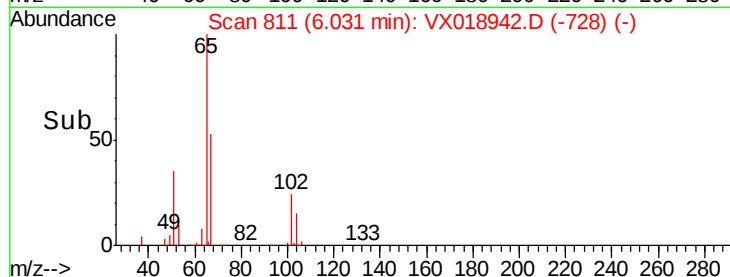
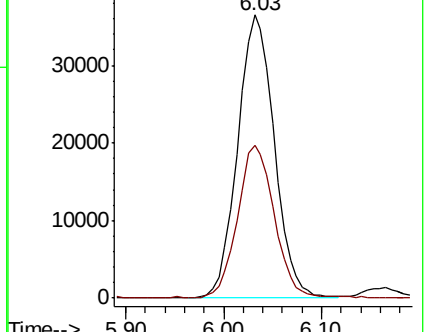
65 100

67 53.6 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

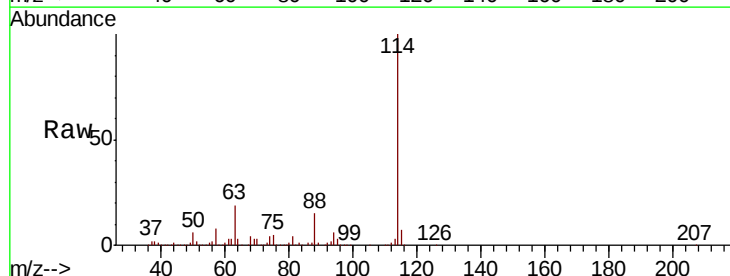
Tgt Ion: 114 Resp: 270985

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

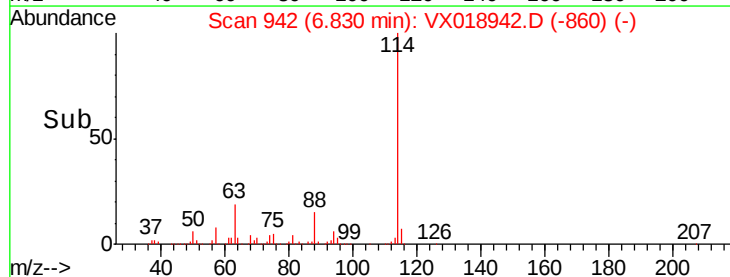
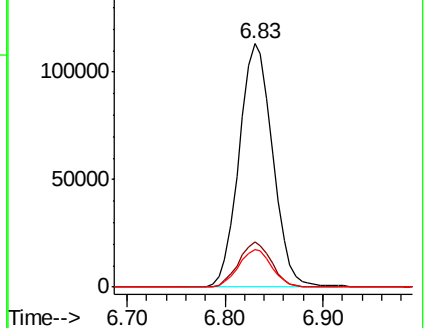
88 15.3 12.3 18.5

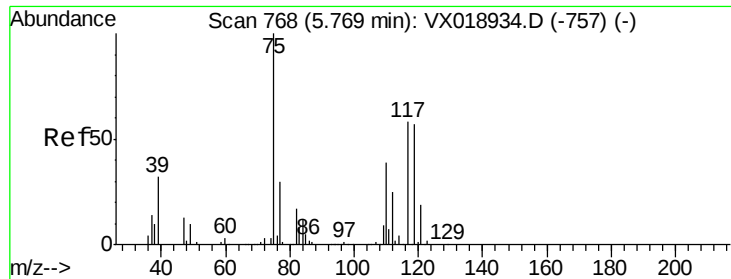


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

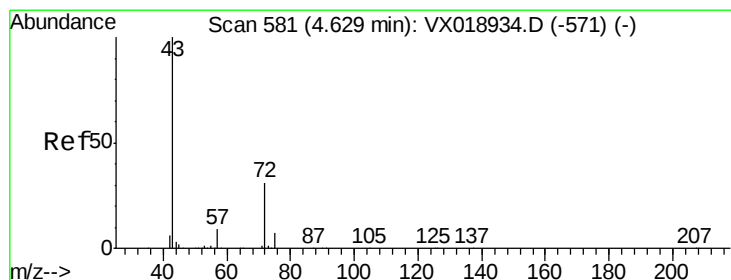
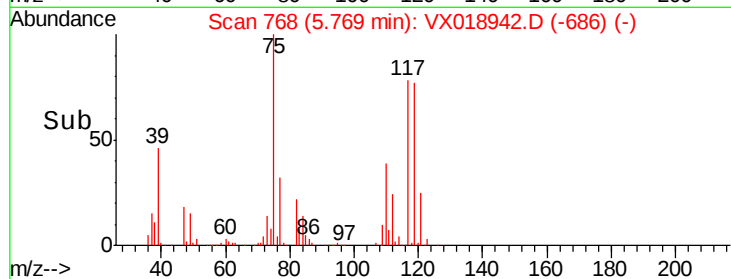
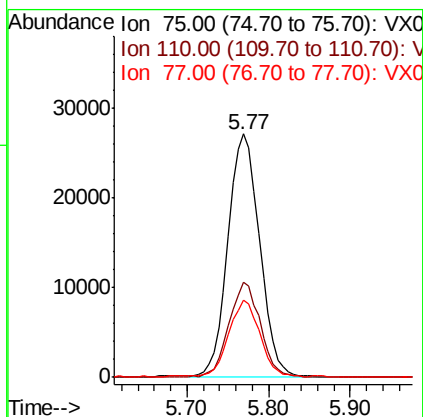
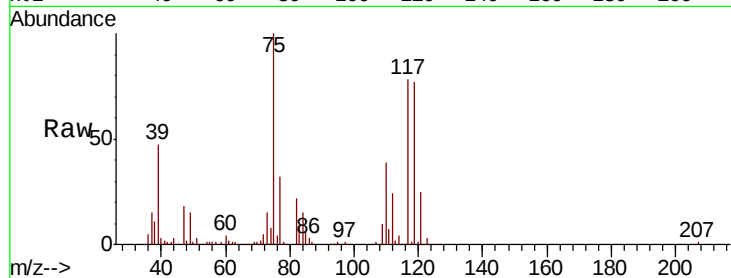




#29
 1,1-Dichloropropene
 Concen: 18.673 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

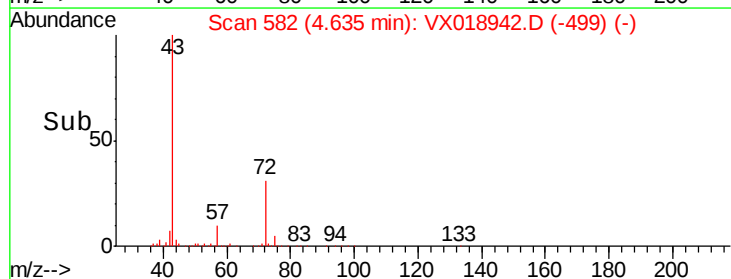
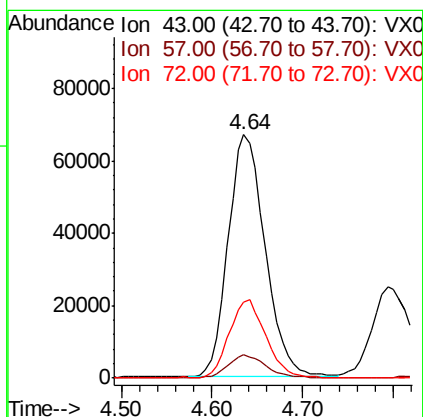
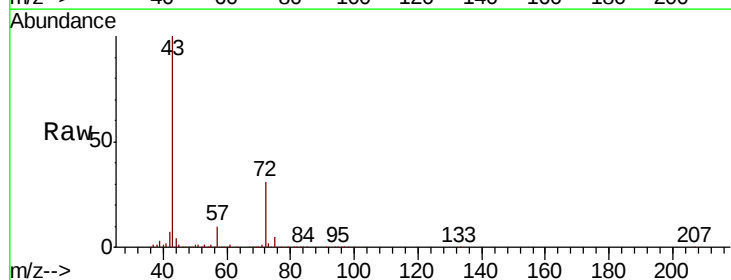
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

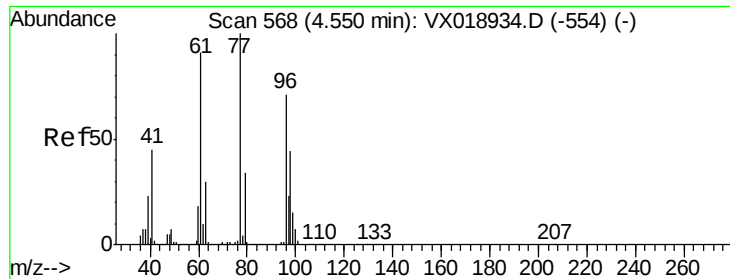
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.5	0.0	79.2
77	30.7	0.0	62.6



#30
 2-Butanone
 Concen: 96.937 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.3	7.0	10.6
72	31.9	25.6	38.4





#31

2,2-Dichloropropane

Concen: 17.891 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

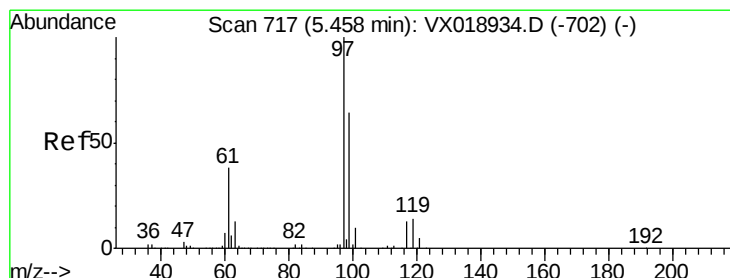
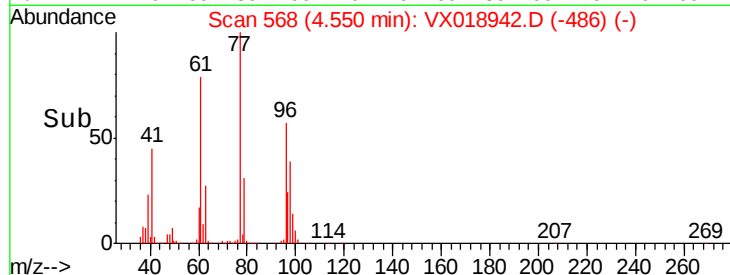
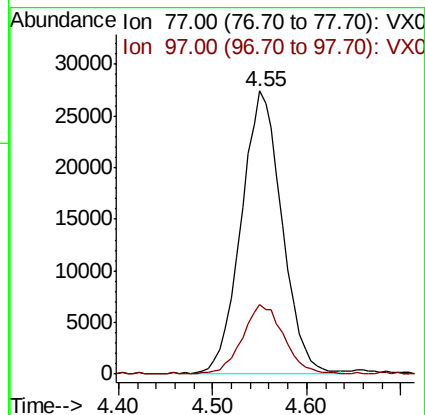
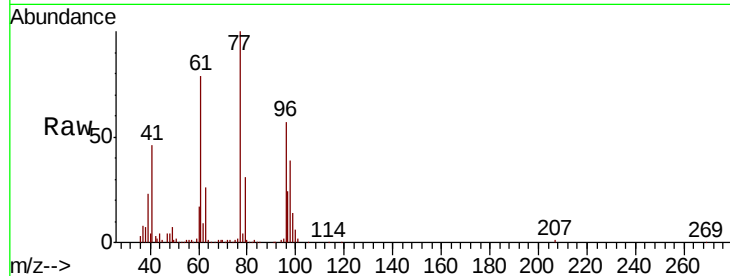
VX1015WBS01

Tot Ion: 77 Resp: 82803

Ion Ratio Lower Upper

77 100

97 24.3 19.0 28.6



#32

1,1,1-Trichloroethane

Concen: 18.886 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

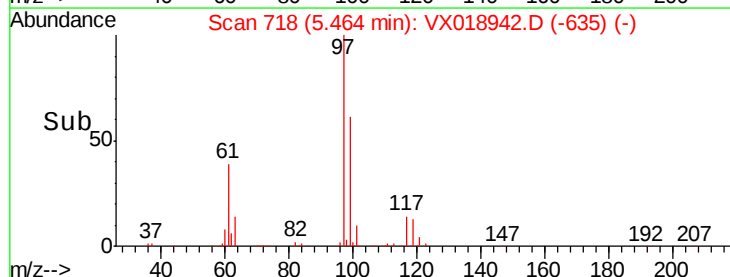
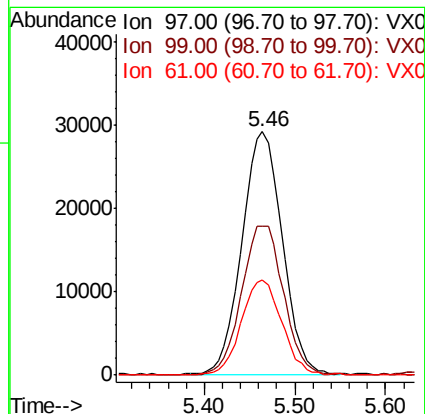
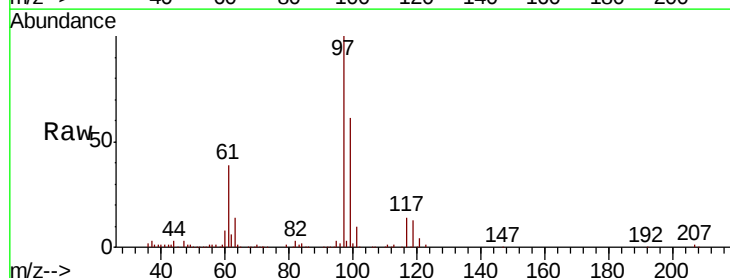
Tgt Ion: 97 Resp: 90056

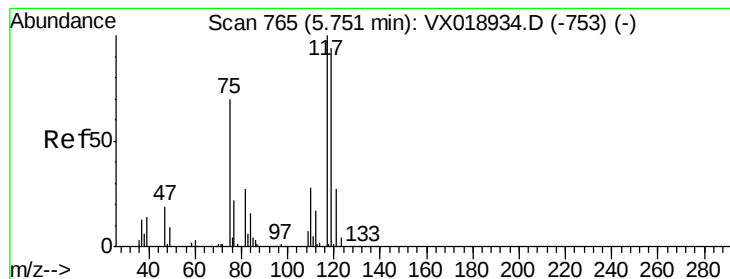
Ion Ratio Lower Upper

97 100

99 63.9 52.6 78.8

61 39.2 31.5 47.3





#33

Carbon Tetrachloride

Concen: 18.418 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

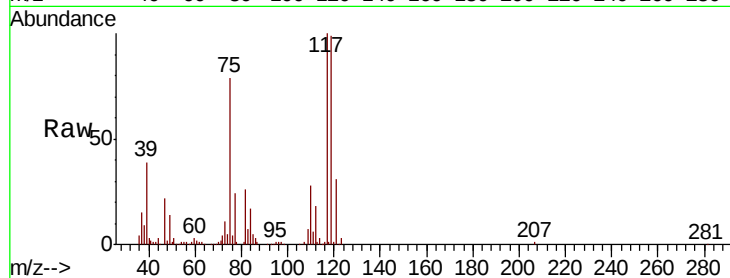
Tot Ion:117 Resp: 80492

Ion Ratio Lower Upper

117 100

119 99.3 75.0 112.4

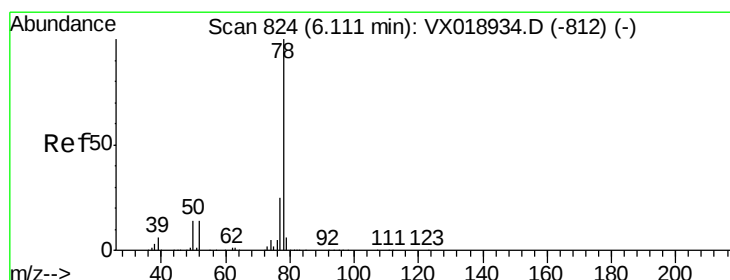
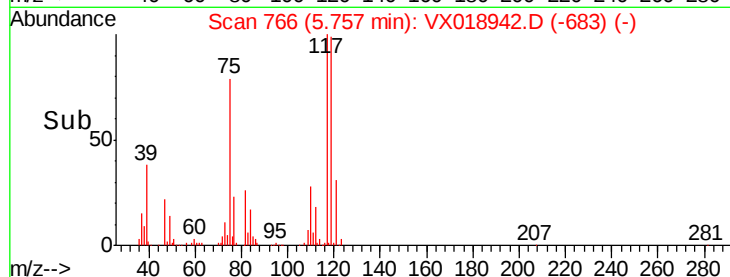
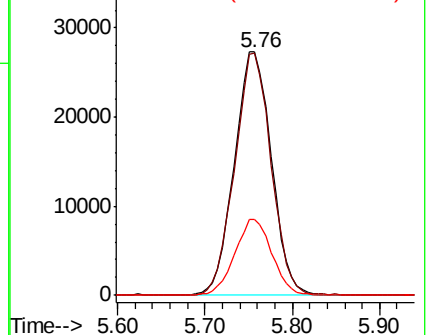
121 31.3 21.8 32.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.756 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

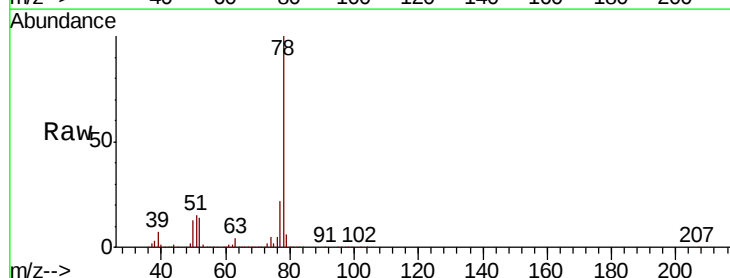
Tgt Ion: 78 Resp: 218383

Ion Ratio Lower Upper

78 100

77 22.2 19.7 29.5

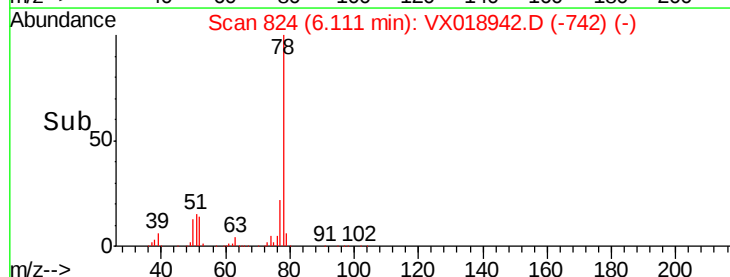
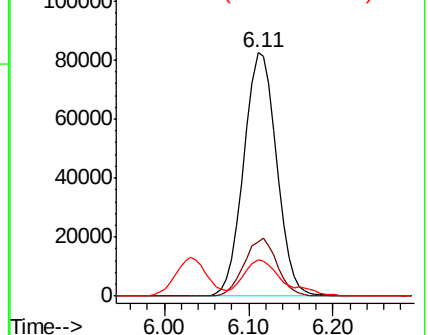
51 14.5 12.0 18.0

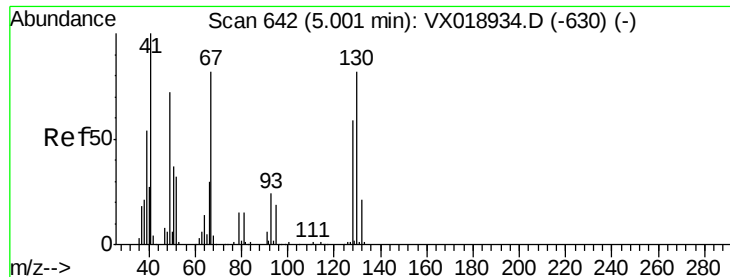


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

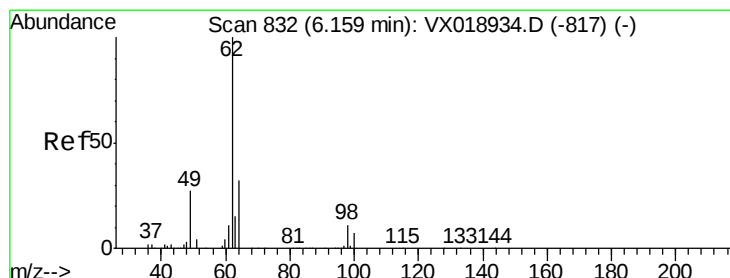
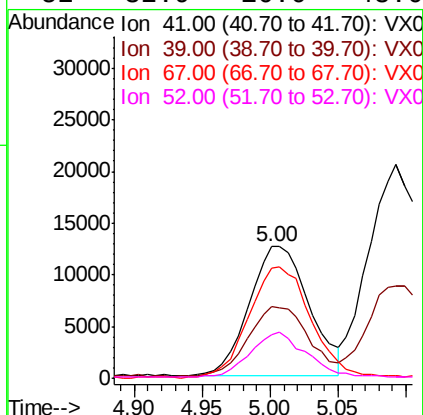
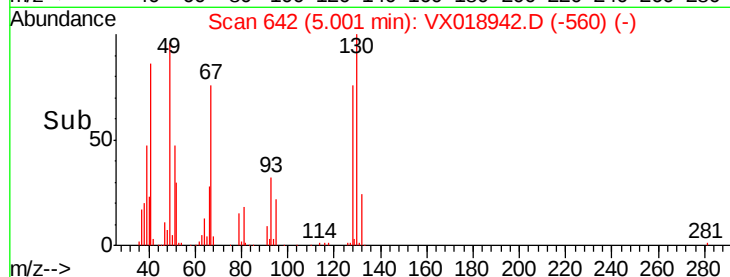
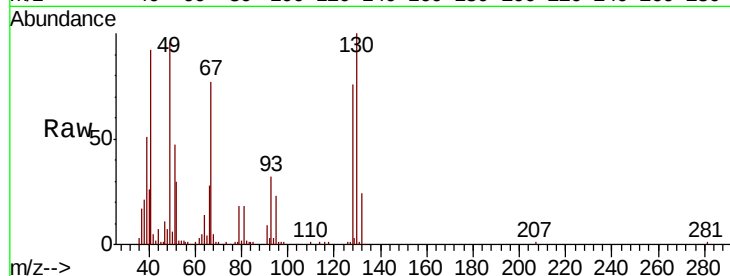




#35
Methacrylonitrile
Concen: 19.074 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

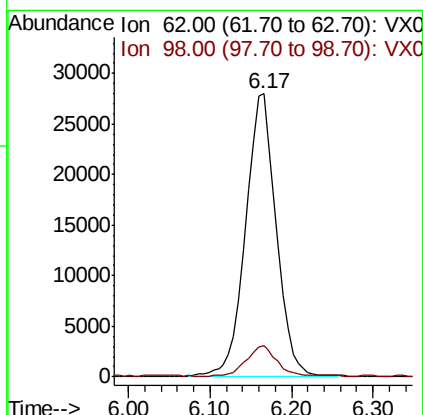
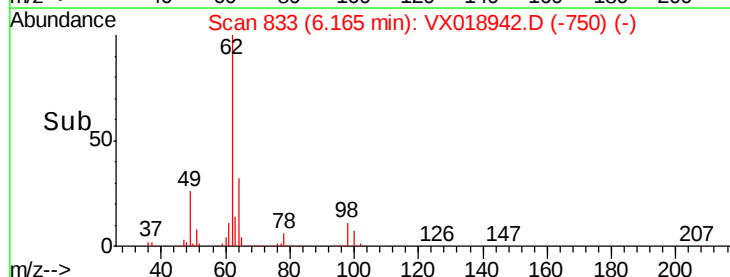
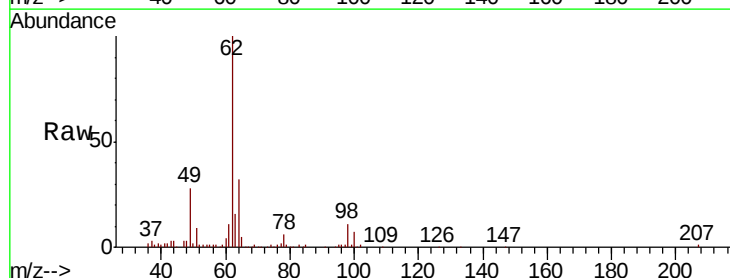
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

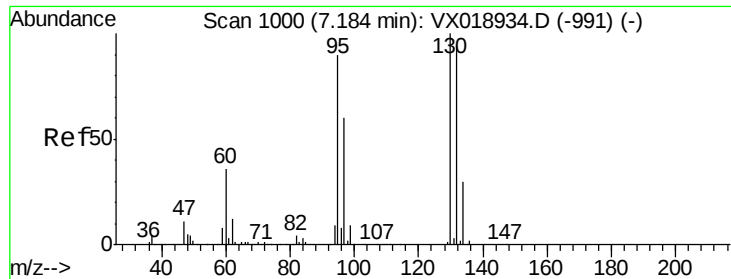
Tot Ion: 41 Resp: 38646
Ion Ratio Lower Upper
41 100
39 54.2 27.0 81.0
67 84.7 41.1 123.3
52 32.9 16.0 48.0



#36
1,2-Dichloroethane
Concen: 19.272 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 62 Resp: 73765
Ion Ratio Lower Upper
62 100
98 10.5 8.9 13.3

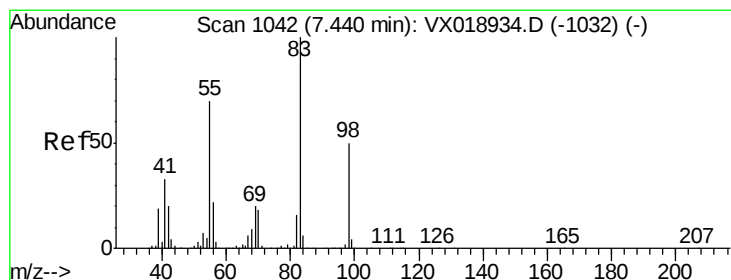
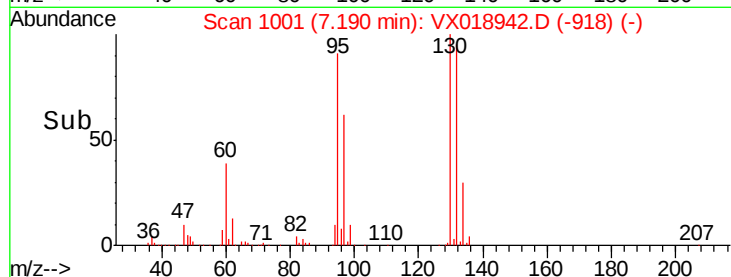
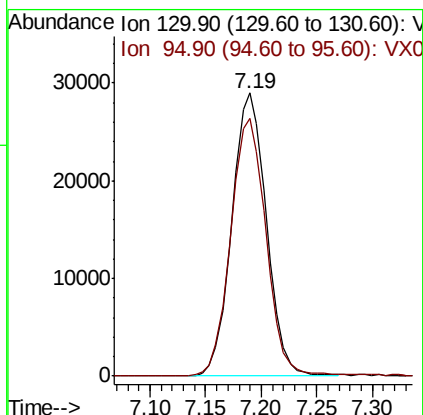
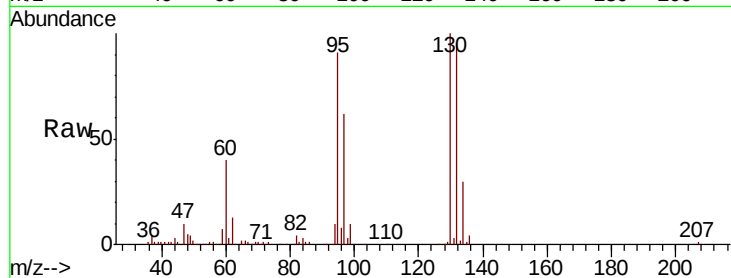




#37
 Trichloroethene
 Concen: 18.204 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

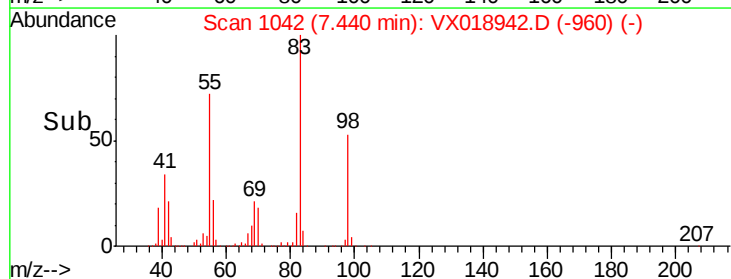
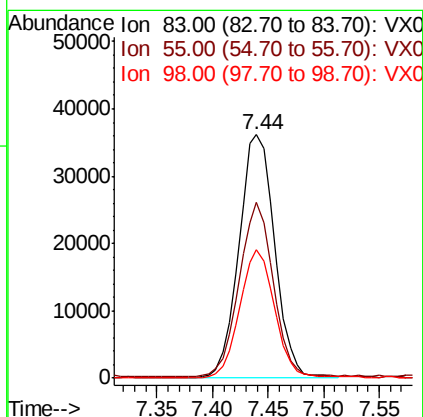
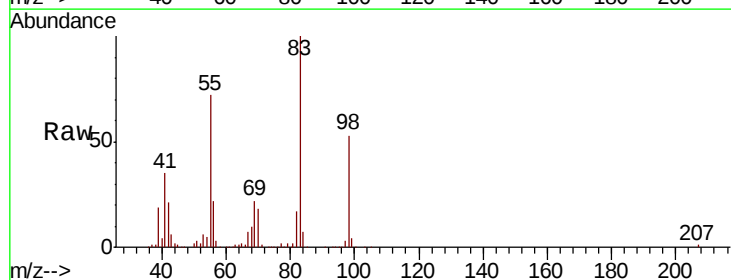
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

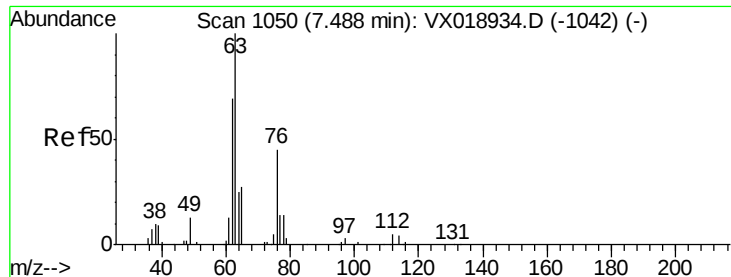
Tot Ion:130 Resp: 62205
 Ion Ratio Lower Upper
 130 100
 95 90.6 71.8 107.6



#38
 Methylcyclohexane
 Concen: 17.928 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

Tgt Ion: 83 Resp: 80304
 Ion Ratio Lower Upper
 83 100
 55 68.2 34.8 104.4
 98 51.5 25.8 77.4

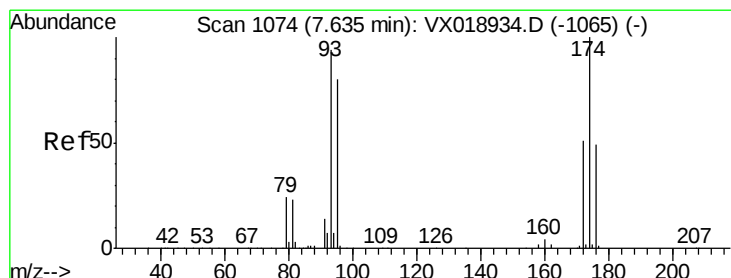
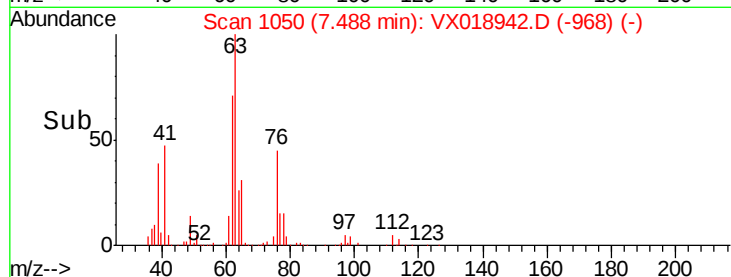
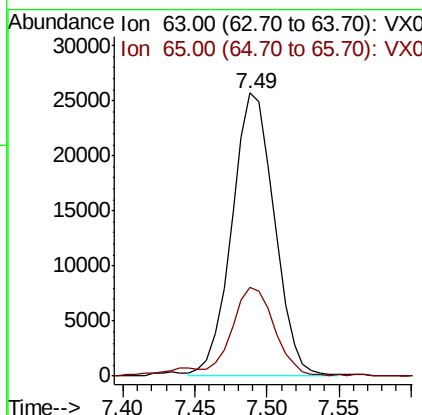
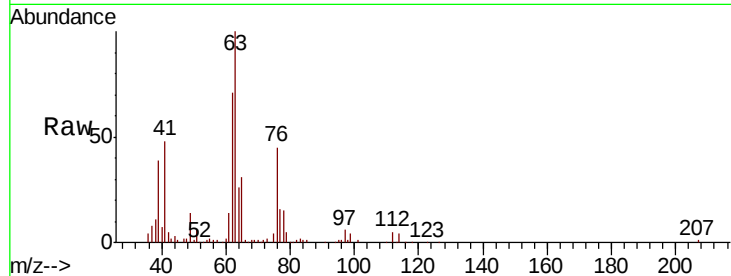




#39
 1,2-Dichloropropane
 Concen: 18.544 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

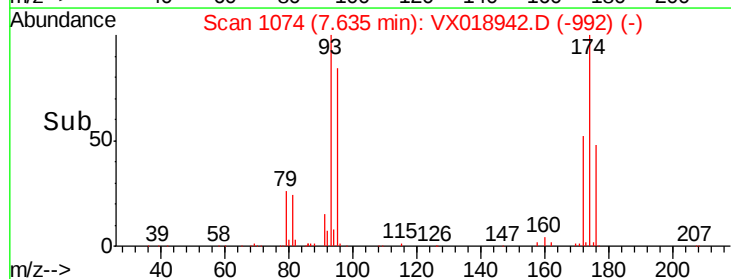
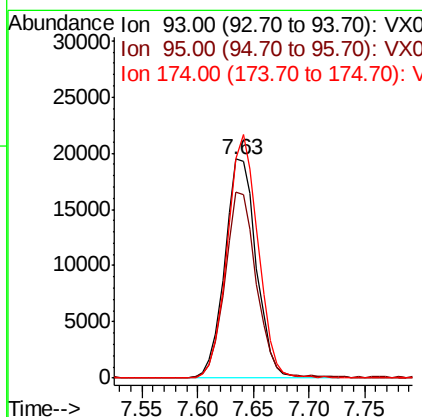
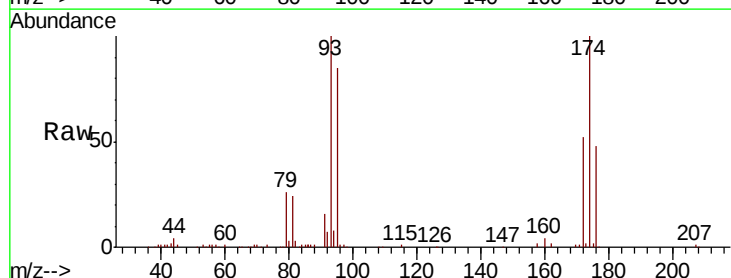
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

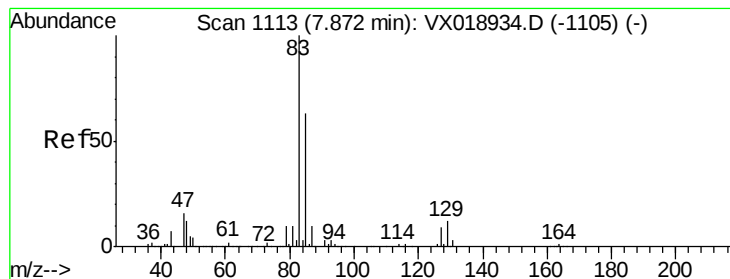
Tot Ion: 63 Resp: 52809
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.0 34.6



#40
 Dibromomethane
 Concen: 18.355 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

Tgt Ion: 93 Resp: 38396
 Ion Ratio Lower Upper
 93 100
 95 84.3 0.0 164.0
 174 108.2 0.0 214.6





#41

Bromodichloromethane

Concen: 18.276 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

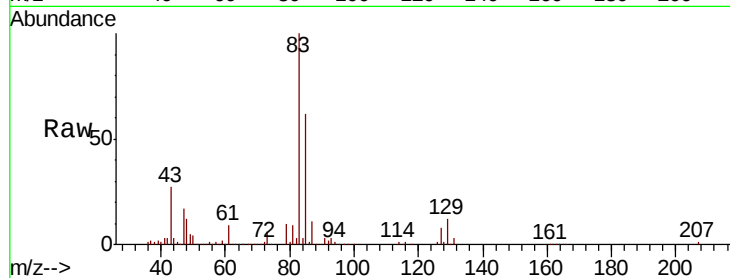
Tot Ion: 83 Resp: 77820

Ion Ratio Lower Upper

83 100

85 61.5 50.4 75.6

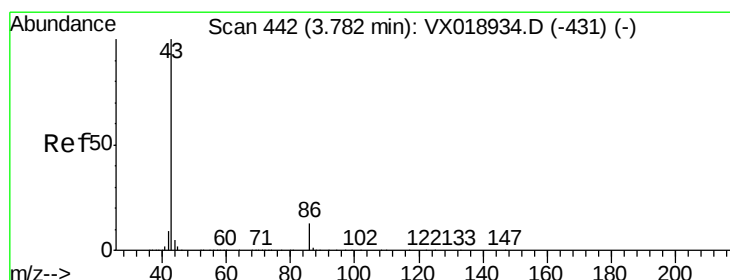
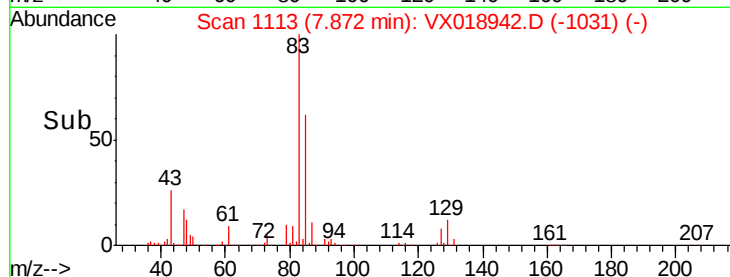
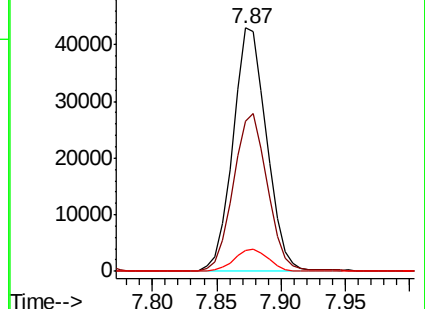
127 8.5 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 93.500 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX018942.D

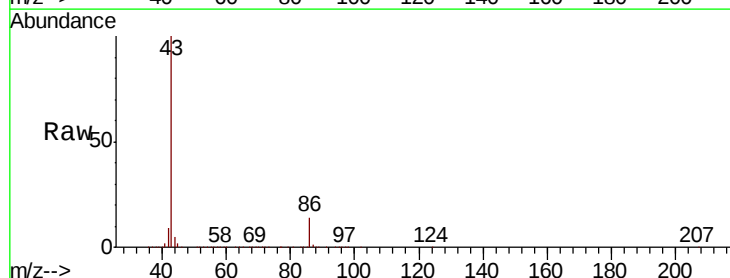
Acq: 15 Oct 2020 19:07

Tgt Ion: 43 Resp: 655695

Ion Ratio Lower Upper

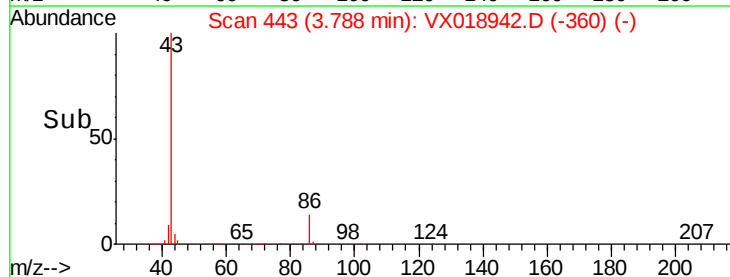
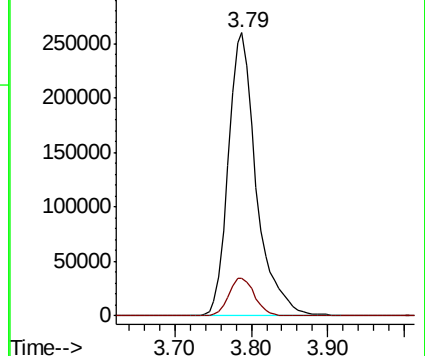
43 100

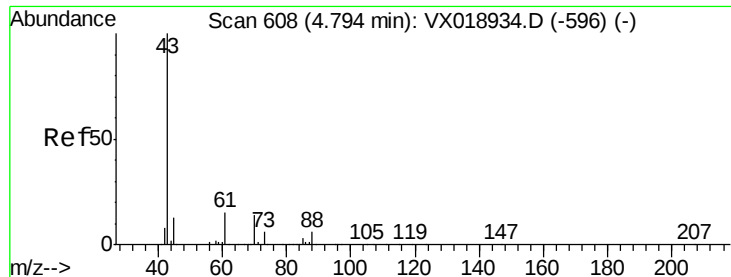
86 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

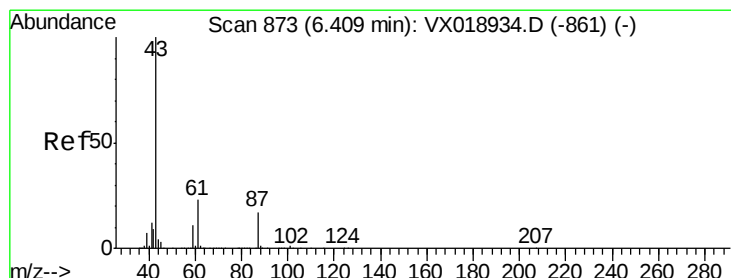
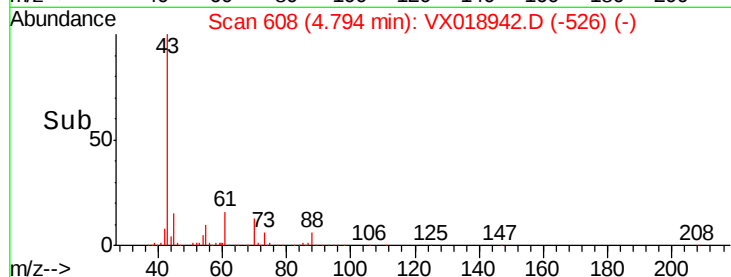
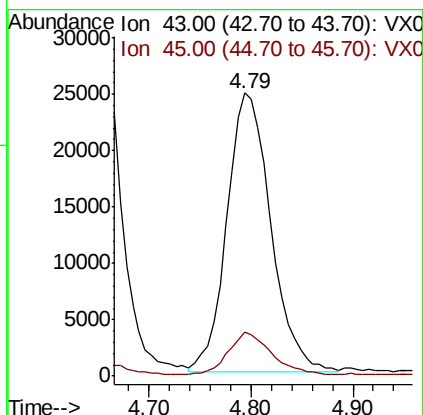
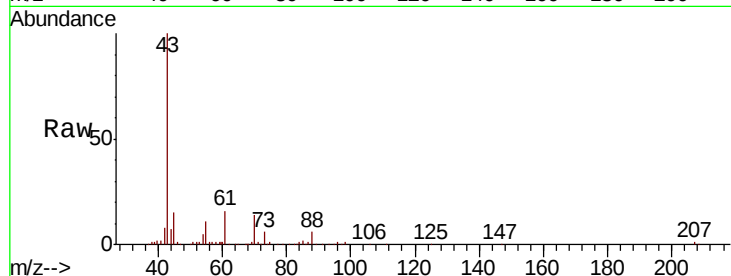




#43
Ethyl Acetate
Concen: 18.224 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

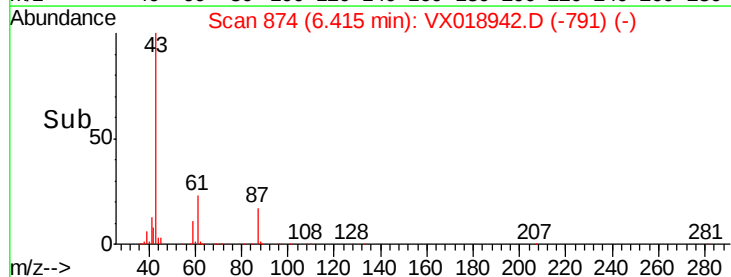
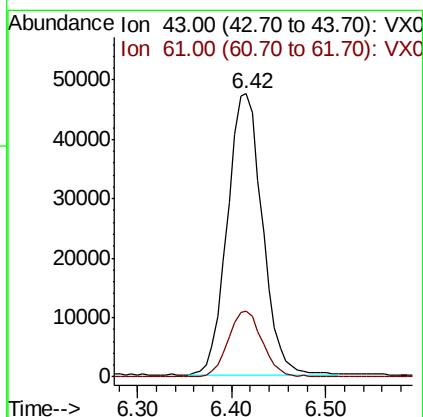
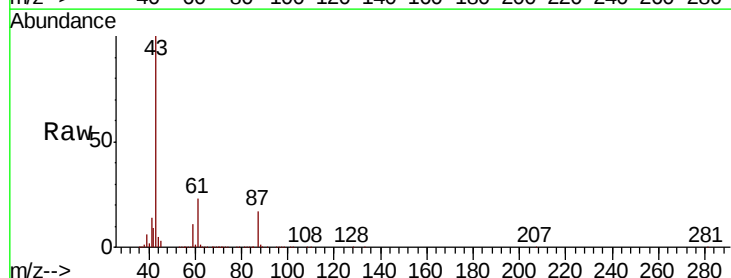
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

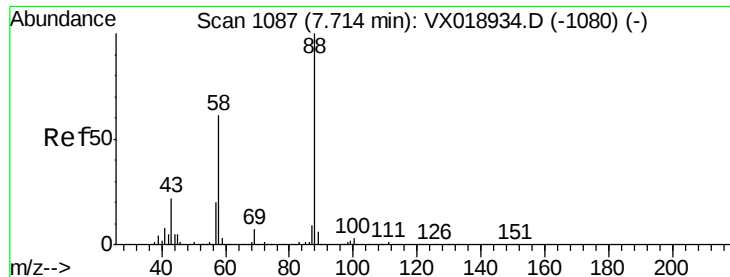
Tot Ion: 43 Resp: 73846
Ion Ratio Lower Upper
43 100
45 15.0 11.5 17.3



#44
Isopropyl Acetate
Concen: 18.909 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 43 Resp: 123035
Ion Ratio Lower Upper
43 100
61 23.0 0.0 0.0#





#45

1,4-Dioxane

Concen: 381.773 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

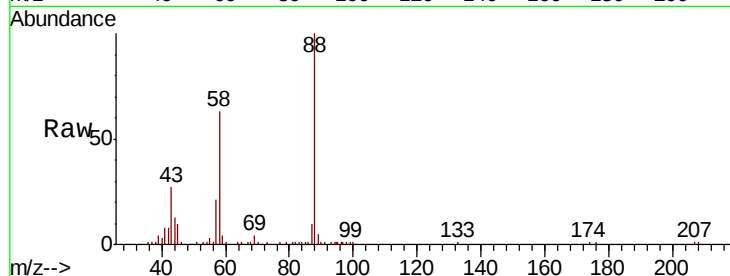
Tot Ion: 88 Resp: 26512

Ion Ratio Lower Upper

88 100

43 28.0 22.1 33.1

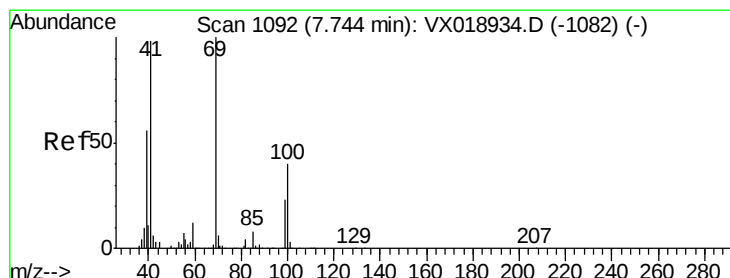
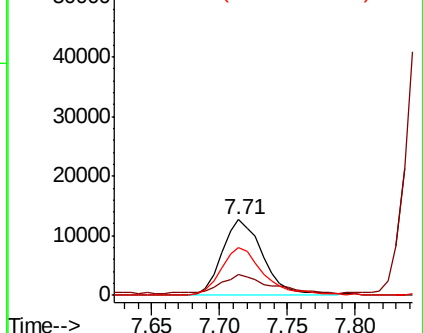
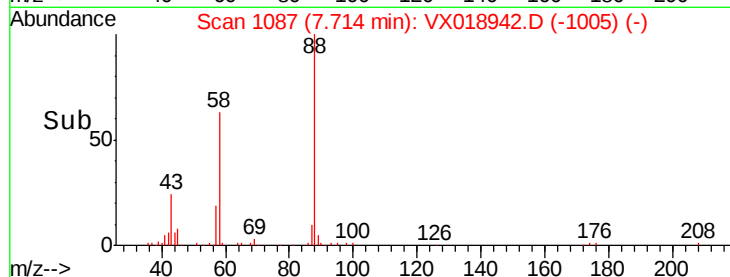
58 64.3 52.1 78.1



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



#46

Methyl methacrylate

Concen: 18.962 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

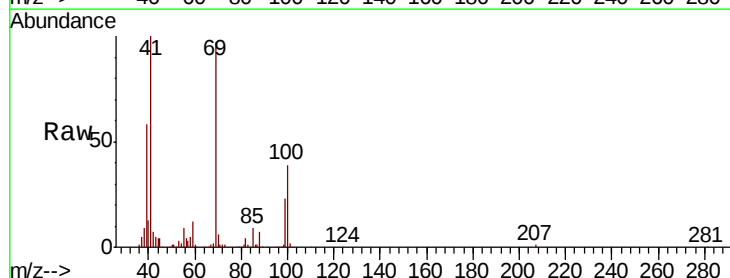
Tgt Ion: 41 Resp: 57363

Ion Ratio Lower Upper

41 100

69 97.7 50.8 152.5

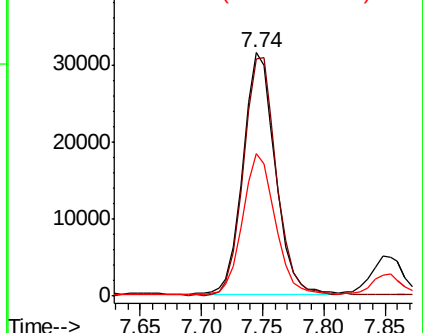
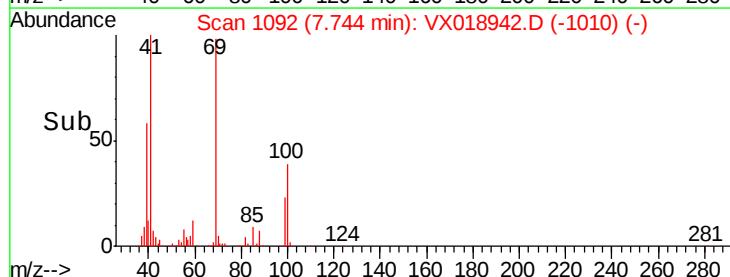
39 58.1 28.5 85.6

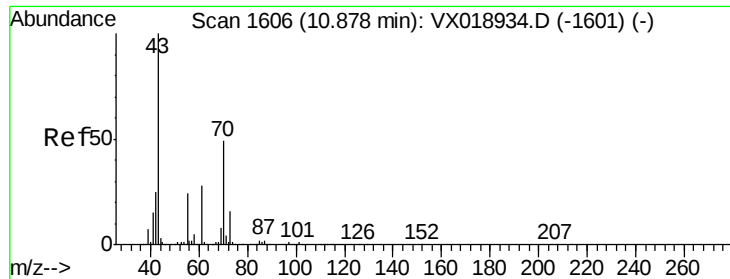


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.848 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

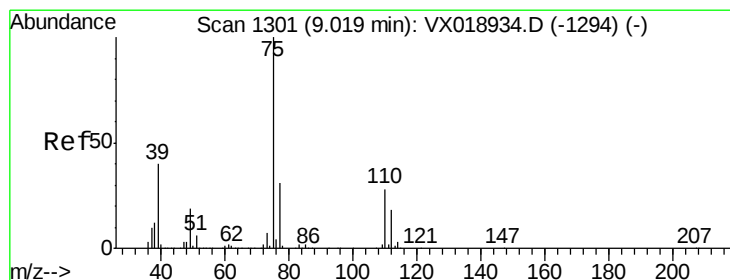
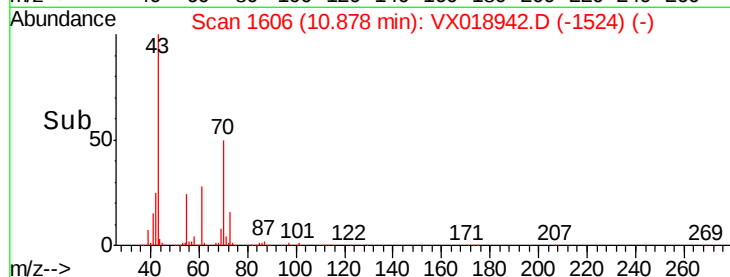
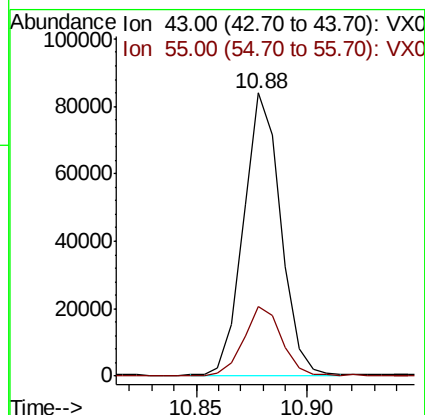
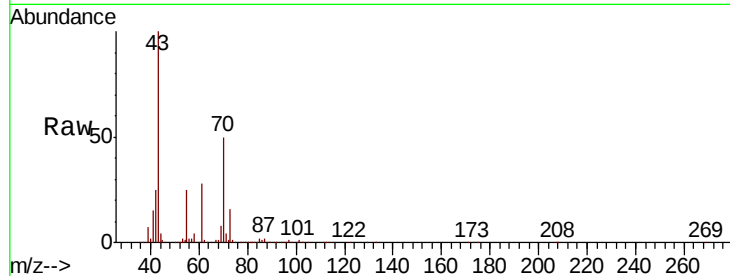
VX1015WBS01

Tot Ion: 43 Resp: 97003

Ion Ratio Lower Upper

43 100

55 24.6 19.9 29.9



#48

t-1,3-Dichloropropene

Concen: 18.038 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018942.D

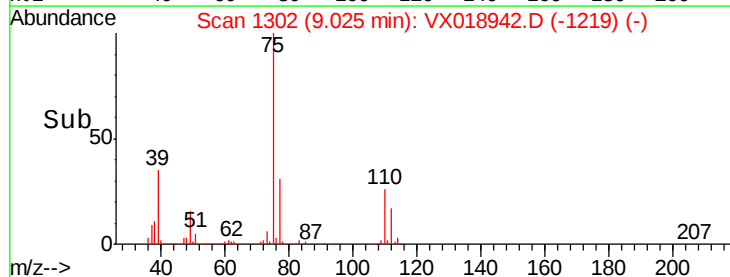
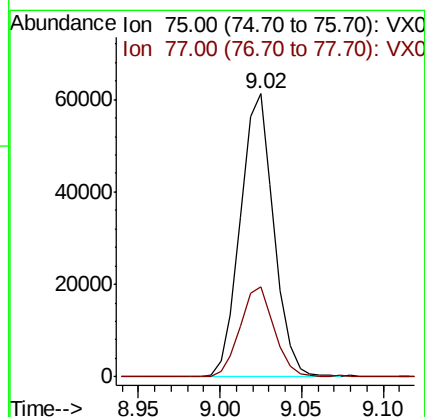
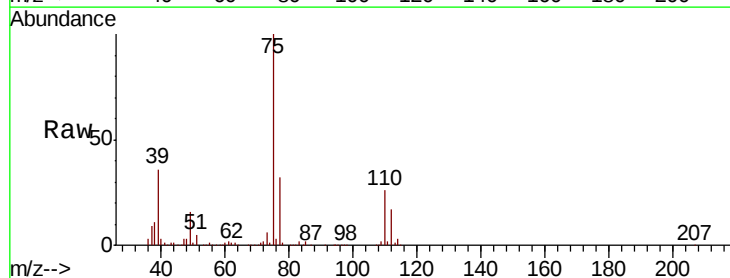
Acq: 15 Oct 2020 19:07

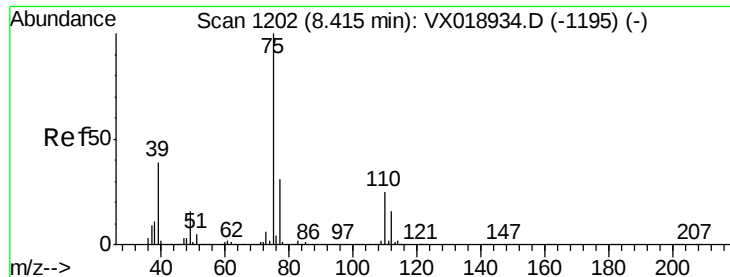
Tgt Ion: 75 Resp: 87706

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 17.882 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

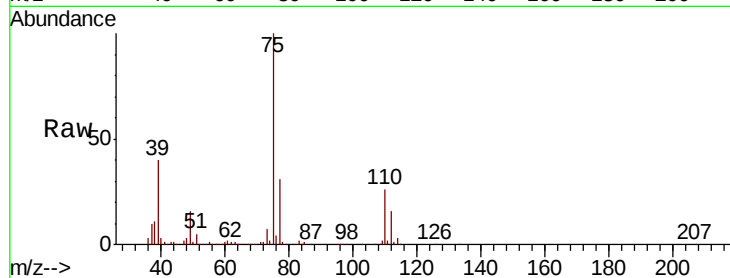
Tot Ion: 75 Resp: 92451

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

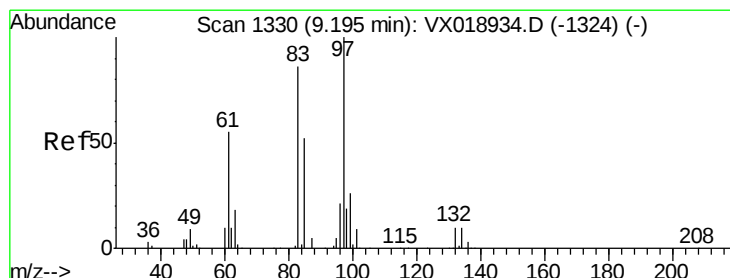
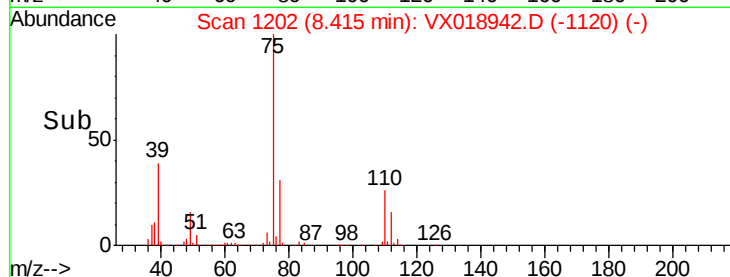
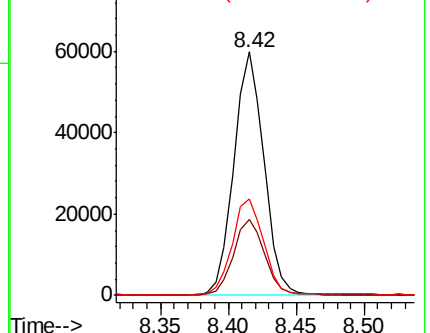
39 39.4 31.5 47.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 18.582 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Tgt Ion: 97 Resp: 55777

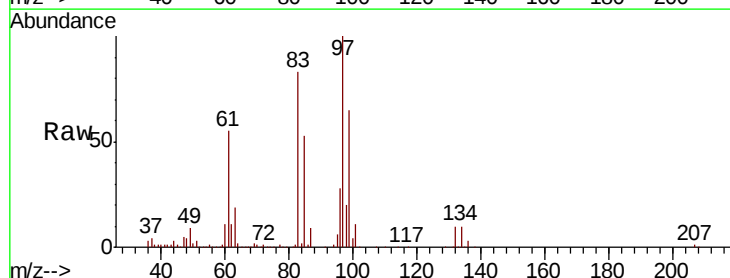
Ion Ratio Lower Upper

97 100

83 83.2 68.0 102.0

85 53.0 43.8 65.8

99 65.3 48.4 72.6

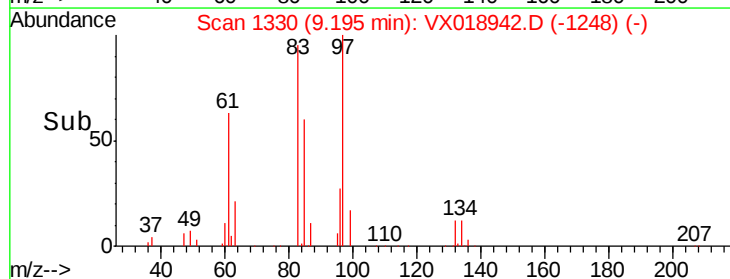
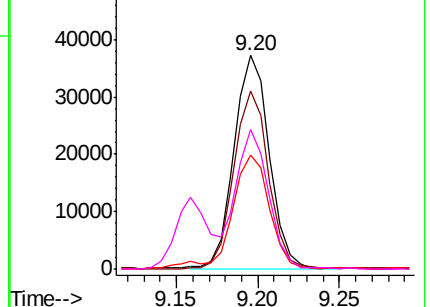


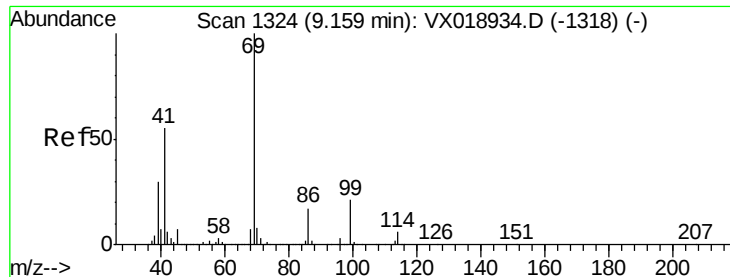
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.419 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

VX1015WBS01

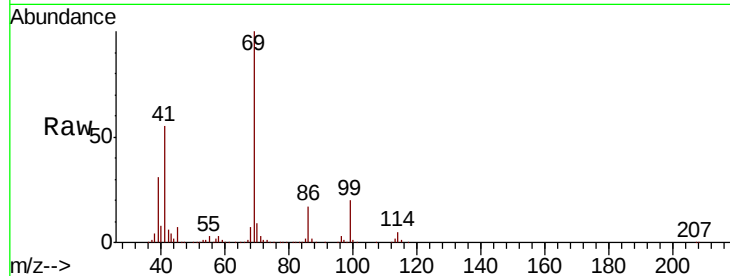
Tot Ion: 69 Resp: 87015

Ion Ratio Lower Upper

69 100

41 54.1 27.6 82.8

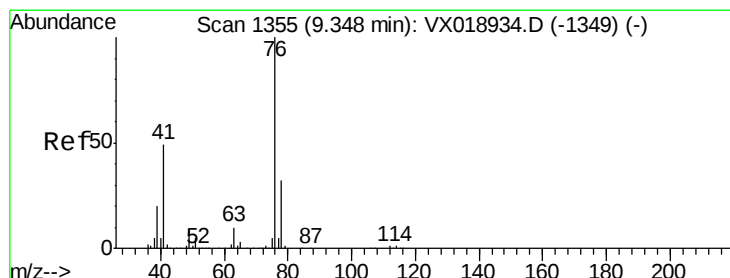
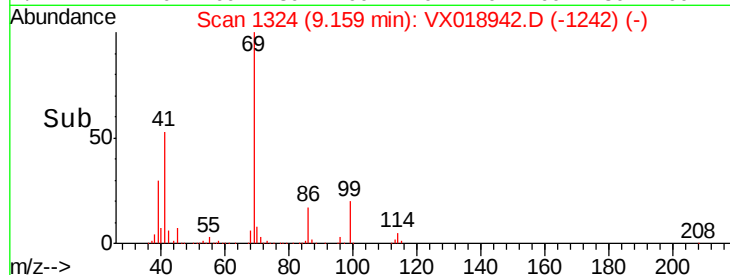
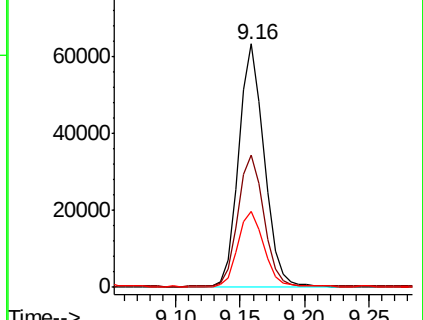
39 30.9 15.0 45.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 18.539 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX018942.D

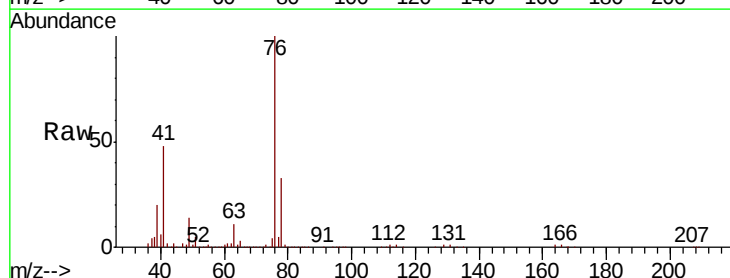
Acq: 15 Oct 2020 19:07

Tgt Ion: 76 Resp: 91828

Ion Ratio Lower Upper

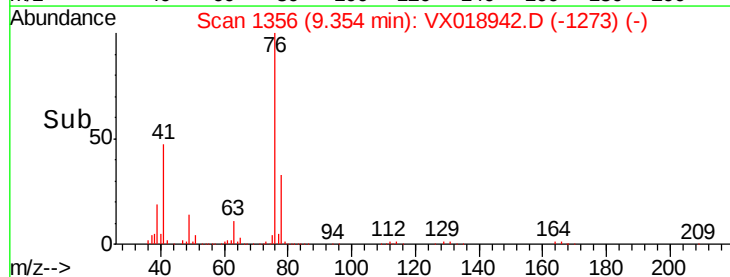
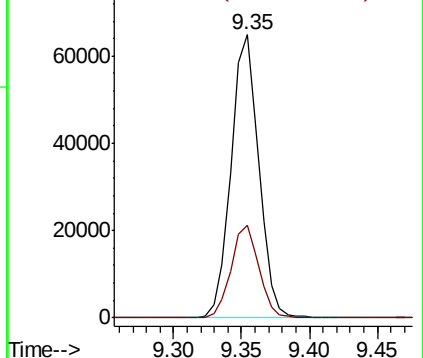
76 100

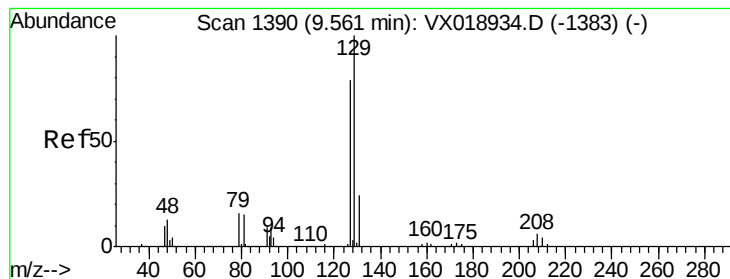
78 33.0 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.055 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

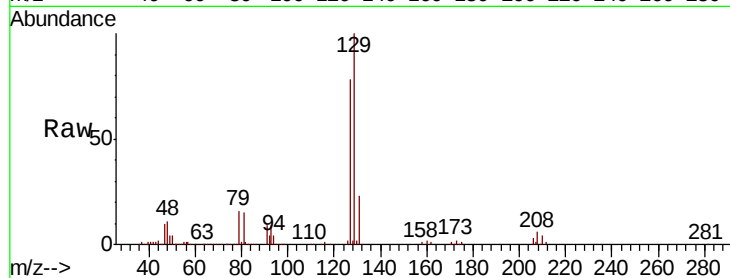
VX1015WBS01

Tot Ion:129 Resp: 64464

Ion Ratio Lower Upper

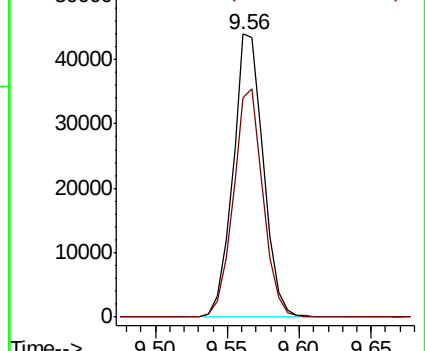
129 100

127 78.7 38.7 116.1

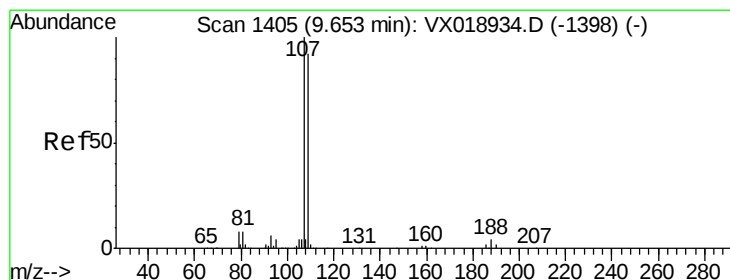
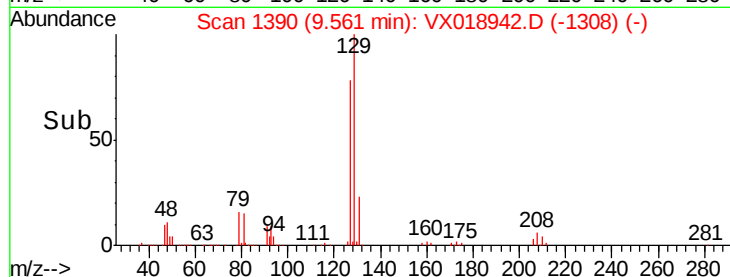


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#54

1,2-Dibromoethane

Concen: 18.460 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018942.D

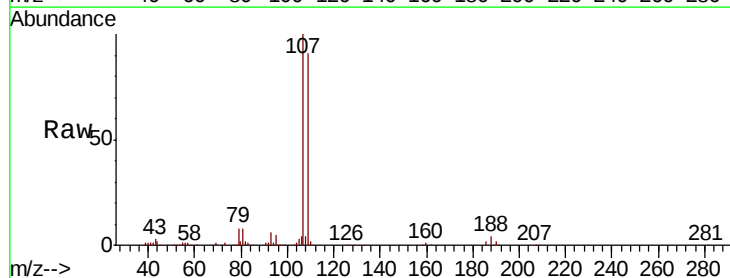
Acq: 15 Oct 2020 19:07

Tgt Ion:107 Resp: 60911

Ion Ratio Lower Upper

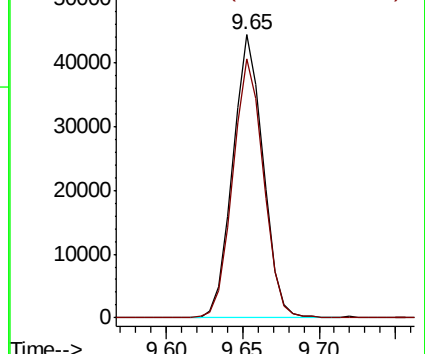
107 100

109 92.7 75.1 112.7

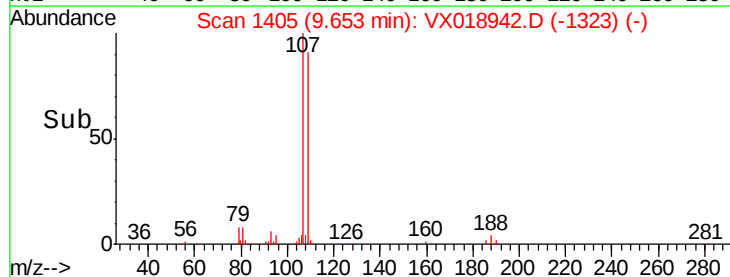


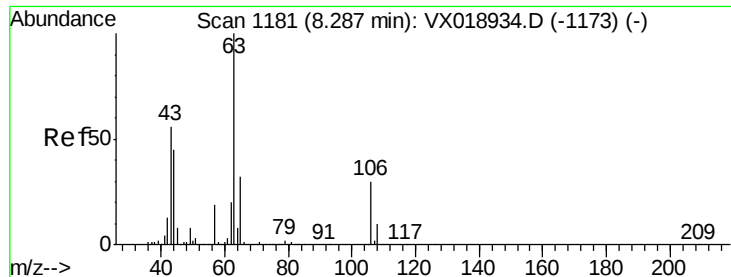
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->

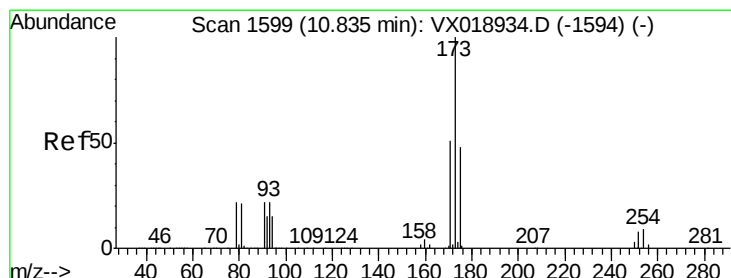
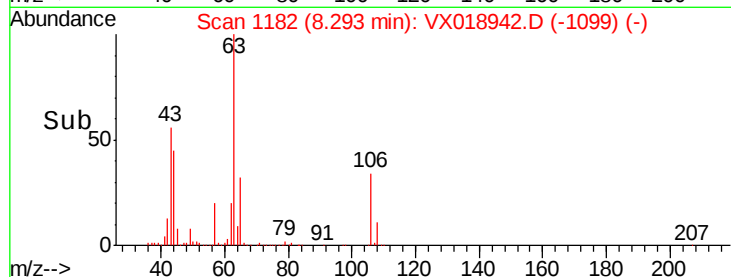
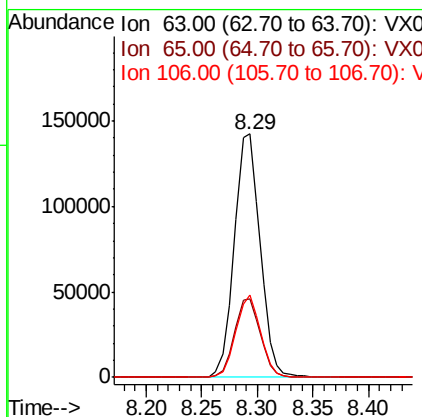
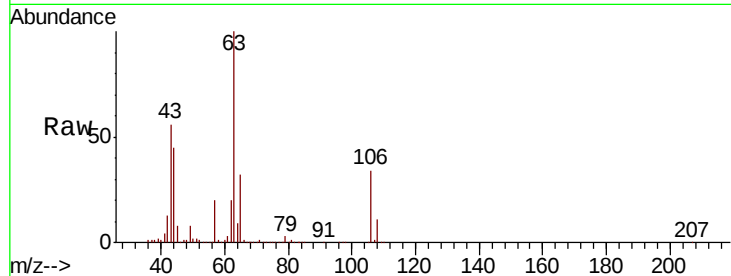




#55
2-Chloroethyl vinyl ether
Concen: 91.852 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

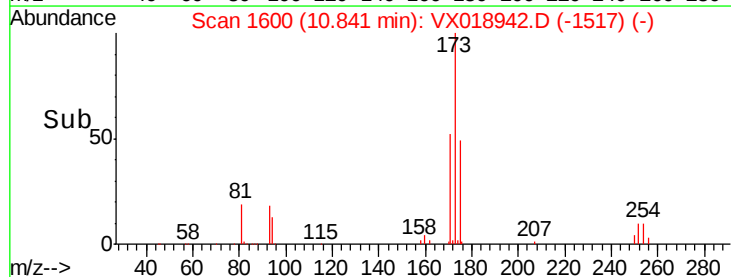
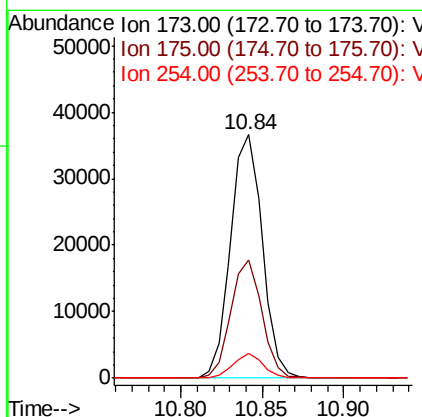
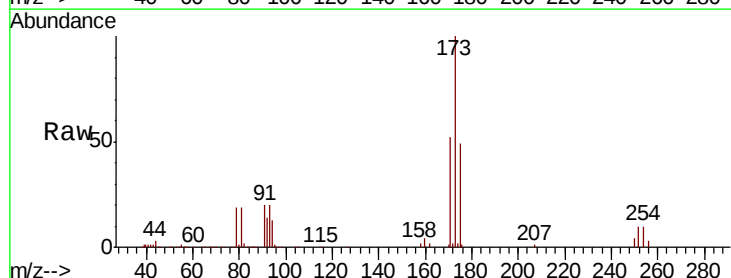
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

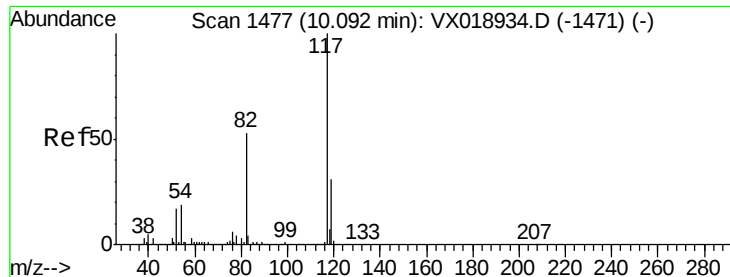
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6
106	32.3	25.3	37.9



#56
Bromoform
Concen: 18.077 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.2	58.8
254	9.2	7.5	11.3

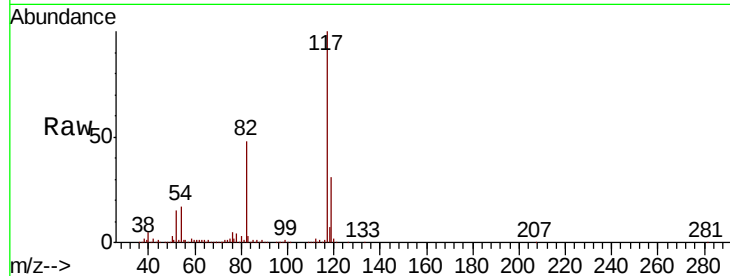




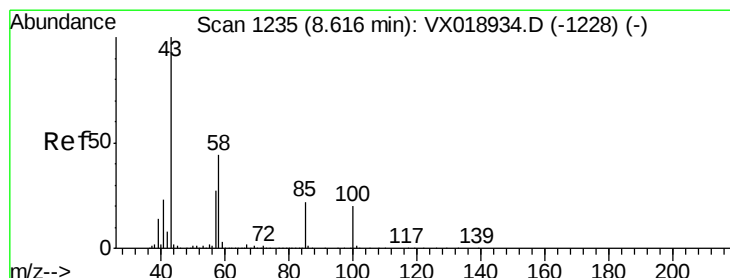
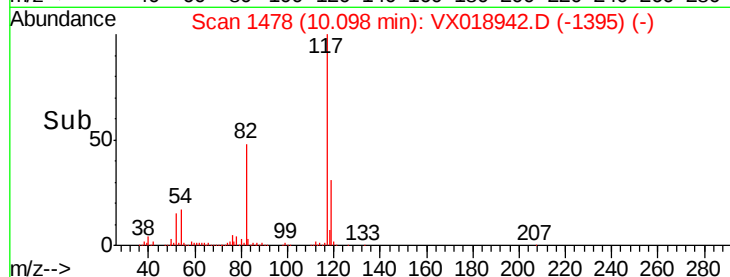
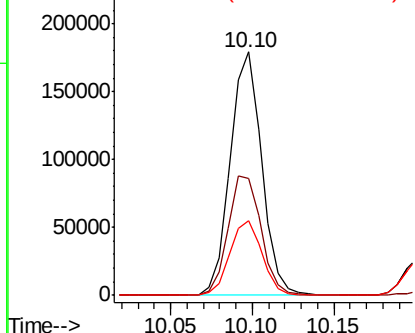
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tot Ion:117 Resp: 241048
Ion Ratio Lower Upper
117 100
82 51.8 41.6 62.4
119 31.4 25.7 38.5

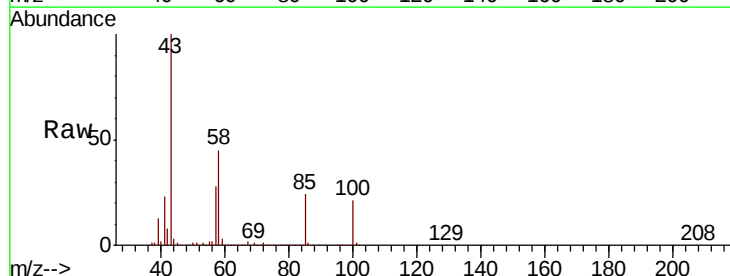


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

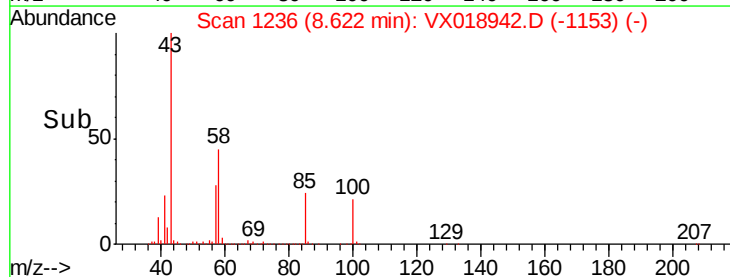
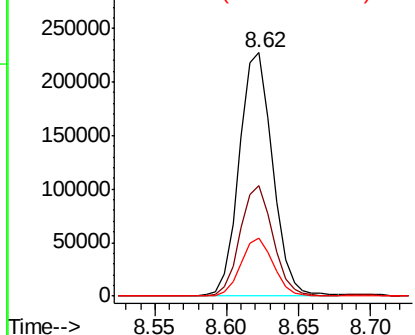


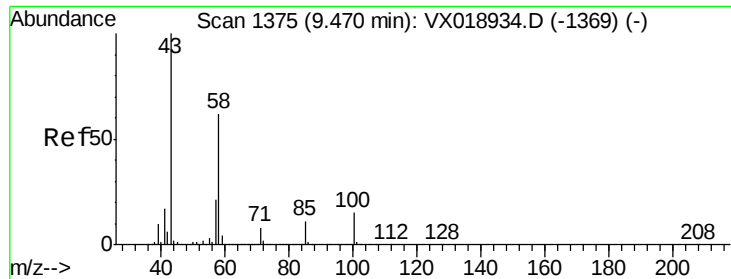
#58
4-Methyl-2-Pentanone
Concen: 94.618 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 43 Resp: 363949
Ion Ratio Lower Upper
43 100
58 44.9 35.4 53.2
85 23.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

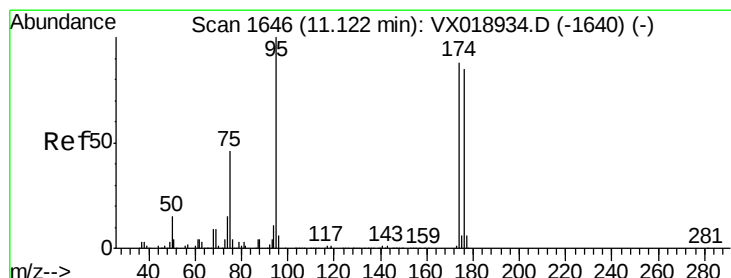
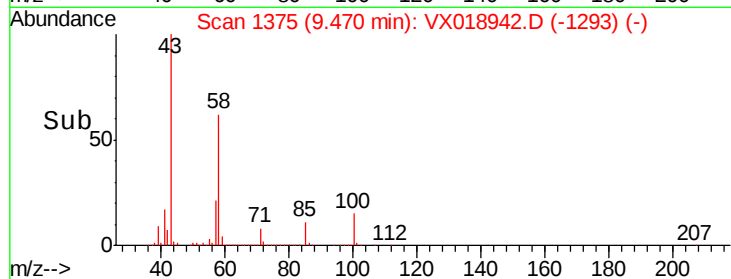
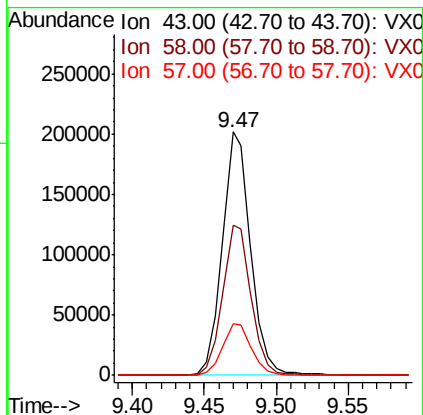
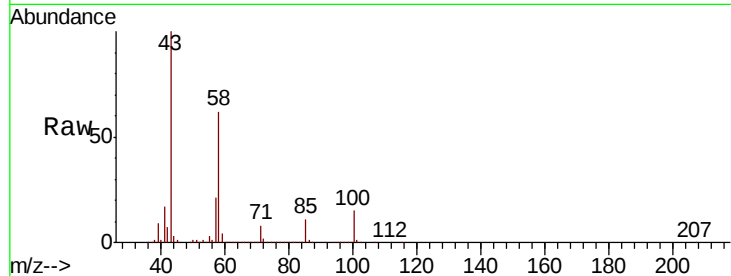




#59
2-Hexanone
Concen: 94.302 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

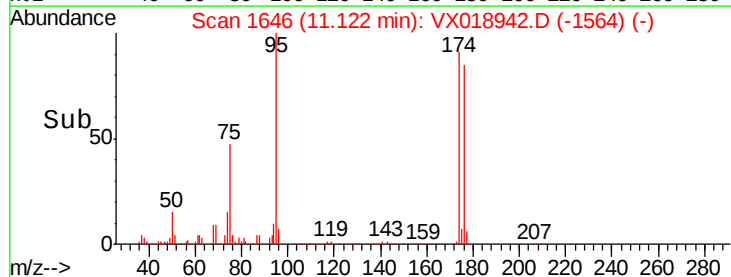
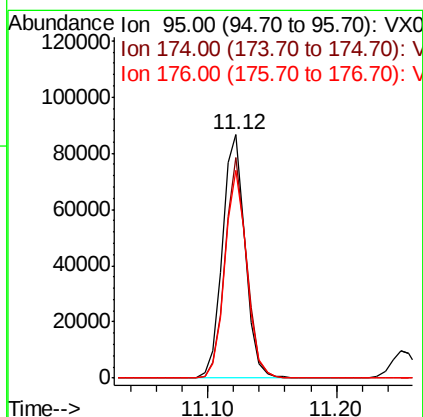
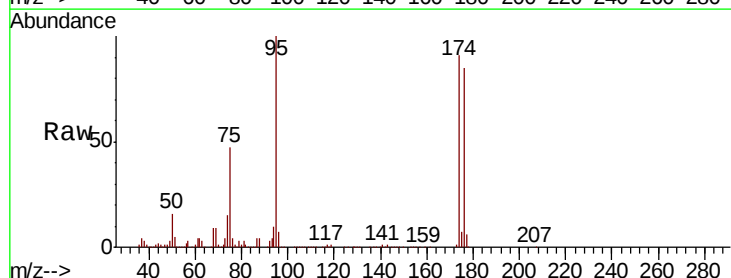
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

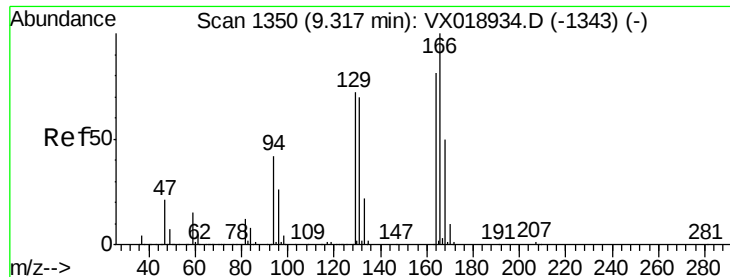
Tot Ion: 43 Resp: 277743
Ion Ratio Lower Upper
43 100
58 62.5 49.7 74.5
57 21.4 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 28.714 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 95 Resp: 107757
Ion Ratio Lower Upper
95 100
174 86.0 67.0 100.4
176 83.0 64.5 96.7





#61

Tetrachloroethene

Concen: 18.051 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

Tot Ion:164 Resp: 53506

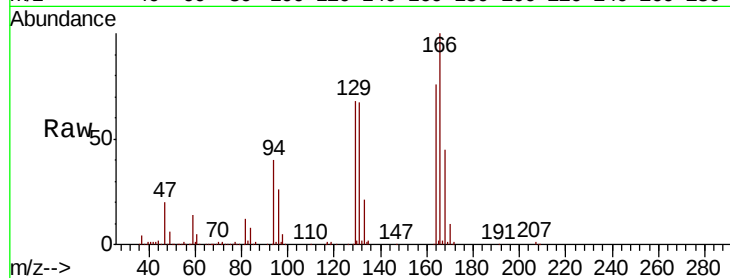
Ion Ratio Lower Upper

164 100

166 132.2 99.4 149.0

129 90.5 71.8 107.6

131 88.4 69.8 104.6

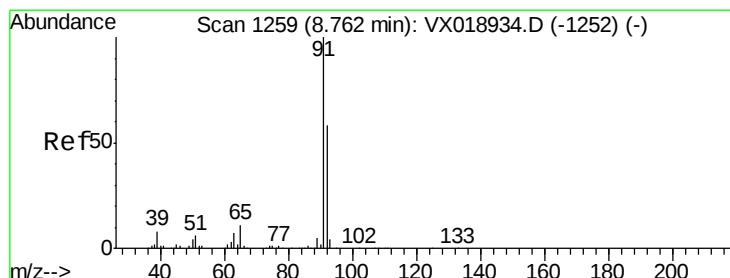
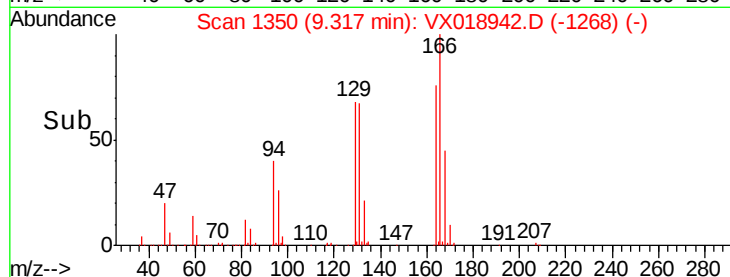
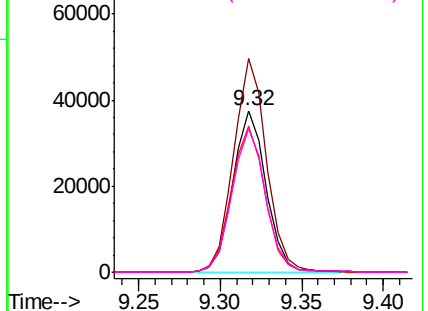


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.498 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018942.D

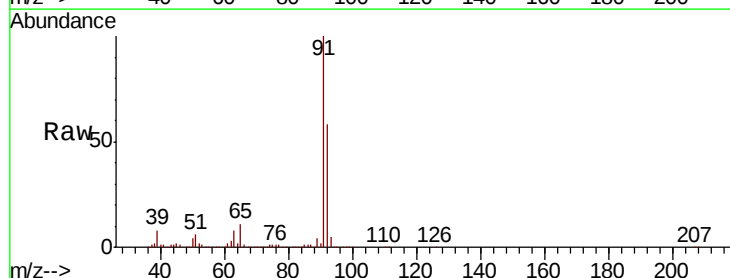
Acq: 15 Oct 2020 19:07

Tgt Ion: 91 Resp: 238919

Ion Ratio Lower Upper

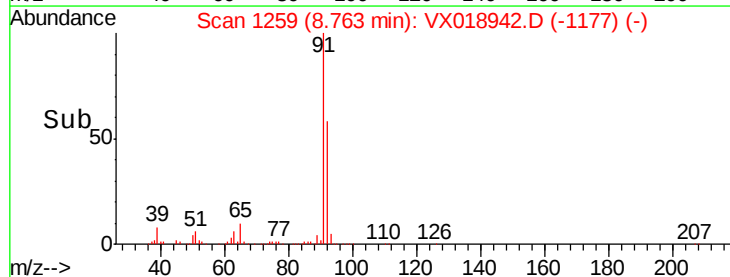
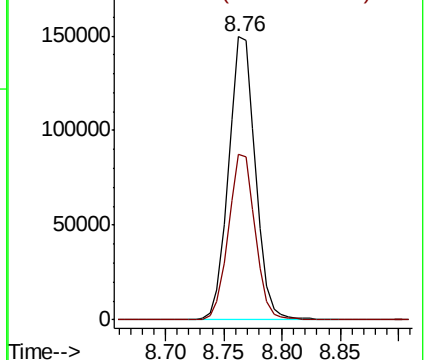
91 100

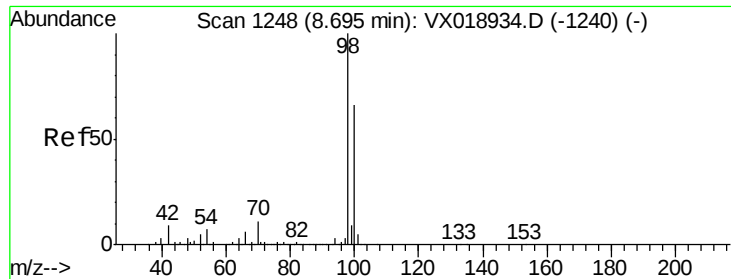
92 58.7 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.821 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

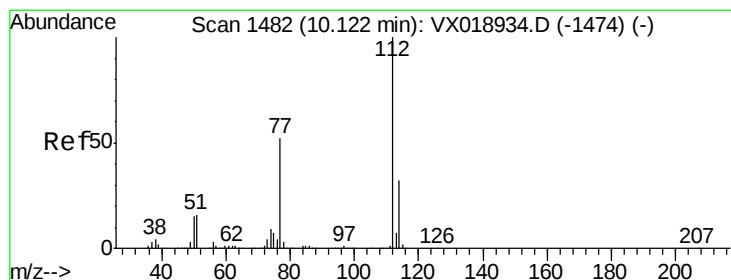
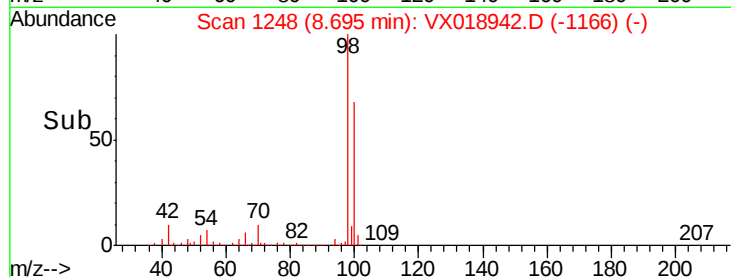
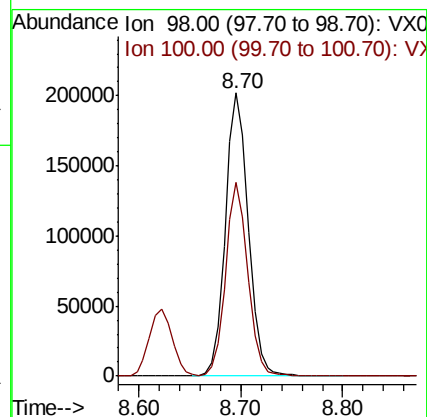
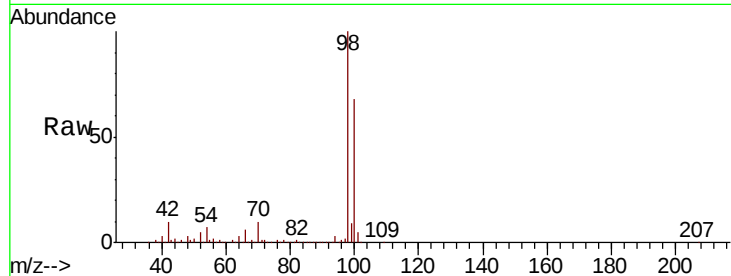
VX1015WBS01

Tot Ion: 98 Resp: 314013

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



#64

Chlorobenzene

Concen: 18.043 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018942.D

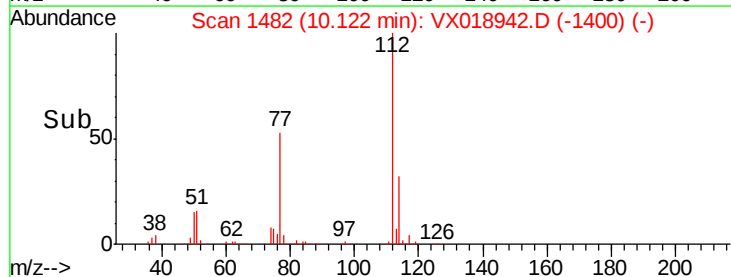
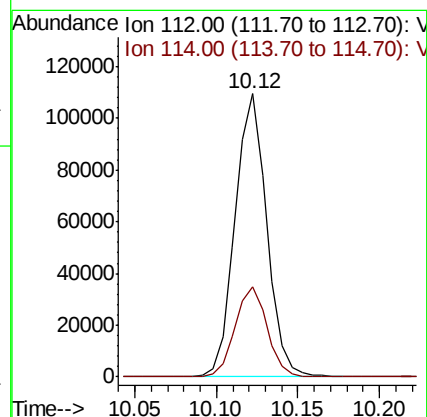
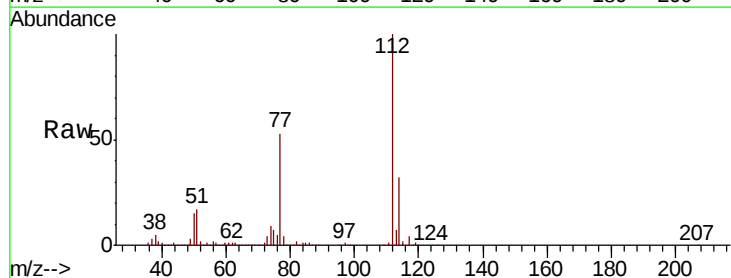
Acq: 15 Oct 2020 19:07

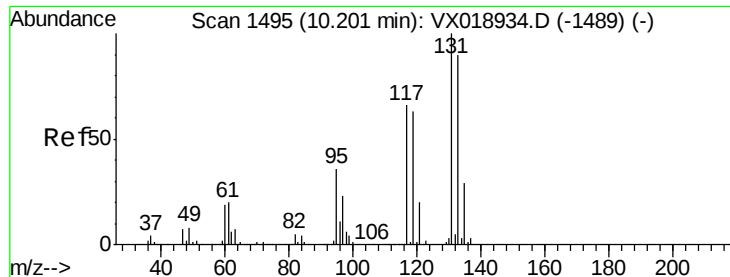
Tgt Ion: 112 Resp: 148238

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.282 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

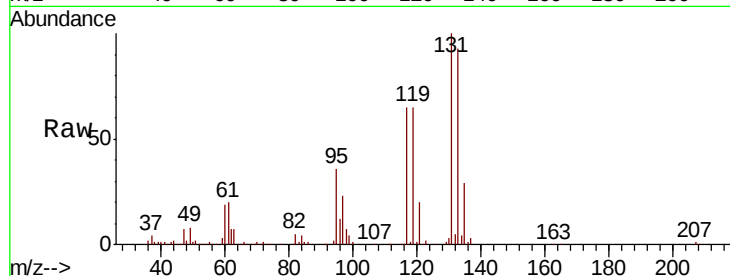
Tot Ion:131 Resp: 58301

Ion Ratio Lower Upper

131 100

133 94.6 0.0 188.8

119 65.7 0.0 127.2

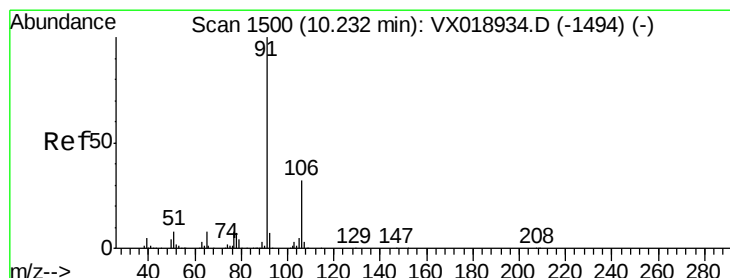
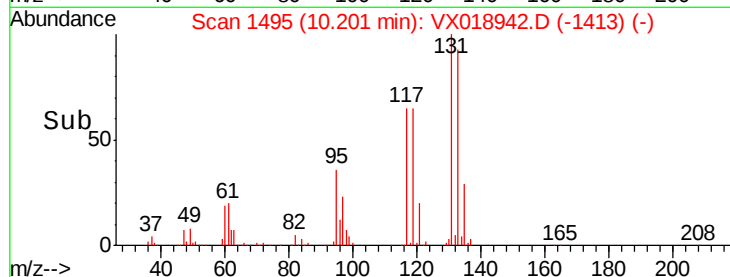
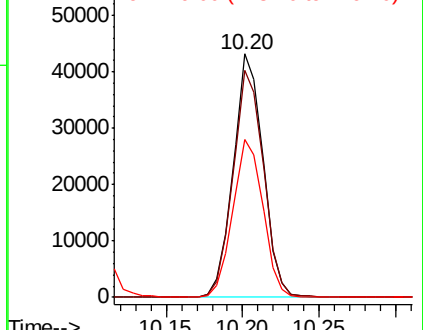


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.025 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018942.D

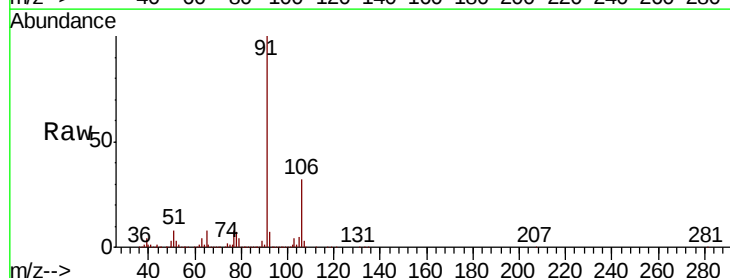
Acq: 15 Oct 2020 19:07

Tgt Ion: 91 Resp: 258011

Ion Ratio Lower Upper

91 100

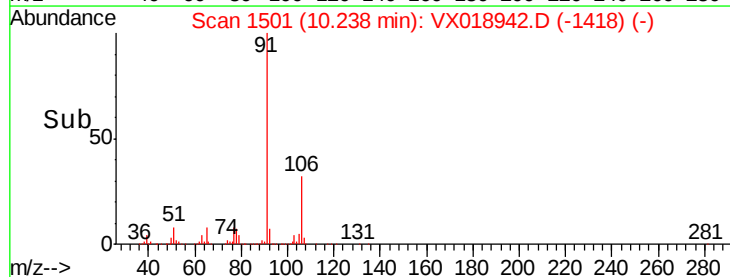
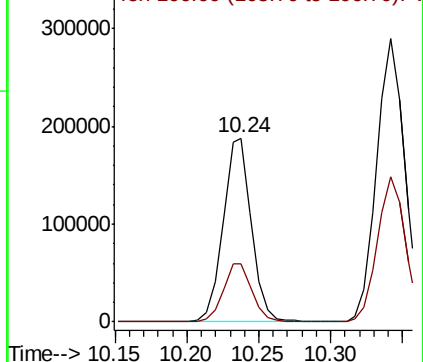
106 31.9 25.3 37.9

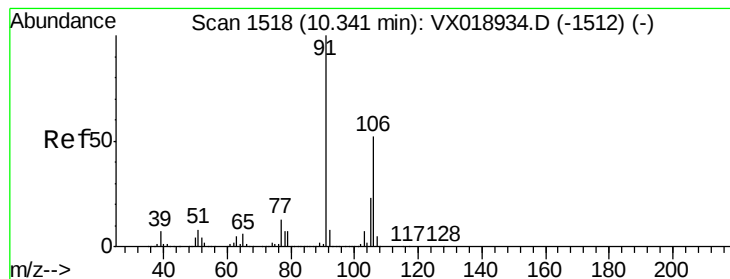


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 35.686 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

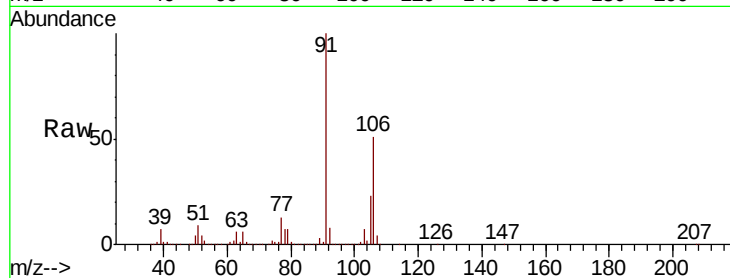
VX1015WBS01

Tot Ion:106 Resp: 200134

Ion Ratio Lower Upper

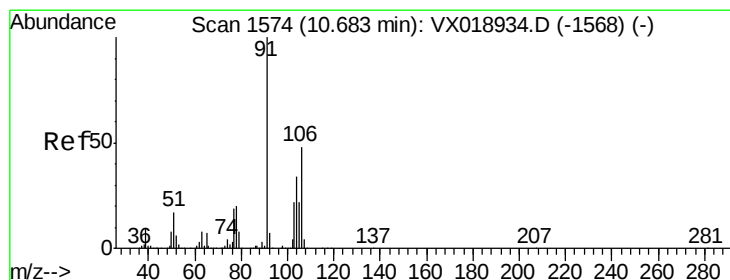
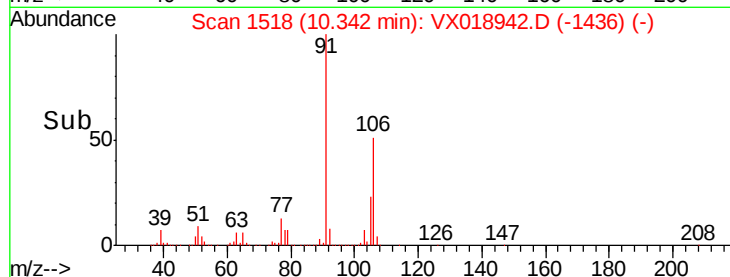
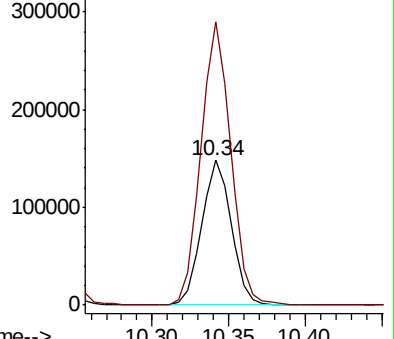
106 100

91 195.1 155.7 233.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.162 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018942.D

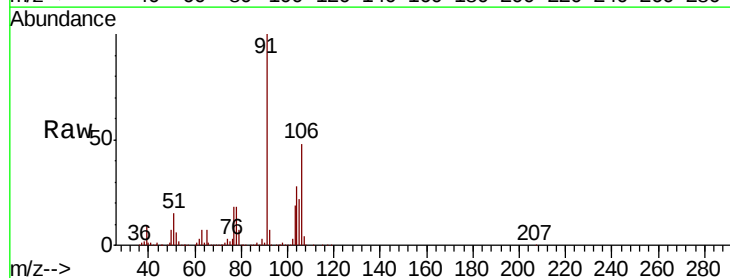
Acq: 15 Oct 2020 19:07

Tgt Ion:106 Resp: 96327

Ion Ratio Lower Upper

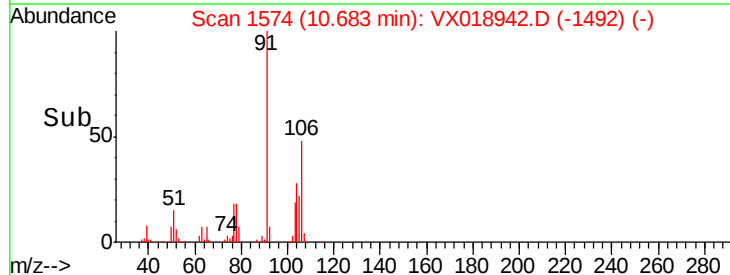
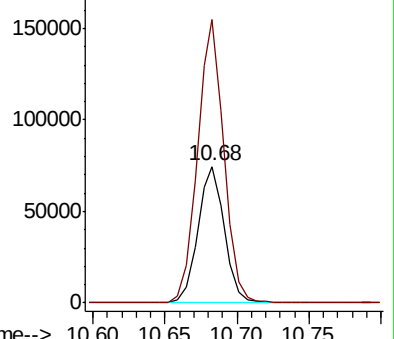
106 100

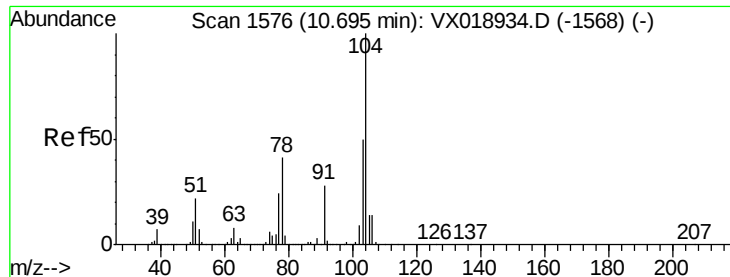
91 204.8 103.3 309.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 17.514 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

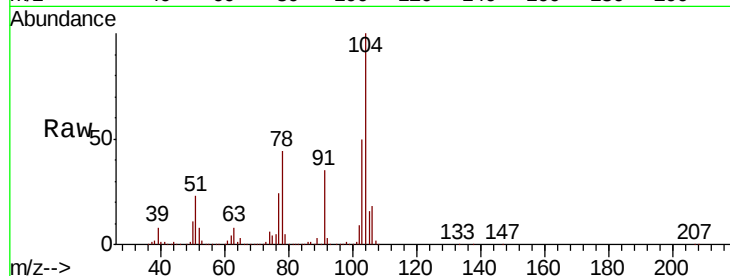
Tot Ion:104 Resp: 159679

Ion Ratio Lower Upper

104 100

78 47.7 37.8 56.6

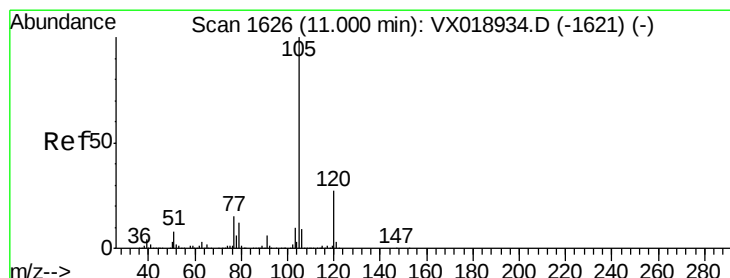
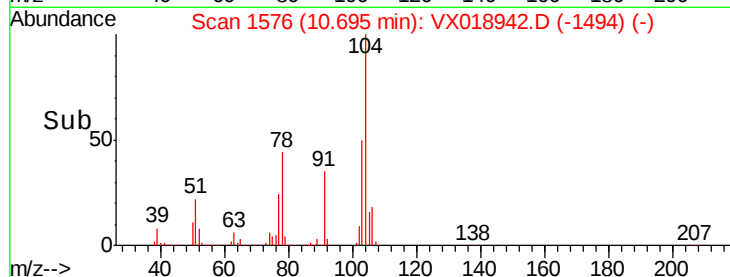
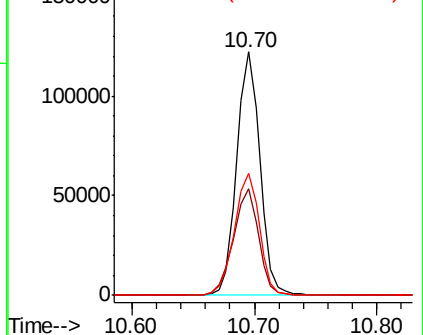
103 54.3 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.047 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018942.D

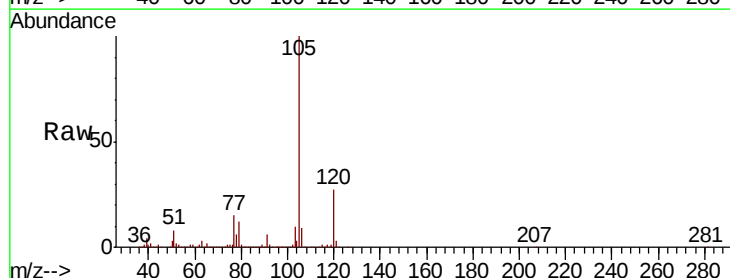
Acq: 15 Oct 2020 19:07

Tgt Ion:105 Resp: 254314

Ion Ratio Lower Upper

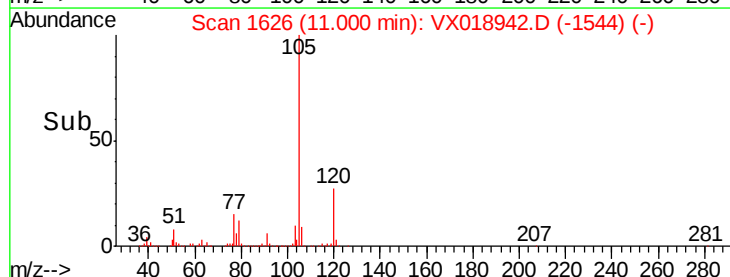
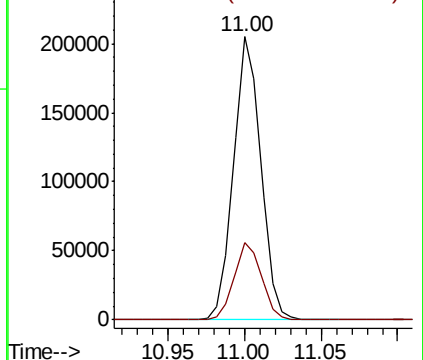
105 100

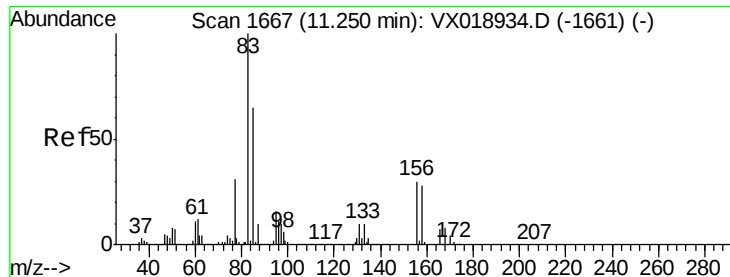
120 27.5 19.4 36.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.466 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

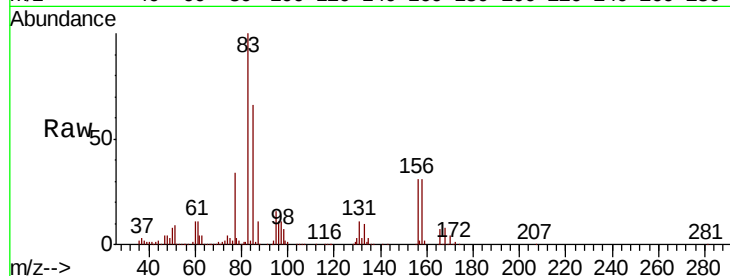
Tot Ion: 83 Resp: 81055

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

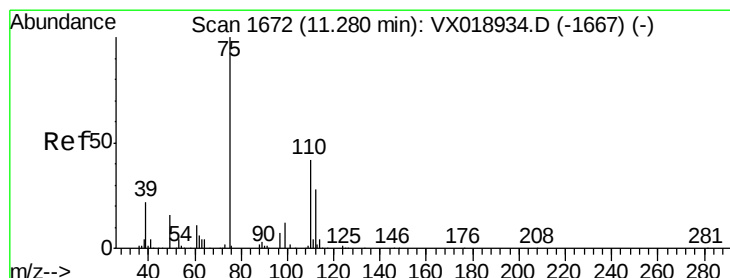
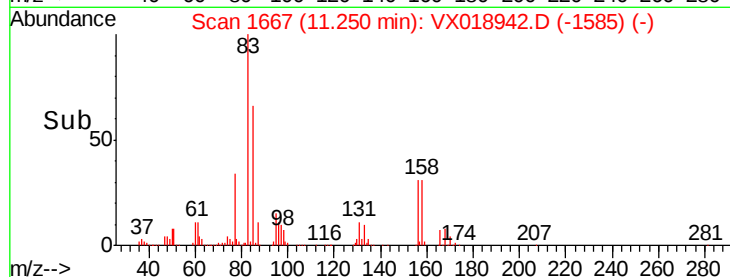
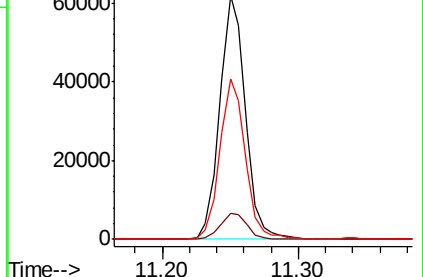
85 65.1 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 23.487 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018942.D

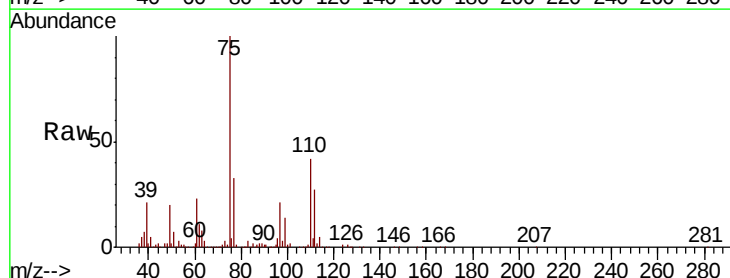
Acq: 15 Oct 2020 19:07

Tgt Ion: 75 Resp: 96320

Ion Ratio Lower Upper

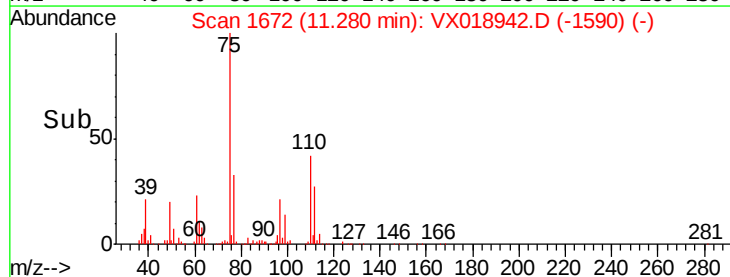
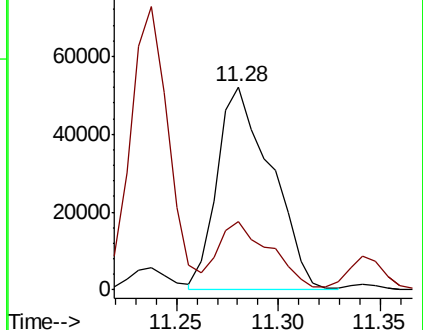
75 100

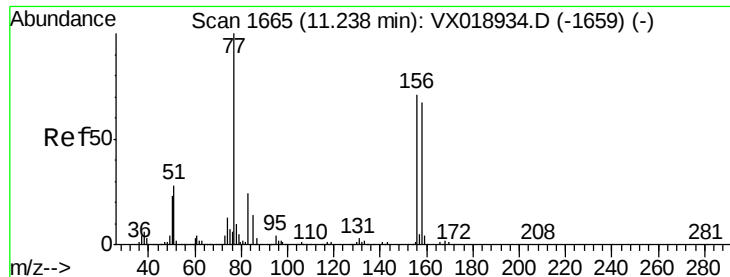
77 32.5 0.0 75.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.565 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

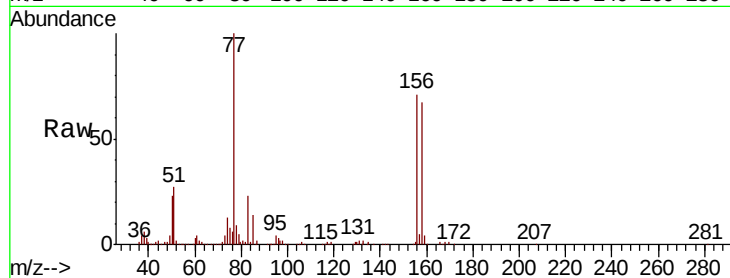
Tot Ion:156 Resp: 63734

Ion Ratio Lower Upper

156 100

77 147.8 0.0 288.2

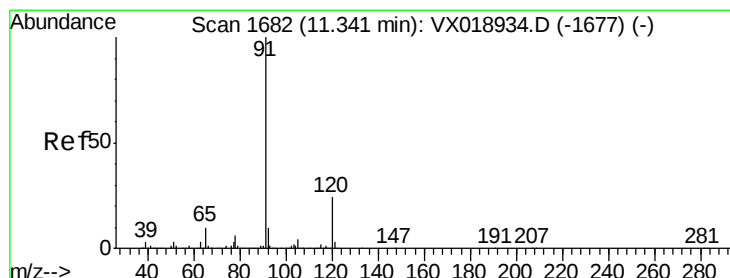
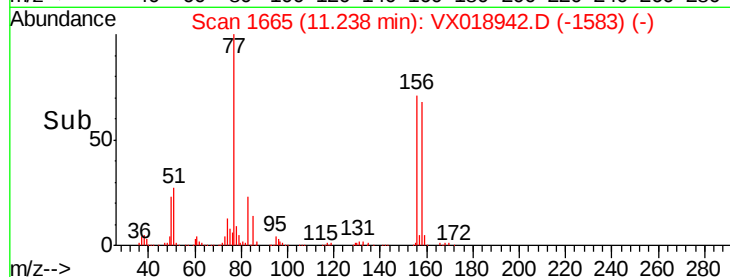
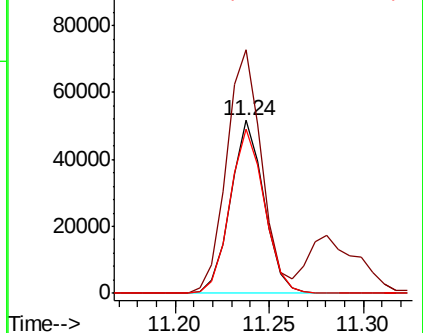
158 97.8 0.0 189.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.460 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018942.D

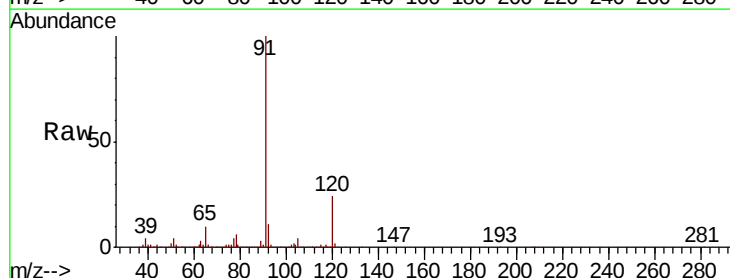
Acq: 15 Oct 2020 19:07

Tgt Ion: 91 Resp: 280268

Ion Ratio Lower Upper

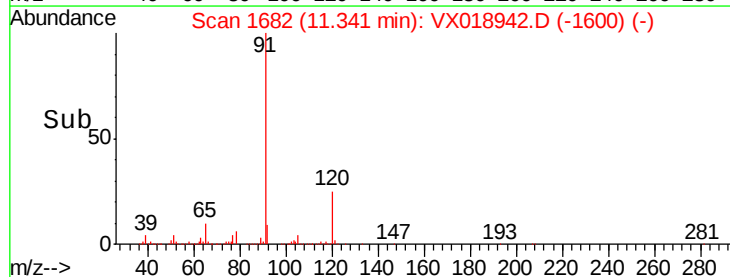
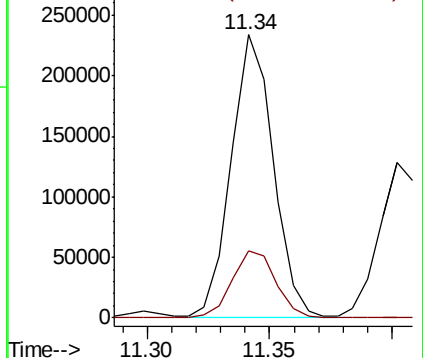
91 100

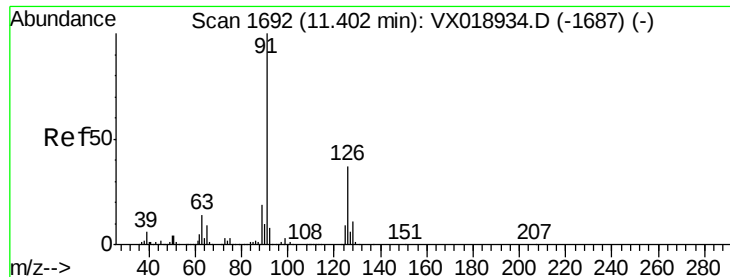
120 24.6 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.679 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

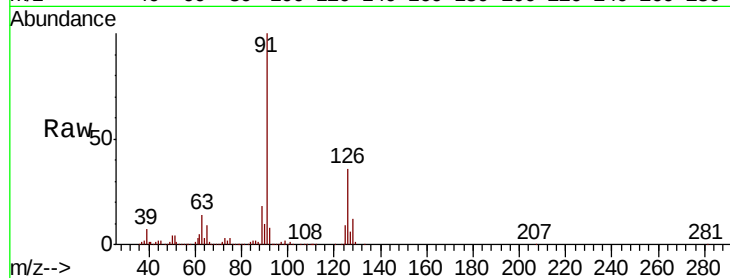
VX1015WBS01

Tot Ion: 91 Resp: 164036

Ion Ratio Lower Upper

91 100

126 35.6 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX018934.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018934.D (-1687) (-)

250000

200000

150000

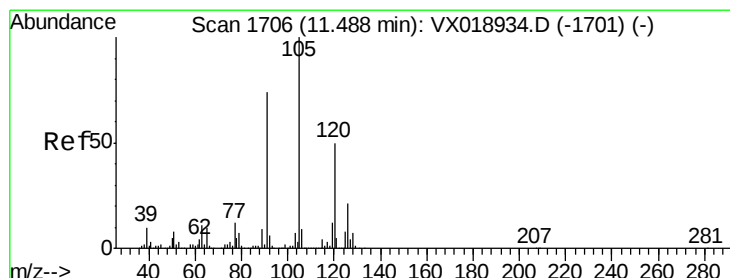
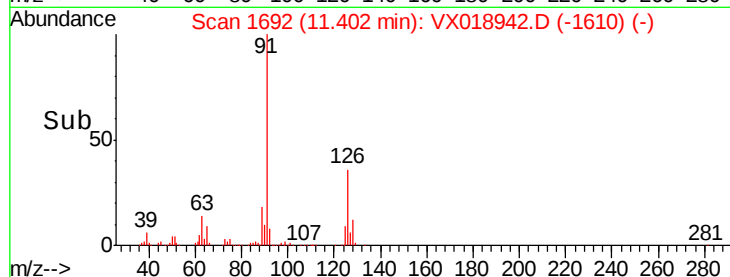
100000

50000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.676 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018942.D

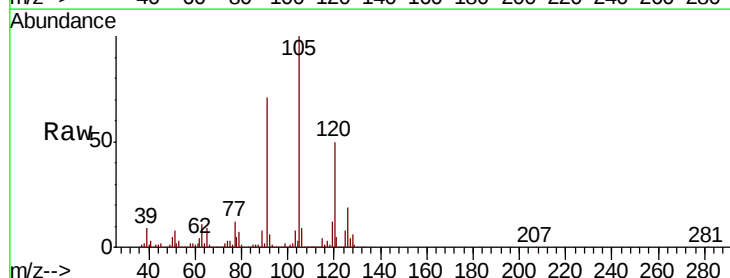
Acq: 15 Oct 2020 19:07

Tgt Ion: 105 Resp: 208591

Ion Ratio Lower Upper

105 100

120 50.1 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VX018934.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018934.D (-1701) (-)

150000

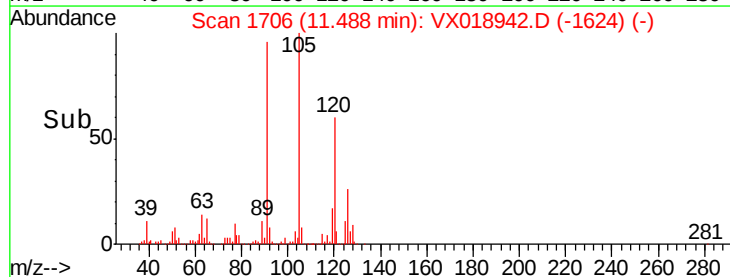
100000

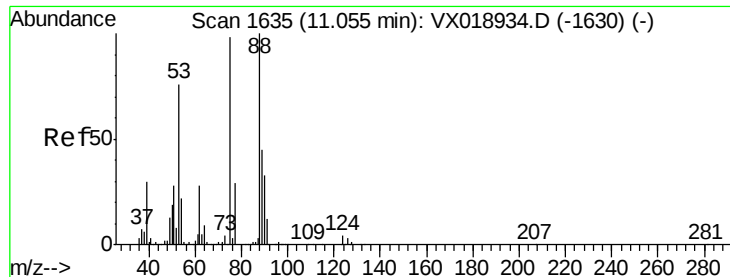
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.456 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

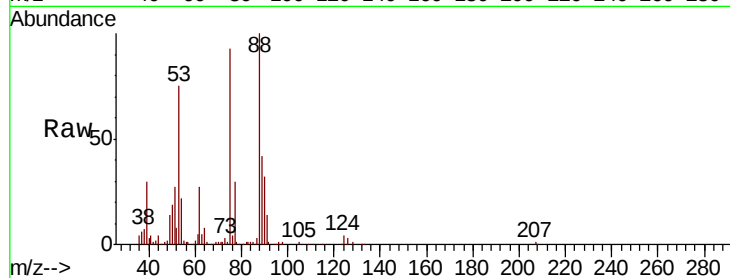
Tot Ion: 75 Resp: 30994

Ion Ratio Lower Upper

75 100

53 80.3 38.8 116.3

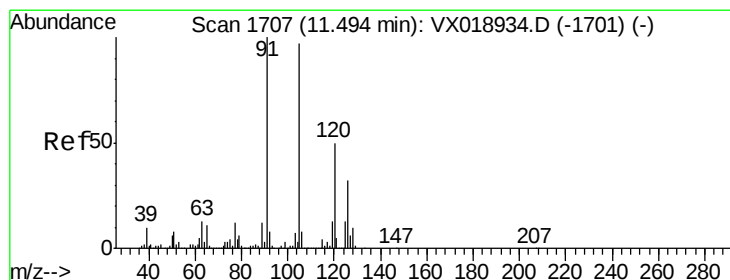
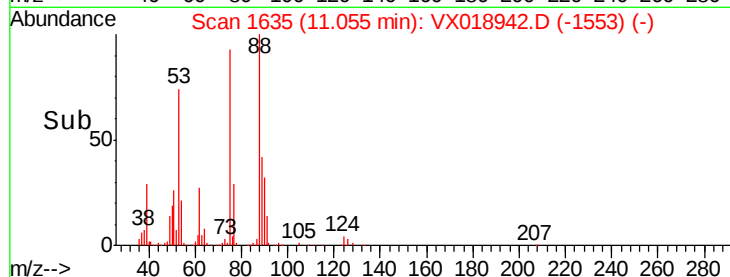
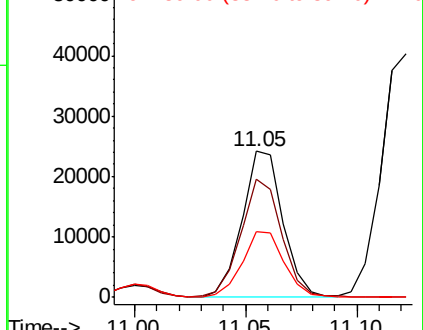
89 44.9 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.498 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018942.D

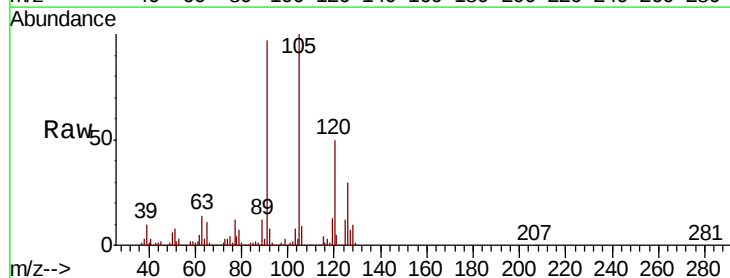
Acq: 15 Oct 2020 19:07

Tgt Ion: 91 Resp: 191160

Ion Ratio Lower Upper

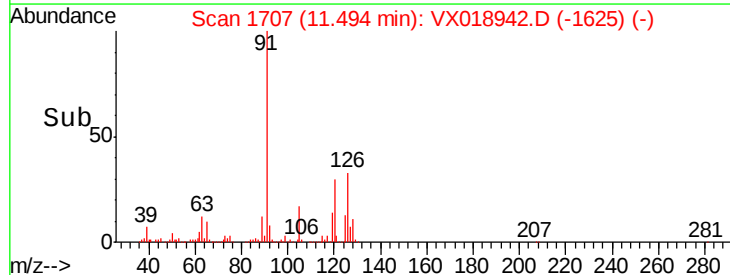
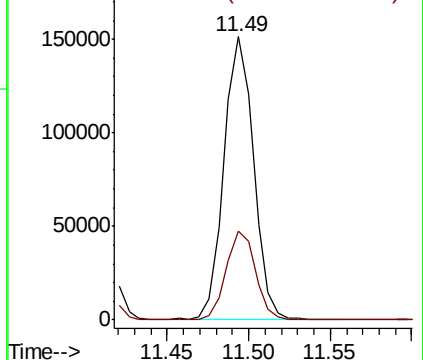
91 100

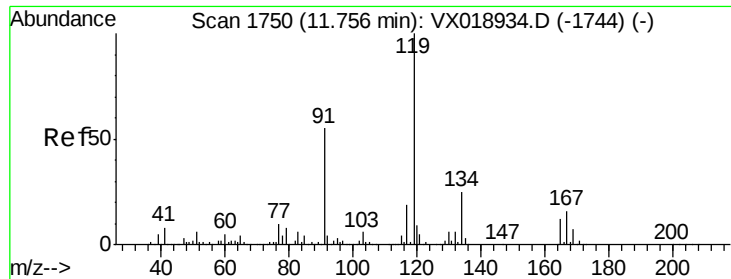
126 31.2 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

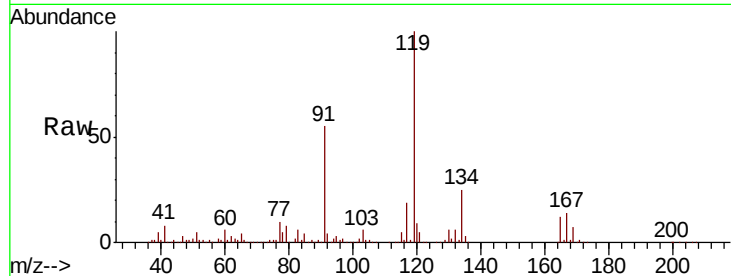




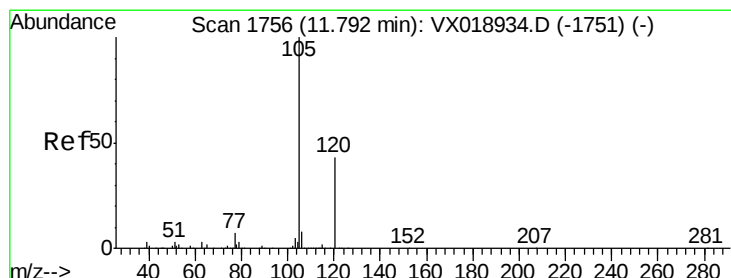
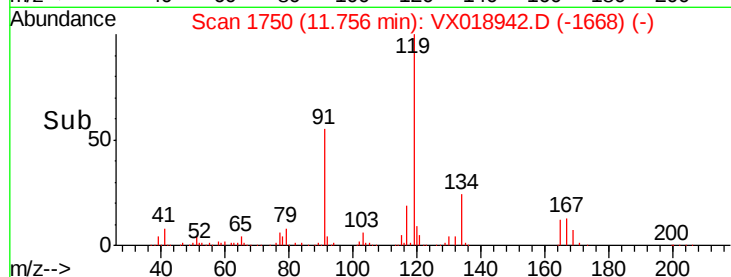
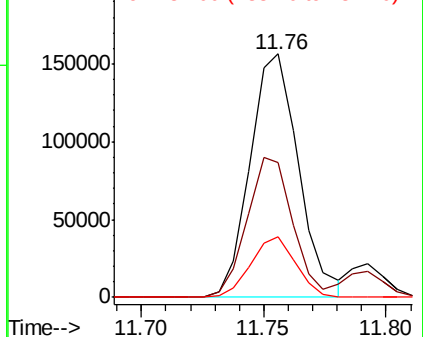
#79
tert-butylbenzene
Concen: 18.028 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.9	0.0	110.0
134	23.3	0.0	47.4

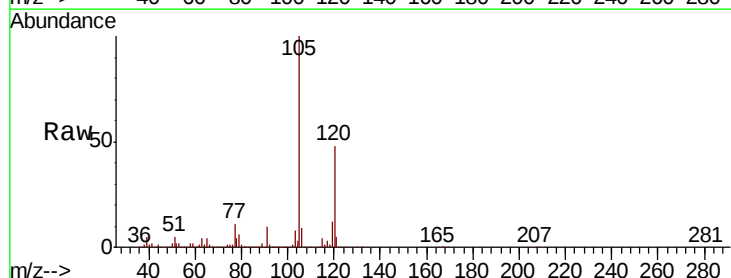


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

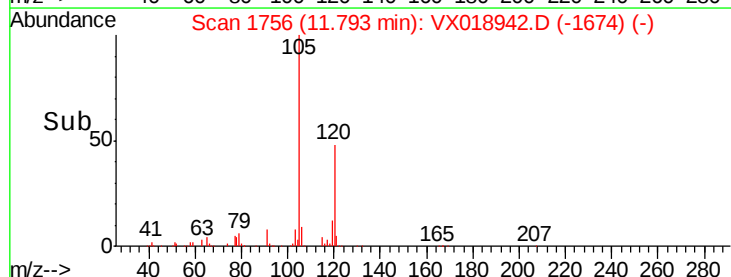
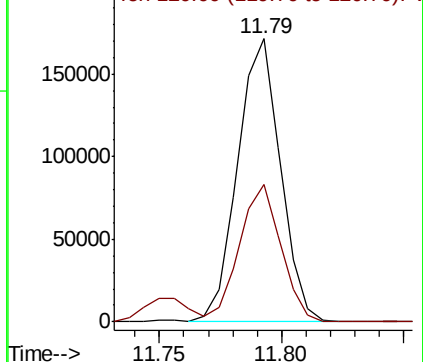


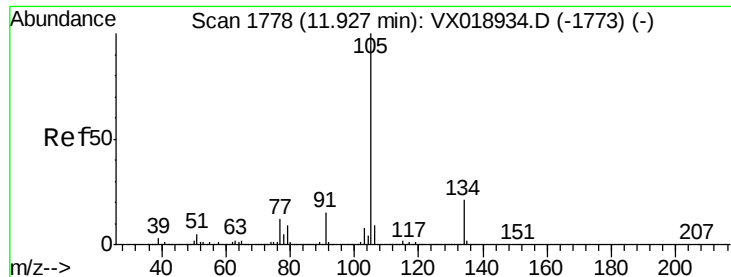
#80
1,2,4-Trimethylbenzene
Concen: 17.740 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	0.0	93.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 17.655 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

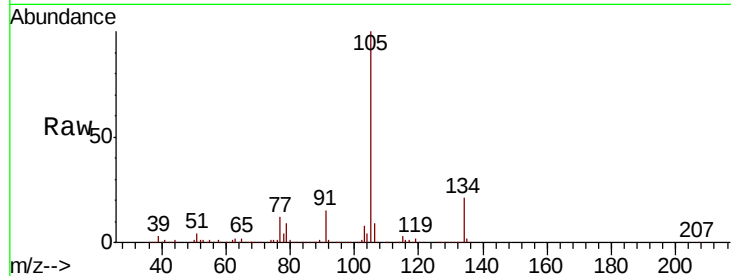
VX1015WBS01

Tot Ion:105 Resp: 241981

Ion Ratio Lower Upper

105 100

134 21.1 0.0 42.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

200000

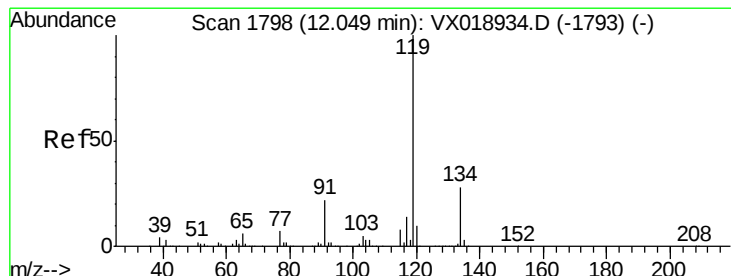
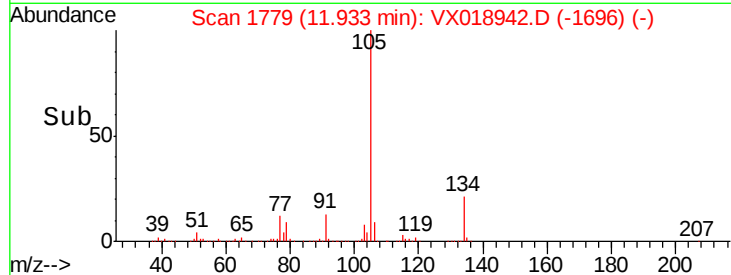
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 17.510 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

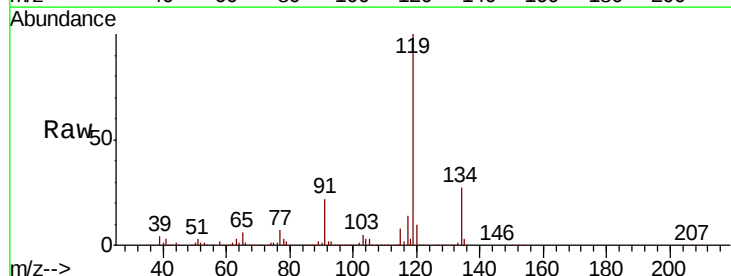
Tgt Ion:119 Resp: 223726

Ion Ratio Lower Upper

119 100

134 27.1 0.0 54.8

91 22.8 0.0 45.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

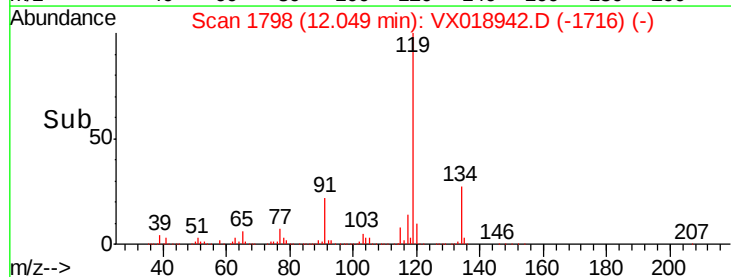
150000

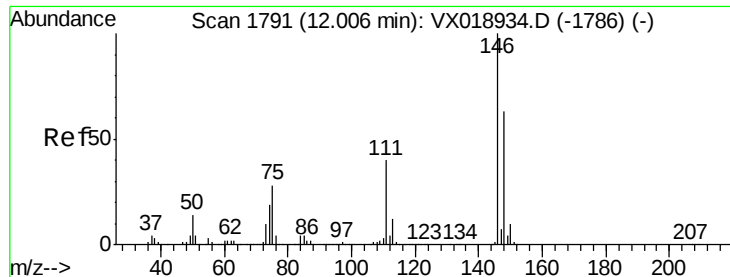
100000

50000

0

Time-->

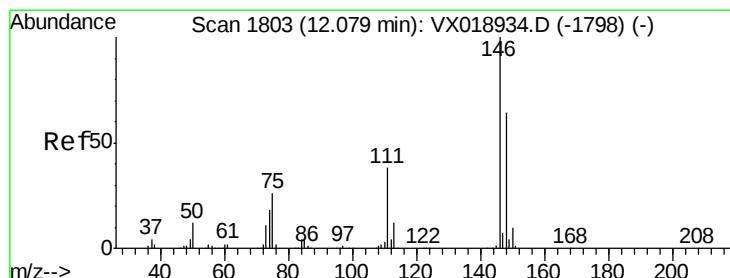
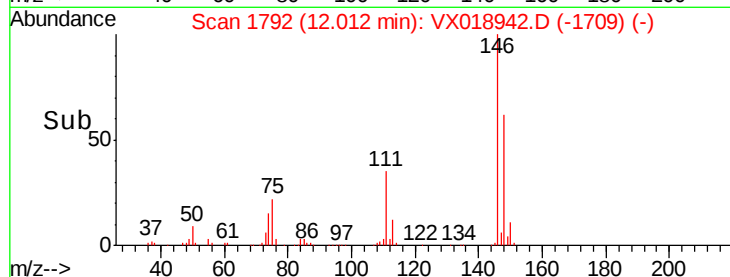
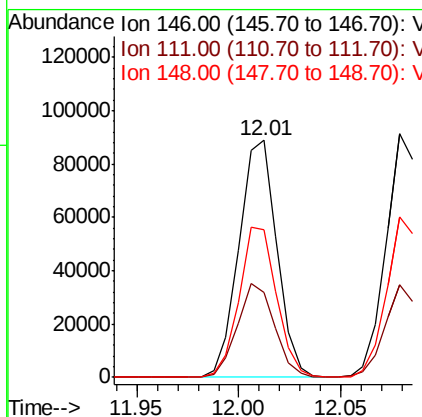
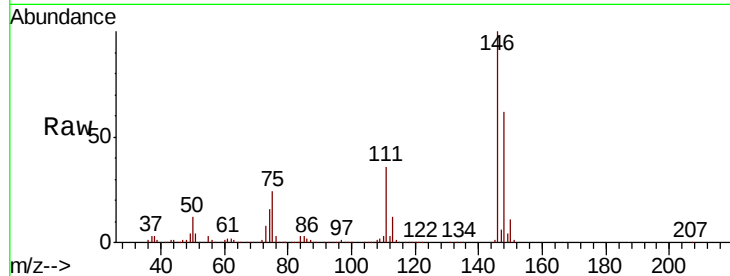




#83
 1,3-Dichlorobenzene
 Concen: 17.804 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

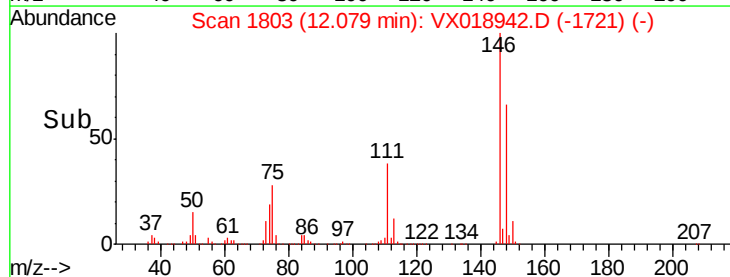
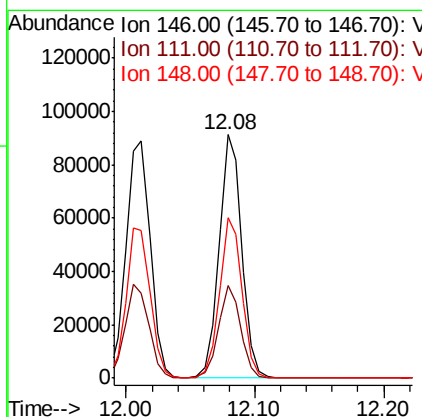
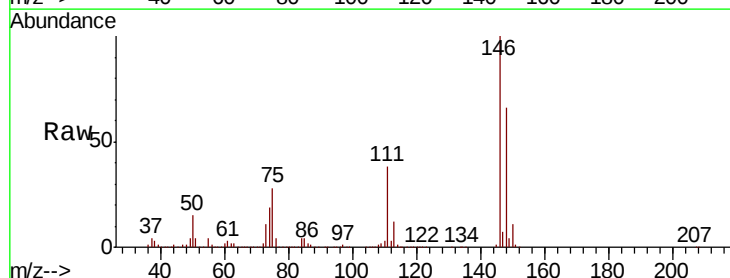
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

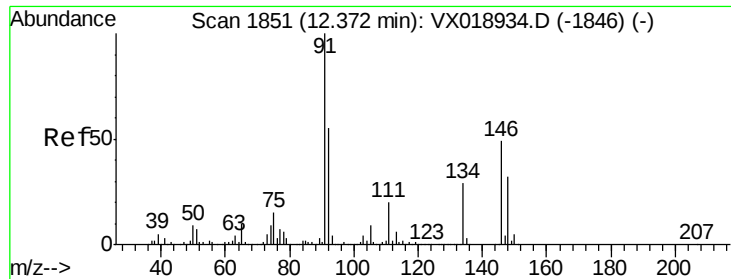
Tot Ion:146 Resp: 114927
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.7
 148 62.5 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 17.418 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018942.D
 Acq: 15 Oct 2020 19:07

Tgt Ion:146 Resp: 113346
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.6
 148 65.0 32.1 96.5

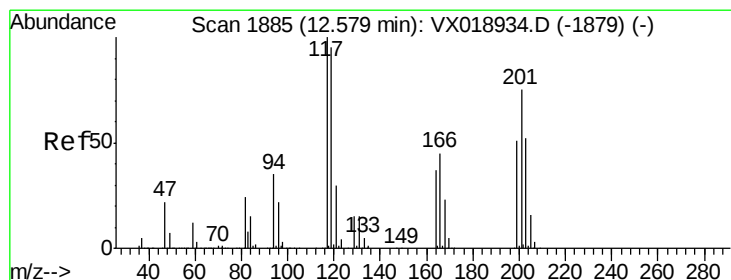
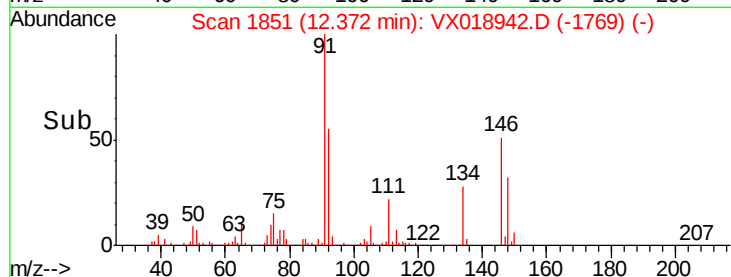
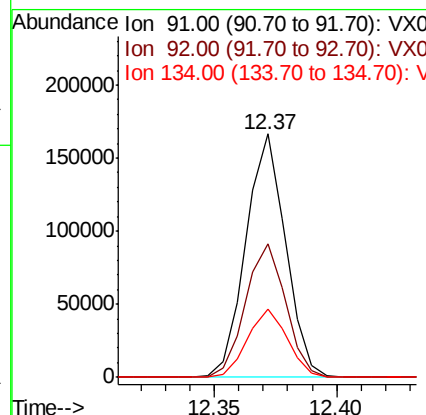
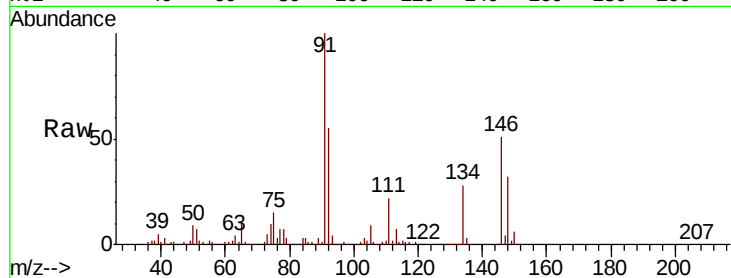




#85
n-Butylbenzene
Concen: 16.493 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

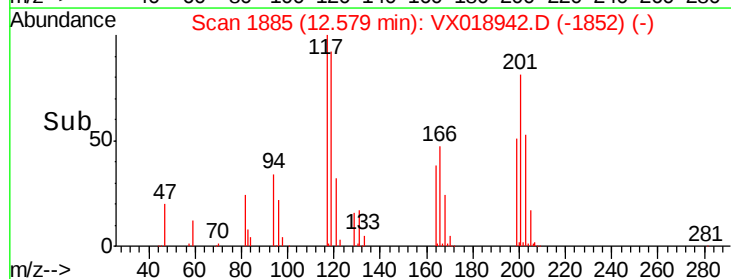
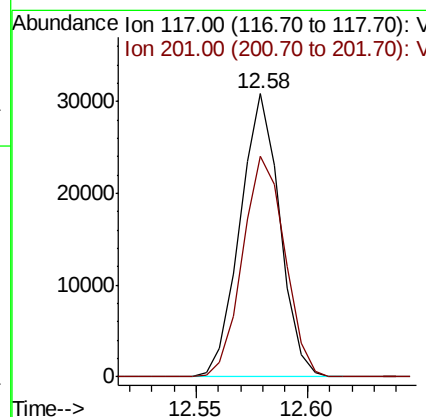
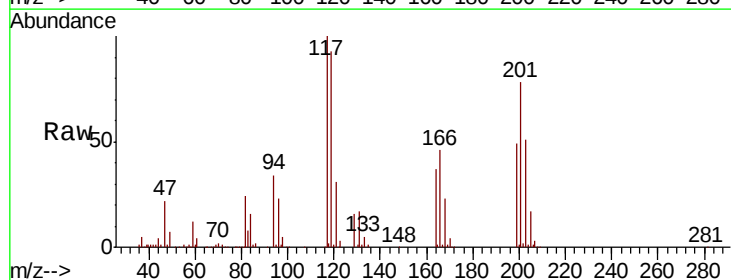
Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

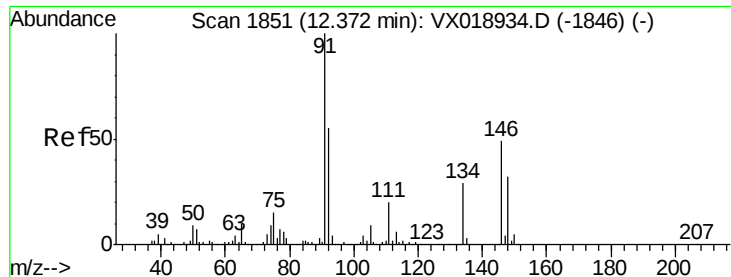
Tot Ion: 91 Resp: 188570
Ion Ratio Lower Upper
91 100
92 55.3 0.0 109.6
134 28.3 0.0 56.4



#86
Hexachloroethane
Concen: 17.735 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 117 Resp: 38442
Ion Ratio Lower Upper
117 100
201 82.9 38.9 116.6





#87

1,2-Dichlorobenzene

Concen: 17.680 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

VX1015WBS01

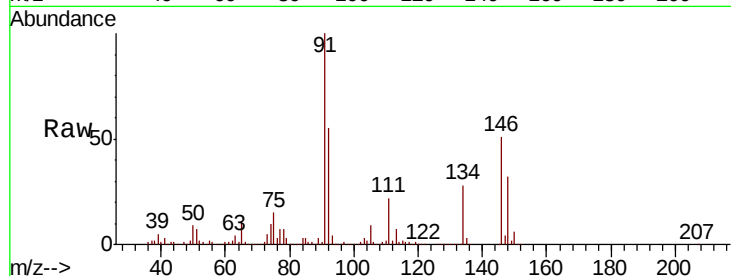
Tot Ion:146 Resp: 110474

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.6

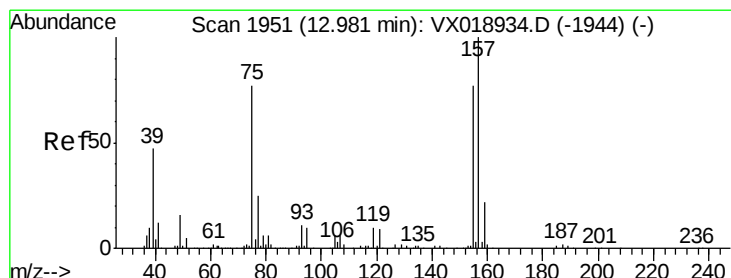
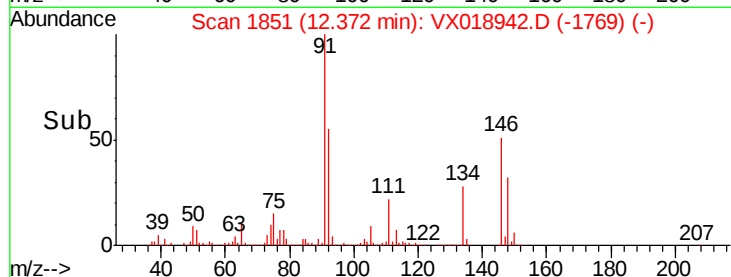
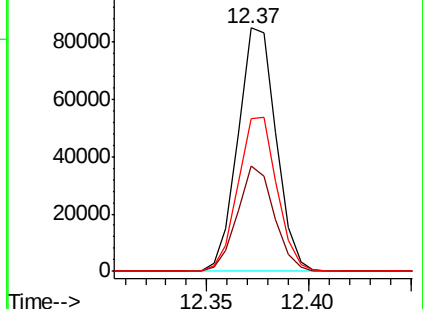
148 64.3 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.776 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

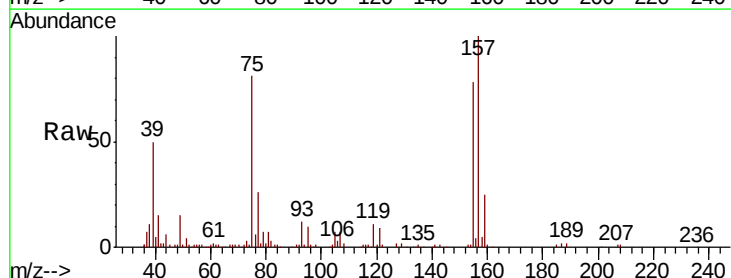
Tgt Ion: 75 Resp: 19952

Ion Ratio Lower Upper

75 100

155 99.1 79.3 118.9

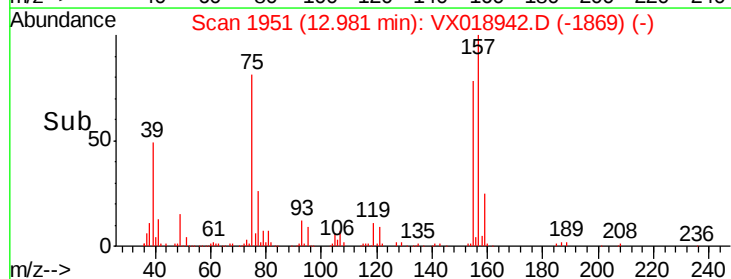
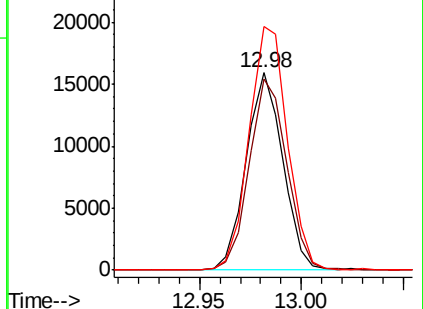
157 128.9 104.2 156.4

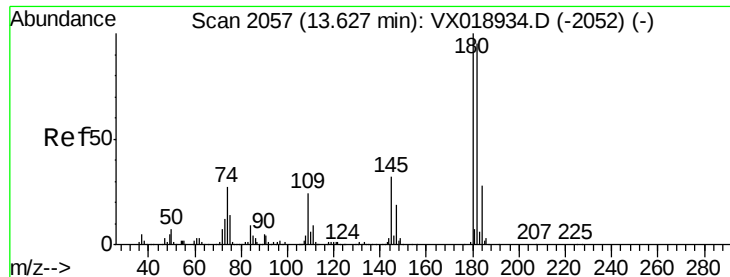


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#89

1,2,4-Trichlorobenzene

Concen: 16.420 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBS01

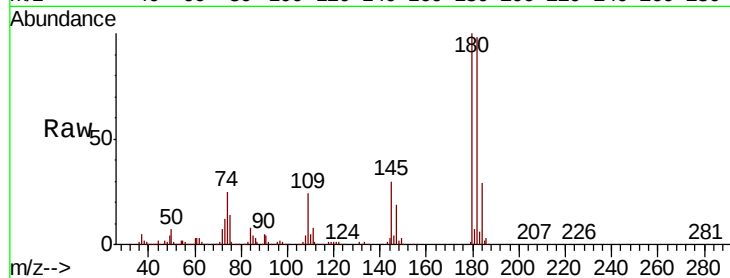
Tot Ion:180 Resp: 74924

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.2

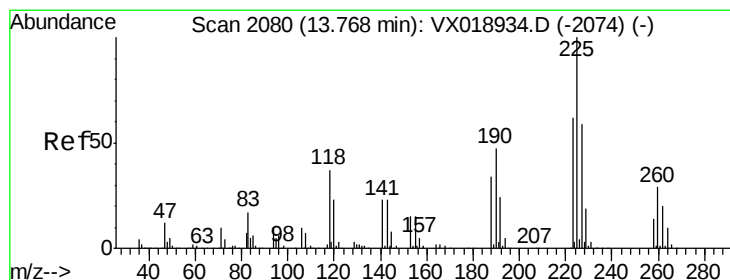
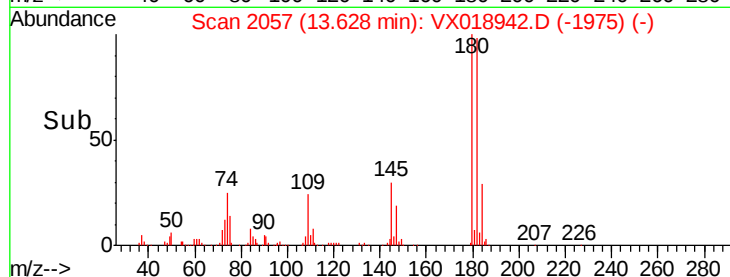
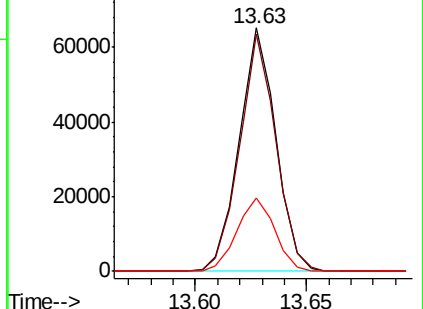
145 31.2 24.8 37.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 17.682 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018942.D

Acq: 15 Oct 2020 19:07

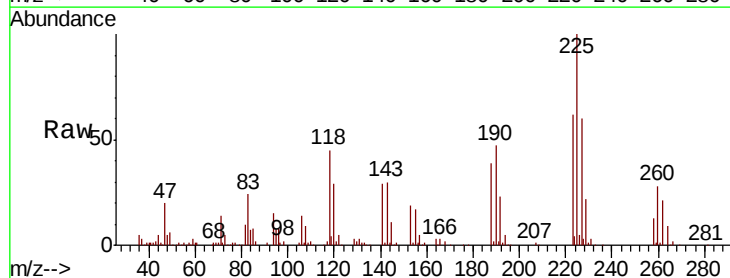
Tgt Ion:225 Resp: 33704

Ion Ratio Lower Upper

225 100

223 60.6 0.0 128.8

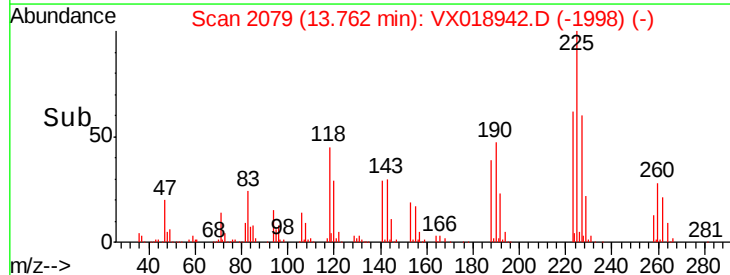
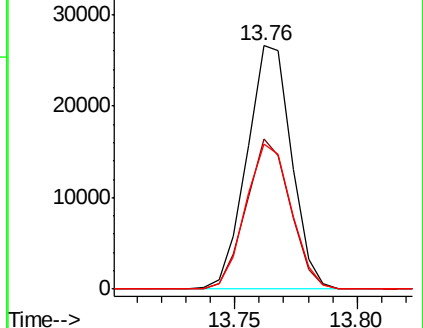
227 61.1 0.0 123.2

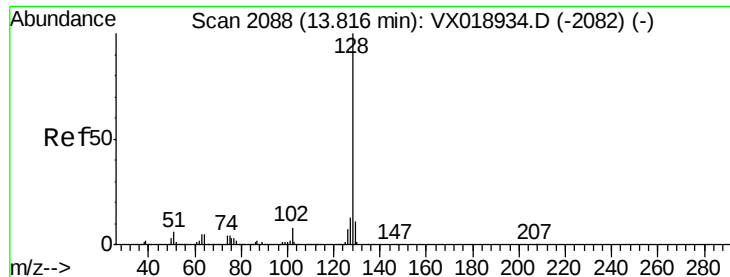


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

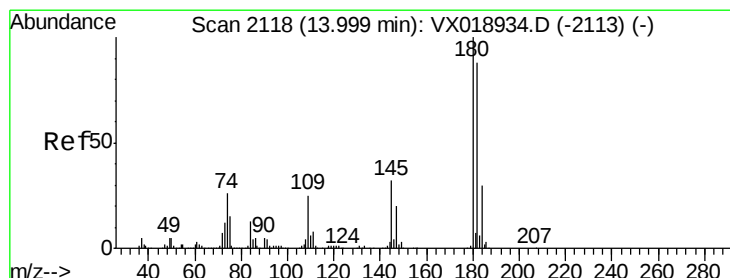
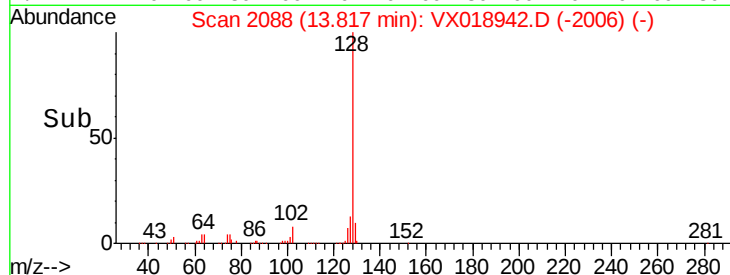
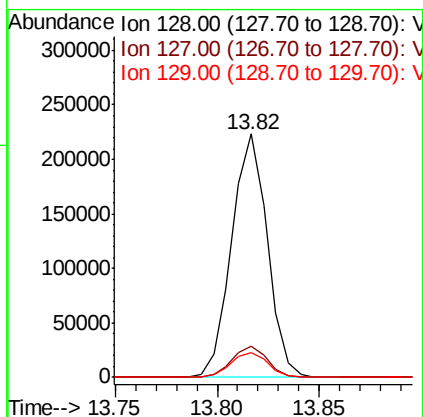
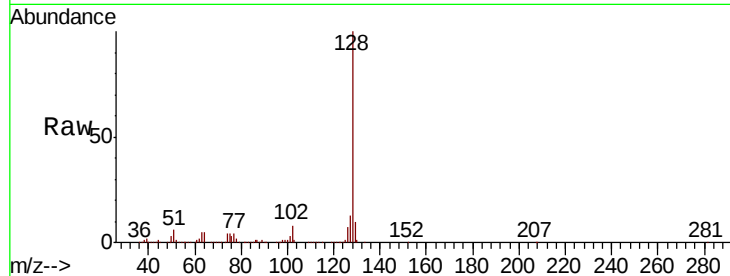




#91
Naphthalene
Concen: 18.122 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBS01

Tot Ion:128 Resp: 269666
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 17.450 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018942.D
Acq: 15 Oct 2020 19:07

Tgt Ion:180 Resp: 77641
Ion Ratio Lower Upper
180 100
182 96.6 0.0 190.8
145 32.3 0.0 64.4

