

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
 Data File : VX019907.D
 Acq On : 12 Dec 2020 05:00
 Operator : JC/MD
 Sample : VX1211WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

Quant Time: Dec 12 05:41:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	255732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	393514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	168385	50.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.20%
35) Dibromofluoromethane	5.46	113	134253	48.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.84%
50) Toluene-d8	8.70	98	513538	49.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.02%
62) 4-Bromofluorobenzene	11.12	95	189106	47.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	42859	18.305	ug/l	100
3) Chloromethane	1.31	50	48907	17.762	ug/l	99
4) Vinyl Chloride	1.39	62	56452	19.444	ug/l	100
5) Bromomethane	1.62	94	32962	34.192	ug/l	98
6) Chloroethane	1.71	64	37186	21.321	ug/l	97
7) Trichlorofluoromethane	1.92	101	77034	19.052	ug/l	98
8) Diethyl Ether	2.17	74	34452	20.107	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46249	19.956	ug/l	99
10) Methyl Iodide	2.49	142	57716	16.895	ug/l	100
11) Tert butyl alcohol	3.01	59	76110	108.670	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46894	20.014	ug/l	97
13) Acrolein	2.27	56	25662	69.170	ug/l	99
14) Allyl chloride	2.70	41	76342	19.292	ug/l	97
15) Acrylonitrile	3.11	53	163717	107.748	ug/l	99
16) Acetone	2.42	43	128733	101.899	ug/l	99
17) Carbon Disulfide	2.55	76	110625	16.455	ug/l	99
18) Methyl Acetate	2.75	43	70219	22.713	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	178000	20.860	ug/l	99
20) Methylene Chloride	2.83	84	60246	20.036	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53368	19.537	ug/l	99
22) Diisopropyl ether	3.82	45	172139	21.515	ug/l	92
23) Vinyl Acetate	3.78	43	709809	104.132	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99865	20.698	ug/l	99
25) 2-Butanone	4.63	43	205058	105.632	ug/l	100
26) 2,2-Dichloropropane	4.54	77	65660	15.803	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61794	19.330	ug/l	99
28) Bromochloromethane	4.98	49	44537	19.364	ug/l	98
29) Tetrahydrofuran	5.09	42	132399	105.858	ug/l	99
30) Chloroform	5.17	83	103280	20.818	ug/l	99
31) Cyclohexane	5.54	56	78497	18.775	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	85458	20.003	ug/l	99
36) 1,1-Dichloropropene	5.76	75	70755	18.439	ug/l	99
37) Ethyl Acetate	4.79	43	77914	20.110	ug/l	99
38) Carbon Tetrachloride	5.75	117	70882	18.863	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	79295	17.588	ug/l	97
40) Benzene	6.11	78	228958	19.533	ug/l	99
41) Methacrylonitrile	5.00	41	43825	20.602	ug/l	99
42) 1,2-Dichloroethane	6.16	62	81069	20.242	ug/l	100
43) Isopropyl Acetate	6.41	43	124891	19.827	ug/l	99
44) Trichloroethene	7.18	130	58713	19.090	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58825	20.079	ug/l	100
46) Dibromomethane	7.63	93	39063	19.745	ug/l	99
47) Bromodichloromethane	7.87	83	77252	19.678	ug/l	98
48) Methyl methacrylate	7.74	41	61663	19.905	ug/l	98
49) 1,4-Dioxane	7.71	88	29599	394.410	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	403357	104.884	ug/l	99
52) Toluene	8.76	92	141804	19.342	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78760	18.079	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	87415	18.470	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	60843	20.594	ug/l	98
56) Ethyl methacrylate	9.16	69	86751	19.408	ug/l	99
57) 1,3-Dichloropropane	9.35	76	102457	20.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	245135	103.520	ug/l	100
59) 2-Hexanone	9.47	43	303351	101.763	ug/l	98
60) Dibromochloromethane	9.56	129	58745	19.571	ug/l	100
61) 1,2-Dibromoethane	9.65	107	61865	19.720	ug/l	100
64) Tetrachloroethene	9.32	164	53580	20.303	ug/l	97
65) Chlorobenzene	10.12	112	149503	19.069	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	55713	19.744	ug/l	99
67) Ethyl Benzene	10.23	91	262520	18.864	ug/l	99
68) m/p-Xylenes	10.34	106	198320	37.820	ug/l	100
69) o-Xylene	10.68	106	95161	18.865	ug/l	98
70) Styrene	10.70	104	159824	18.772	ug/l	100
71) Bromoform	10.84	173	40648	18.311	ug/l #	99
73) Isopropylbenzene	11.00	105	253013	19.643	ug/l	100
74) N-amyl acetate	10.88	43	99930	19.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94741	20.863	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	103024	24.365	ug/l	88
77) Bromobenzene	11.24	156	64860	19.677	ug/l	98
78) n-propylbenzene	11.34	91	285803	19.428	ug/l	100
79) 2-Chlorotoluene	11.40	91	179618	19.827	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	216301	19.898	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24859	16.995	ug/l	94
82) 4-Chlorotoluene	11.49	91	207356	19.543	ug/l	98
83) tert-Butylbenzene	11.76	119	208473	19.554	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	220923	20.175	ug/l	98
85) sec-Butylbenzene	11.93	105	243186	19.979	ug/l	99
86) p-Isopropyltoluene	12.05	119	217735	19.518	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113082	18.692	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115161	18.690	ug/l	98
89) n-Butylbenzene	12.37	91	184268	18.644	ug/l	99
90) Hexachloroethane	12.58	117	35666	18.519	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	116930	19.827	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19497	19.972	ug/l	96

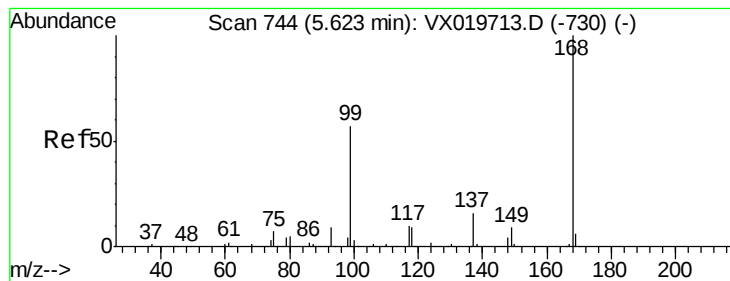
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121120\
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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71056	18.509	ug/l	99
94) Hexachlorobutadiene	13.76	225	31776	18.519	ug/l	96
95) Naphthalene	13.82	128	253185	20.343	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	76734	20.453	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

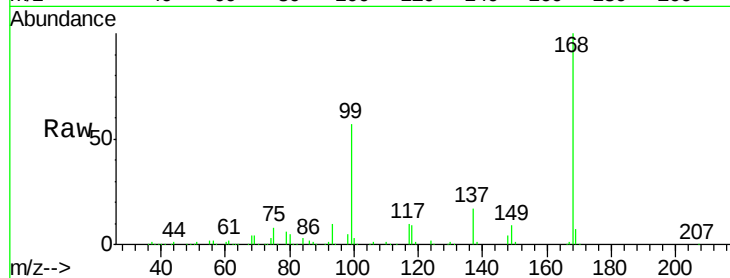
VX1211WBSD03

Tgt Ion:168 Resp: 255732

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

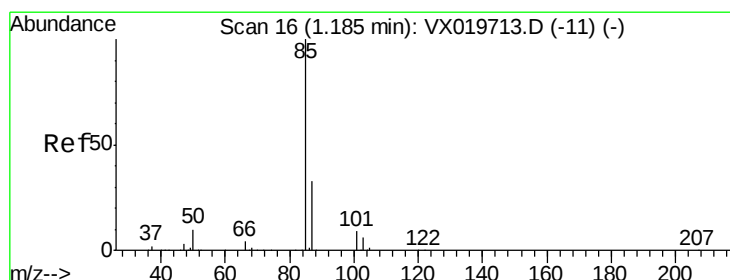
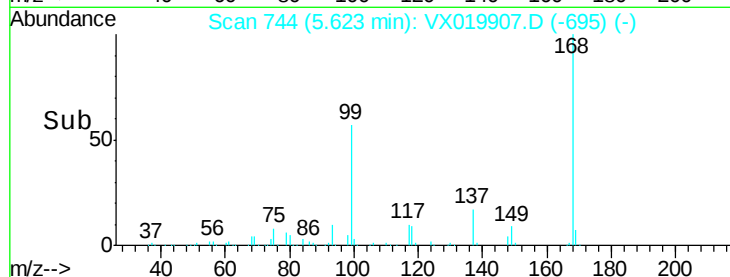
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.305 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019907.D

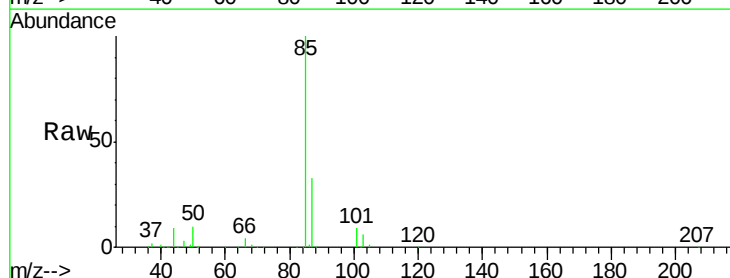
Acq: 12 Dec 2020 05:00

Tgt Ion: 85 Resp: 42859

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

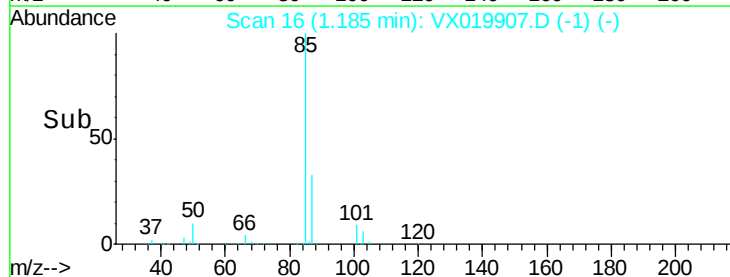
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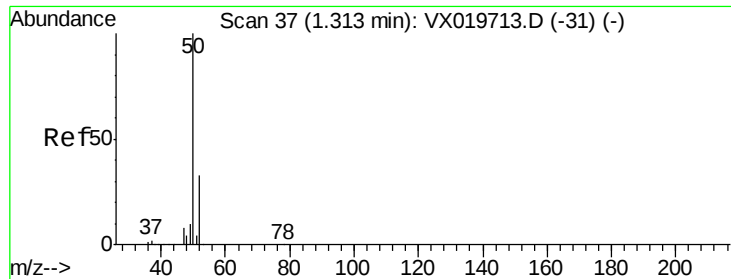
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.762 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

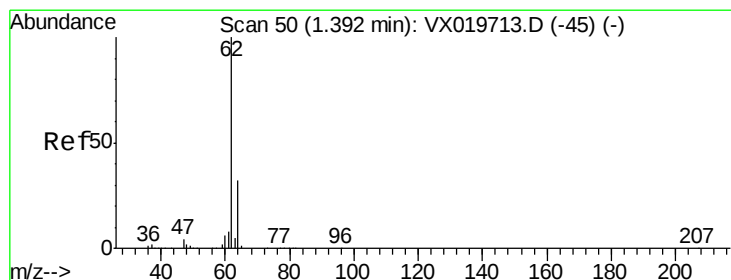
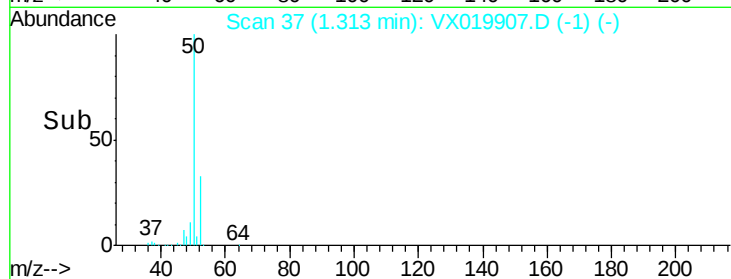
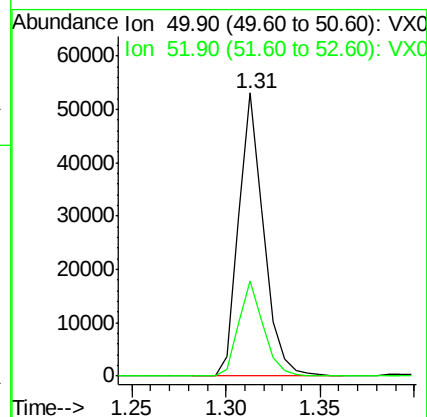
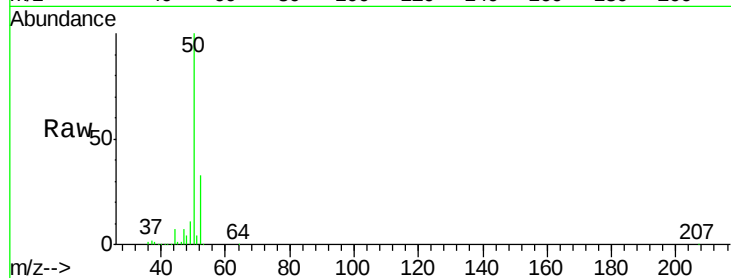
VX1211WBSD03

Tgt Ion: 50 Resp: 48907

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



#4

Vinyl Chloride

Concen: 19.444 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019907.D

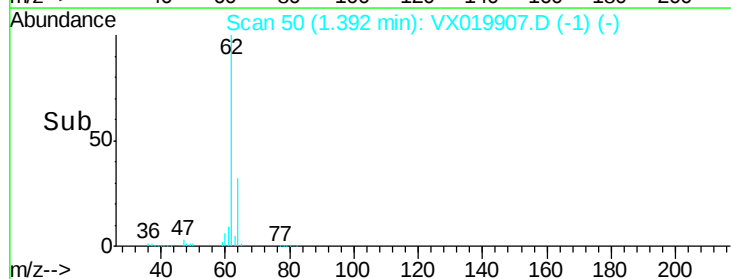
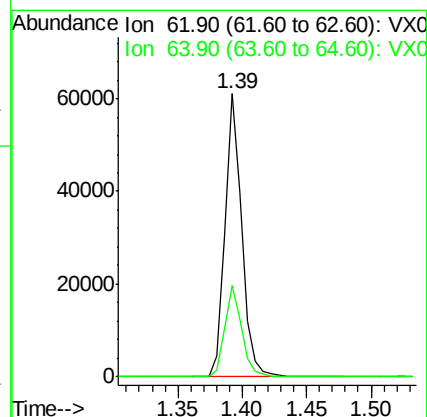
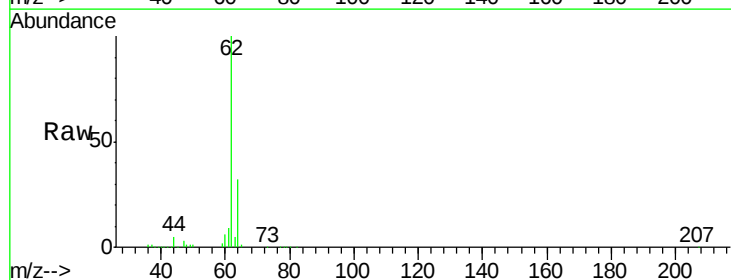
Acq: 12 Dec 2020 05:00

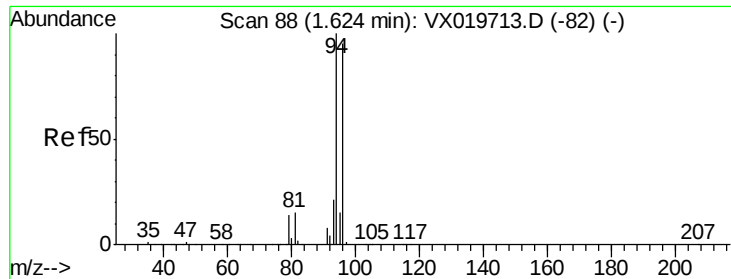
Tgt Ion: 62 Resp: 56452

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 34.192 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

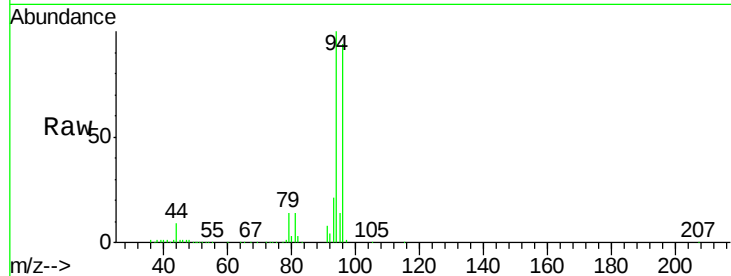
VX1211WBSD03

Tgt Ion: 94 Resp: 32962

Ion Ratio Lower Upper

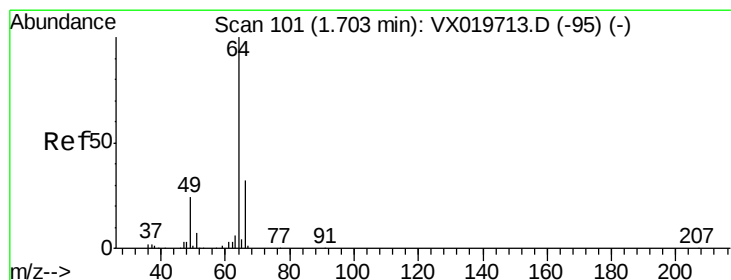
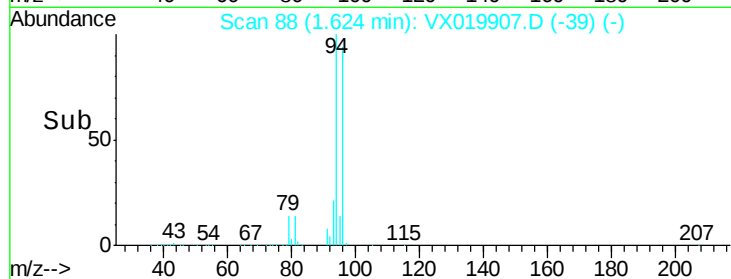
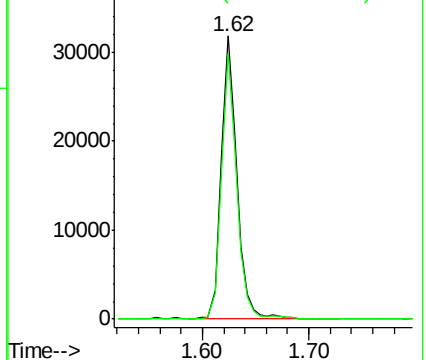
94 100

96 93.6 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.321 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019907.D

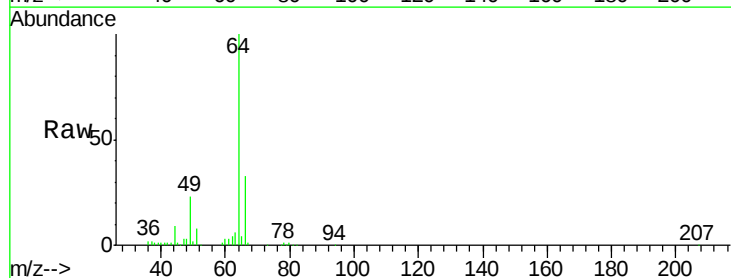
Acq: 12 Dec 2020 05:00

Tgt Ion: 64 Resp: 37186

Ion Ratio Lower Upper

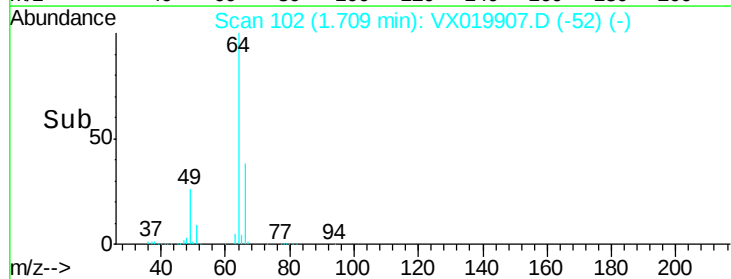
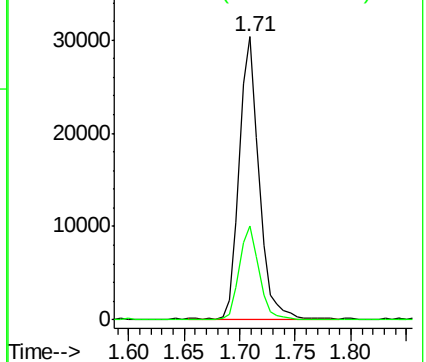
64 100

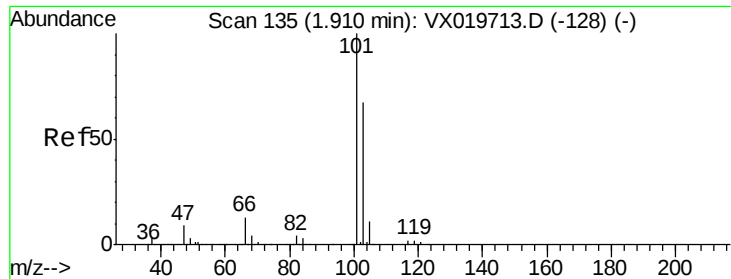
66 33.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



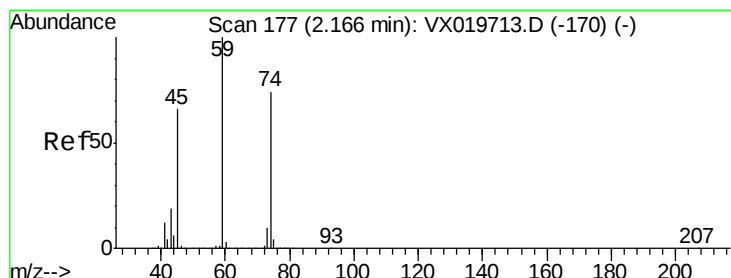
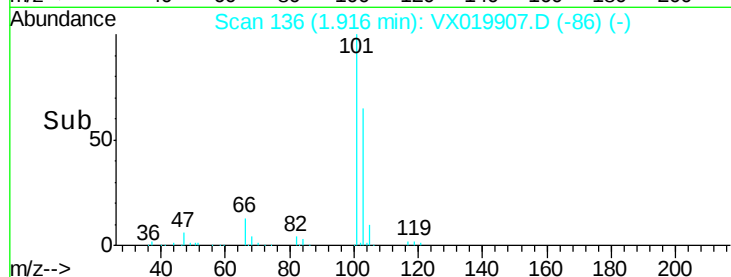
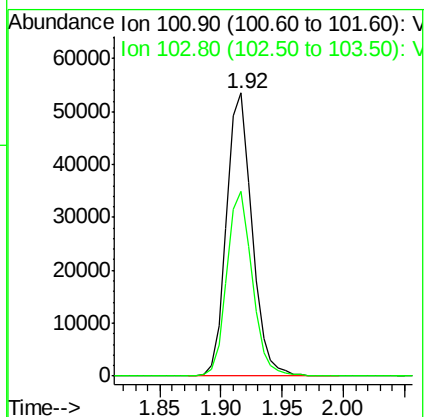
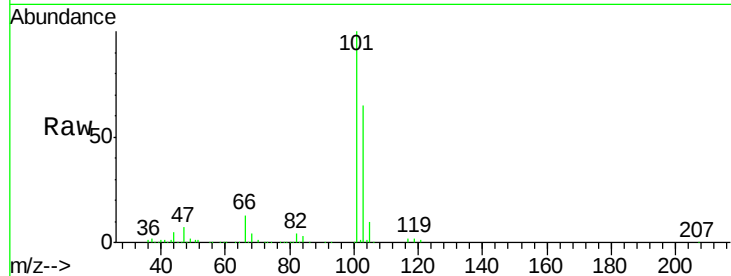


#7

Trichlorofluoromethane
 Concen: 19.052 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Instrument :
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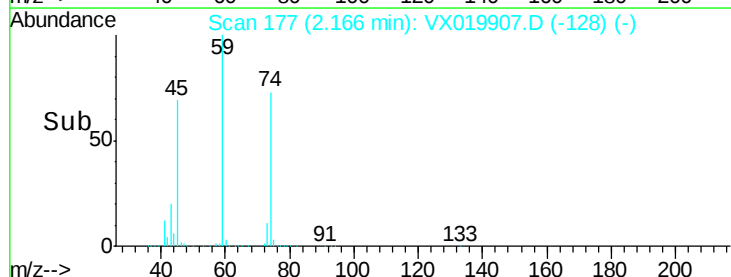
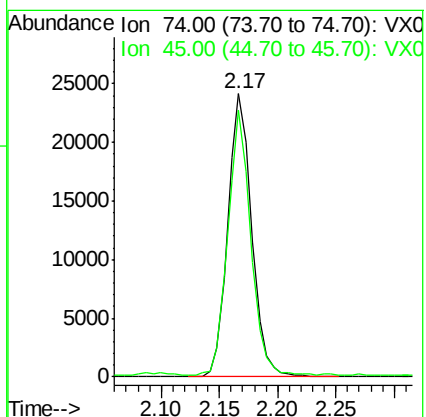
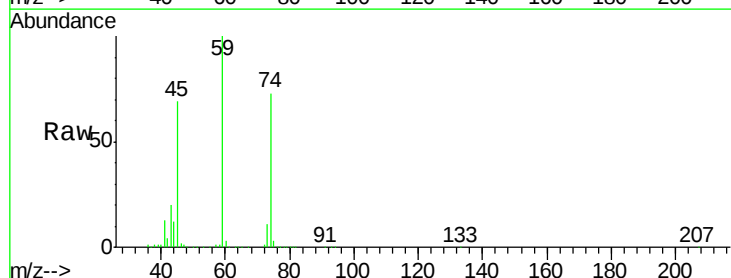
Tgt Ion:101 Resp: 77034
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.2 79.8

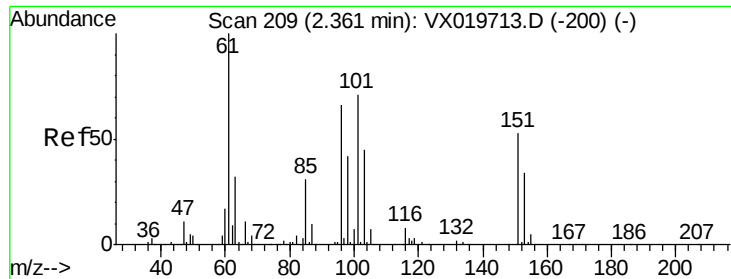


#8

Diethyl Ether
 Concen: 20.107 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion: 74 Resp: 34452
 Ion Ratio Lower Upper
 74 100
 45 89.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.956 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

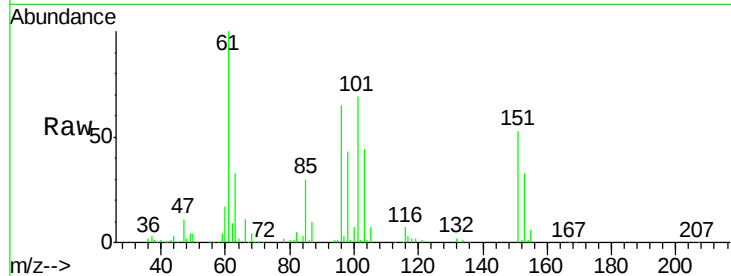
Tgt Ion:101 Resp: 46249

Ion Ratio Lower Upper

101 100

85 42.3 34.9 52.3

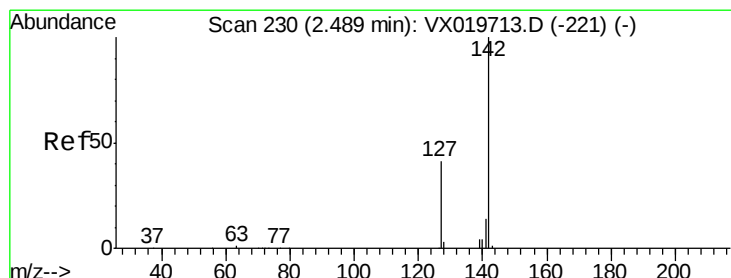
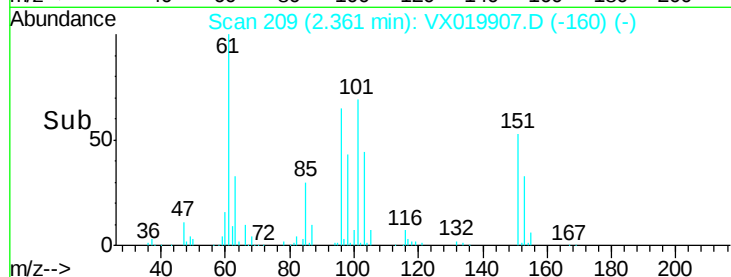
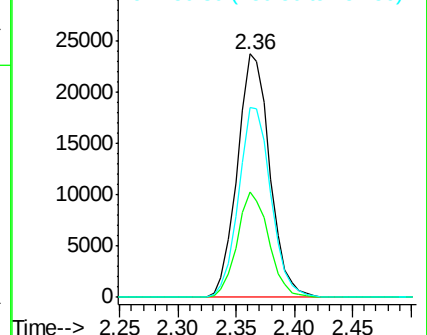
151 77.8 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.895 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

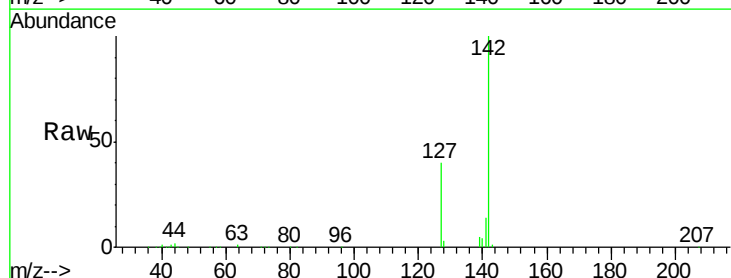
Tgt Ion:142 Resp: 57716

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

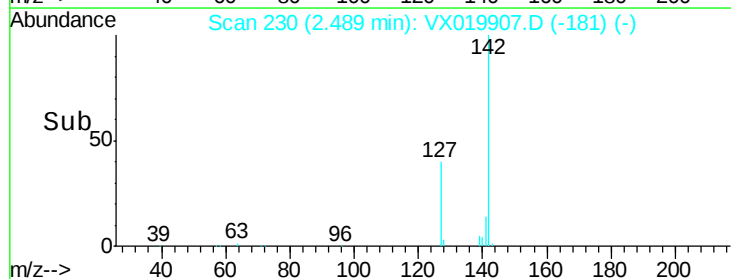
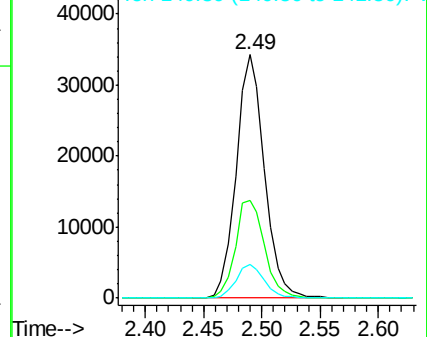
141 13.8 11.4 17.0

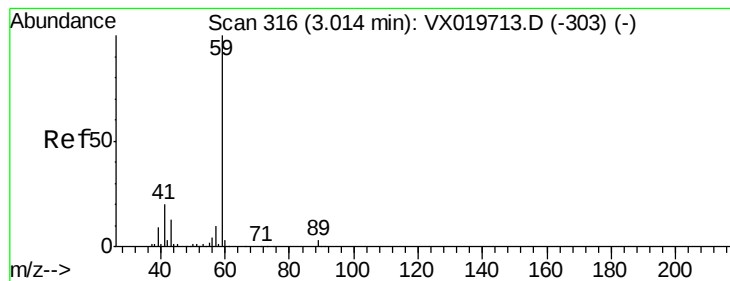


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 108.670 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

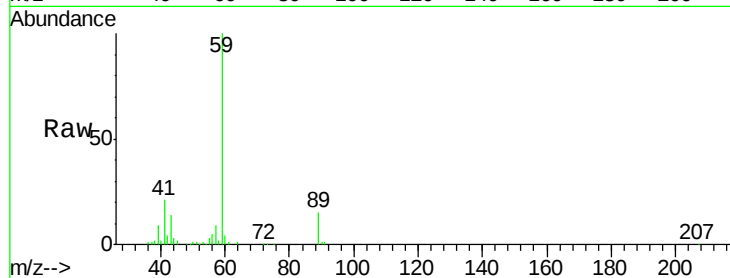
VX1211WBSD03

Tgt Ion: 59 Resp: 76110

Ion Ratio Lower Upper

59 100

57 9.1 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

30000

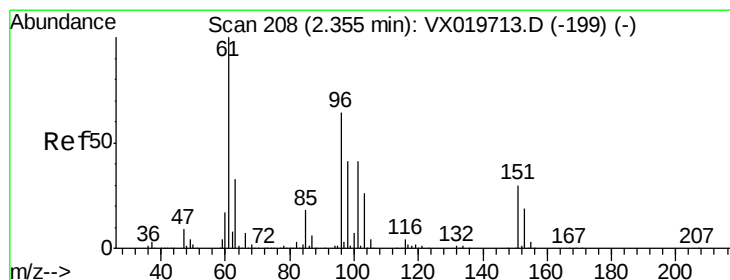
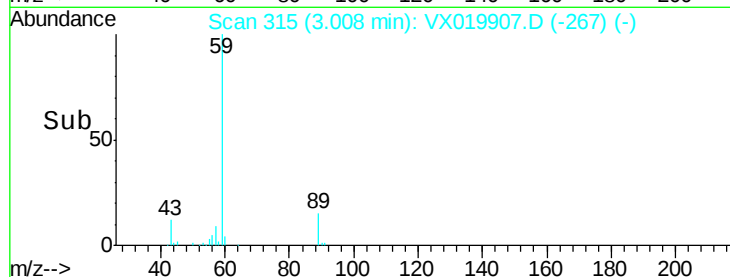
20000

10000

0

Time-->

2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 20.014 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

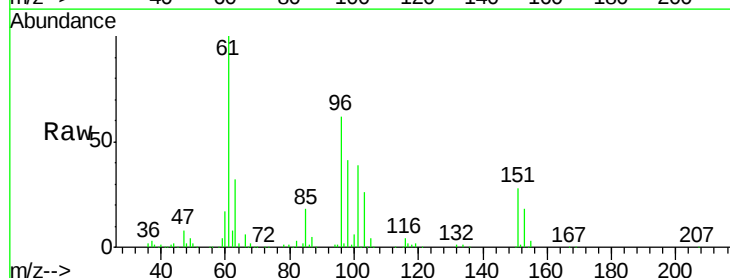
Tgt Ion: 96 Resp: 46894

Ion Ratio Lower Upper

96 100

61 160.5 124.6 187.0

98 65.5 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

60000

50000

40000

30000

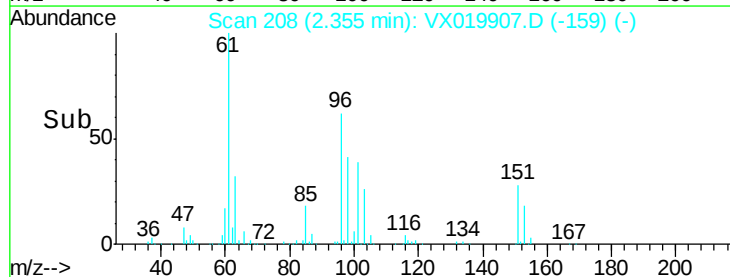
20000

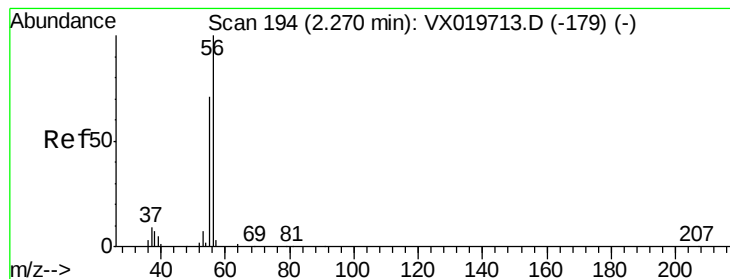
10000

0

Time-->

2.25 2.30 2.35 2.40 2.45





#13

Acrolein

Concen: 69.170 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

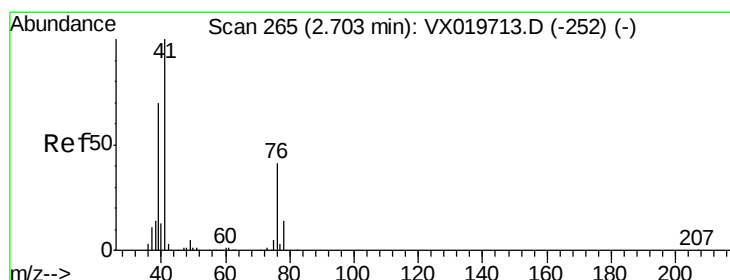
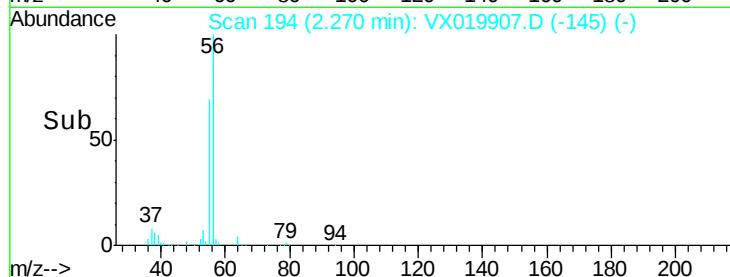
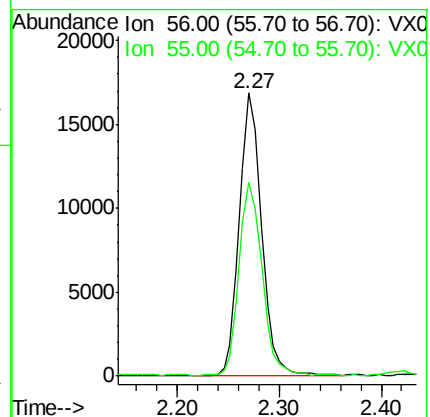
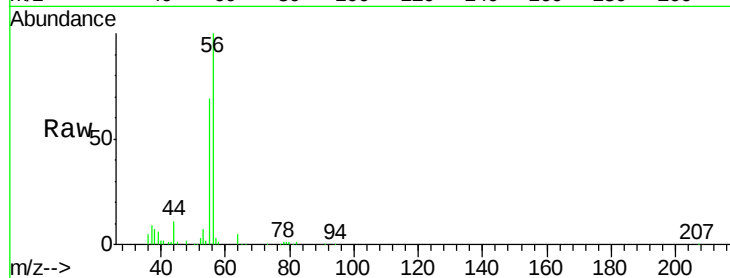
VX1211WBSD03

Tgt Ion: 56 Resp: 25662

Ion Ratio Lower Upper

56 100

55 69.7 56.4 84.6



#14

Allyl chloride

Concen: 19.292 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

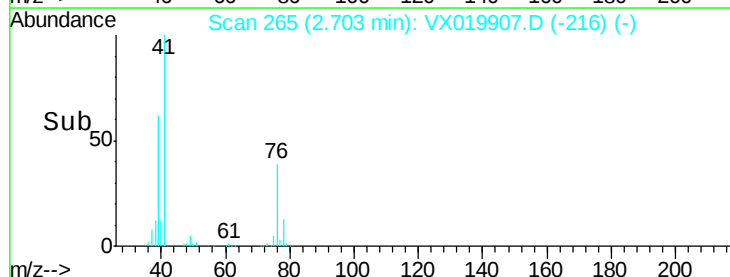
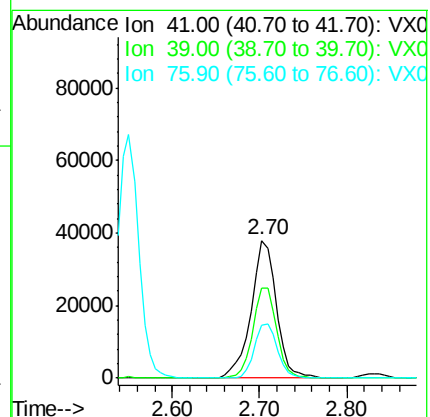
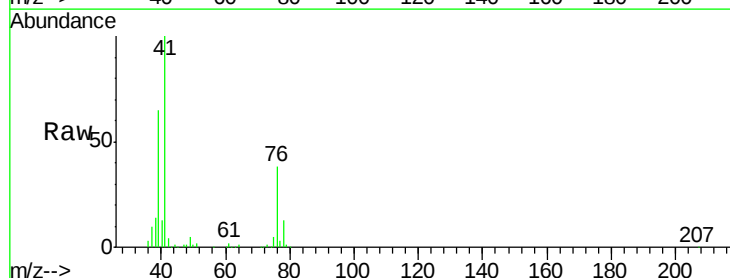
Tgt Ion: 41 Resp: 76342

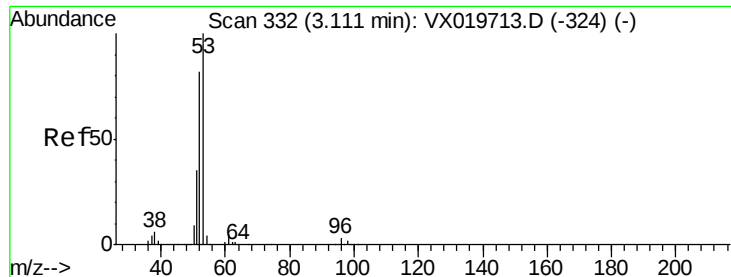
Ion Ratio Lower Upper

41 100

39 62.1 51.6 77.4

76 35.7 30.5 45.7





#15

Acrylonitrile

Concen: 107.748 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

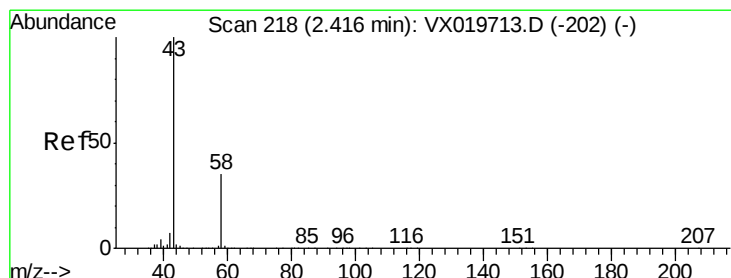
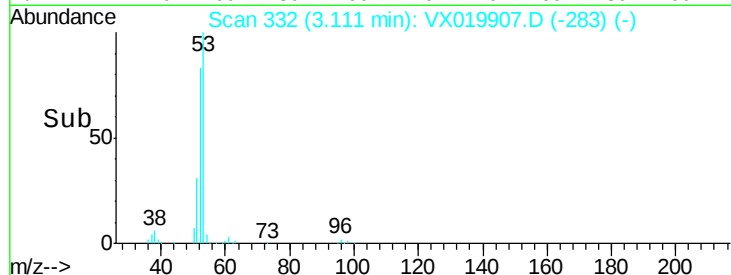
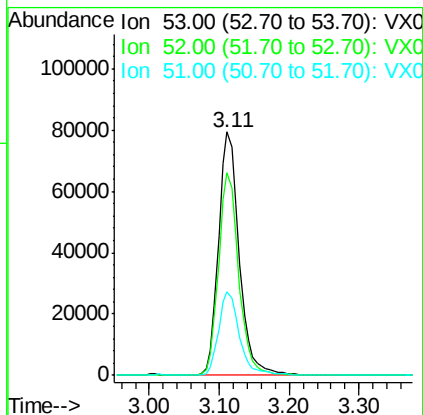
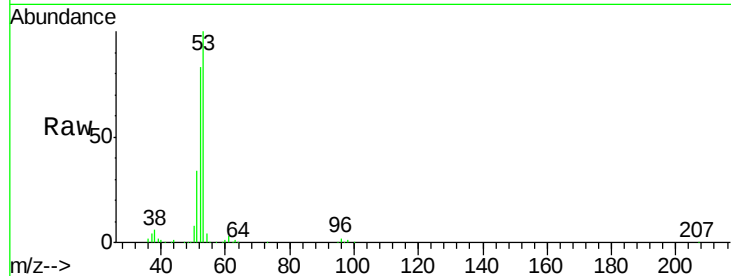
Tgt Ion: 53 Resp: 163717

Ion Ratio Lower Upper

53 100

52 81.1 65.3 97.9

51 34.8 28.2 42.2



#16

Acetone

Concen: 101.899 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019907.D

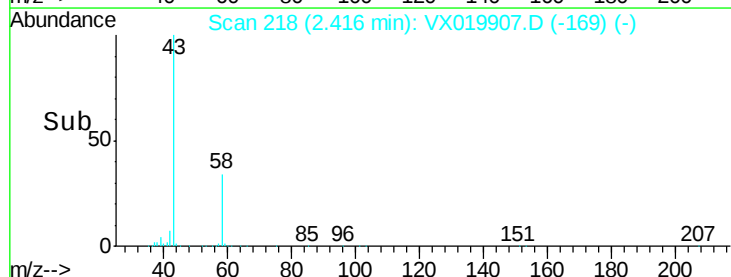
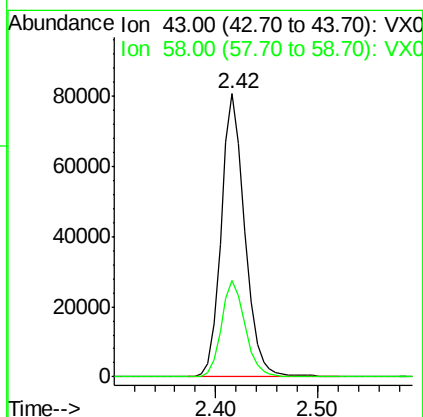
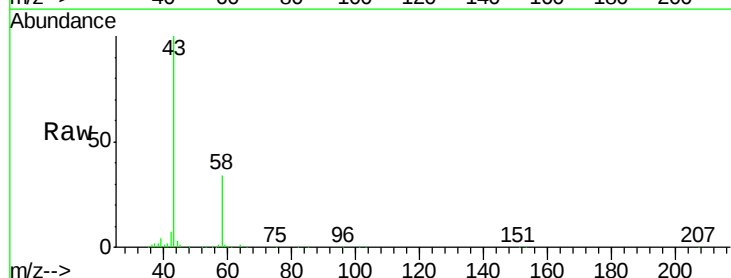
Acq: 12 Dec 2020 05:00

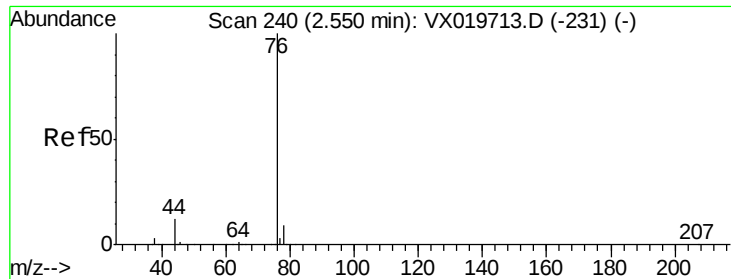
Tgt Ion: 43 Resp: 128733

Ion Ratio Lower Upper

43 100

58 34.1 27.8 41.8

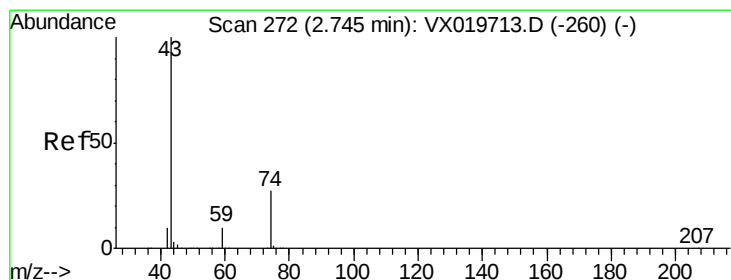
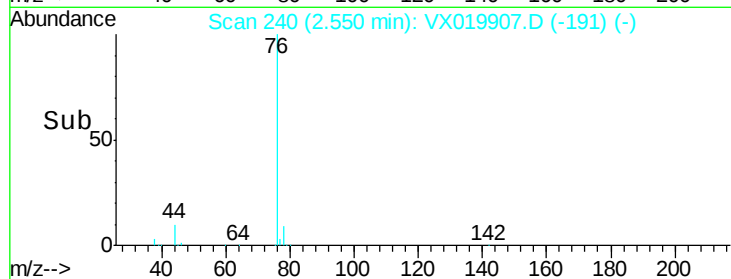
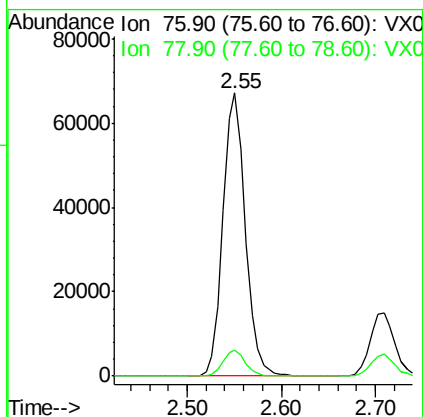
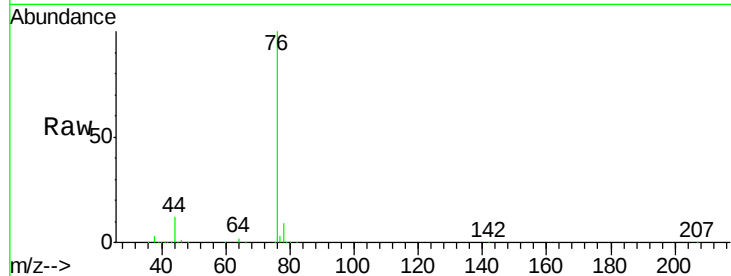




#17
Carbon Disulfide
Concen: 16.455 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

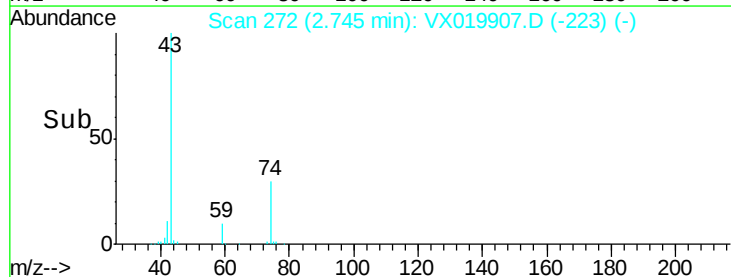
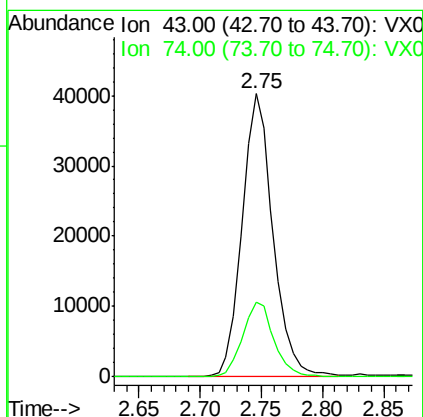
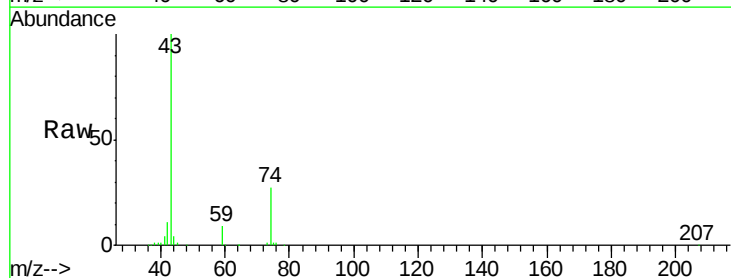
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

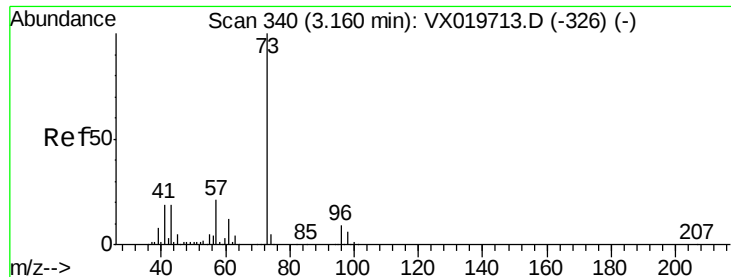
Tgt Ion: 76 Resp: 110625
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 22.713 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 43 Resp: 70219
Ion Ratio Lower Upper
43 100
74 27.3 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 20.860 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

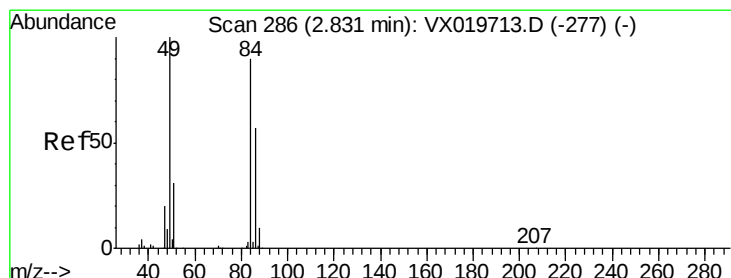
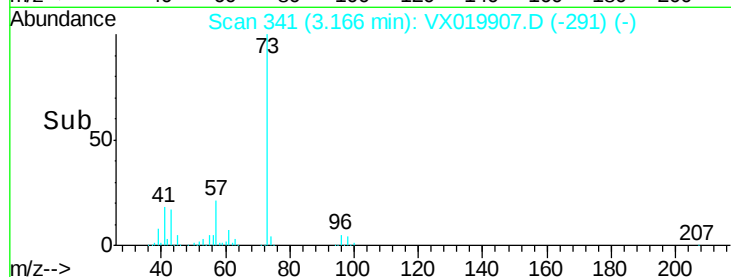
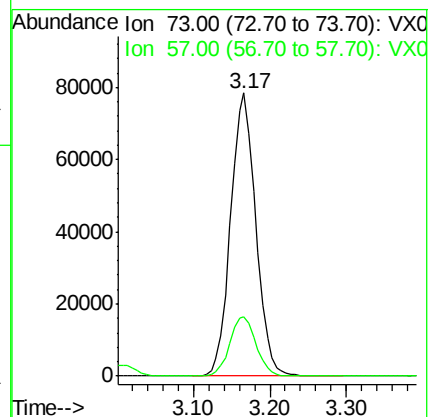
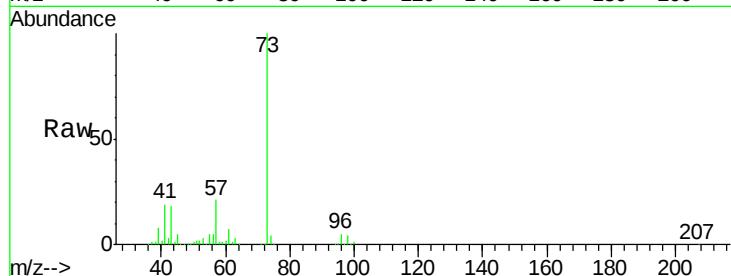
VX1211WBSD03

Tgt Ion: 73 Resp: 178000

Ion Ratio Lower Upper

73 100

57 20.9 17.1 25.7



#20

Methylene Chloride

Concen: 20.036 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Tgt Ion: 84 Resp: 60246

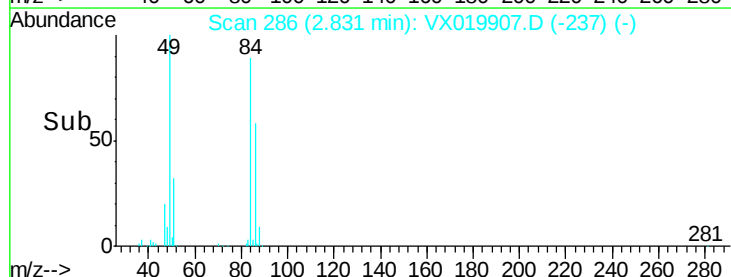
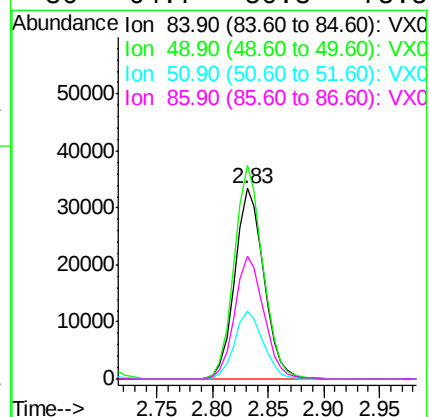
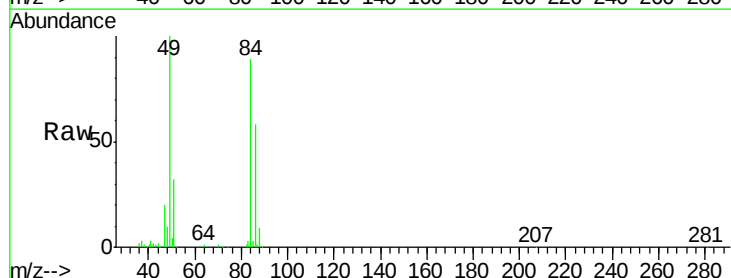
Ion Ratio Lower Upper

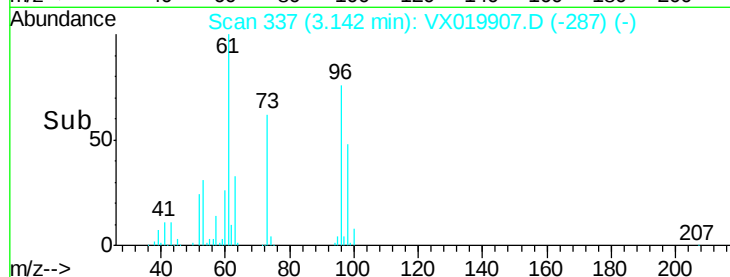
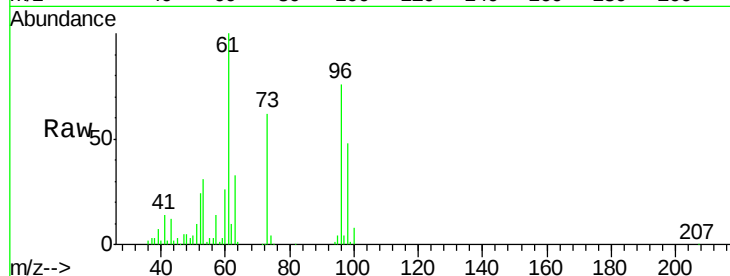
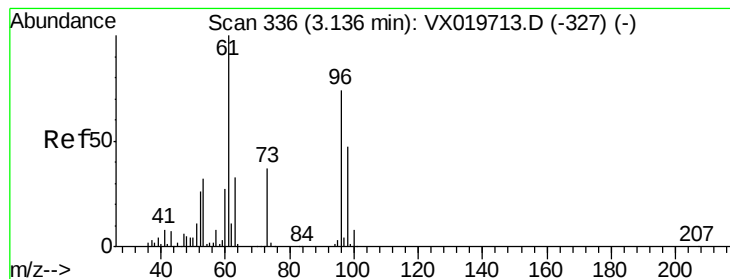
84 100

49 112.2 88.6 132.8

51 35.7 27.0 40.6

86 64.7 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.537 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

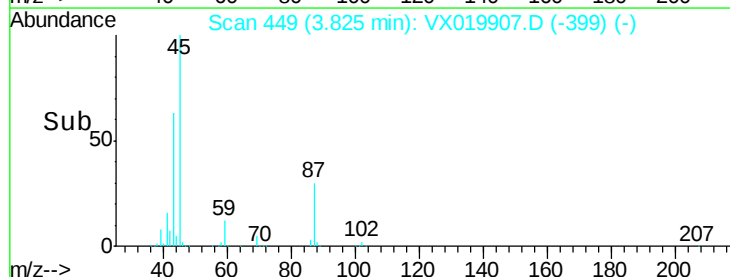
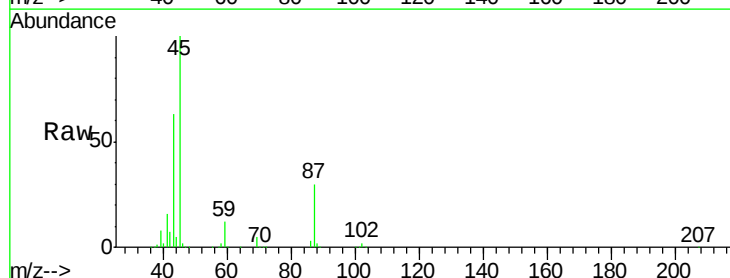
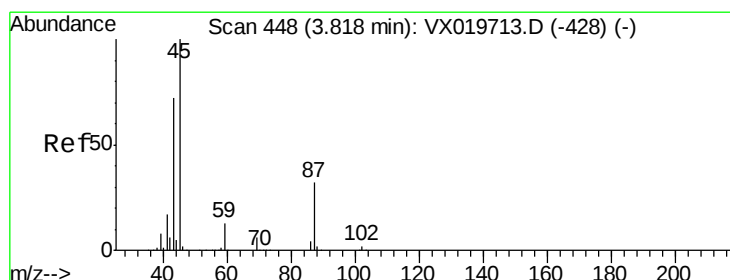
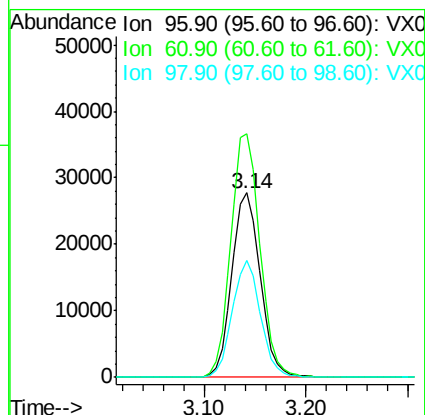
Tgt Ion: 96 Resp: 53368

Ion Ratio Lower Upper

96 100

61 132.1 107.7 161.5

98 63.2 50.4 75.6



#22

Diisopropyl ether

Concen: 21.515 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Tgt Ion: 45 Resp: 172139

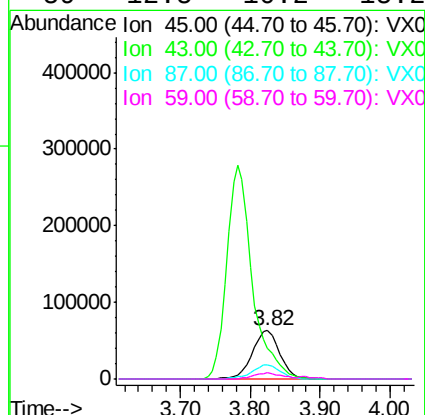
Ion Ratio Lower Upper

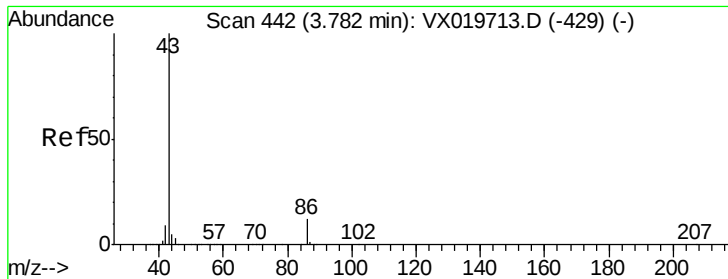
45 100

43 63.2 58.0 87.0

87 30.0 25.4 38.0

59 12.5 10.2 15.2





#23

Vinyl Acetate

Concen: 104.132 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

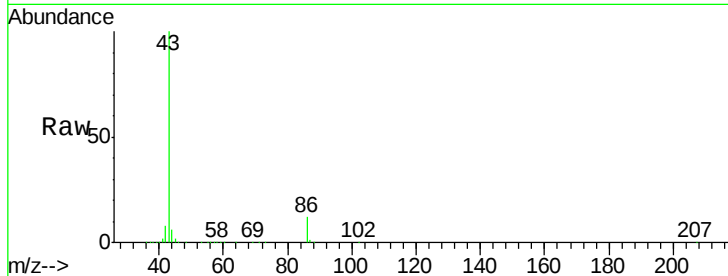
VX1211WBSD03

Tgt Ion: 43 Resp: 709809

Ion Ratio Lower Upper

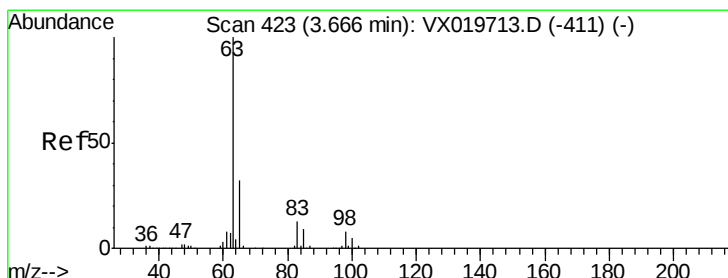
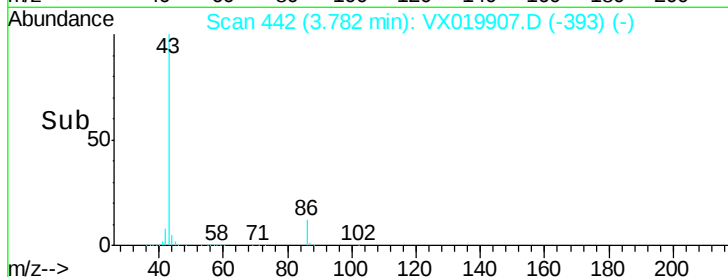
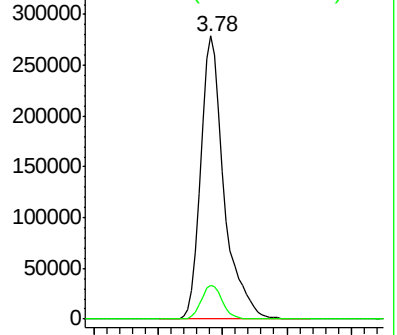
43 100

86 12.1 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.698 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

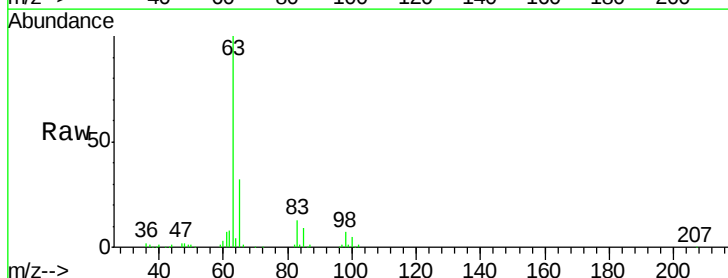
Tgt Ion: 63 Resp: 99865

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

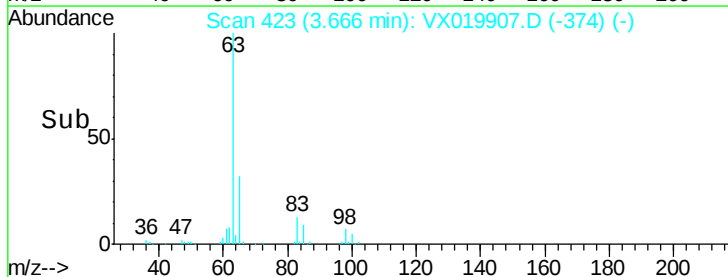
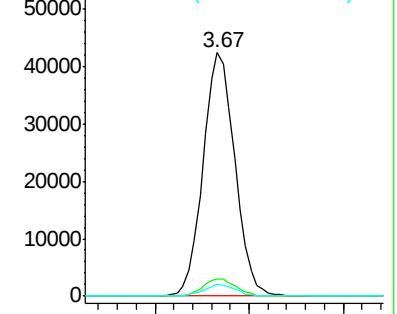
100 4.8 2.5 7.5

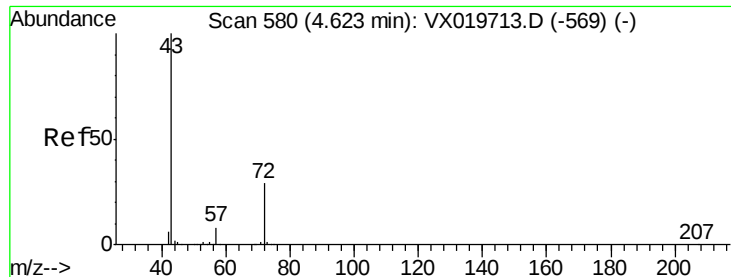


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 105.632 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

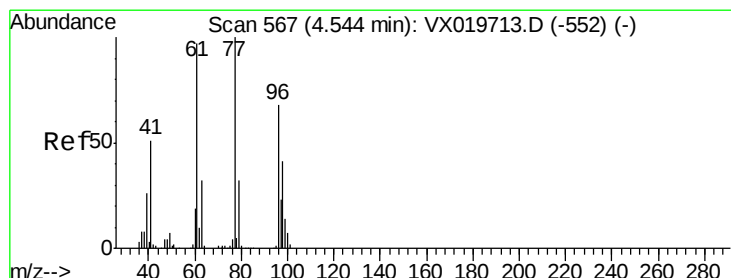
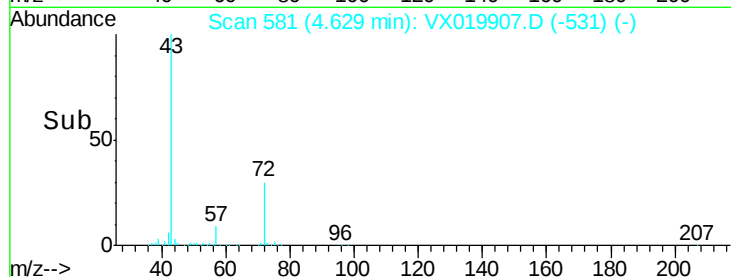
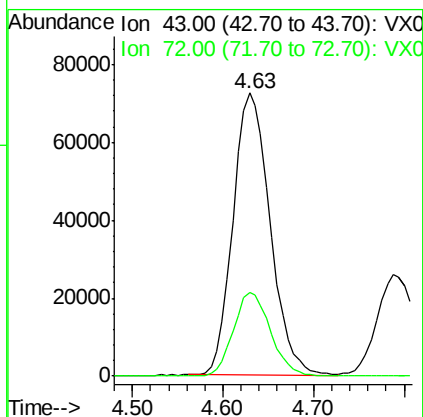
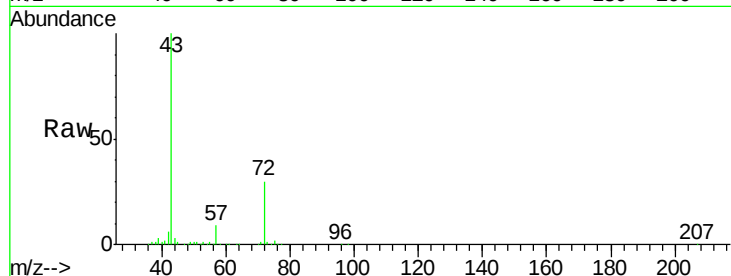
VX1211WBSD03

Tgt Ion: 43 Resp: 205058

Ion Ratio Lower Upper

43 100

72 29.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 15.803 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019907.D

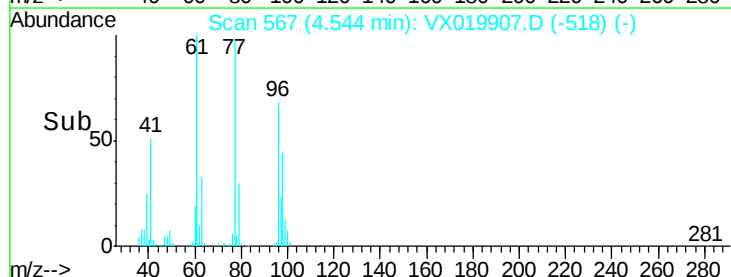
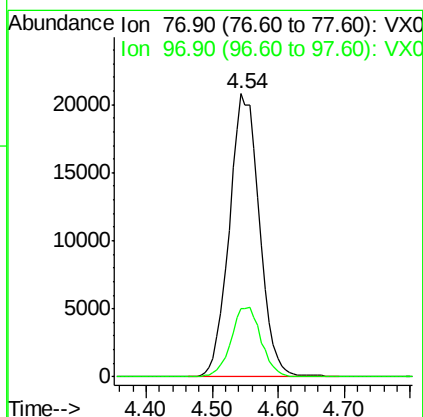
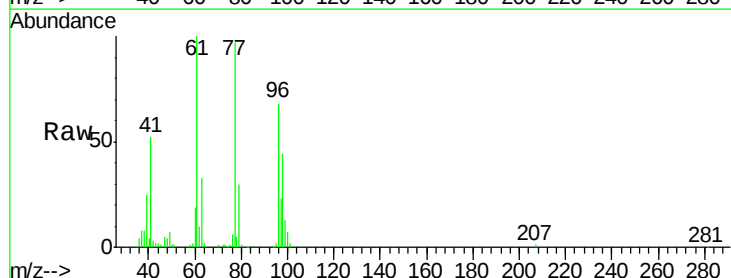
Acq: 12 Dec 2020 05:00

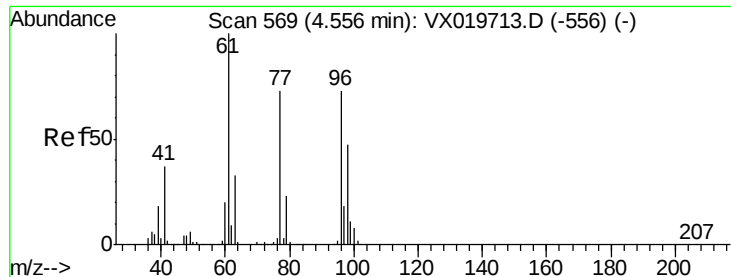
Tgt Ion: 77 Resp: 65660

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1



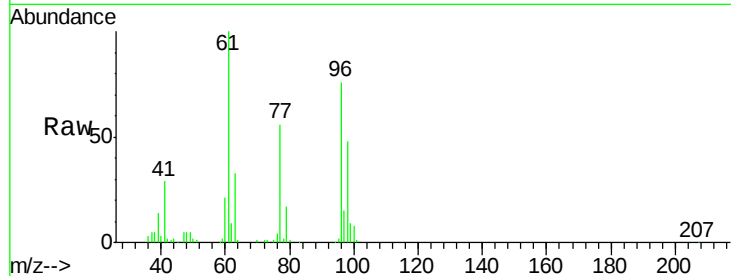


#27

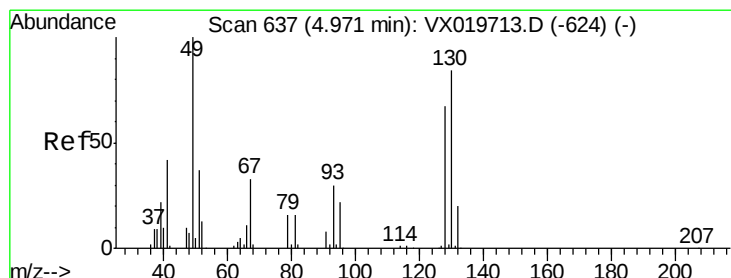
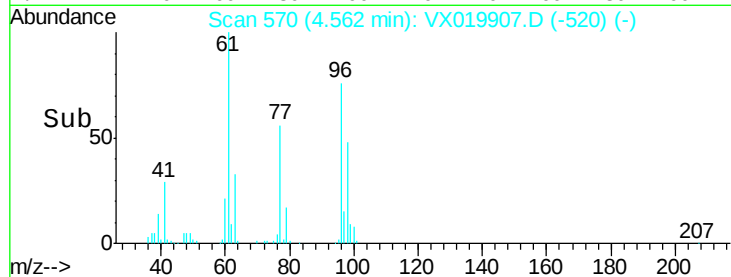
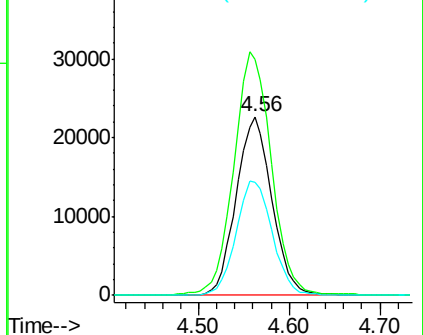
cis-1,2-Dichloroethene
Concen: 19.330 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

Tgt Ion: 96 Resp: 61794
Ion Ratio Lower Upper
96 100
61 144.1 0.0 285.6
98 65.1 0.0 129.6



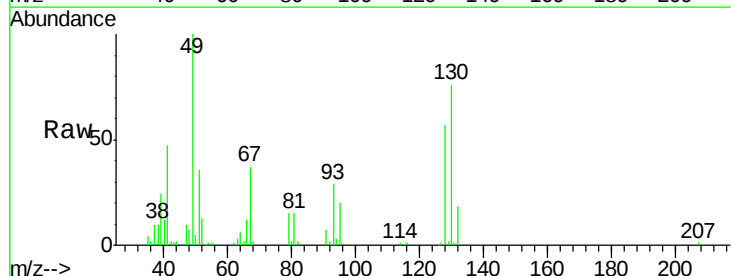
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



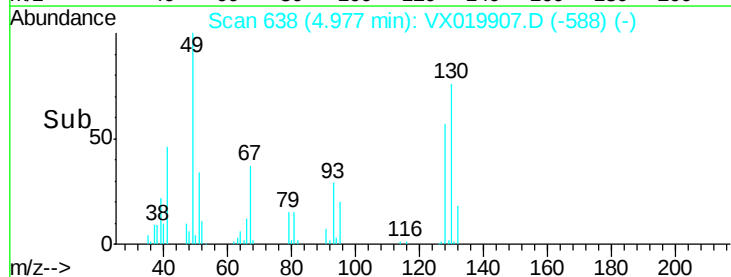
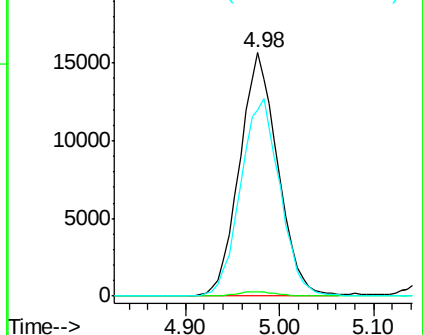
#28

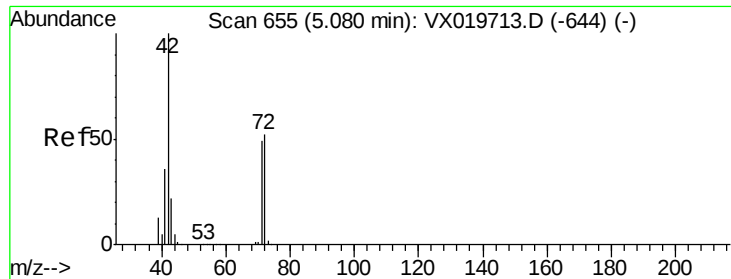
Bromochloromethane
Concen: 19.364 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 49 Resp: 44537
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 83.6 68.2 102.2



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





#29

Tetrahydrofuran

Concen: 105.858 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

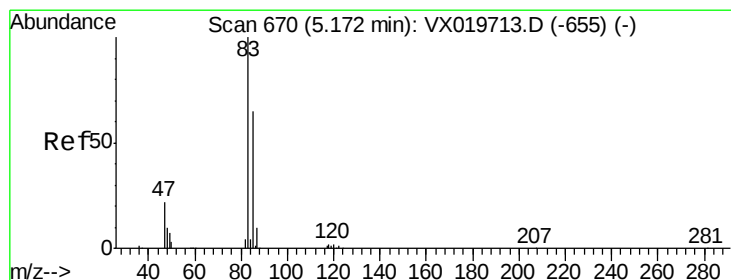
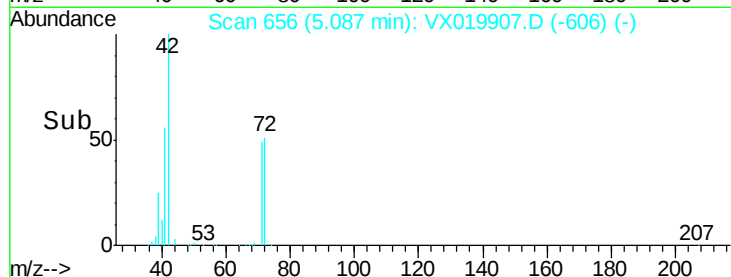
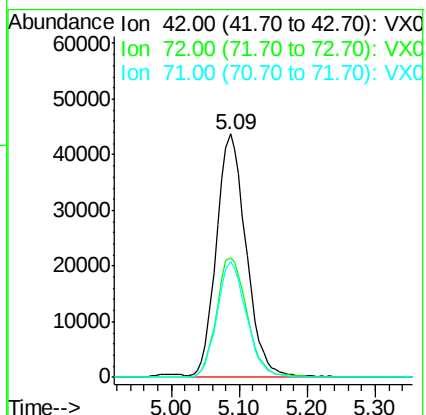
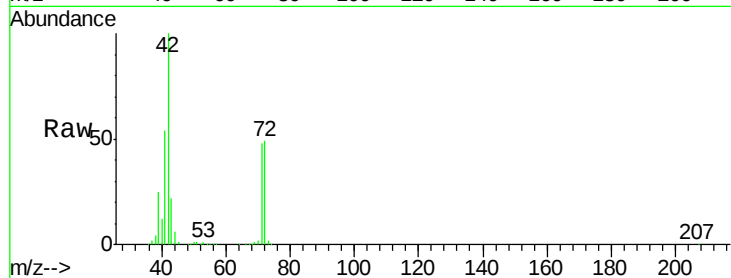
Tgt Ion: 42 Resp: 132399

Ion Ratio Lower Upper

42 100

72 50.9 41.7 62.5

71 47.3 38.4 57.6



#30

Chloroform

Concen: 20.818 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX019907.D

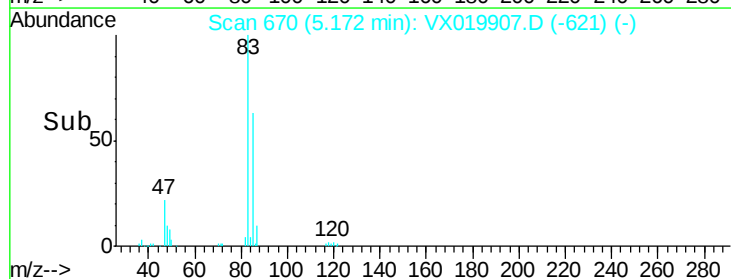
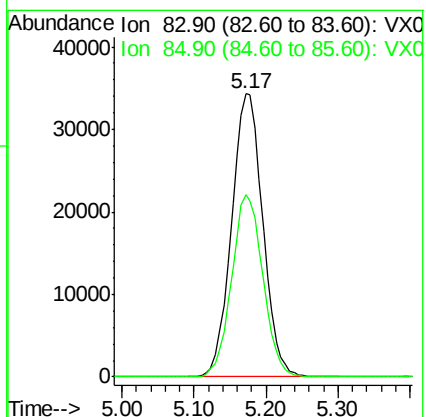
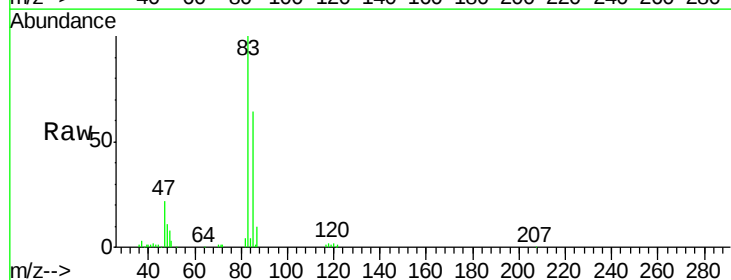
Acq: 12 Dec 2020 05:00

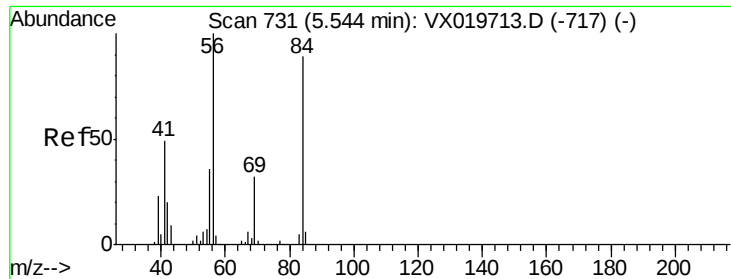
Tgt Ion: 83 Resp: 103280

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

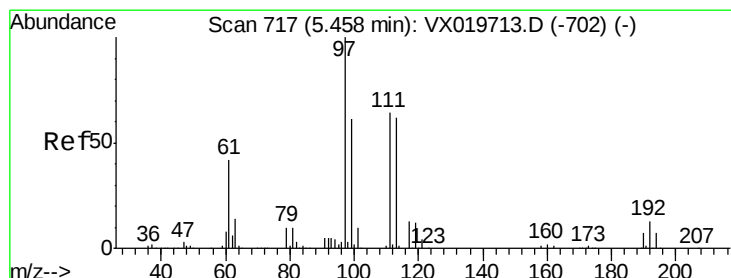
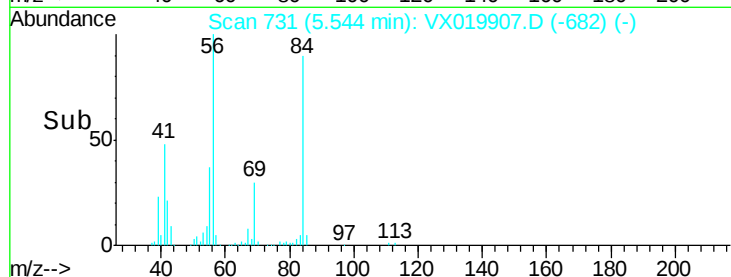
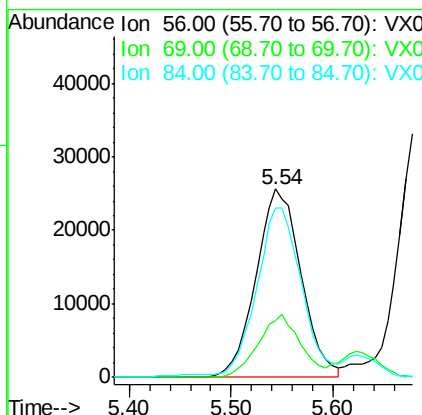
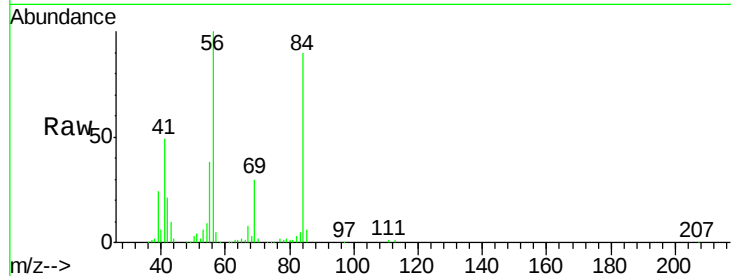




#31
Cyclohexane
Concen: 18.775 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

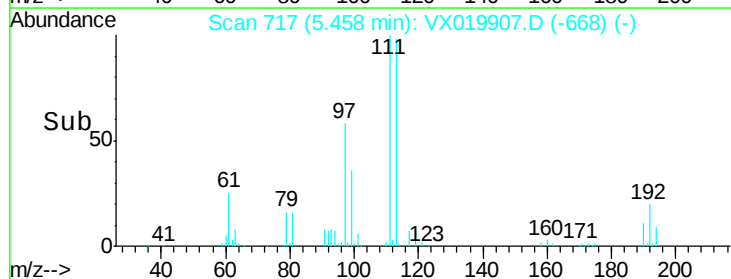
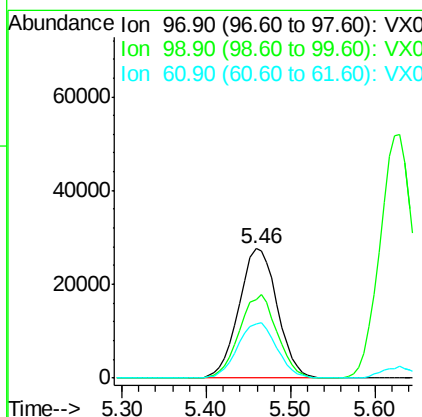
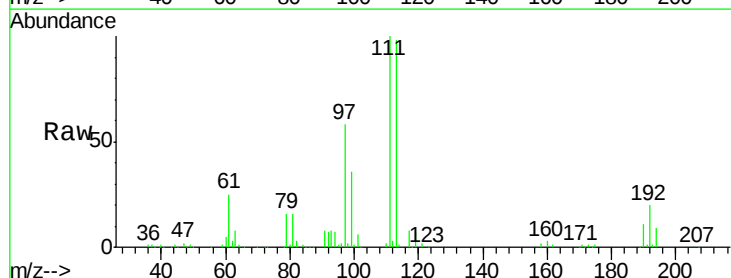
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

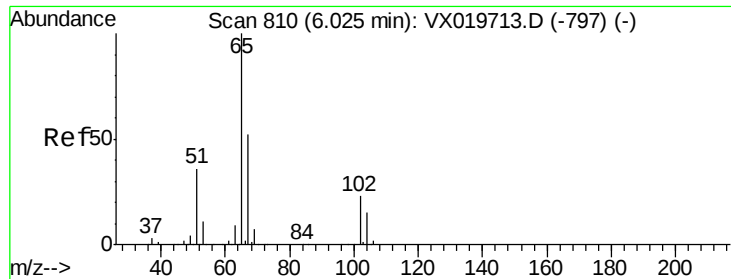
Tgt Ion: 56 Resp: 78497
Ion Ratio Lower Upper
56 100
69 30.0 25.3 37.9
84 88.0 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 20.003 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 97 Resp: 85458
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 43.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.099 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

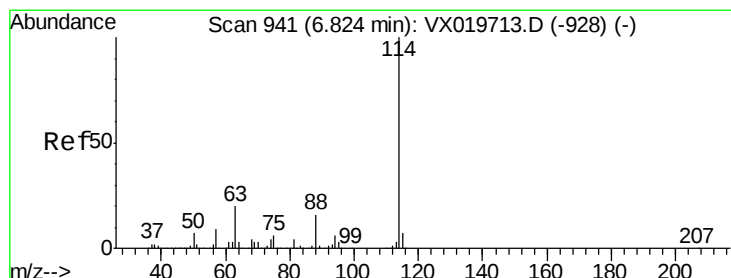
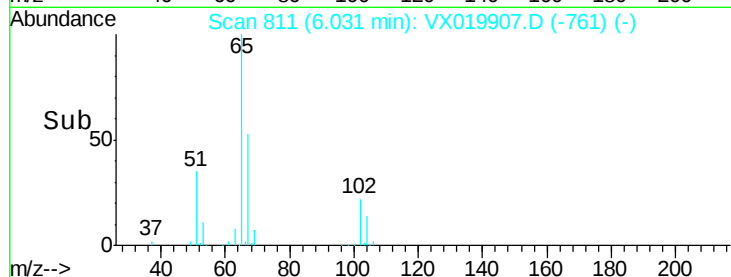
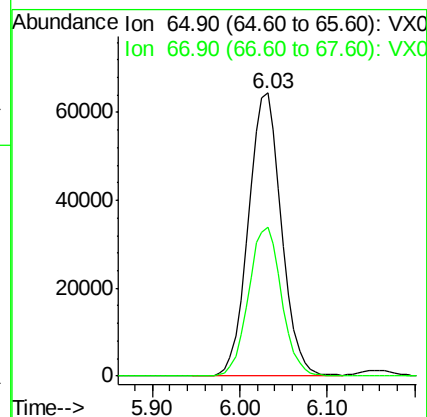
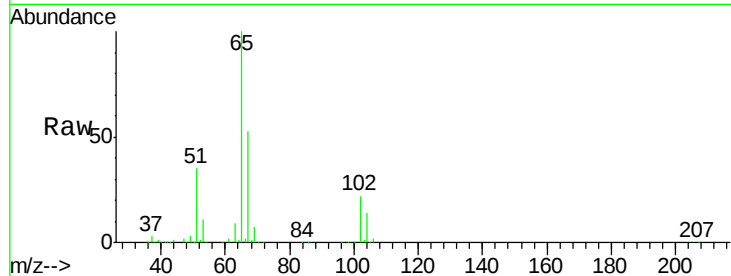
VX1211WBSD03

Tgt Ion: 65 Resp: 168385

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

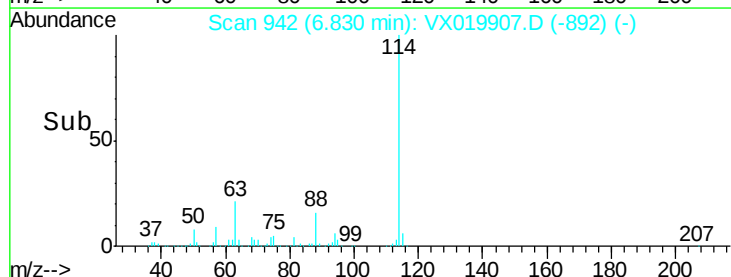
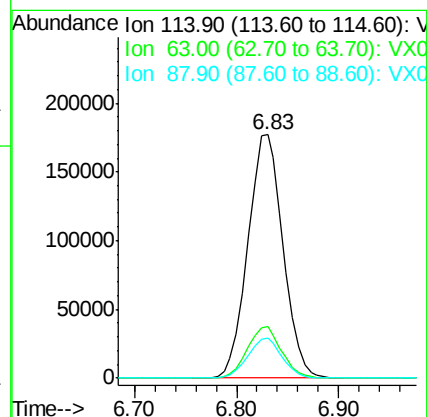
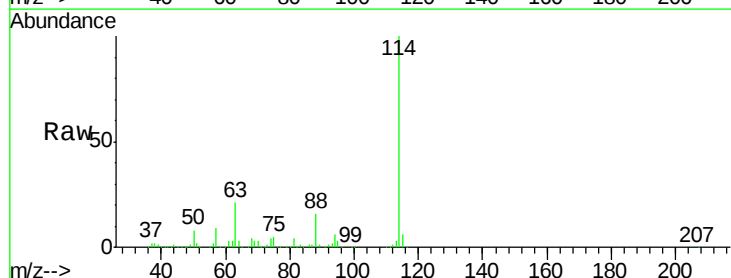
Tgt Ion: 114 Resp: 424655

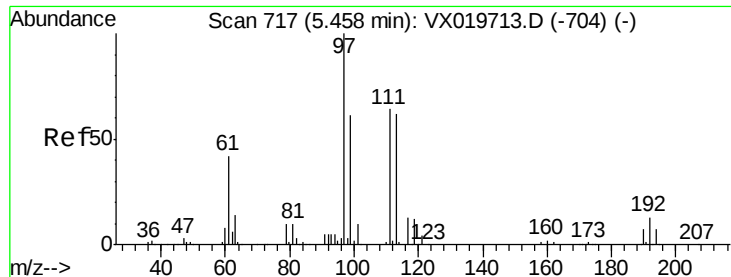
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 16.2 0.0 32.8

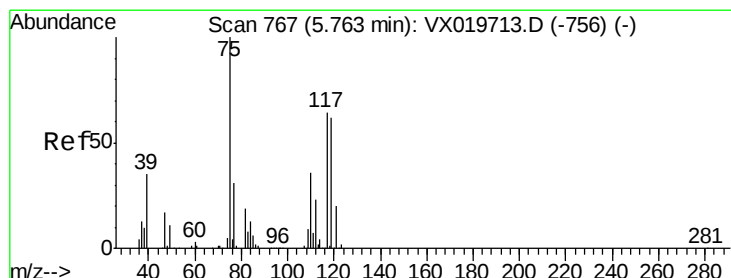
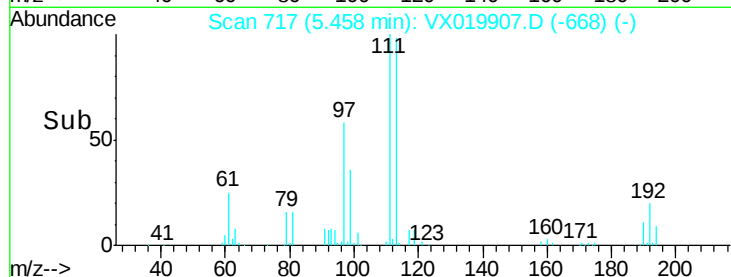
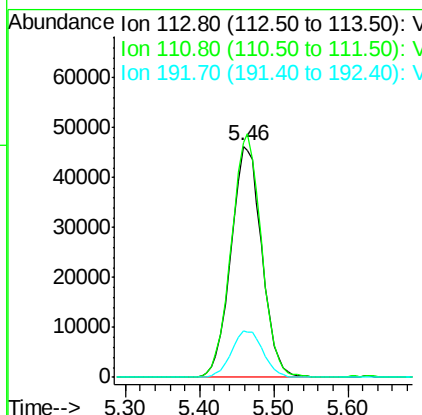
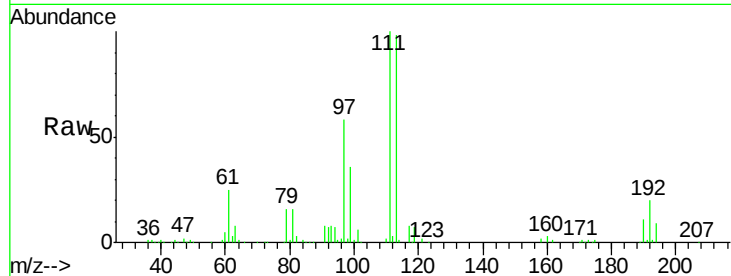




#35
 Dibromofluoromethane
 Concen: 48.917 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

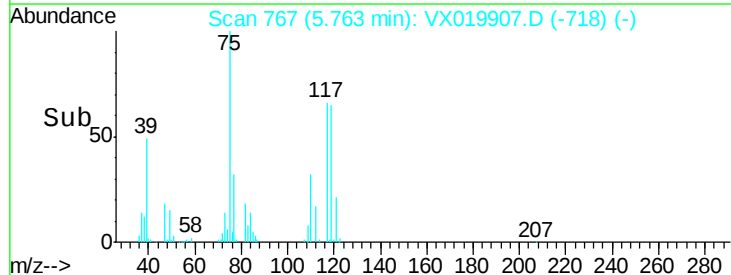
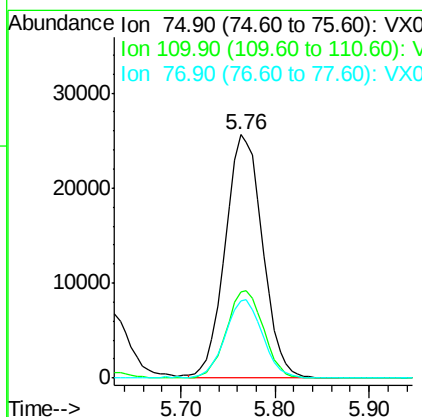
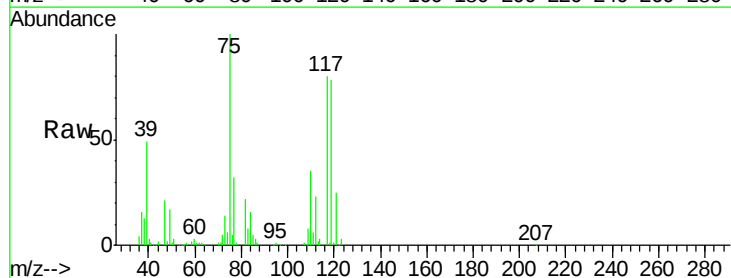
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

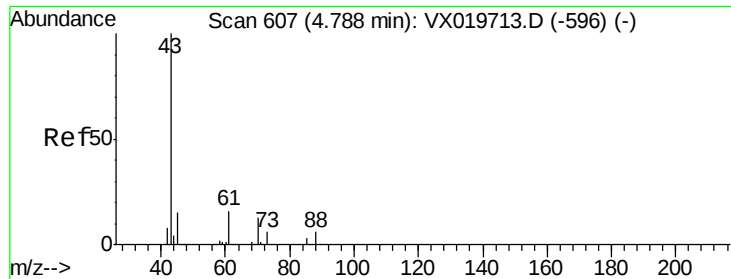
Tgt Ion: 113 Resp: 134253
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 20.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 18.439 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion: 75 Resp: 70755
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.4
 77 32.2 25.3 37.9

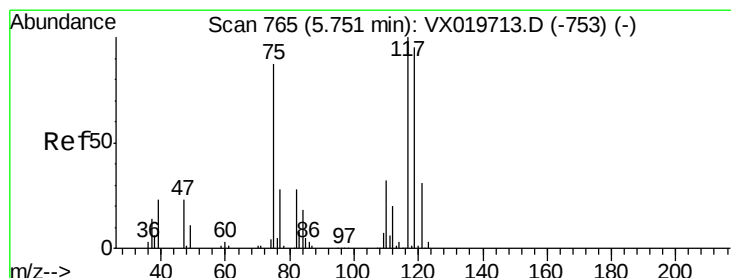
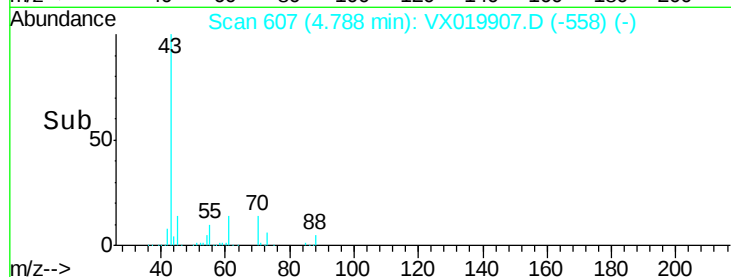
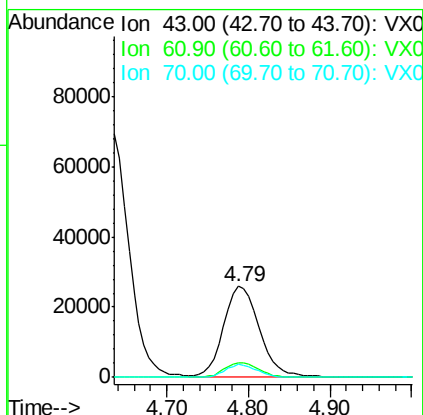
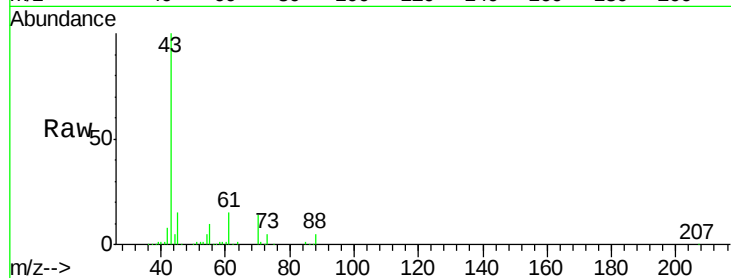




#37
Ethyl Acetate
Concen: 20.110 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

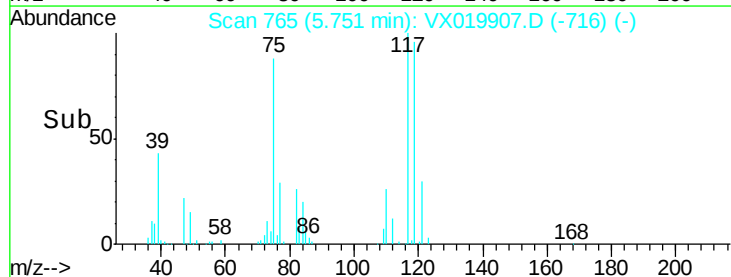
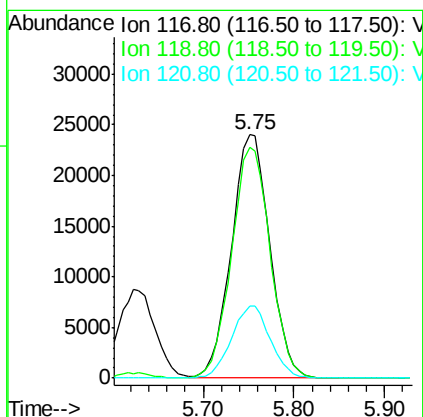
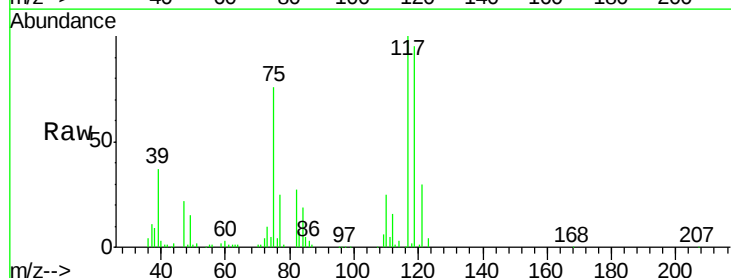
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

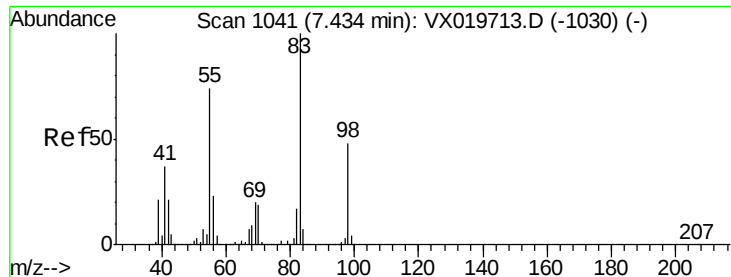
Tgt Ion: 43 Resp: 77914
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 12.8 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.863 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 117 Resp: 70882
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2
121 29.8 24.8 37.2

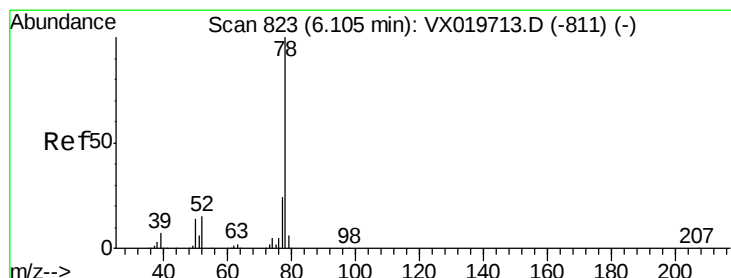
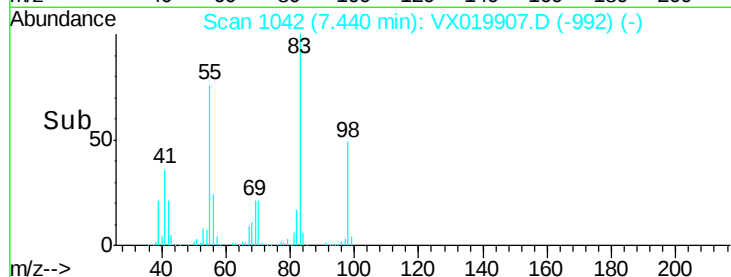
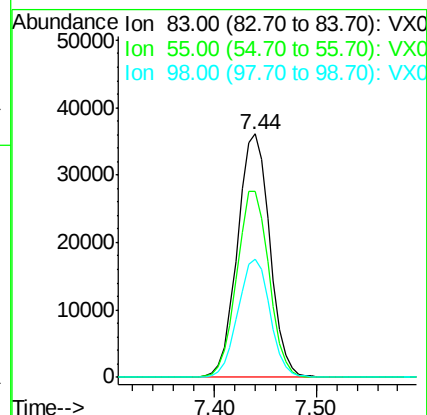
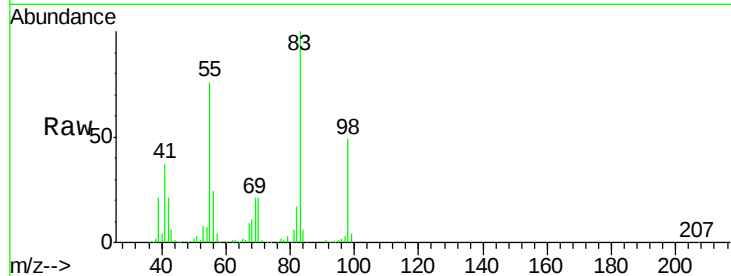




#39
Methylcyclohexane
Concen: 17.588 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

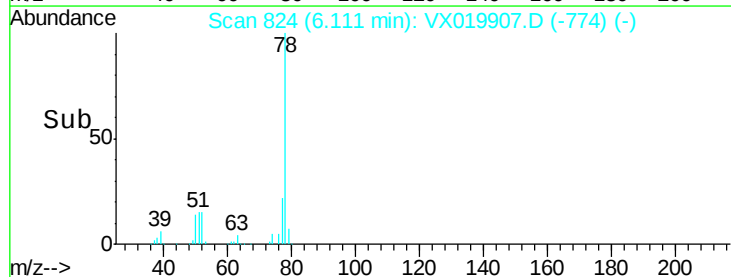
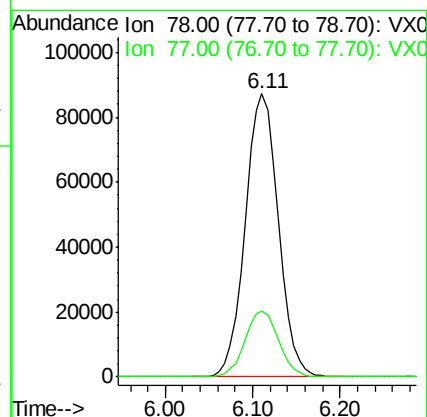
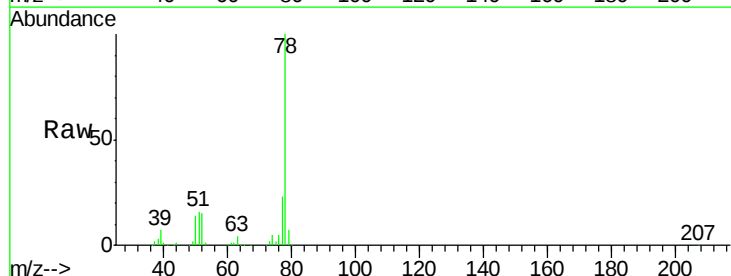
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

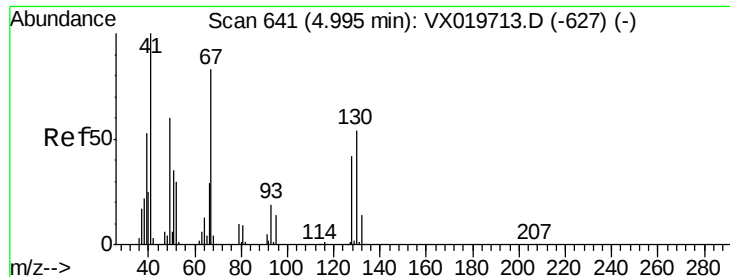
Tgt Ion: 83 Resp: 79295
Ion Ratio Lower Upper
83 100
55 76.5 58.9 88.3
98 48.5 38.1 57.1



#40
Benzene
Concen: 19.533 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 78 Resp: 228958
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41

Methacrylonitrile

Concen: 20.602 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

Tgt Ion: 41 Resp: 43825

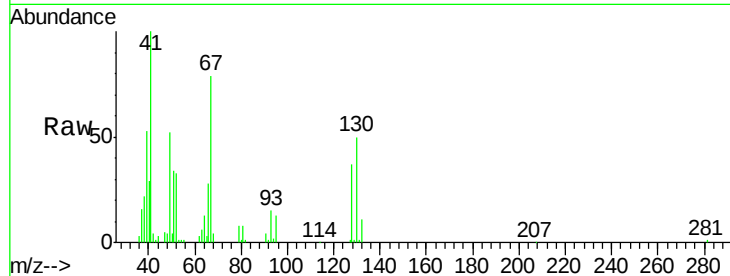
Ion Ratio Lower Upper

41 100

39 52.2 42.5 63.7

67 80.1 65.0 97.6

52 31.3 25.3 37.9

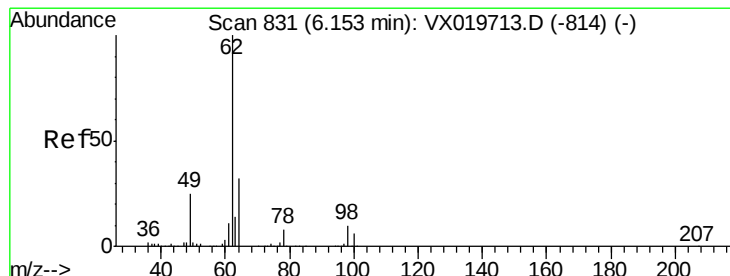
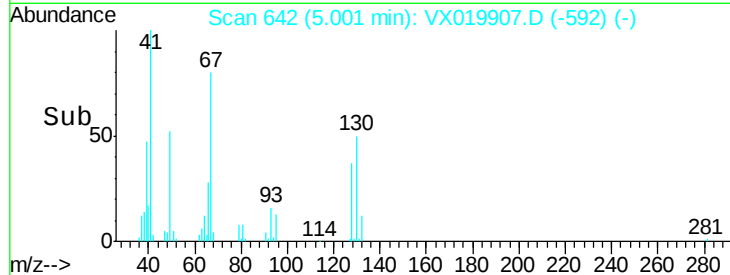
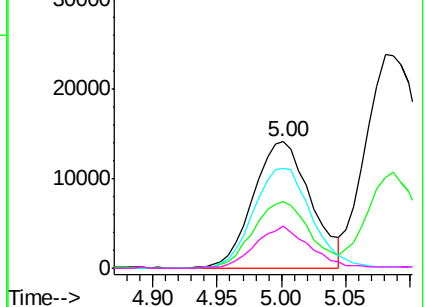


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.242 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019907.D

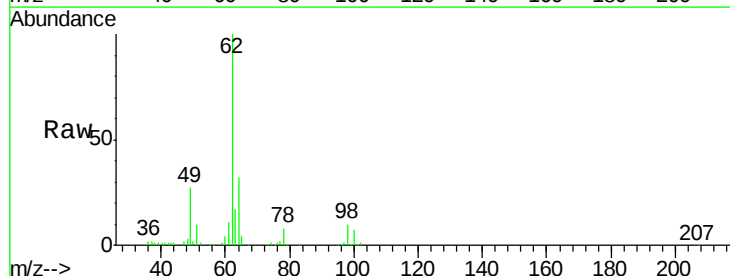
Acq: 12 Dec 2020 05:00

Tgt Ion: 62 Resp: 81069

Ion Ratio Lower Upper

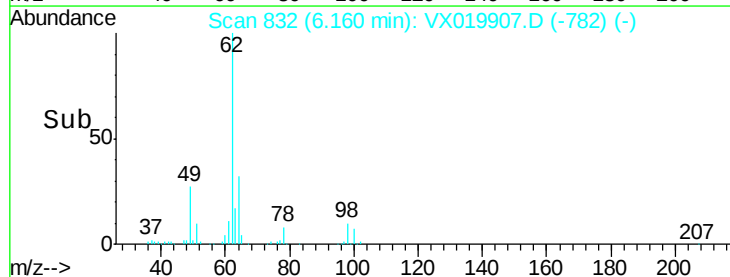
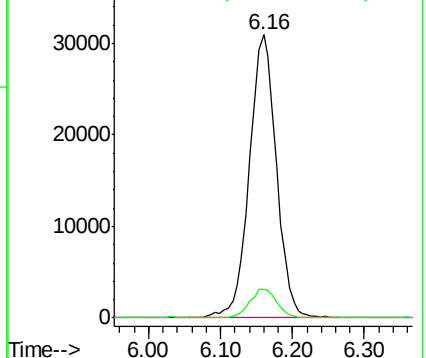
62 100

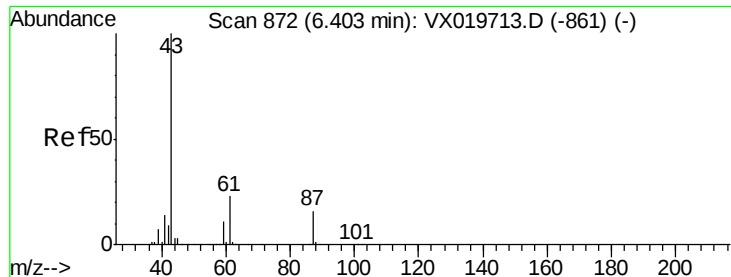
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.827 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

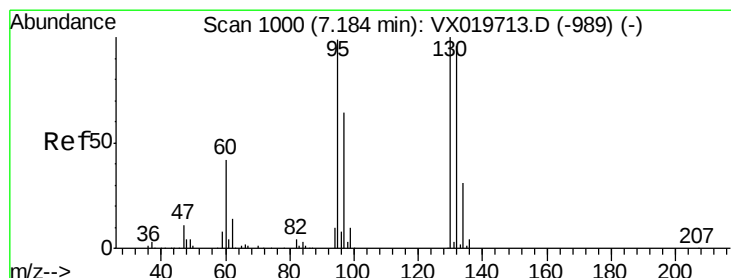
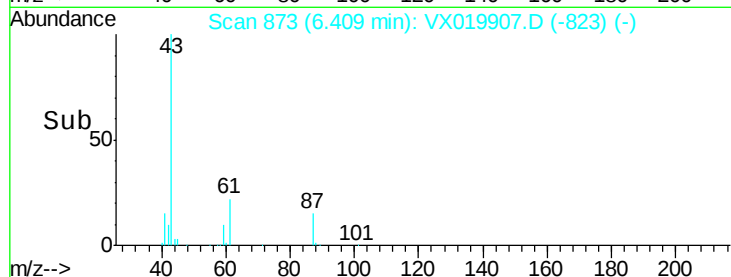
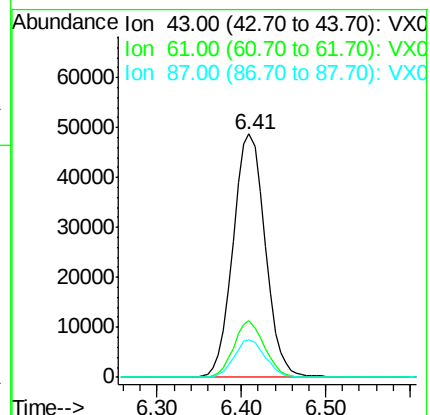
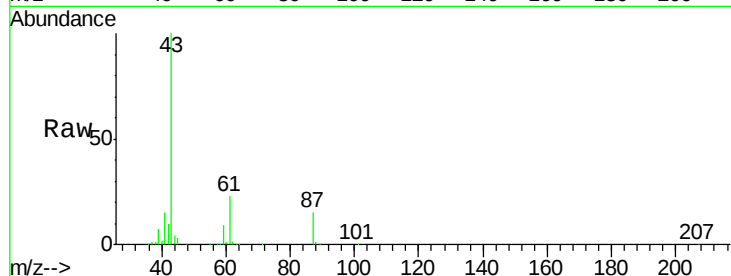
Tgt Ion: 43 Resp: 124891

Ion Ratio Lower Upper

43 100

61 22.3 18.2 27.4

87 15.0 12.5 18.7



#44

Trichloroethene

Concen: 19.090 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019907.D

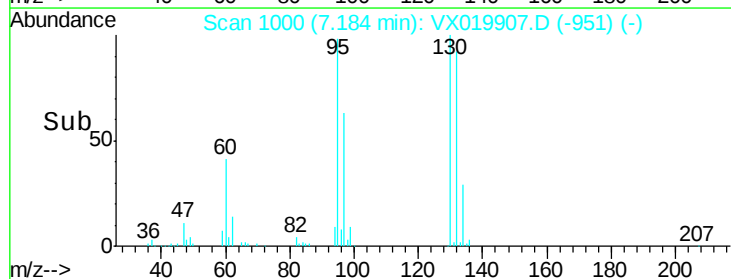
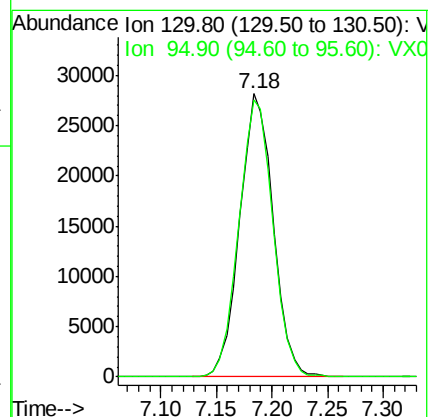
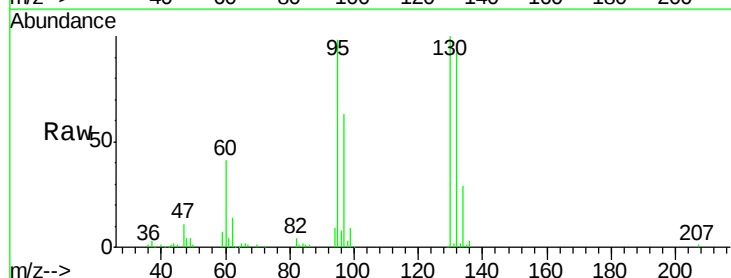
Acq: 12 Dec 2020 05:00

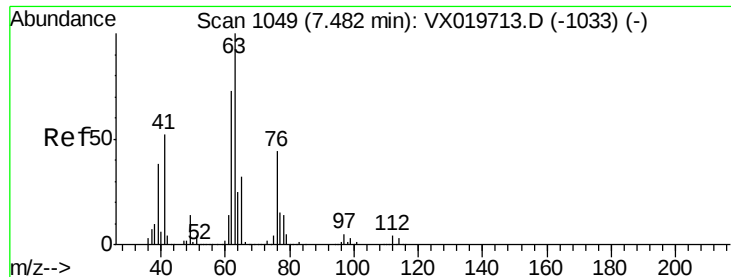
Tgt Ion: 130 Resp: 58713

Ion Ratio Lower Upper

130 100

95 97.8 0.0 198.0





#45

1,2-Dichloropropane

Concen: 20.079 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

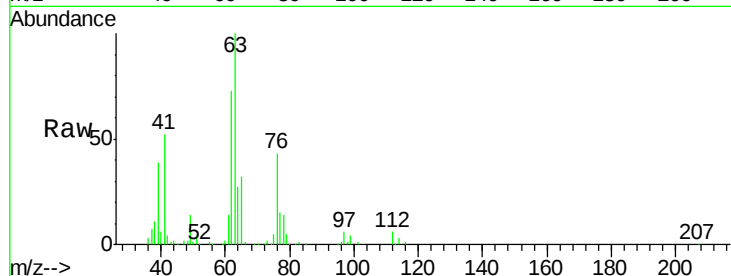
VX1211WBSD03

Tgt Ion: 63 Resp: 58825

Ion Ratio Lower Upper

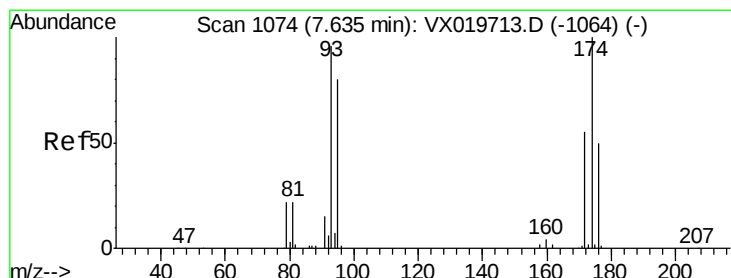
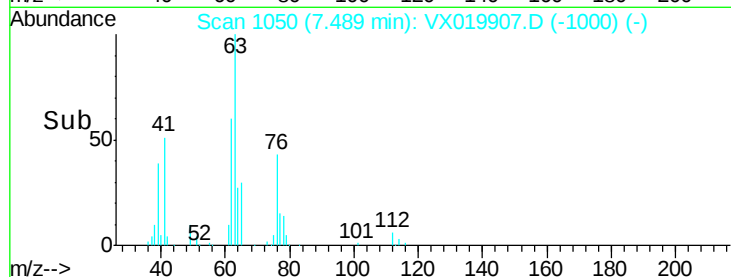
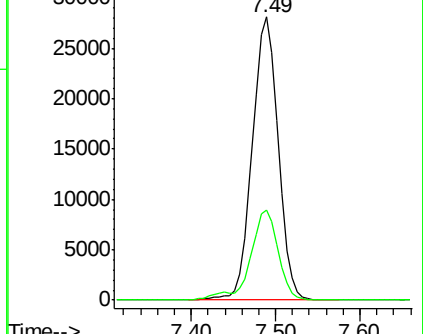
63 100

65 32.0 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.745 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

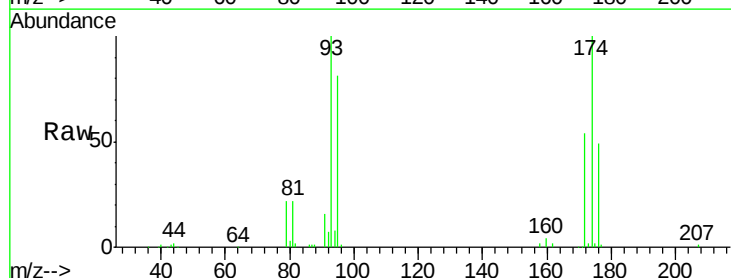
Tgt Ion: 93 Resp: 39063

Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

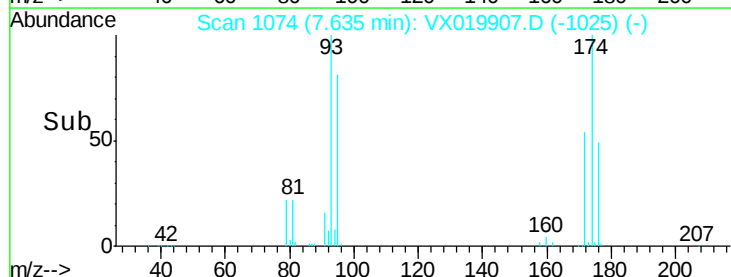
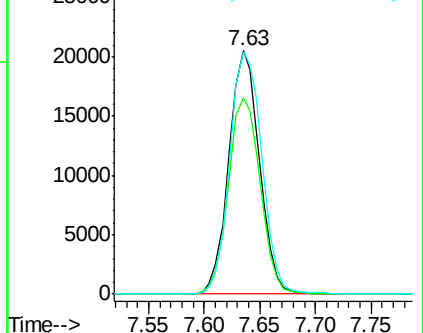
174 104.5 83.1 124.7

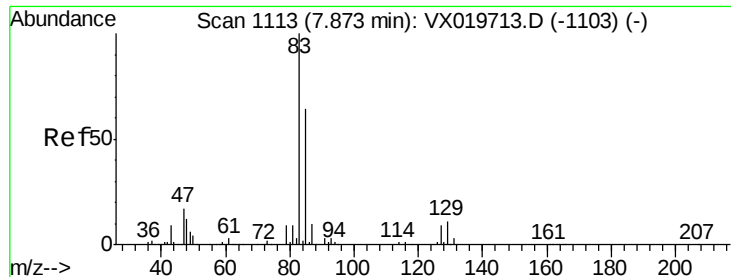


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.678 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

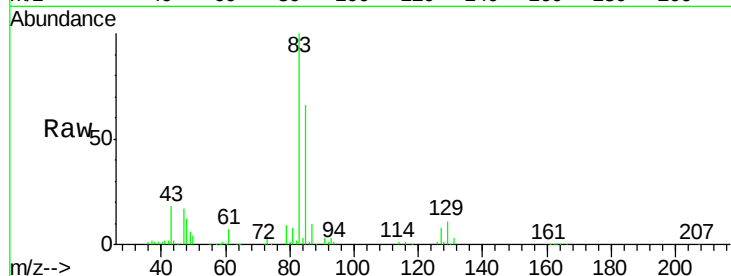
Tgt Ion: 83 Resp: 77252

Ion Ratio Lower Upper

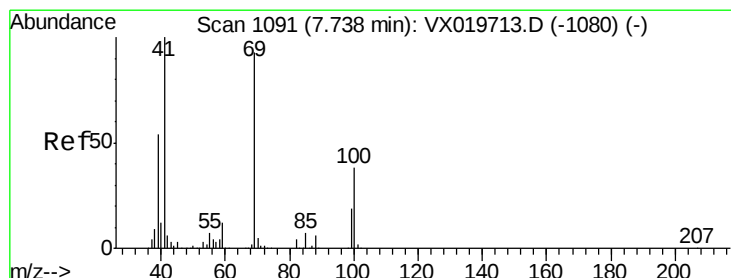
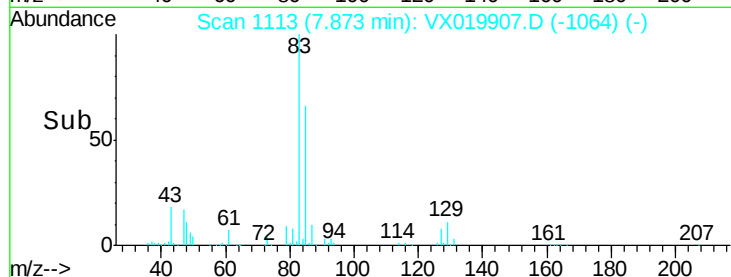
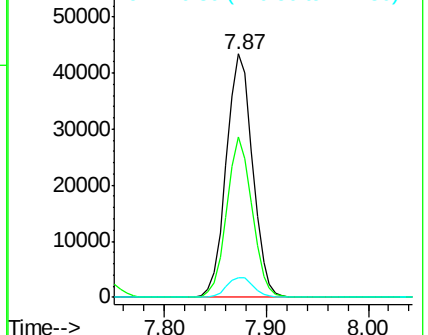
83 100

85 66.1 51.4 77.0

127 8.0 6.8 10.2



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



#48

Methyl methacrylate

Concen: 19.905 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

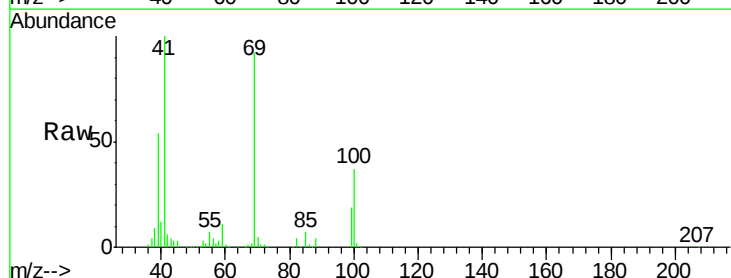
Tgt Ion: 41 Resp: 61663

Ion Ratio Lower Upper

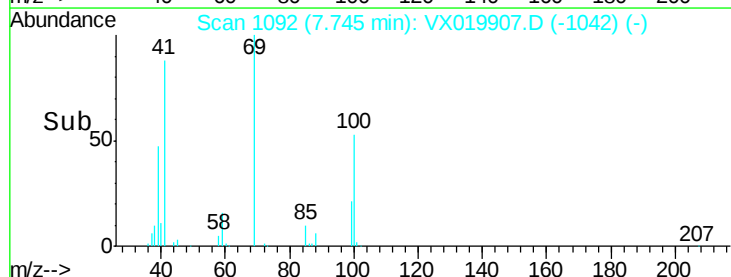
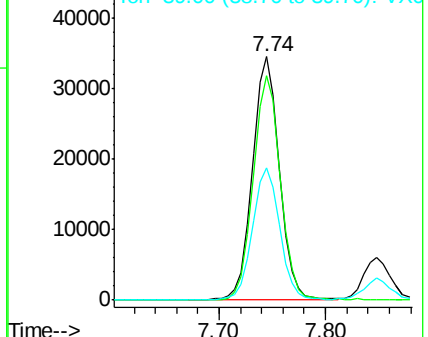
41 100

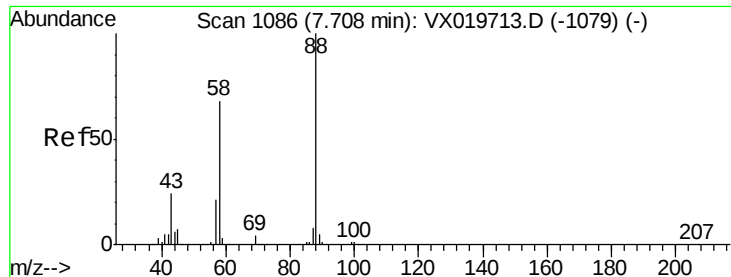
69 92.6 76.0 114.0

39 55.0 44.6 67.0



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

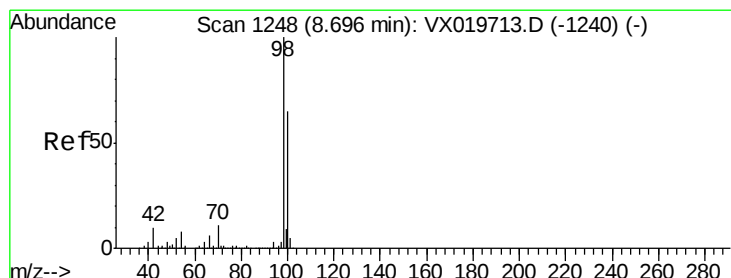
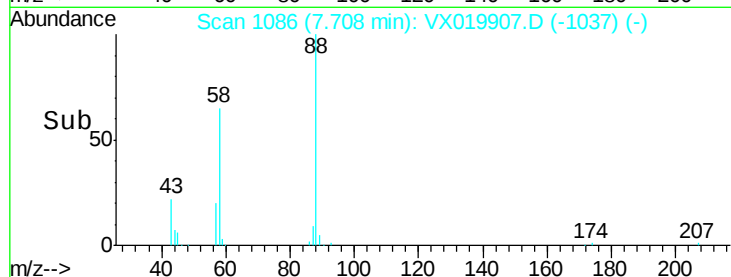
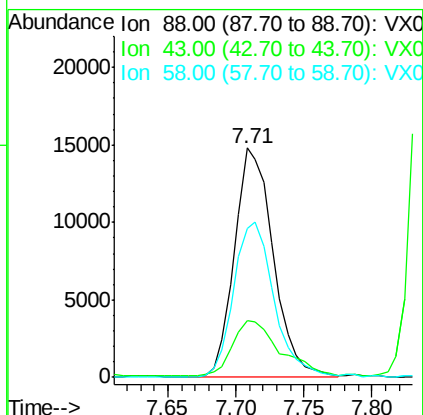
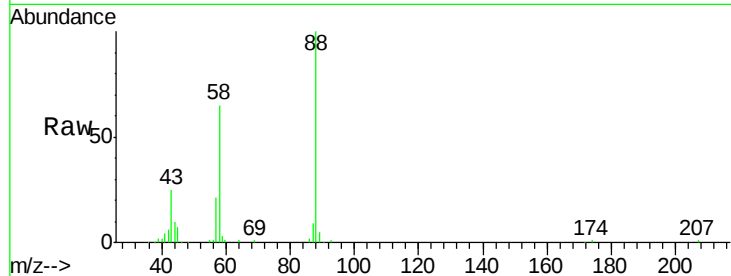




#49
1,4-Dioxane
Concen: 394.410 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

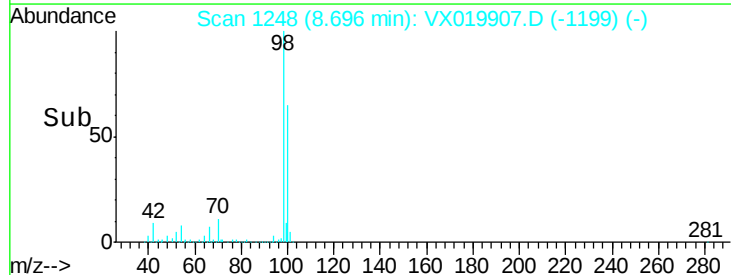
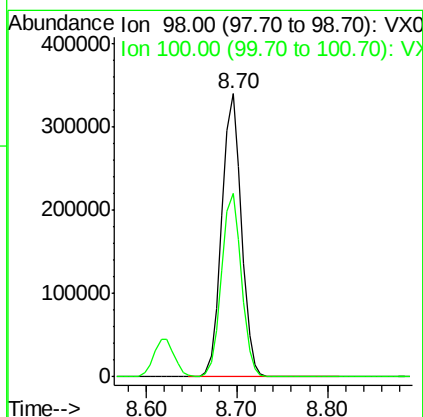
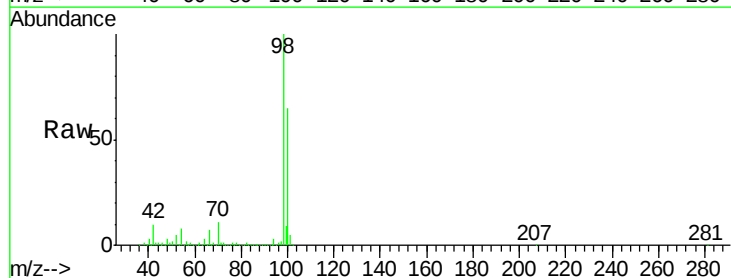
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

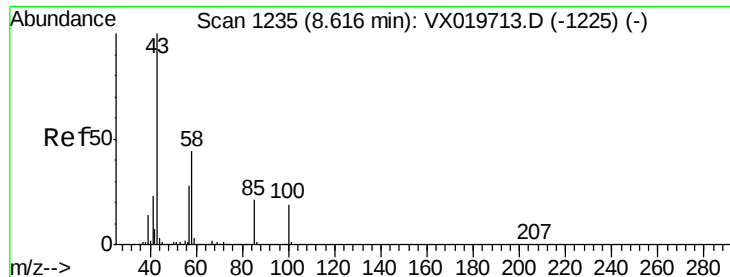
Tgt Ion: 88 Resp: 29599
Ion Ratio Lower Upper
88 100
43 29.3 23.2 34.8
58 71.1 55.0 82.4



#50
Toluene-d8
Concen: 49.012 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 98 Resp: 513538
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

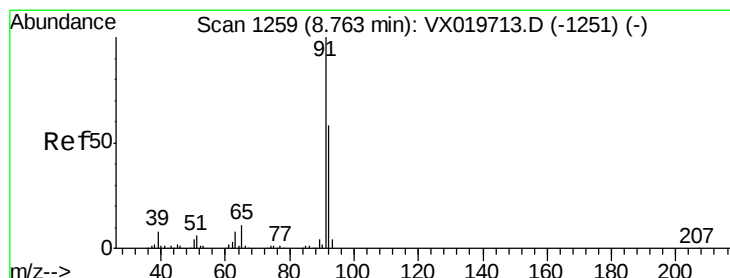
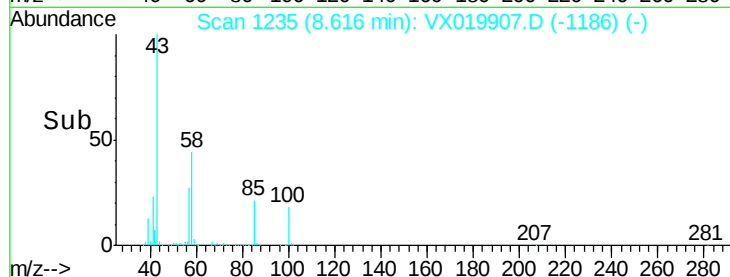
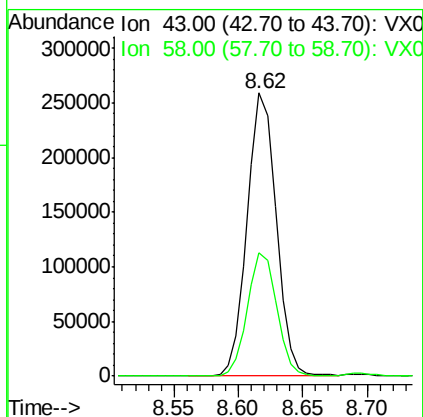
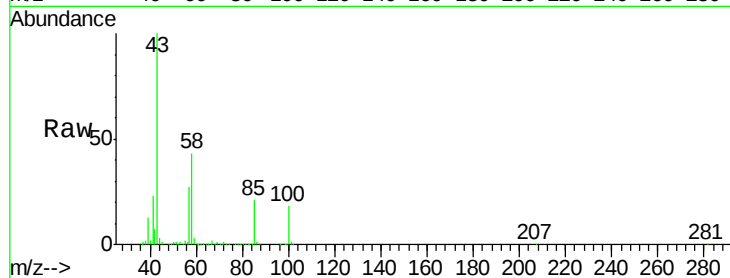




#51
 4-Methyl-2-Pentanone
 Concen: 104.884 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

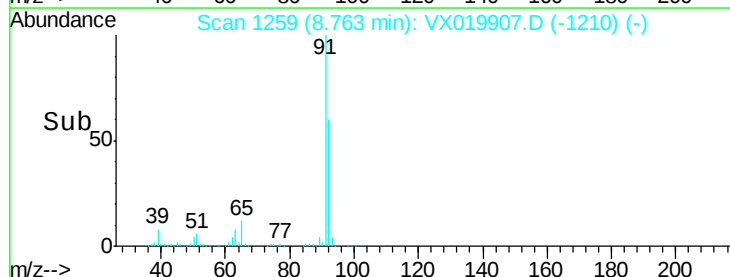
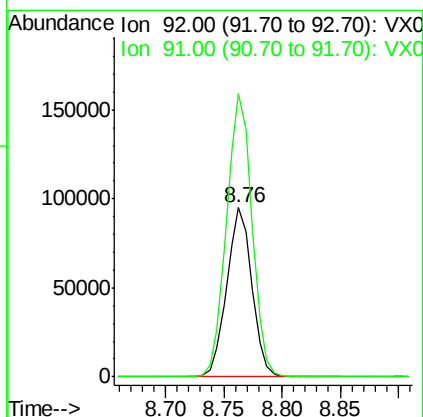
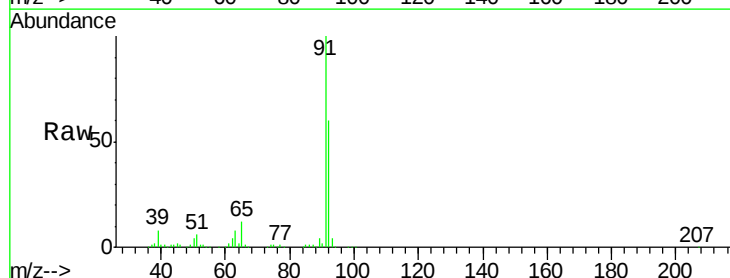
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

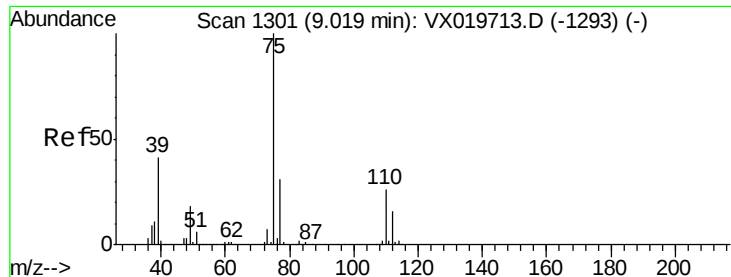
Tgt Ion: 43 Resp: 403357
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.4 53.0



#52
 Toluene
 Concen: 19.342 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion: 92 Resp: 141804
 Ion Ratio Lower Upper
 92 100
 91 170.7 137.1 205.7

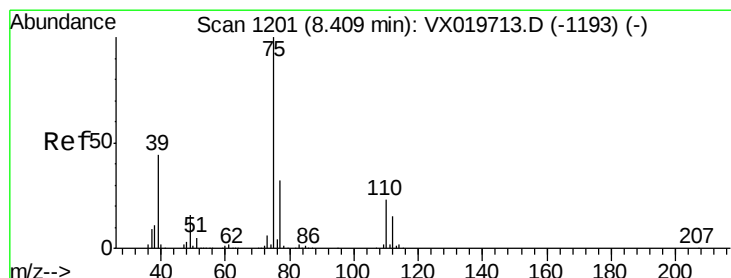
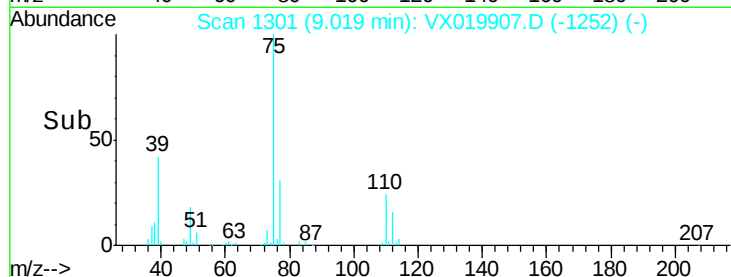
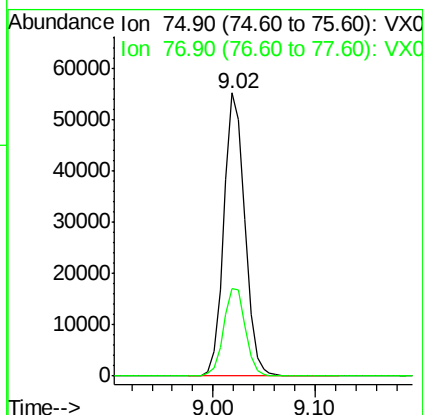
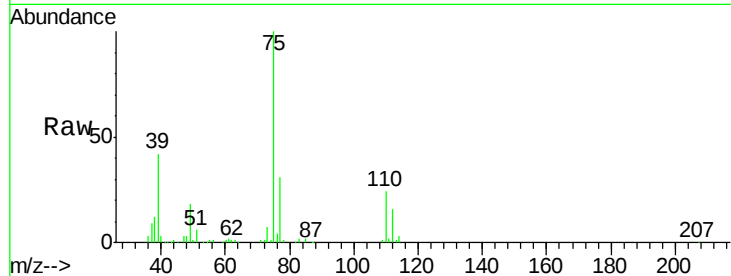




#53
t-1,3-Dichloropropene
Concen: 18.079 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

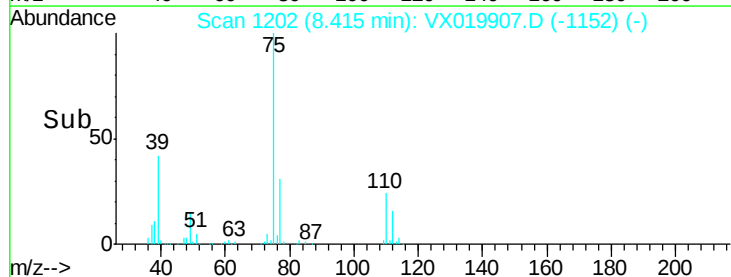
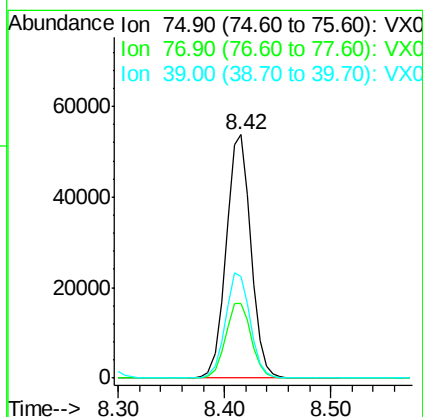
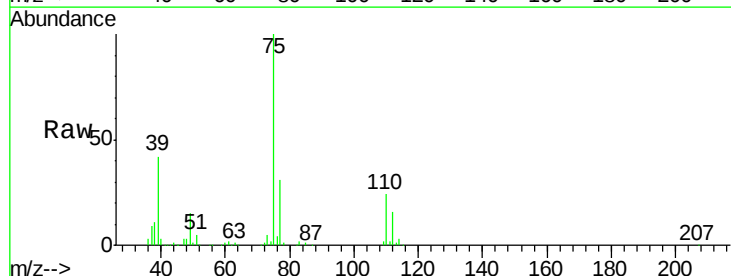
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

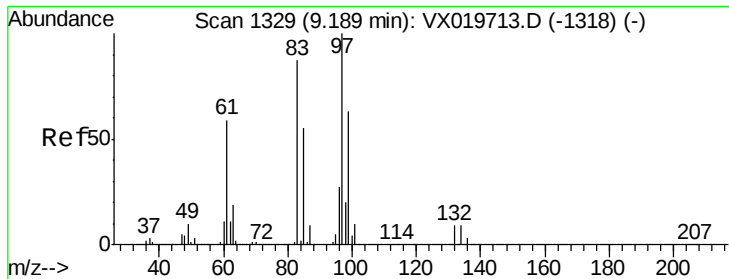
Tgt Ion: 75 Resp: 78760
Ion Ratio Lower Upper
75 100
77 31.2 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 18.470 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 75 Resp: 87415
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5
39 41.6 35.1 52.7

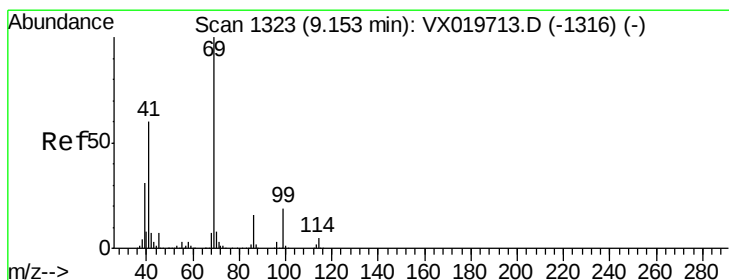
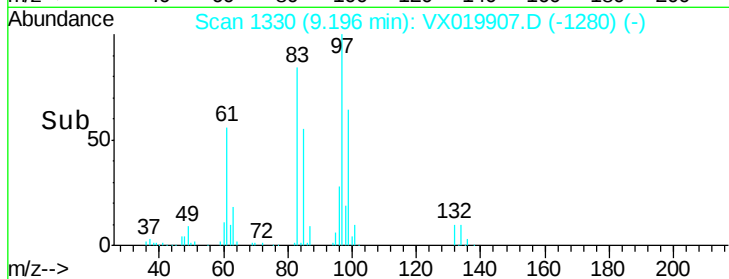
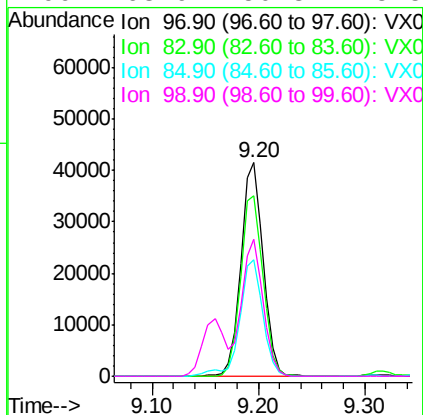
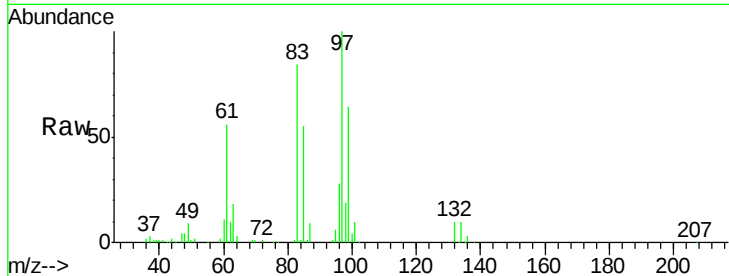




#55
 1,1,2-Trichloroethane
 Concen: 20.594 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

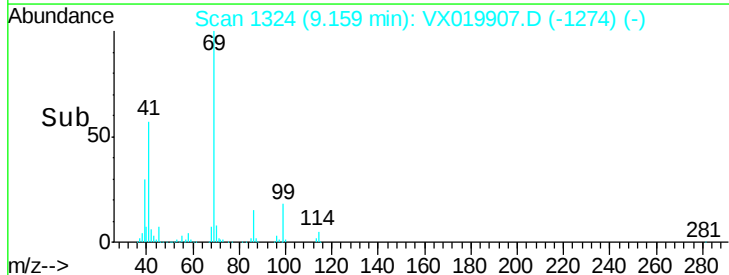
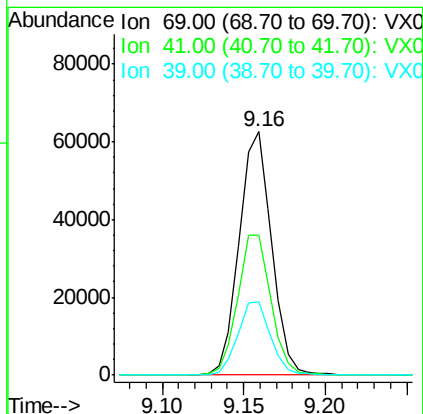
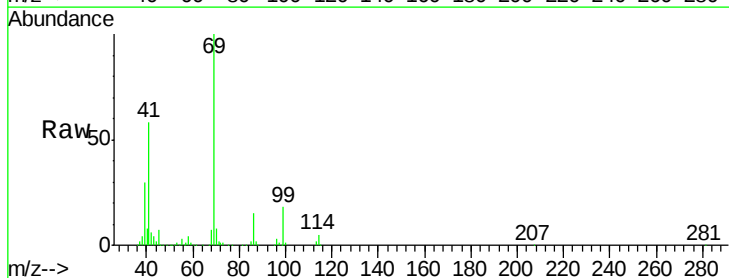
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

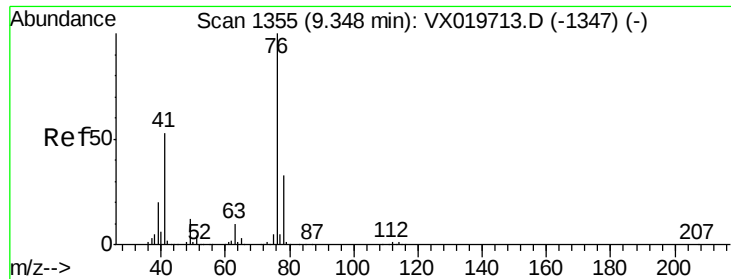
Tgt Ion:	97	Resp:	60843
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.3	103.9
85	54.7	44.3	66.5
99	63.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.408 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion:	69	Resp:	86751
Ion	Ratio	Lower	Upper
69	100		
41	60.1	46.8	70.2
39	30.7	24.7	37.1

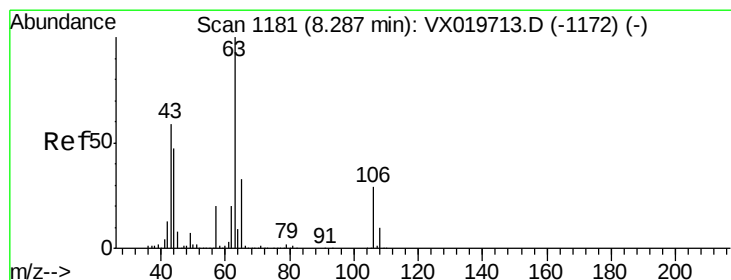
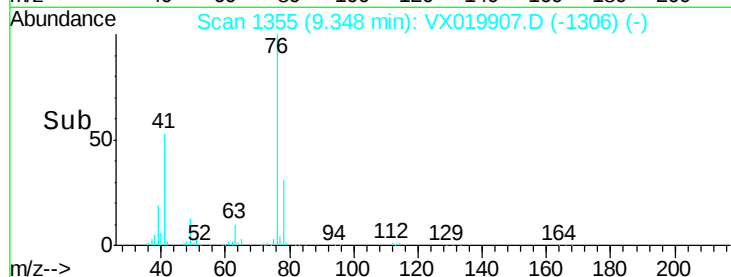
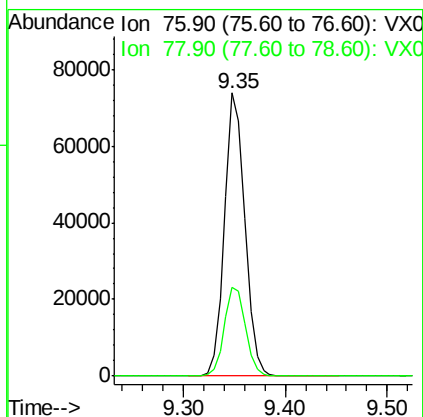
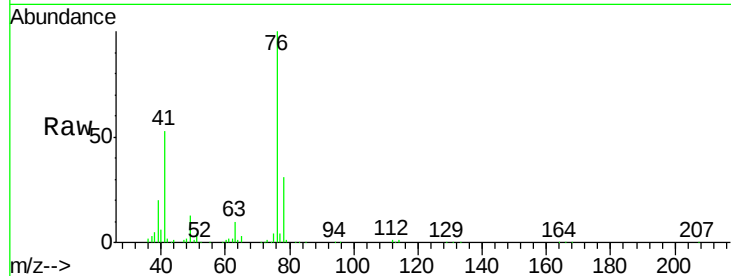




#57
 1,3-Dichloropropane
 Concen: 20.310 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

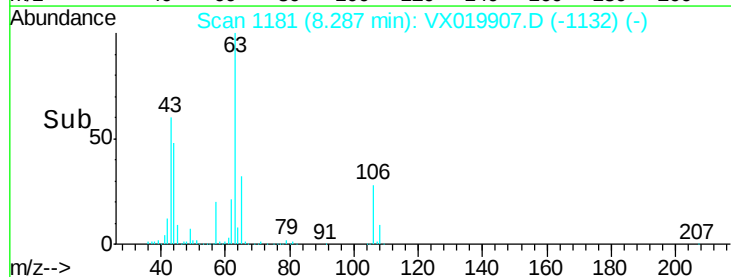
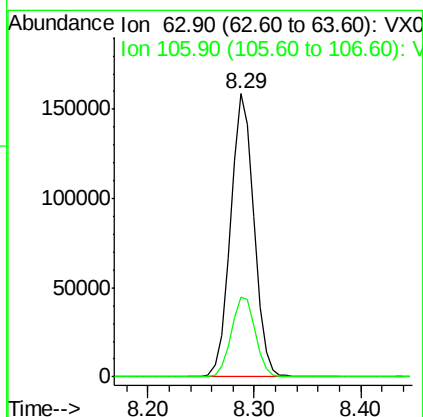
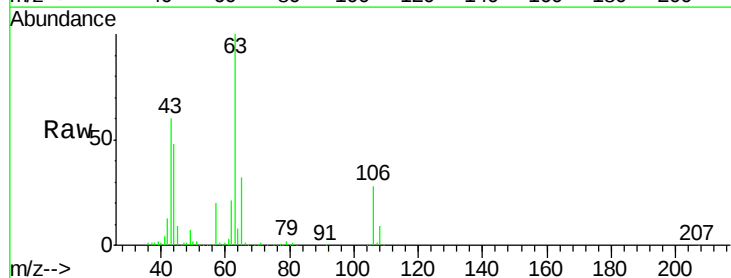
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

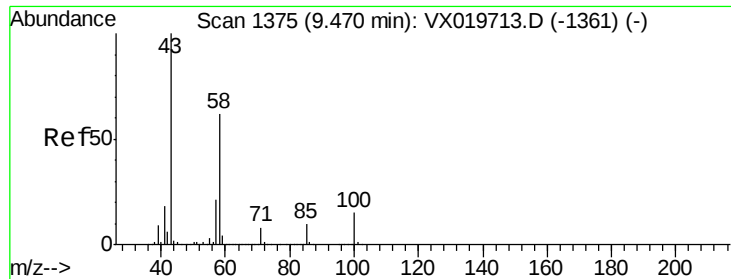
Tgt Ion: 76 Resp: 102457
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.520 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion: 63 Resp: 245135
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3

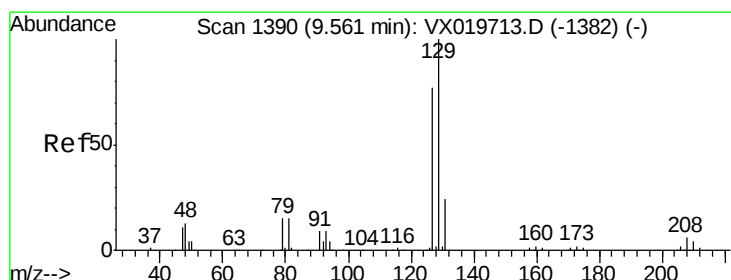
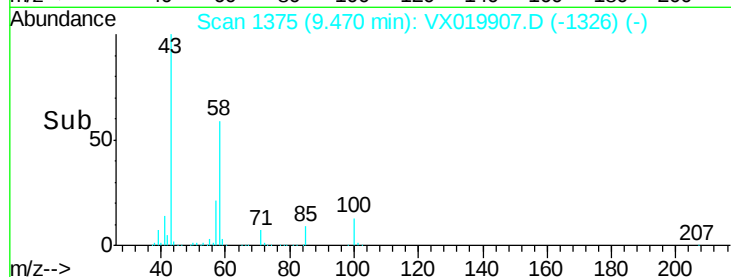
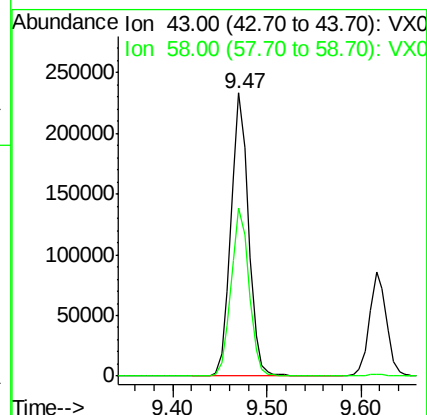
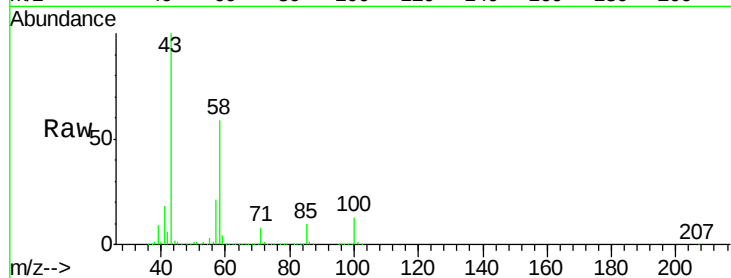




#59
2-Hexanone
Concen: 101.763 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

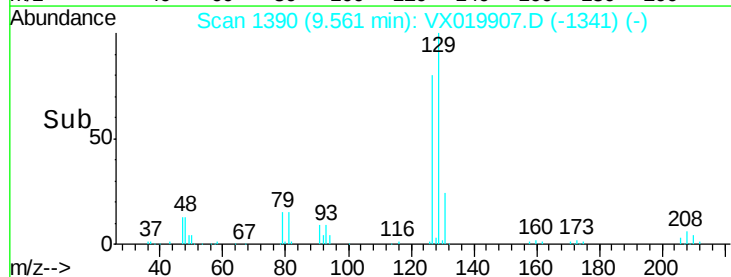
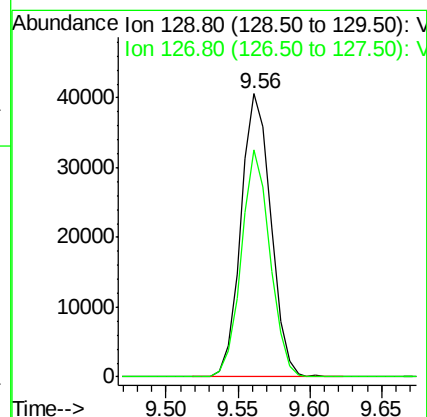
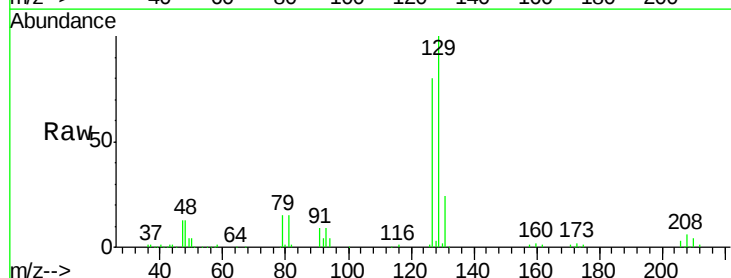
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

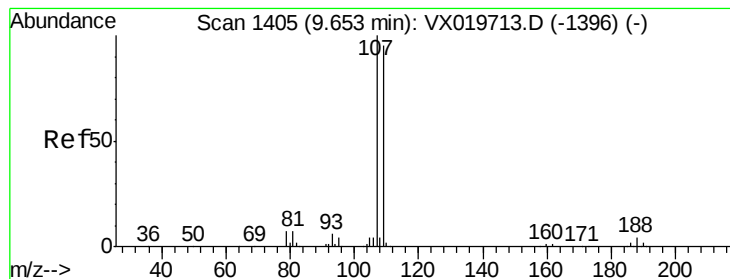
Tgt Ion: 43 Resp: 303351
Ion Ratio Lower Upper
43 100
58 60.7 30.9 92.8



#60
Dibromochloromethane
Concen: 19.571 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 129 Resp: 58745
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.720 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

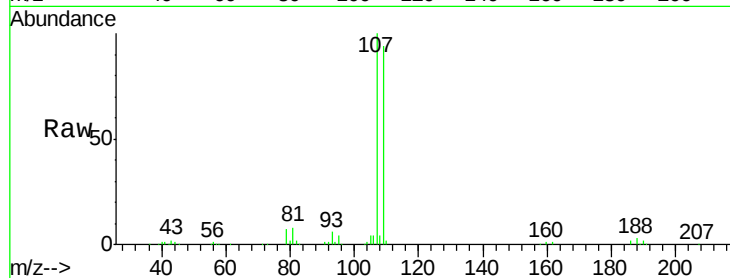
VX1211WBSD03

Tgt Ion: 107 Resp: 61865

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.6

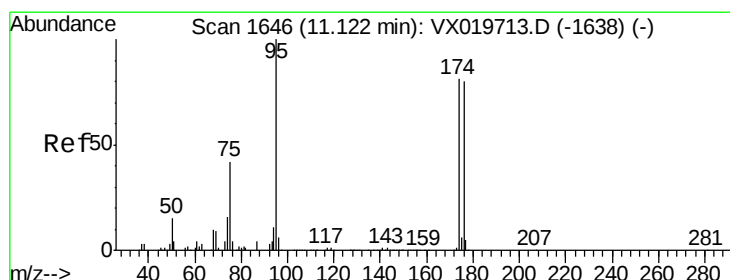
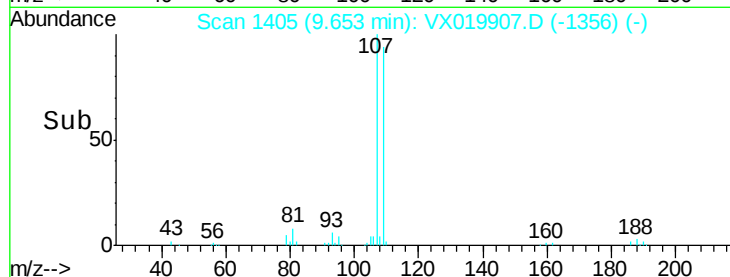


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.419 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

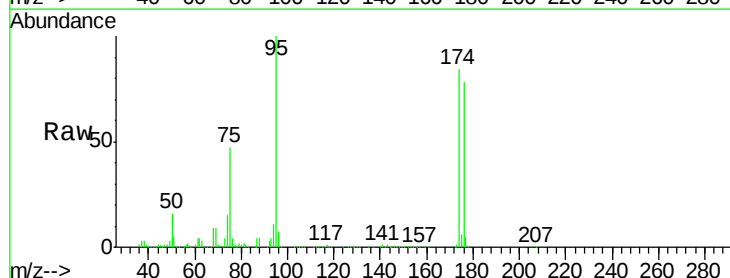
Tgt Ion: 95 Resp: 189106

Ion Ratio Lower Upper

95 100

174 79.6 0.0 154.6

176 75.3 0.0 155.8



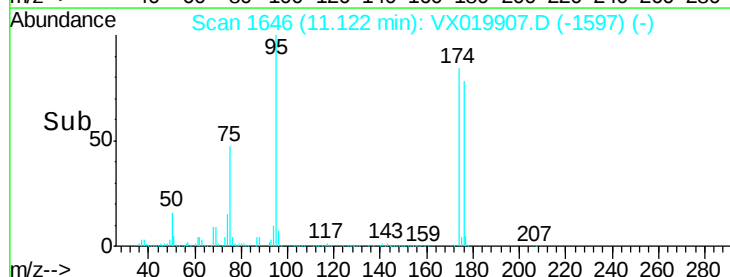
Abundance Ion 94.90 (94.60 to 95.60): VX0

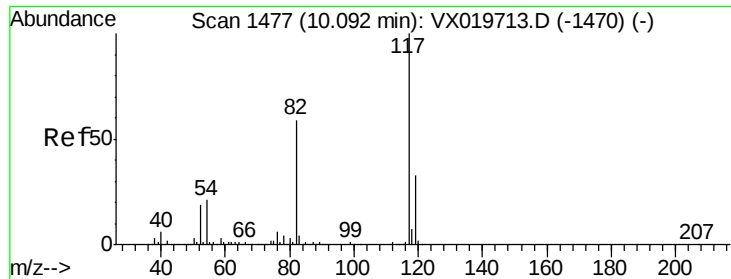
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

Time--> 11.10 11.20

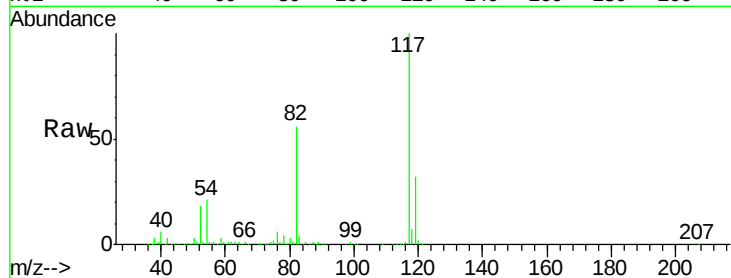




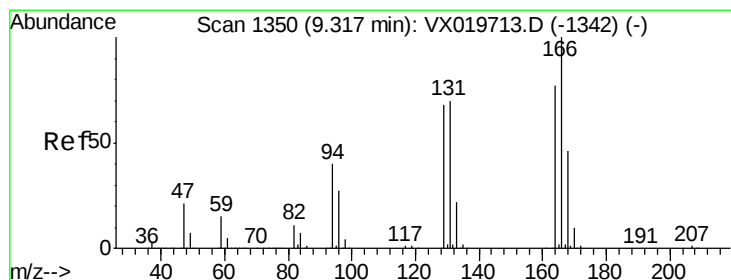
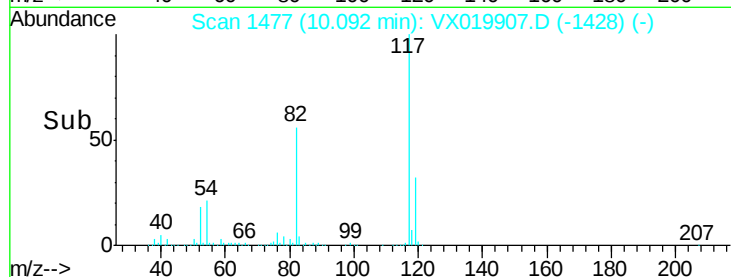
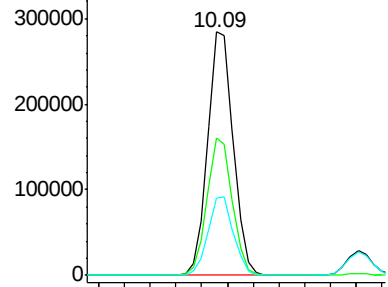
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

Tgt Ion:117 Resp: 393514
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.6 26.6 39.8

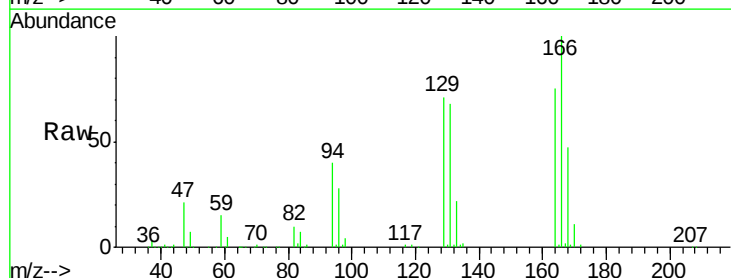


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

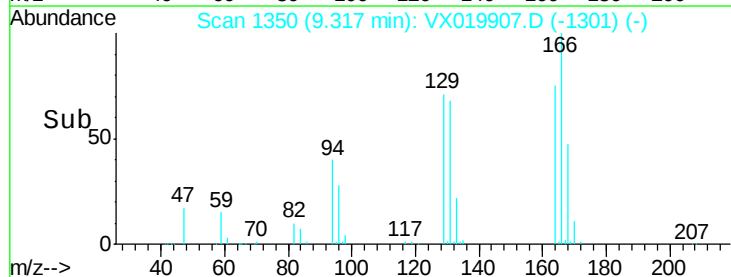
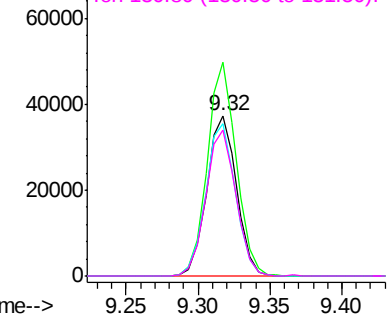


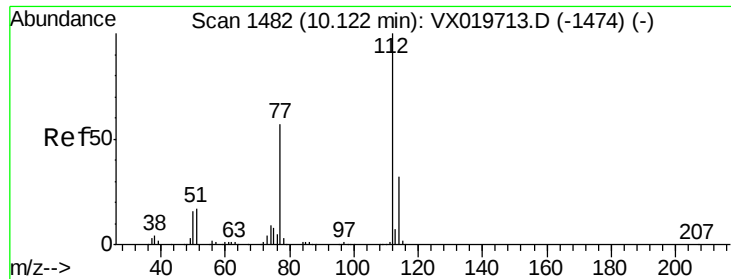
#64
Tetrachloroethene
Concen: 20.303 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion:164 Resp: 53580
Ion Ratio Lower Upper
164 100
166 133.0 103.4 155.2
129 95.1 70.8 106.2
131 90.7 72.5 108.7



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

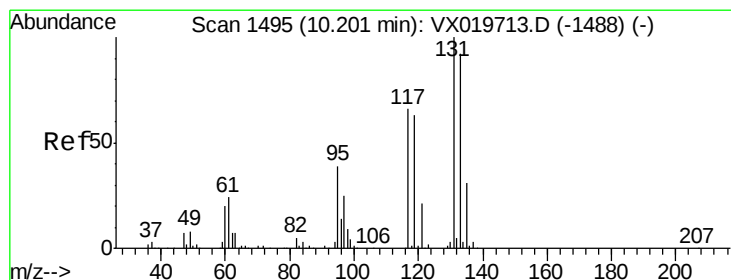
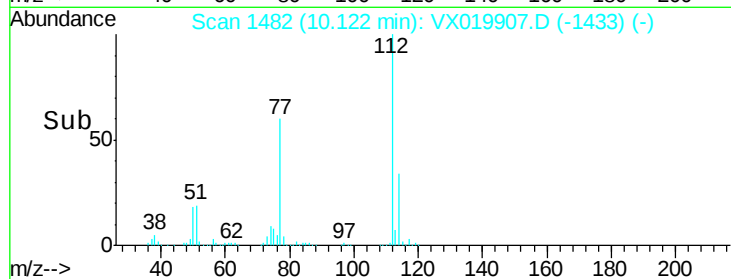
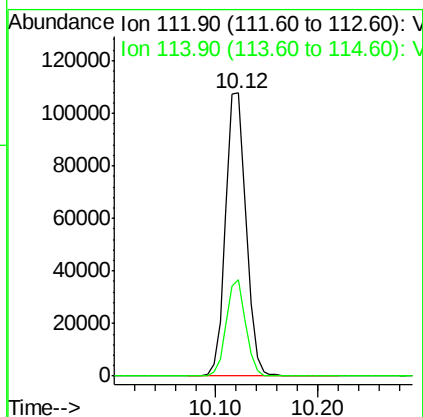
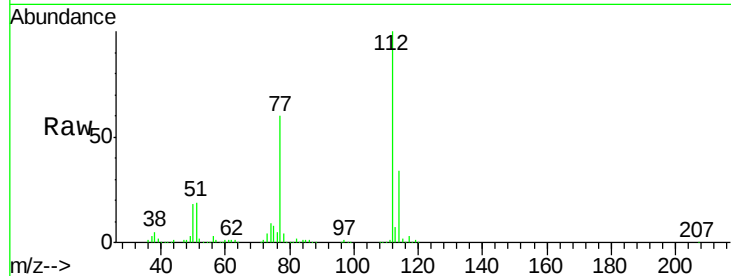




#65
Chlorobenzene
Concen: 19.069 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

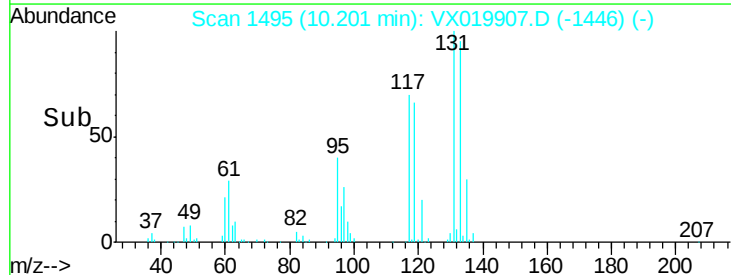
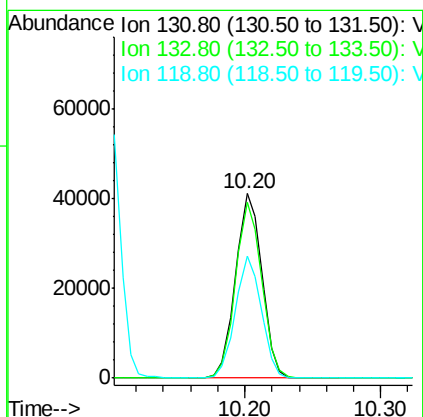
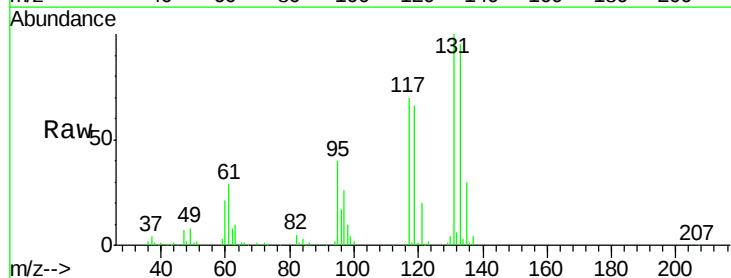
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

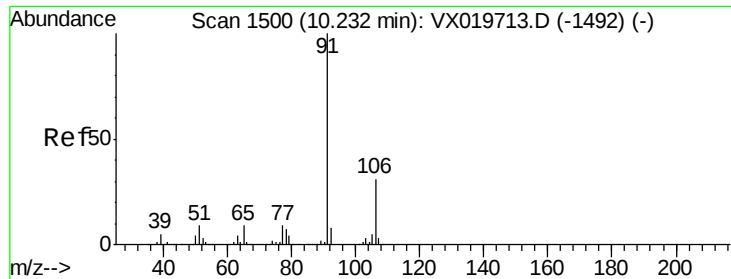
Tgt Ion:112 Resp: 149503
Ion Ratio Lower Upper
112 100
114 34.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.744 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion:131 Resp: 55713
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 65.5 32.1 96.5





#67

Ethyl Benzene

Concen: 18.864 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

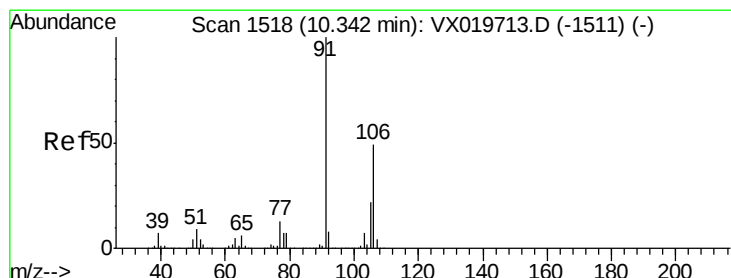
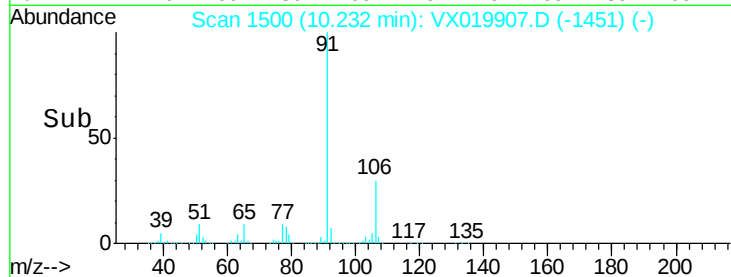
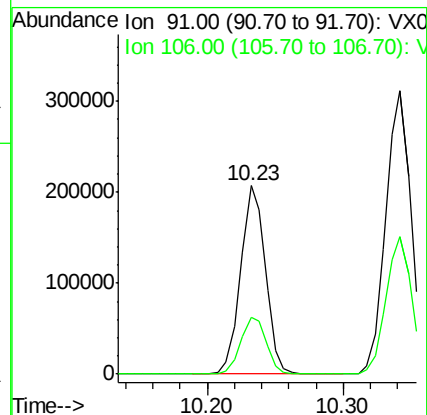
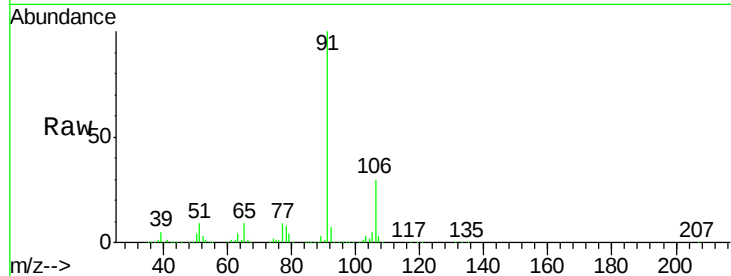
VX1211WBSD03

Tgt Ion: 91 Resp: 262520

Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0



#68

m/p-Xylenes

Concen: 37.820 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019907.D

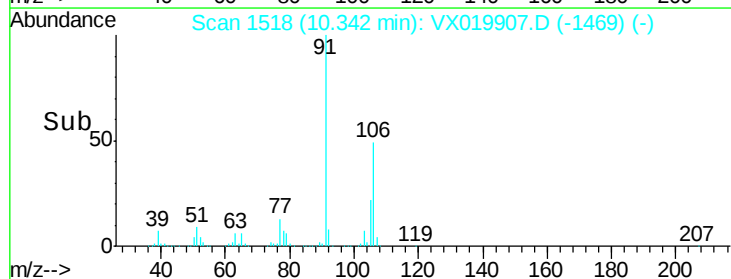
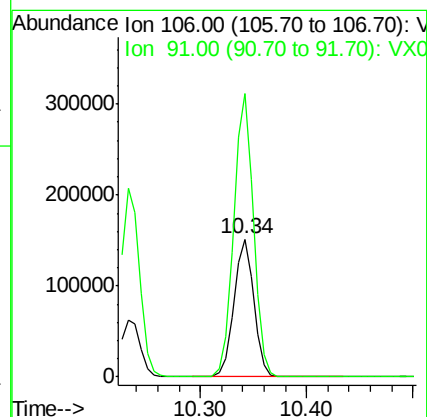
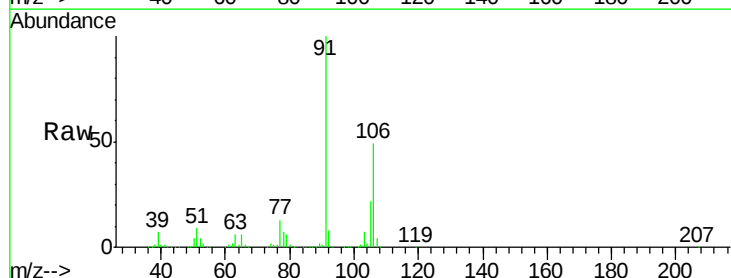
Acq: 12 Dec 2020 05:00

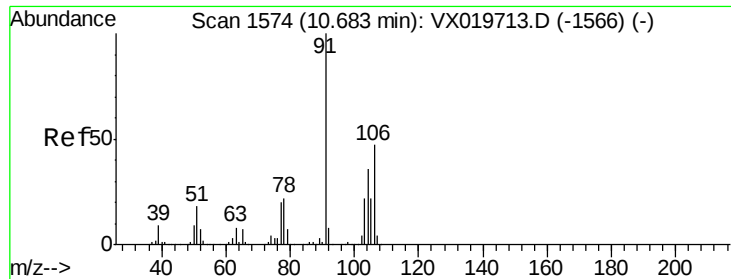
Tgt Ion: 106 Resp: 198320

Ion Ratio Lower Upper

106 100

91 204.2 162.8 244.2

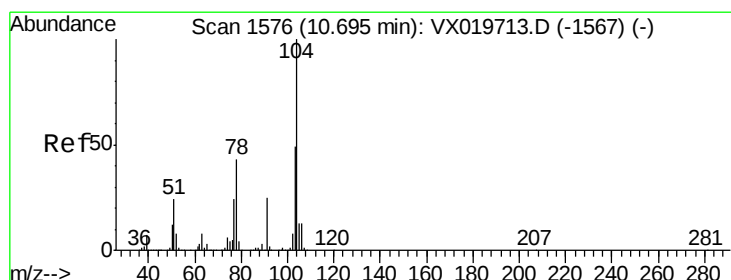
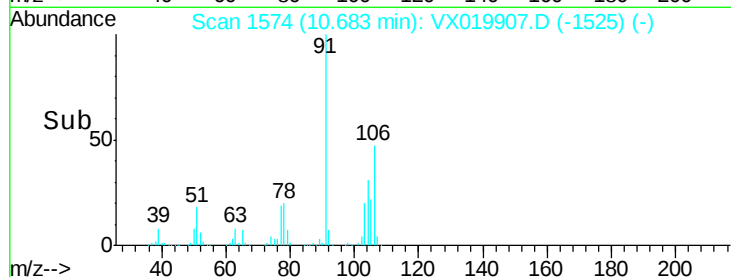
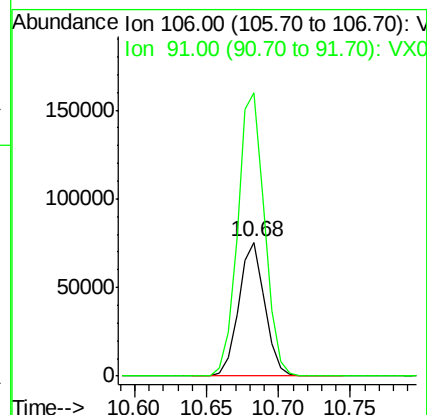
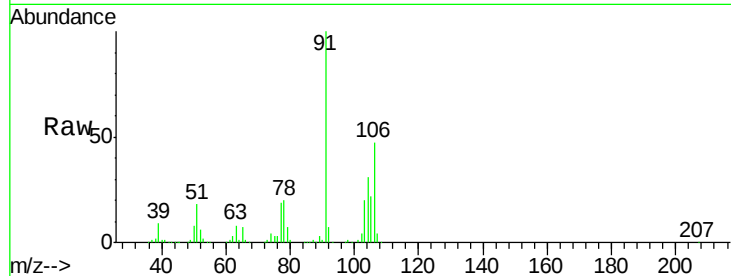




#69
o-Xylene
Concen: 18.865 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

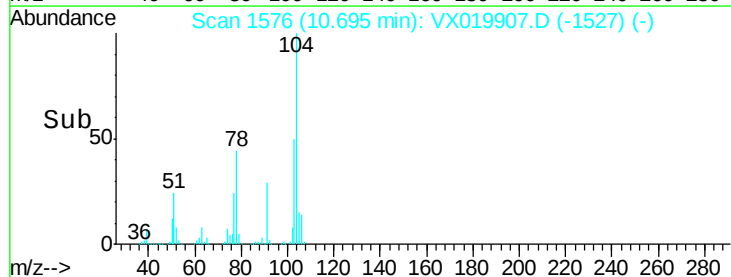
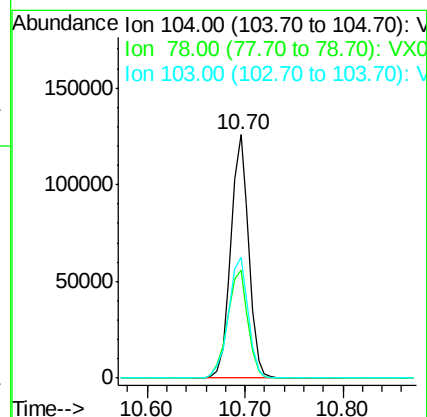
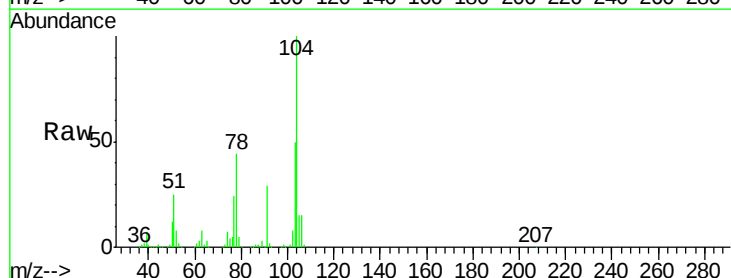
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

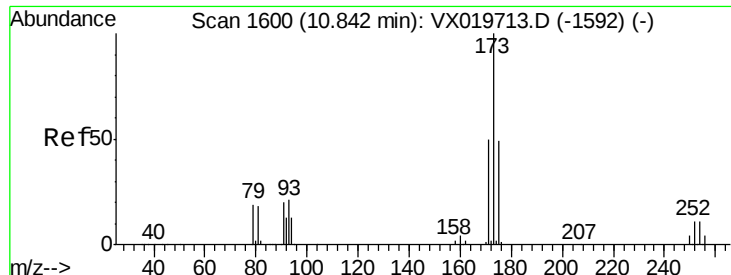
Tgt Ion:106 Resp: 95161
Ion Ratio Lower Upper
106 100
91 218.6 108.1 324.2



#70
Styrene
Concen: 18.772 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion:104 Resp: 159824
Ion Ratio Lower Upper
104 100
78 50.1 40.0 60.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 18.311 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

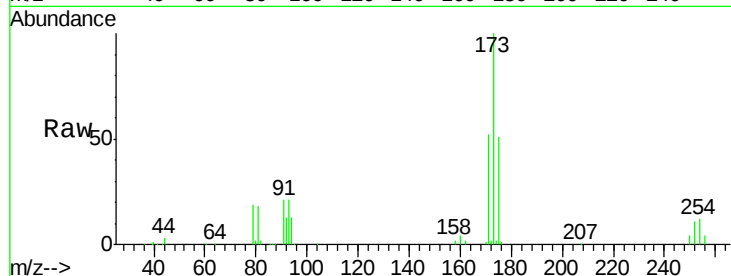
Tgt Ion:173 Resp: 40648

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

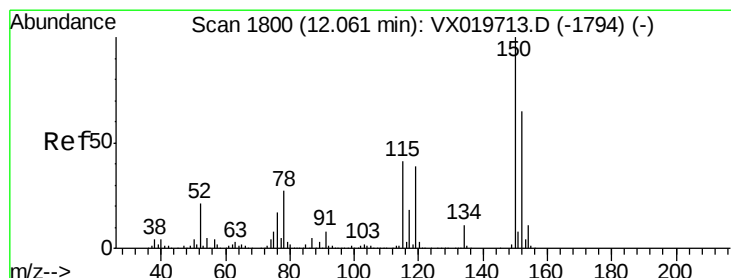
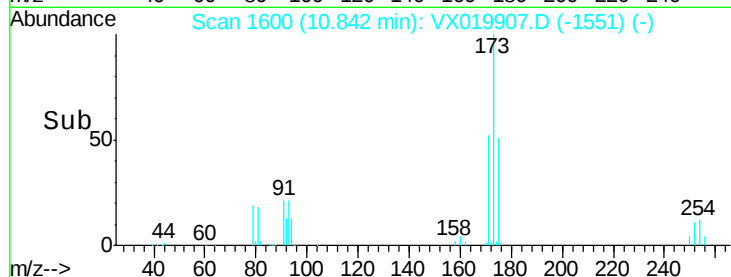
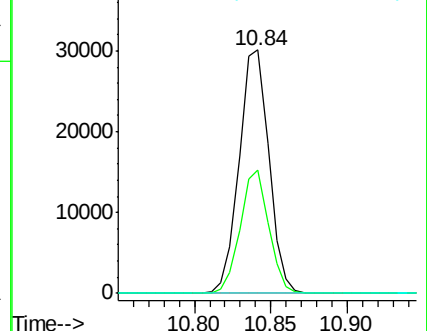
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

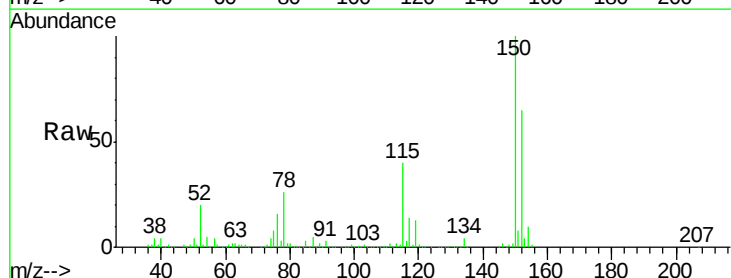
Tgt Ion:152 Resp: 188529

Ion Ratio Lower Upper

152 100

115 68.8 41.1 123.3

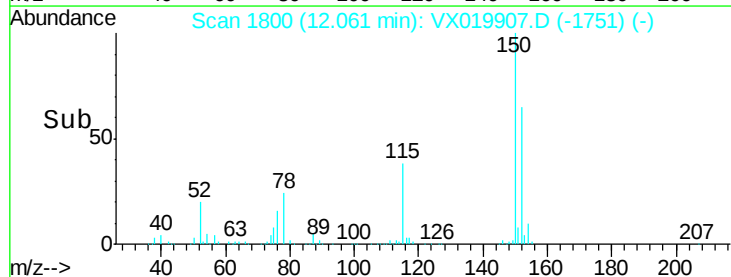
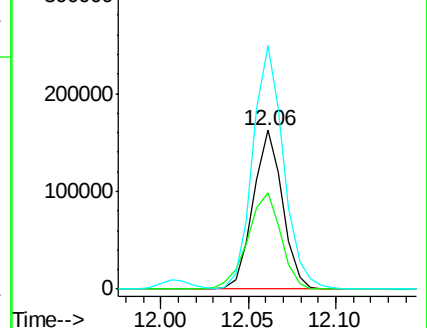
150 161.3 0.0 349.0

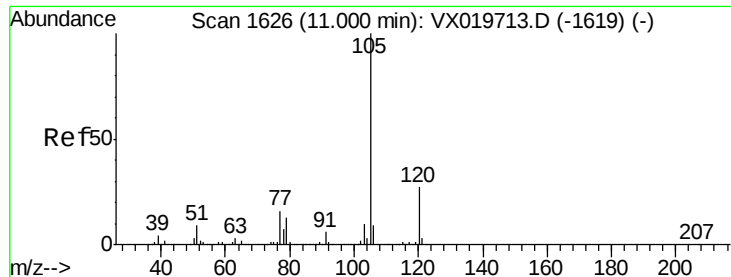


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.643 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

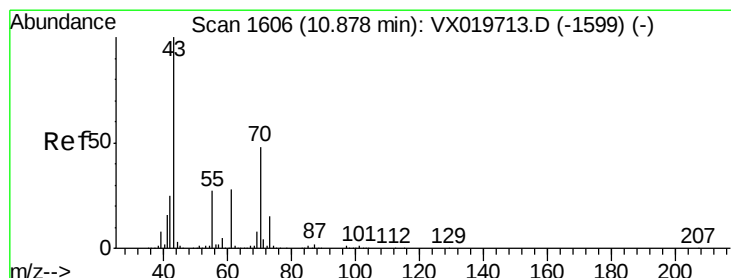
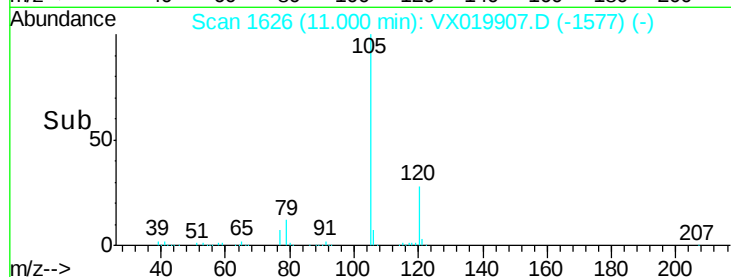
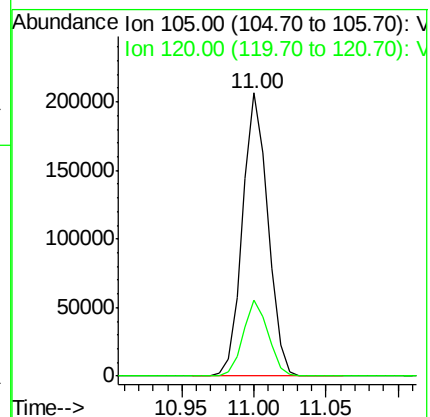
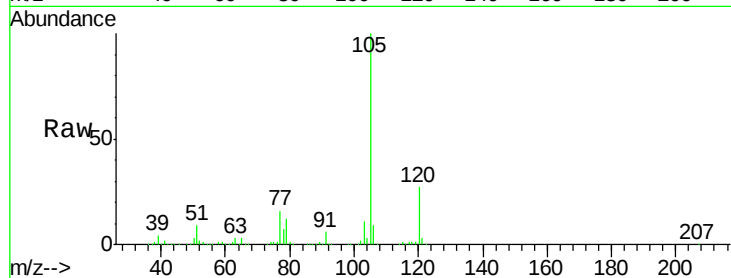
VX1211WBSD03

Tgt Ion: 105 Resp: 253013

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 19.360 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Tgt Ion: 43 Resp: 99930

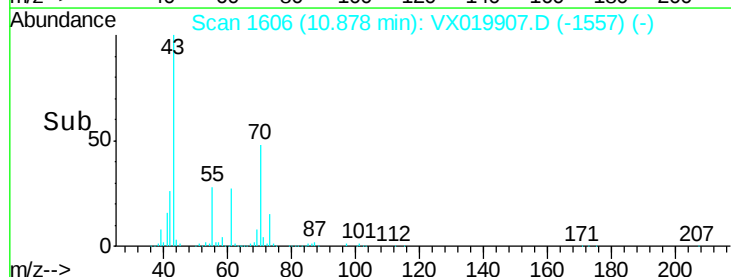
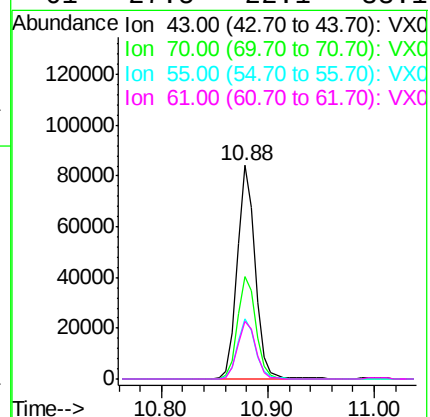
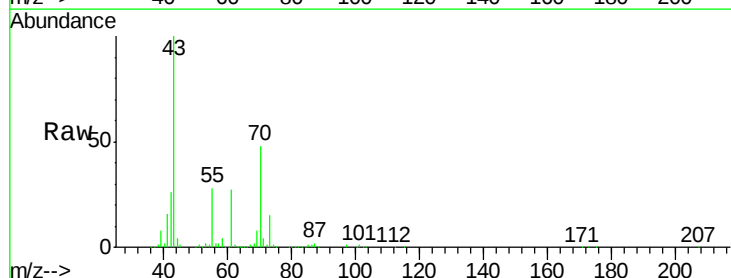
Ion Ratio Lower Upper

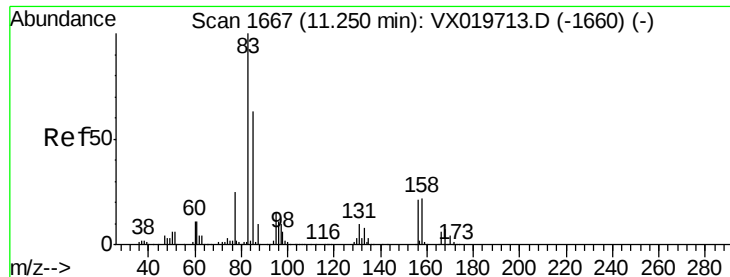
43 100

70 49.0 39.0 58.6

55 28.4 21.5 32.3

61 27.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.863 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

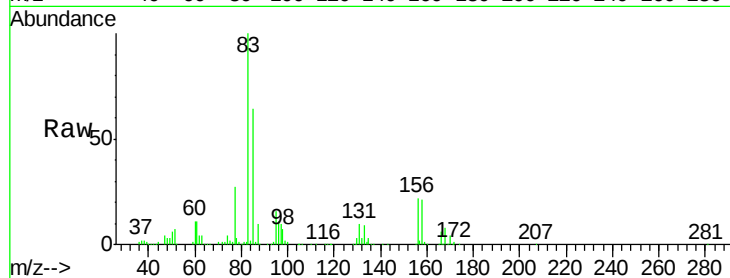
Tgt Ion: 83 Resp: 94741

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

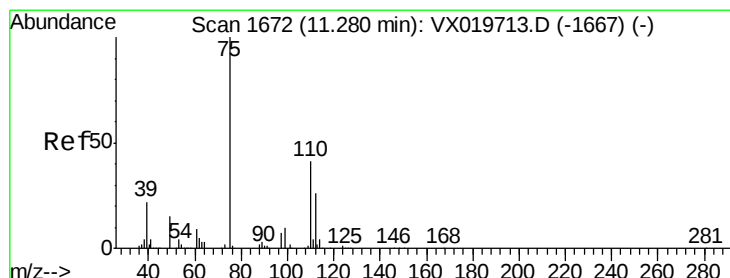
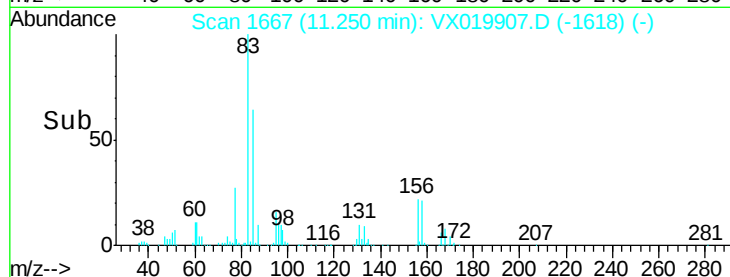
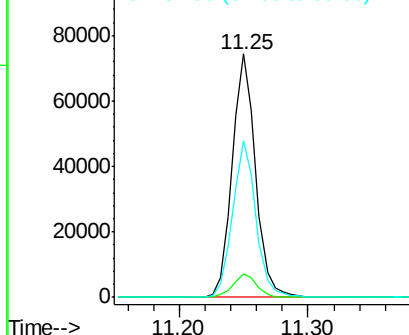
85 64.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.365 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019907.D

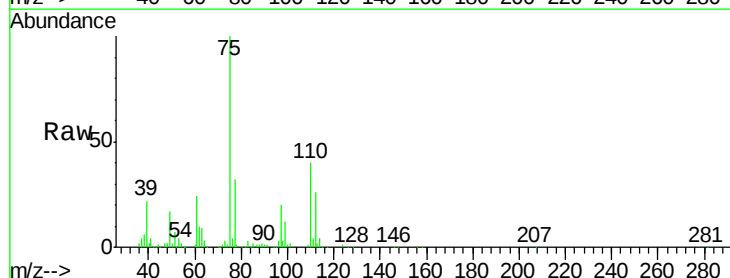
Acq: 12 Dec 2020 05:00

Tgt Ion: 75 Resp: 103024

Ion Ratio Lower Upper

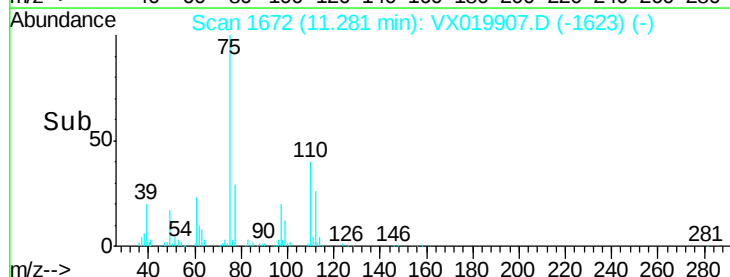
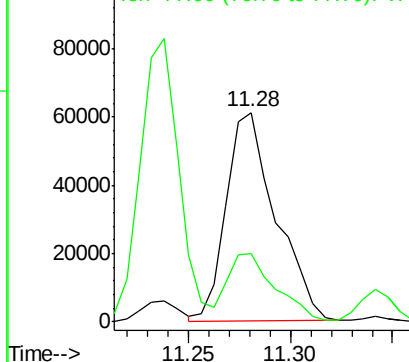
75 100

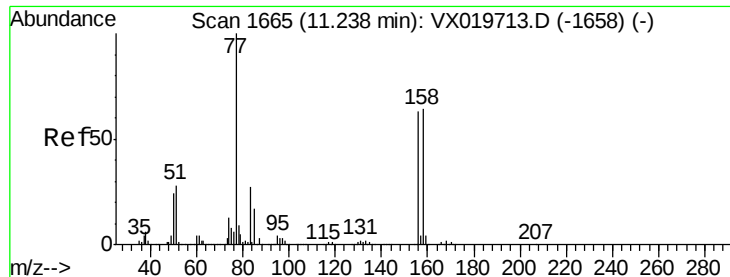
77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.677 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

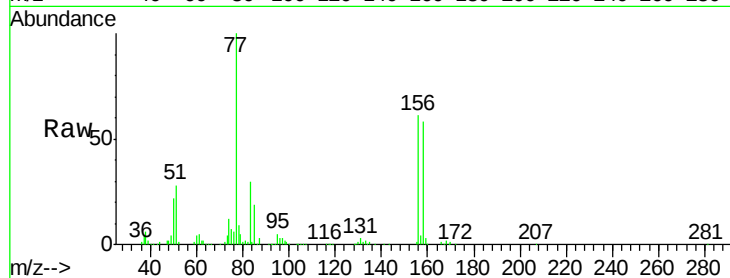
Tgt Ion:156 Resp: 64860

Ion Ratio Lower Upper

156 100

77 168.4 82.8 248.6

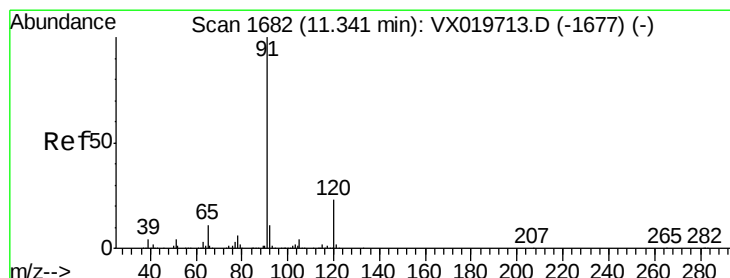
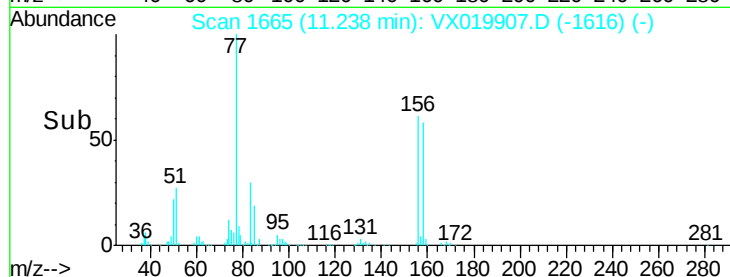
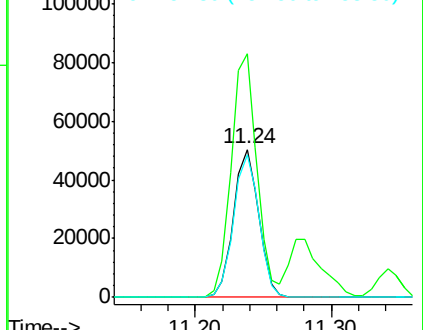
158 97.2 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.428 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019907.D

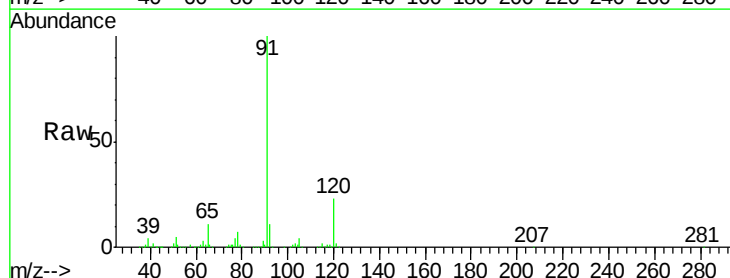
Acq: 12 Dec 2020 05:00

Tgt Ion: 91 Resp: 285803

Ion Ratio Lower Upper

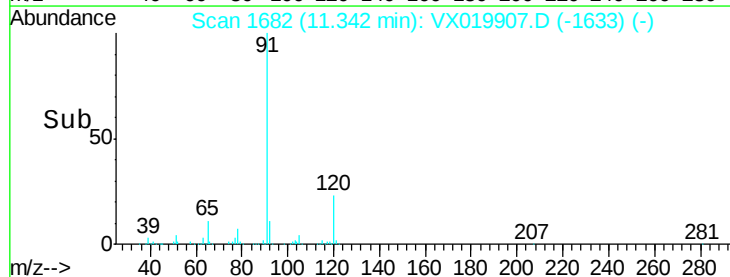
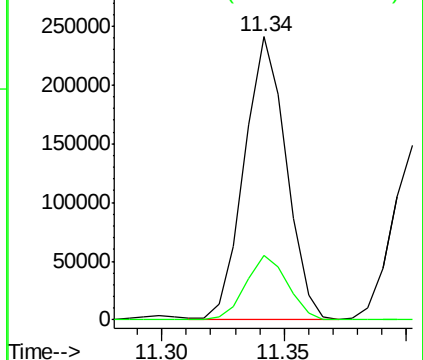
91 100

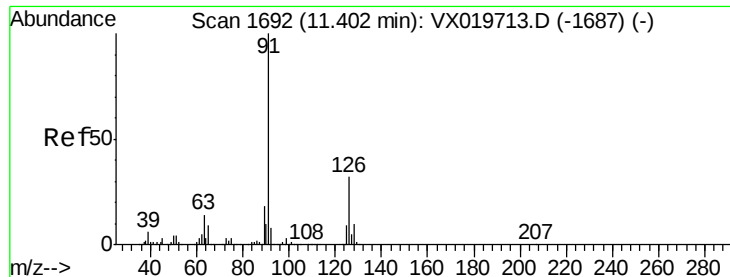
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.827 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

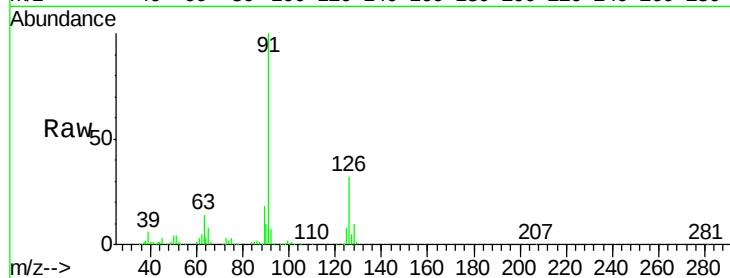
VX1211WBSD03

Tgt Ion: 91 Resp: 179618

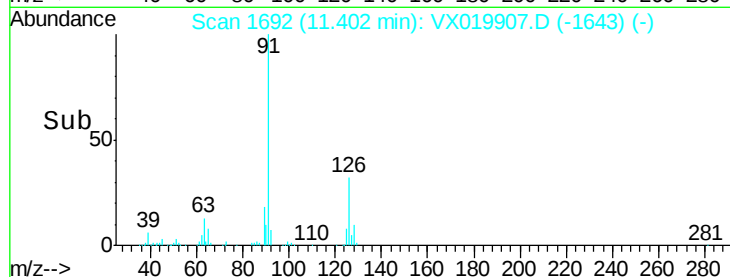
Ion Ratio Lower Upper

91 100

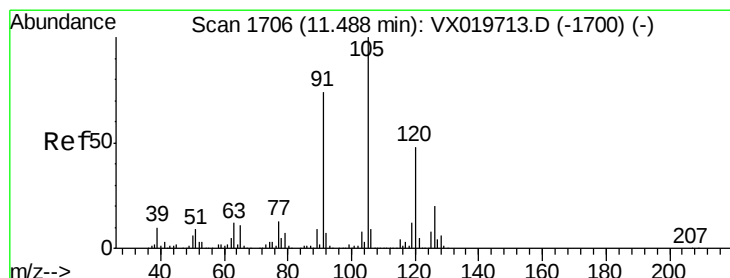
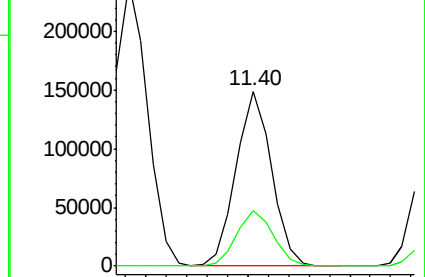
126 32.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX019907.D (-1643) (-)



Ion 125.90 (125.60 to 126.60): VX019907.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.898 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019907.D

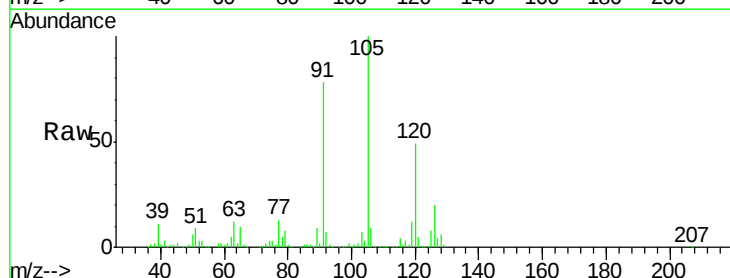
Acq: 12 Dec 2020 05:00

Tgt Ion: 105 Resp: 216301

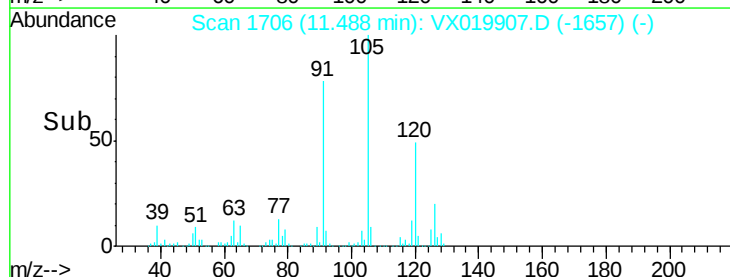
Ion Ratio Lower Upper

105 100

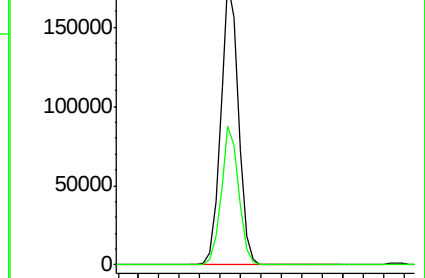
120 48.5 23.8 71.5

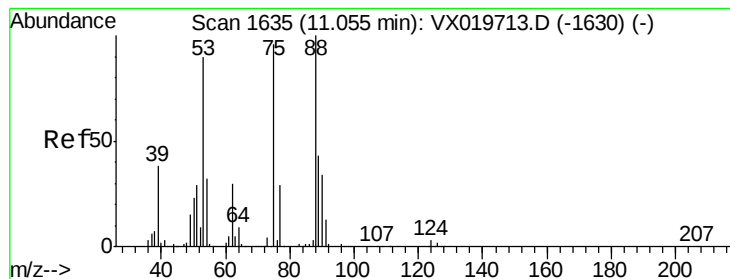


Abundance Ion 105.00 (104.70 to 105.70): VX019907.D (-1657) (-)



Ion 120.00 (119.70 to 120.70): VX019907.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.995 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019907.D

Acq: 12 Dec 2020 05:00

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBSD03

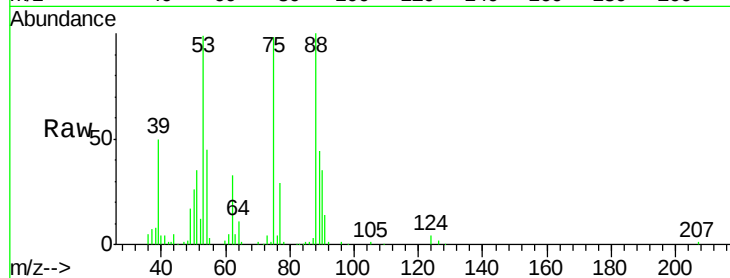
Tgt Ion: 75 Resp: 24859

Ion Ratio Lower Upper

75 100

53 100.2 74.5 111.7

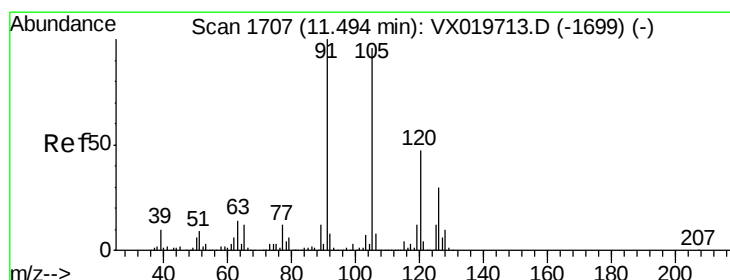
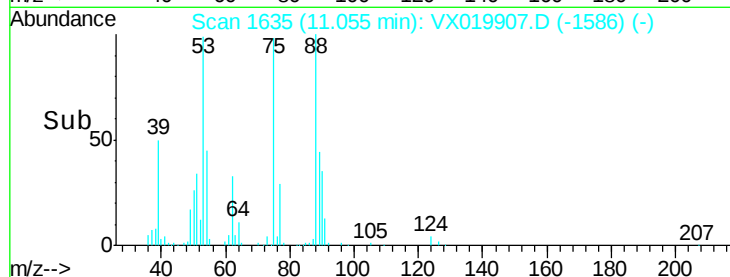
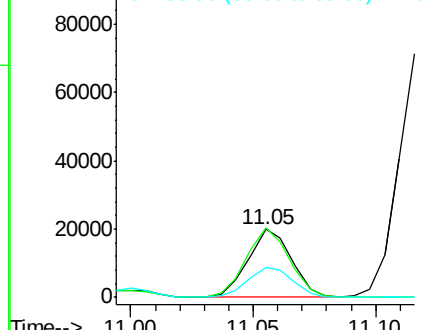
89 46.1 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.543 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019907.D

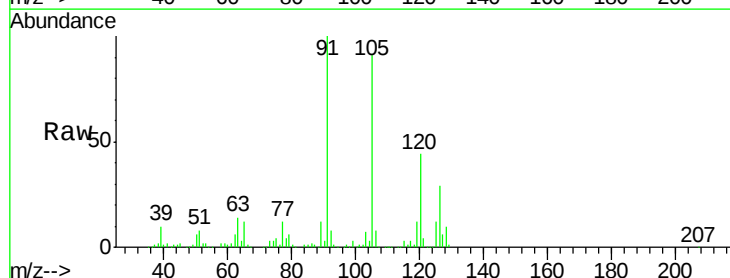
Acq: 12 Dec 2020 05:00

Tgt Ion: 91 Resp: 207356

Ion Ratio Lower Upper

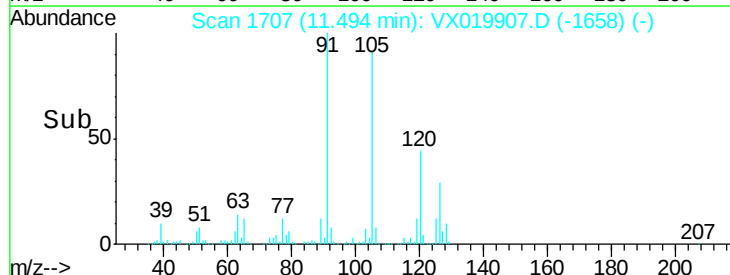
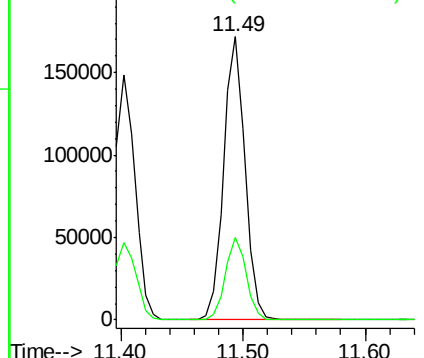
91 100

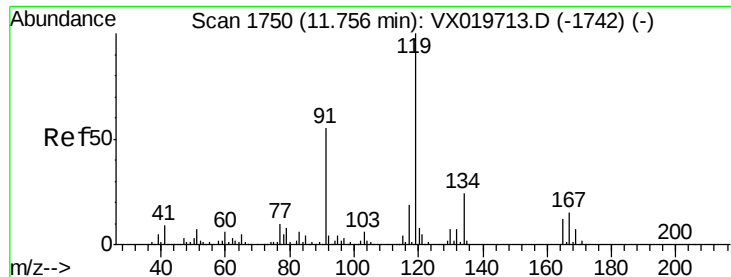
126 28.5 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

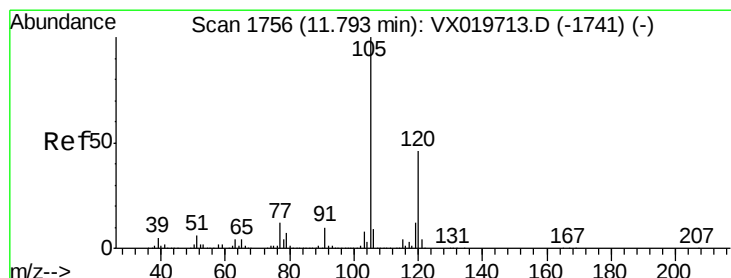
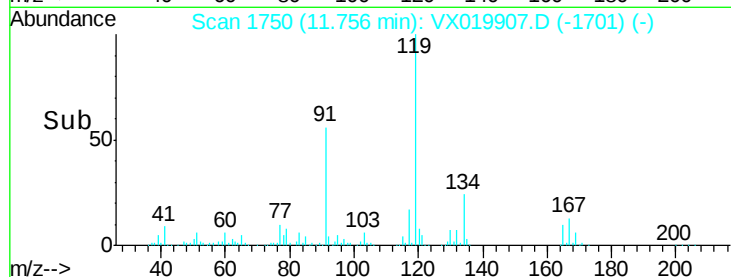
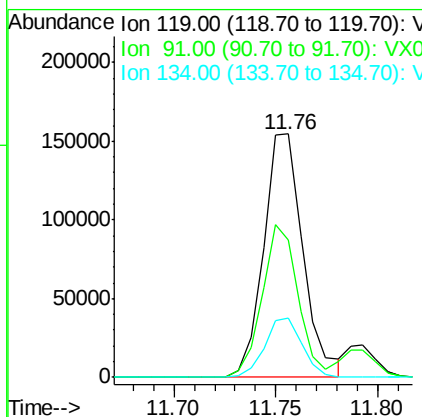
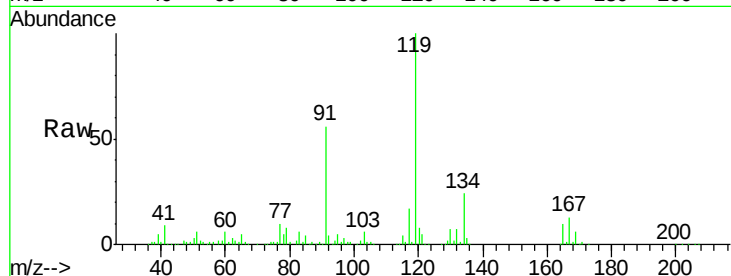




#83
 tert-Butylbenzene
 Concen: 19.554 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

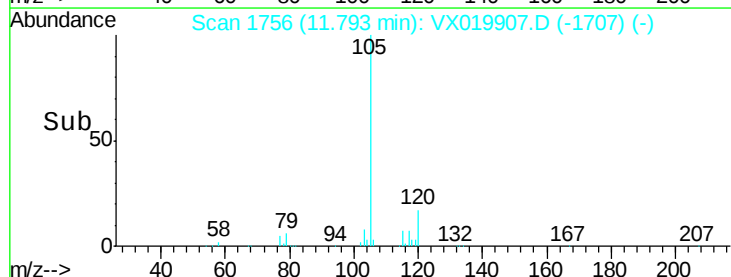
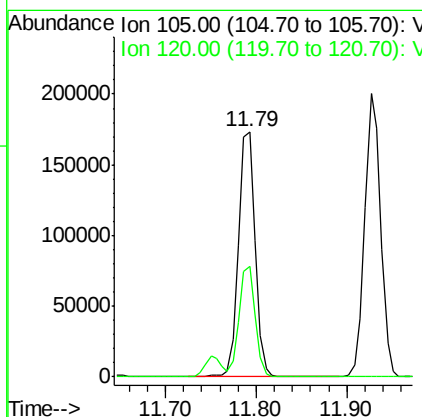
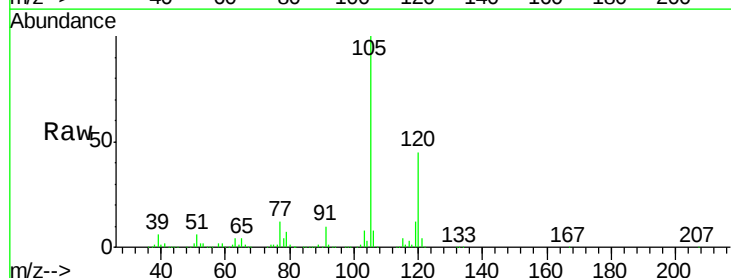
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

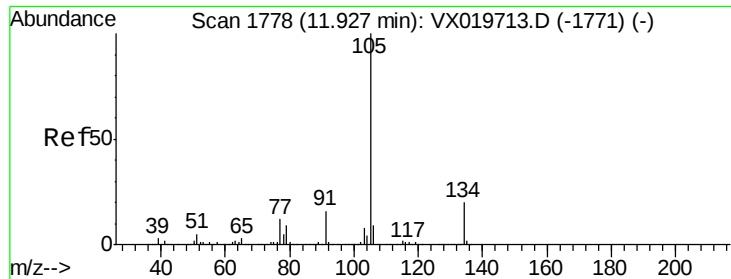
Tgt Ion:119 Resp: 208473
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.9 83.7
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.175 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion:105 Resp: 220923
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.4 67.3

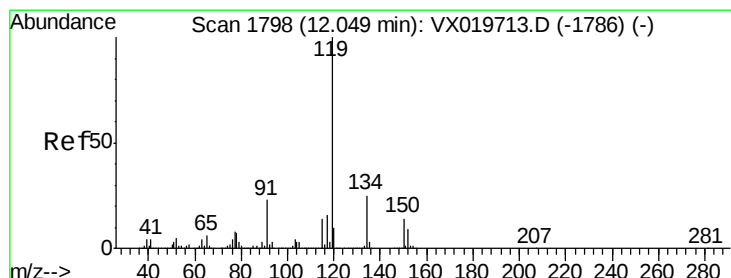
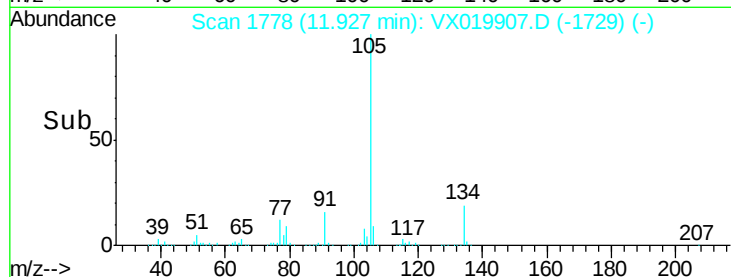
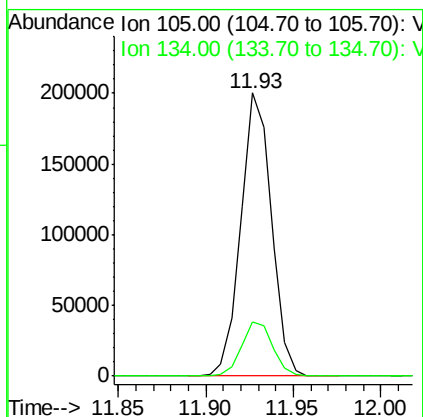
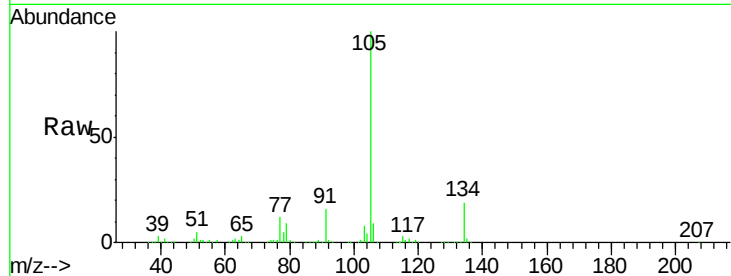




#85
 sec-Butylbenzene
 Concen: 19.979 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

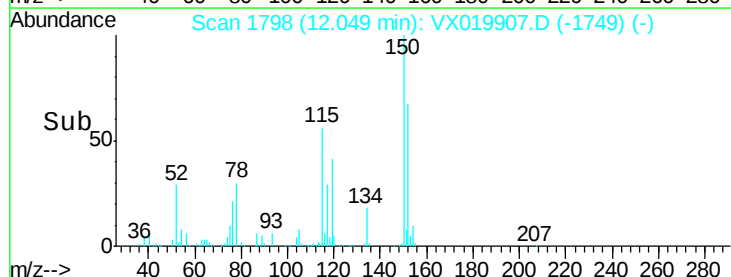
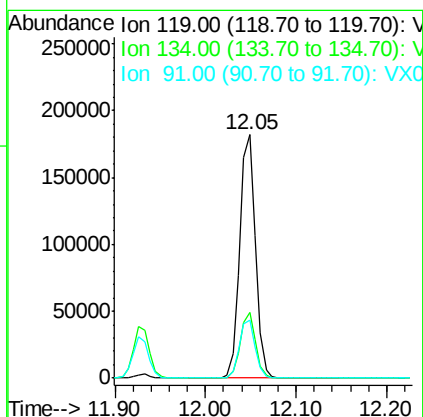
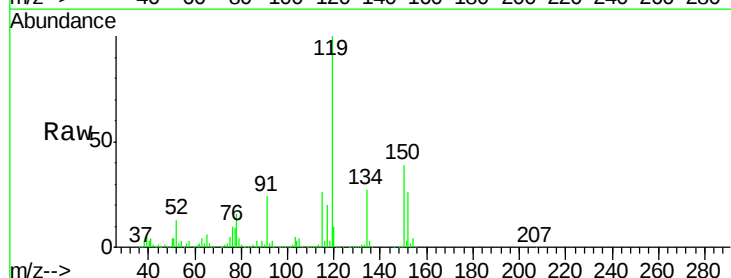
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

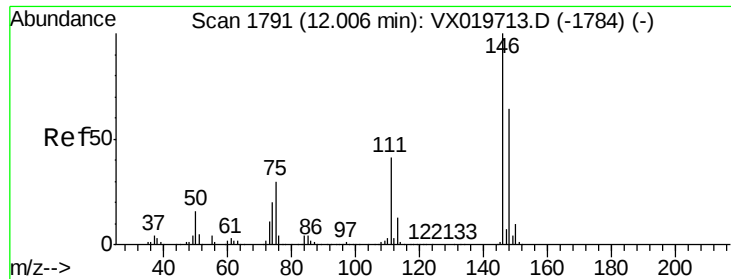
Tgt Ion:105 Resp: 243186
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.518 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion:119 Resp: 217735
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.1 11.7 35.0

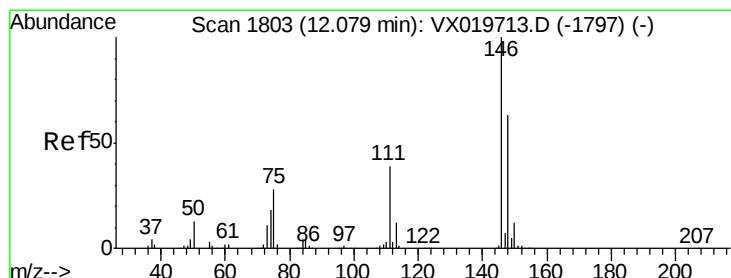
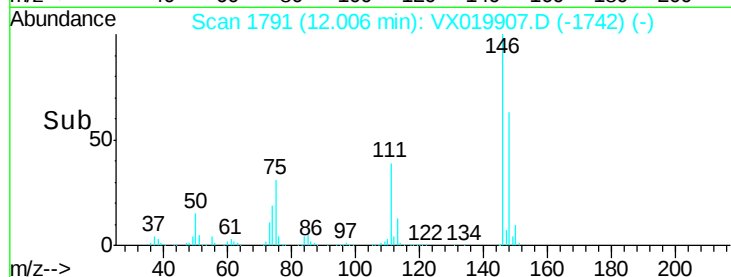
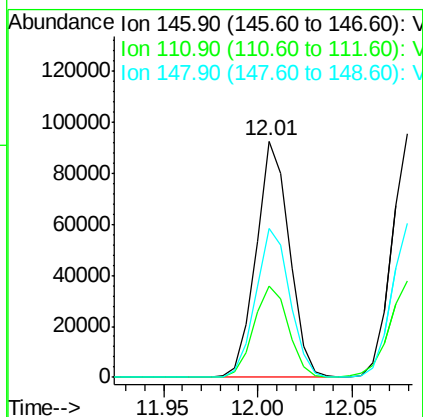
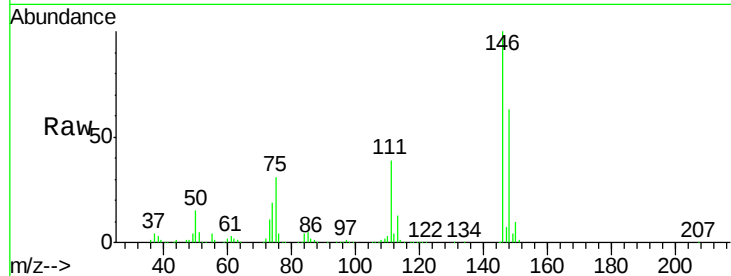




#87
 1,3-Dichlorobenzene
 Concen: 18.692 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

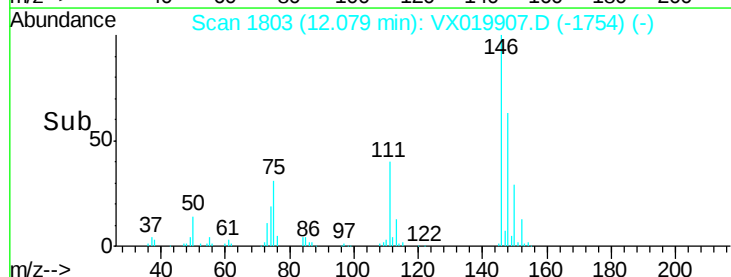
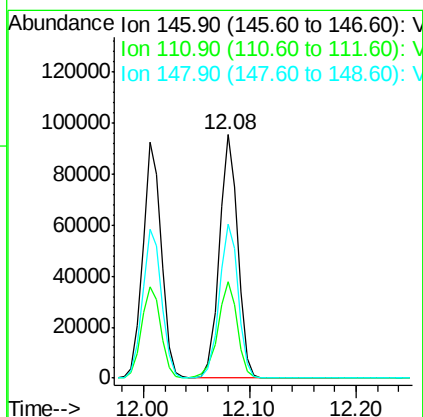
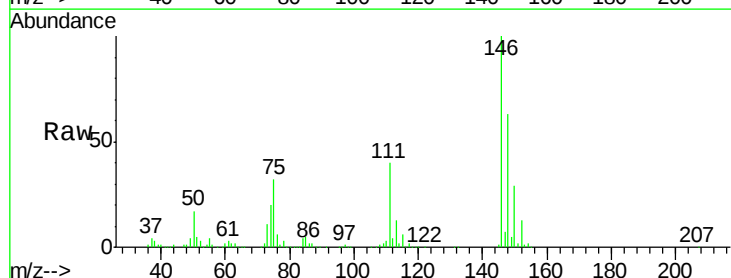
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

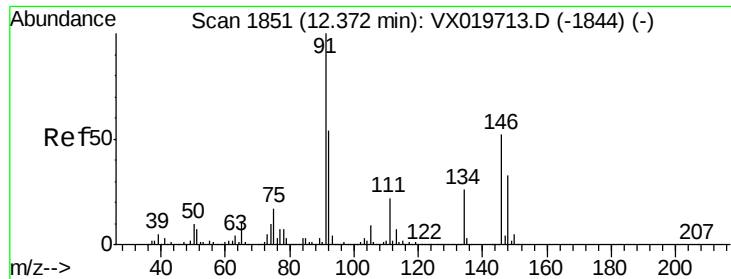
Tgt Ion:146 Resp: 113082
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 64.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.690 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion:146 Resp: 115161
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.8
 148 64.6 31.6 95.0

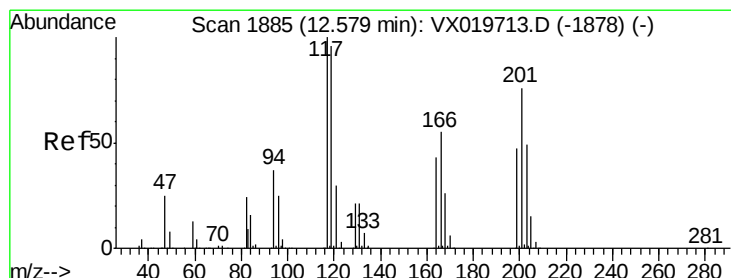
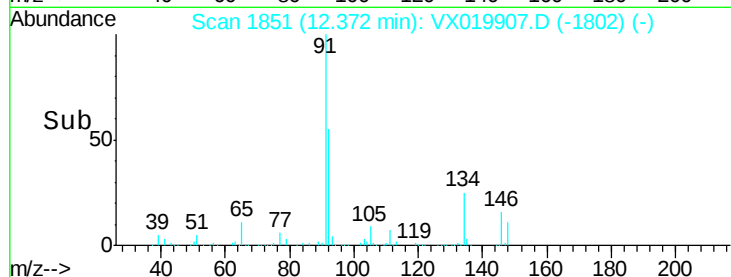
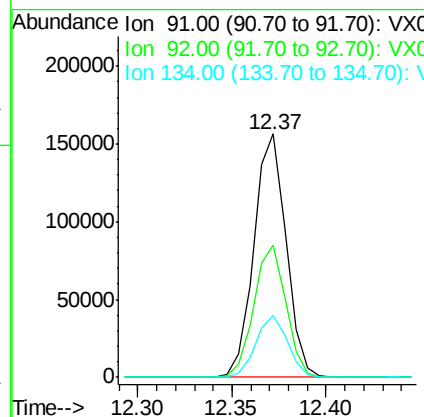
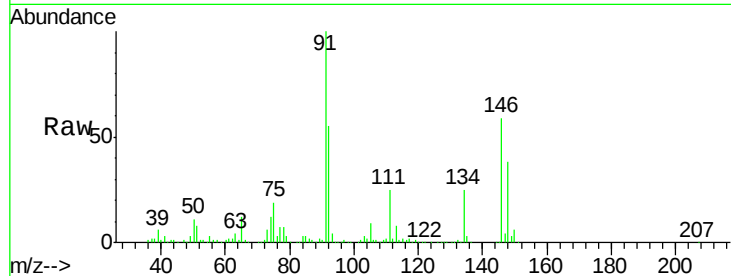




#89
n-Butylbenzene
Concen: 18.644 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

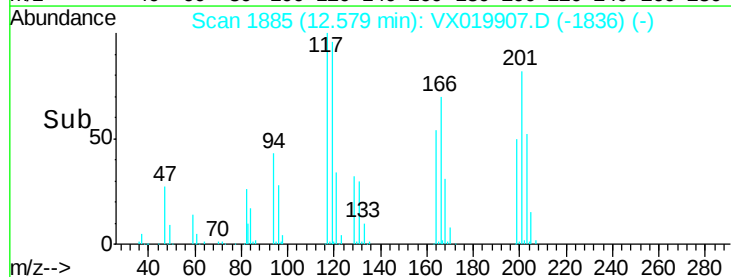
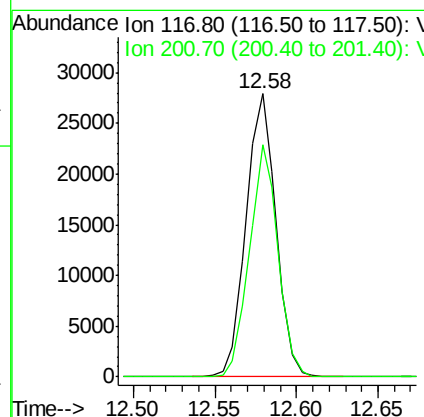
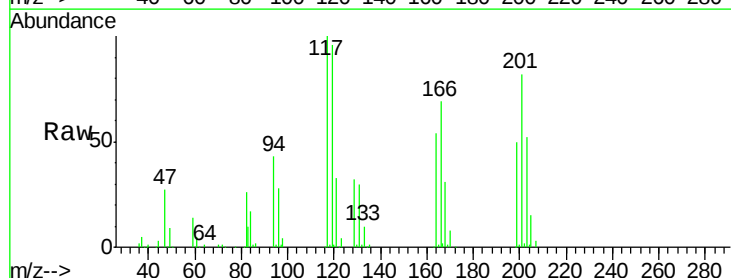
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBSD03

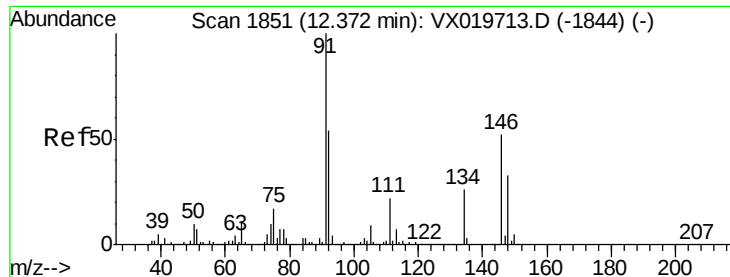
Tgt Ion: 91 Resp: 184268
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.1 13.2 39.5



#90
Hexachloroethane
Concen: 18.519 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion: 117 Resp: 35666
Ion Ratio Lower Upper
117 100
201 78.6 40.4 121.2

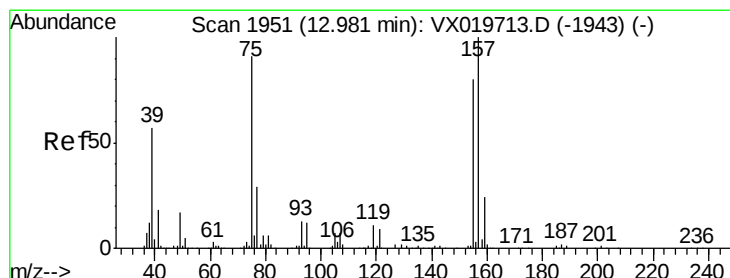
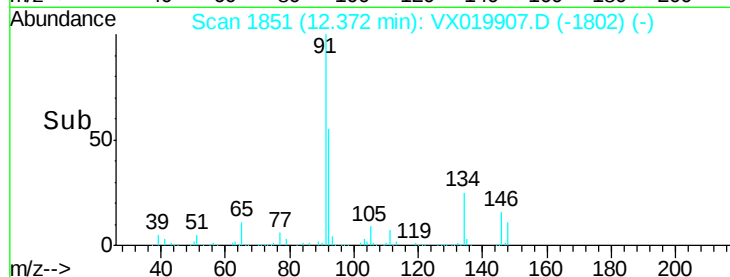
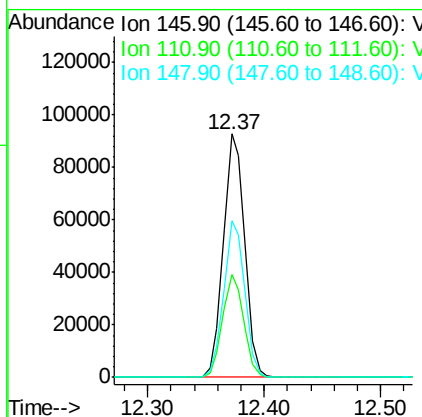
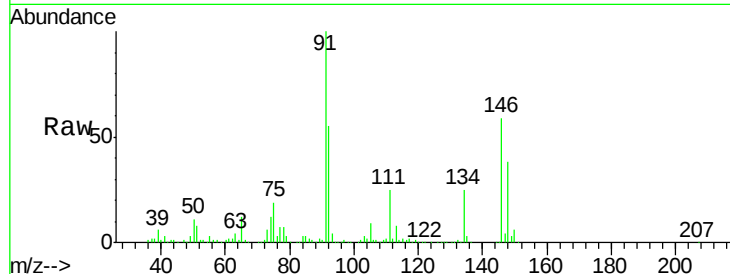




#91
 1,2-Dichlorobenzene
 Concen: 19.827 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

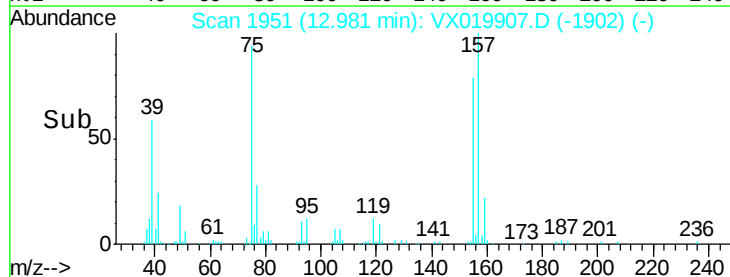
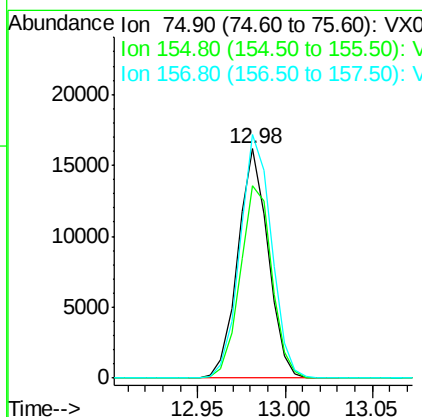
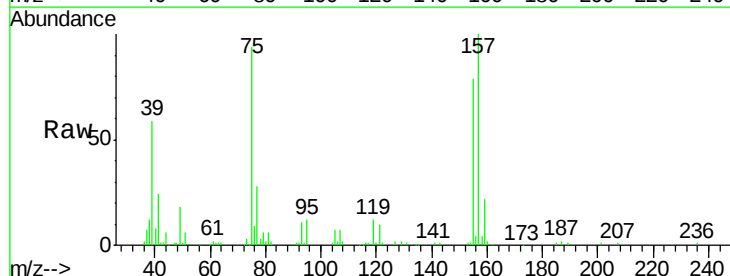
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

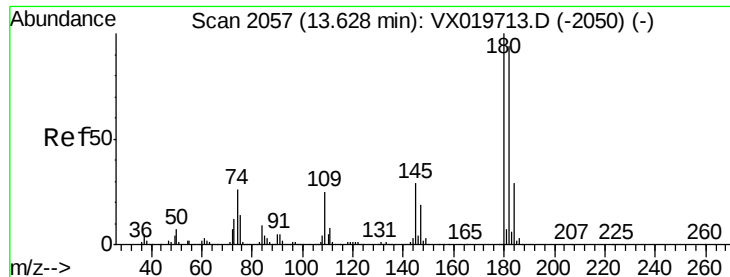
Tgt Ion:146 Resp: 116930
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.2
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.972 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion: 75 Resp: 19497
 Ion Ratio Lower Upper
 75 100
 155 87.5 45.3 135.9
 157 110.4 57.7 173.1

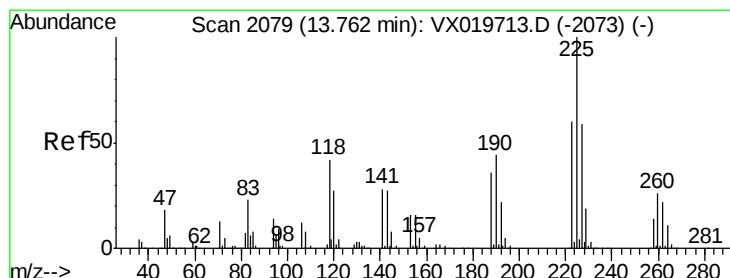
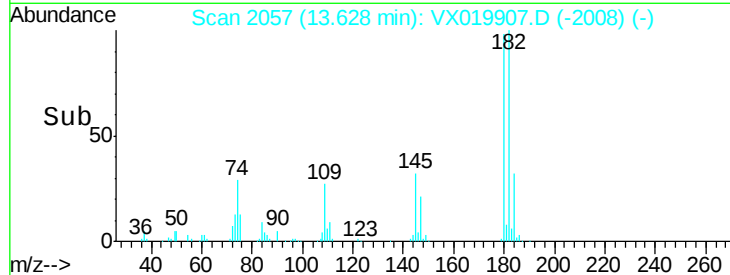
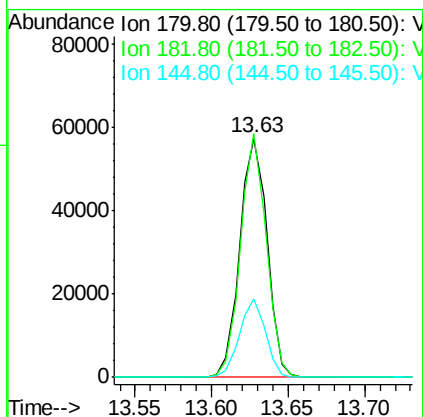
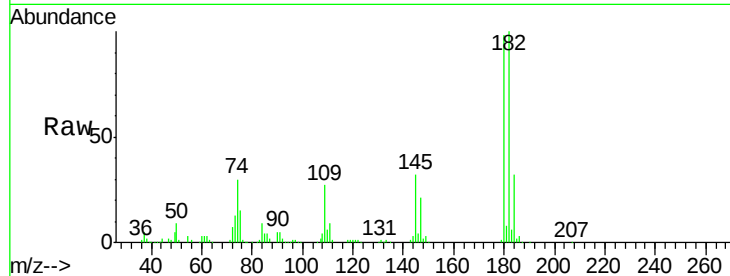




#93
 1,2,4-Trichlorobenzene
 Concen: 18.509 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

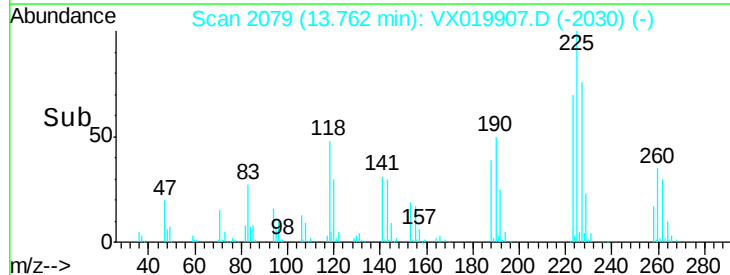
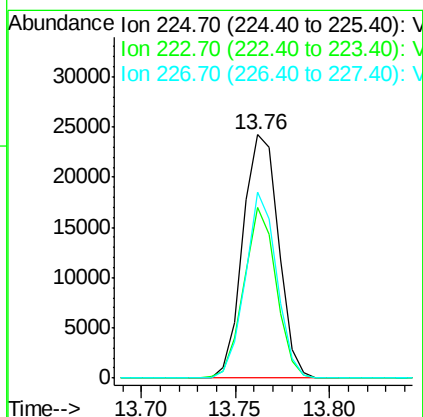
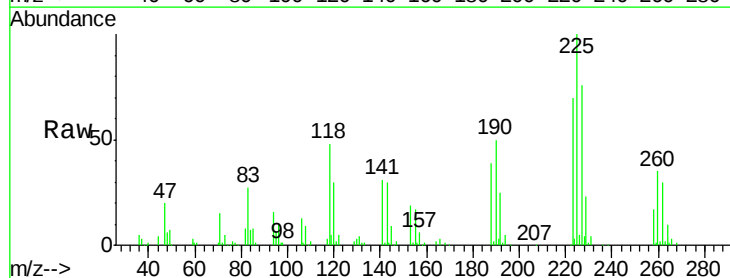
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD03

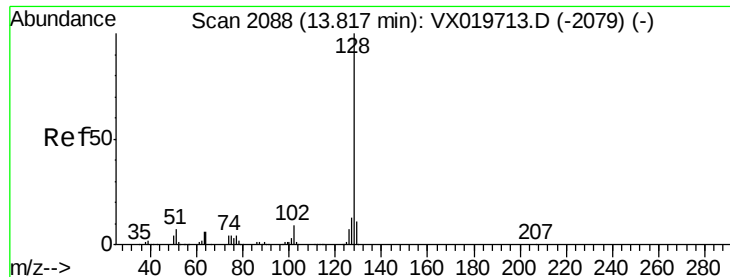
Tgt Ion:180 Resp: 71056
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 31.1 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 18.519 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019907.D
 Acq: 12 Dec 2020 05:00

Tgt Ion:225 Resp: 31776
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.2
 227 67.6 31.6 95.0

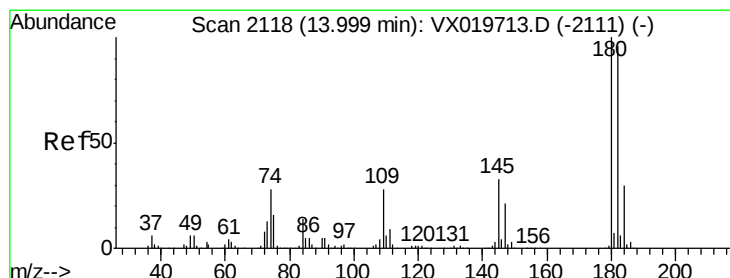
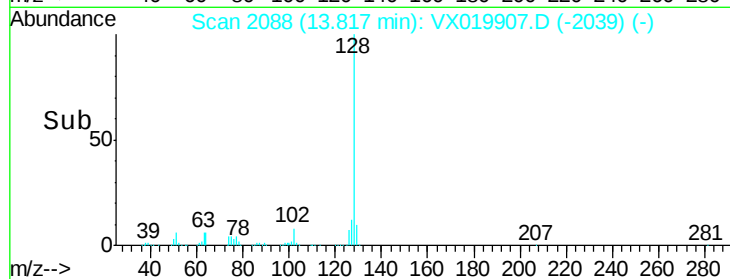
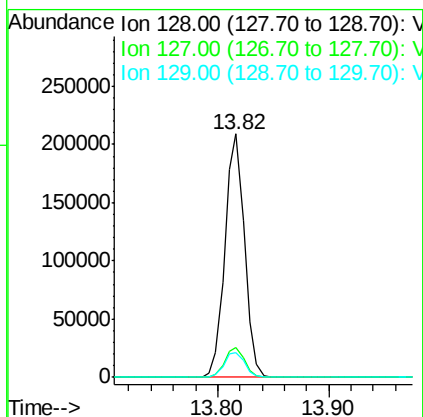
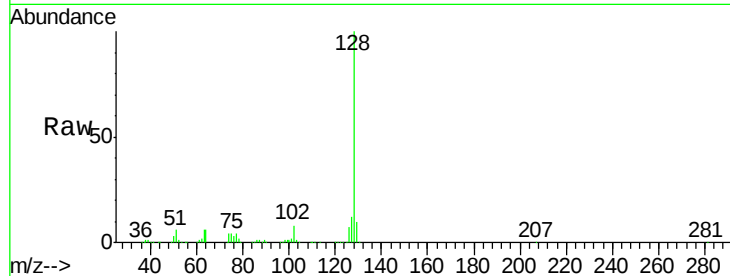




#95
Naphthalene
Concen: 20.343 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Instrument :
MSVOA_X
ClientSampled :
VX1211WBSD03

Tgt Ion:128 Resp: 253185
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.453 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019907.D
Acq: 12 Dec 2020 05:00

Tgt Ion:180 Resp: 76734
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.9
145 32.4 16.1 48.3

