

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019513.D
 Acq On : 20 Nov 2020 23:40
 Operator : JC/MD
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Quant Time: Nov 21 04:52:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170875	51.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.50%
35) Dibromofluoromethane	5.46	113	135168	49.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.86%
50) Toluene-d8	8.70	98	519682	48.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.82%
62) 4-Bromofluorobenzene	11.12	95	184247	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	47239	19.074	ug/l 99
3) Chloromethane	1.31	50	52977	18.641	ug/l 99
4) Vinyl Chloride	1.39	62	59421	19.423	ug/l 99
5) Bromomethane	1.62	94	21914	18.911	ug/l 100
6) Chloroethane	1.69	64	16312	19.287	ug/l 94
7) Trichlorofluoromethane	1.90	101	85173	19.289	ug/l 98
8) Diethyl Ether	2.17	74	35329	19.978	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46942	19.056	ug/l 99
10) Methyl Iodide	2.48	142	53596	16.561	ug/l 99
11) Tert butyl alcohol	3.04	59	64439	103.115	ug/l 97
12) 1,1-Dichloroethene	2.34	96	48296	19.101	ug/l 97
13) Acrolein	2.28	56	37344	88.900	ug/l 98
14) Allyl chloride	2.70	41	72238	18.238	ug/l 99
15) Acrylonitrile	3.12	53	150530	102.138	ug/l 99
16) Acetone	2.43	43	123817	96.961	ug/l 100
17) Carbon Disulfide	2.54	76	118031	17.377	ug/l 98
18) Methyl Acetate	2.75	43	64277	20.903	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	173887	19.924	ug/l 99
20) Methylene Chloride	2.83	84	59726	18.713	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	53903	18.816	ug/l 97
22) Diisopropyl ether	3.83	45	161951	19.765	ug/l 93
23) Vinyl Acetate	3.79	43	686906	99.943	ug/l 100
24) 1,1-Dichloroethane	3.67	63	98175	19.588	ug/l 100
25) 2-Butanone	4.64	43	191553	99.857	ug/l 98
26) 2,2-Dichloropropane	4.55	77	68692	15.702	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	63581	19.322	ug/l 99
28) Bromochloromethane	4.98	49	43158	18.011	ug/l 99
29) Tetrahydrofuran	5.09	42	122632	100.194	ug/l 99
30) Chloroform	5.17	83	101250	19.320	ug/l 97
31) Cyclohexane	5.54	56	80109	18.653	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	87335	19.400	ug/l 99
36) 1,1-Dichloropropene	5.76	75	72490	17.750	ug/l 99
37) Ethyl Acetate	4.80	43	75429	19.673	ug/l 98
38) Carbon Tetrachloride	5.75	117	71739	18.148	ug/l 97

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	83444	17.548	ug/l	98
40) Benzene	6.11	78	231209	18.426	ug/l	100
41) Methacrylonitrile	5.01	41	40048	18.942	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80903	18.811	ug/l	100
43) Isopropyl Acetate	6.42	43	120255	18.659	ug/l	99
44) Trichloroethene	7.18	130	58821	17.896	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58258	18.859	ug/l	99
46) Dibromomethane	7.63	93	39584	18.722	ug/l	98
47) Bromodichloromethane	7.87	83	75086	18.302	ug/l	98
48) Methyl methacrylate	7.74	41	57684	19.111	ug/l	100
49) 1,4-Dioxane	7.72	88	28459	415.258	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	372353	99.075	ug/l	99
52) Toluene	8.76	92	142802	18.603	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	77021	17.383	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87703	17.836	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	58039	18.565	ug/l	98
56) Ethyl methacrylate	9.16	69	83536	18.884	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99274	18.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	233342	90.021	ug/l	99
59) 2-Hexanone	9.48	43	278961	97.868	ug/l	100
60) Dibromochloromethane	9.56	129	55034	17.972	ug/l	100
61) 1,2-Dibromoethane	9.65	107	60694	18.834	ug/l	99
64) Tetrachloroethene	9.32	164	55690	18.321	ug/l	95
65) Chlorobenzene	10.12	112	147203	18.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	53107	18.364	ug/l	100
67) Ethyl Benzene	10.23	91	261129	18.748	ug/l	99
68) m/p-Xylenes	10.34	106	195556	37.686	ug/l	100
69) o-Xylene	10.68	106	93194	18.787	ug/l	100
70) Styrene	10.70	104	156994	18.181	ug/l	100
71) Bromoform	10.84	173	37492	17.804	ug/l	# 100
73) Isopropylbenzene	11.00	105	250224	19.402	ug/l	100
74) N-amyl acetate	10.88	43	95685	19.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	89460	19.397	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	96355	23.683	ug/l	88
77) Bromobenzene	11.24	156	62716	19.049	ug/l	98
78) n-propylbenzene	11.34	91	279045	18.861	ug/l	100
79) 2-Chlorotoluene	11.40	91	171724	19.138	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	206313	19.070	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	23055	18.242	ug/l	95
82) 4-Chlorotoluene	11.49	91	200854	19.015	ug/l	99
83) tert-Butylbenzene	11.76	119	202973	19.392	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212135	19.379	ug/l	100
85) sec-Butylbenzene	11.93	105	237238	19.052	ug/l	99
86) p-Isopropyltoluene	12.05	119	215425	19.055	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111191	18.390	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112088	17.997	ug/l	98
89) n-Butylbenzene	12.37	91	181167	17.726	ug/l	100
90) Hexachloroethane	12.58	117	34358	18.162	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112936	18.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18259	19.406	ug/l	96

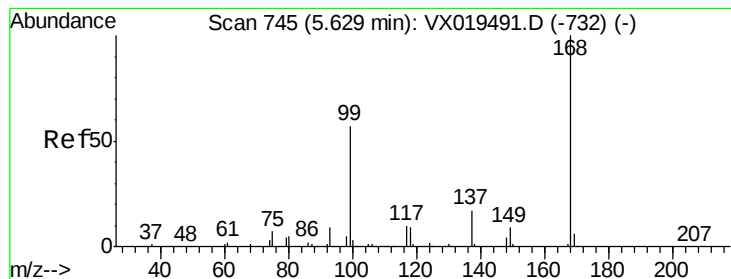
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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	66997	17.184	ug/l	98
94) Hexachlorobutadiene	13.76	225	31138	17.532	ug/l	96
95) Naphthalene	13.82	128	232525	18.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	71172	18.250	ug/l	98

(#) = 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. -0.01 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

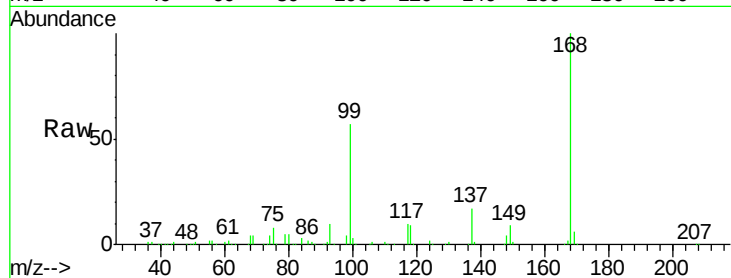
VX1121WBS02

Tot Ion:168 Resp: 254676

Ion Ratio Lower Upper

168 100

99 57.2 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

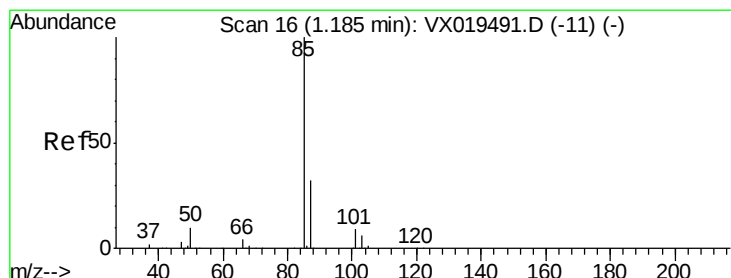
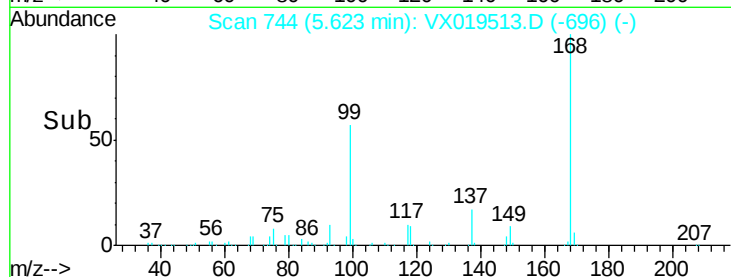
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.074 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019513.D

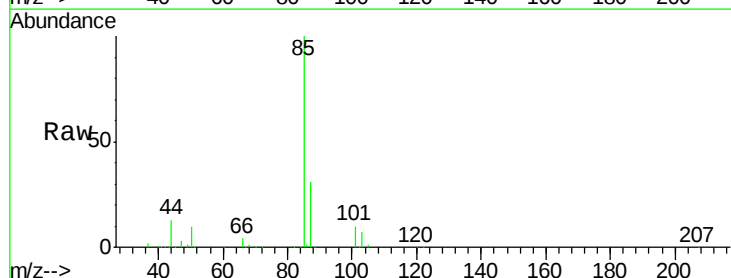
Acq: 20 Nov 2020 23:40

Tgt Ion: 85 Resp: 47239

Ion Ratio Lower Upper

85 100

87 31.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

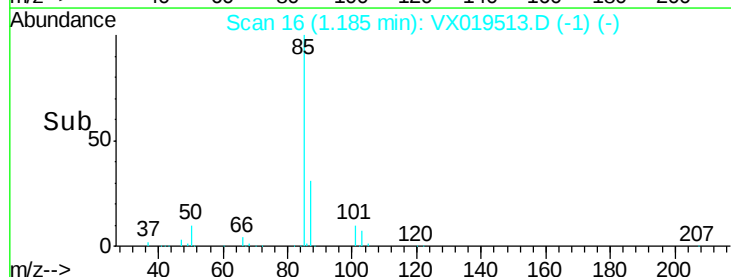
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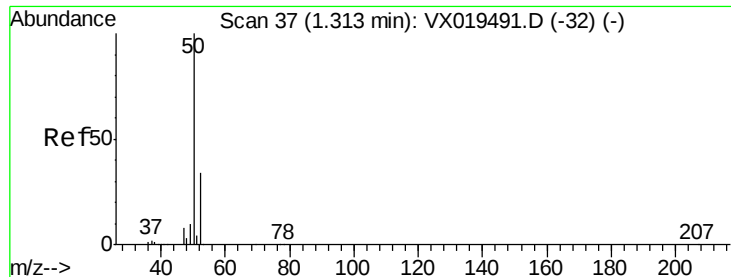
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.641 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

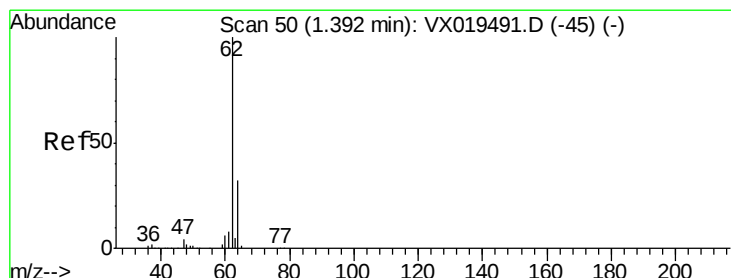
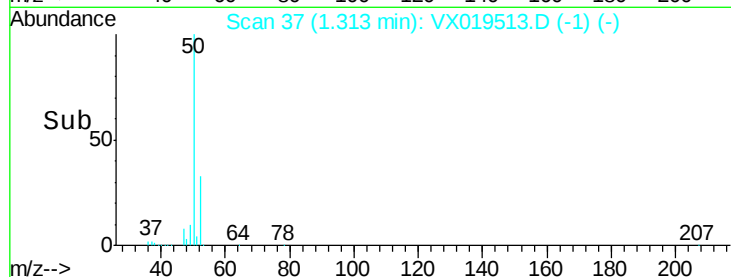
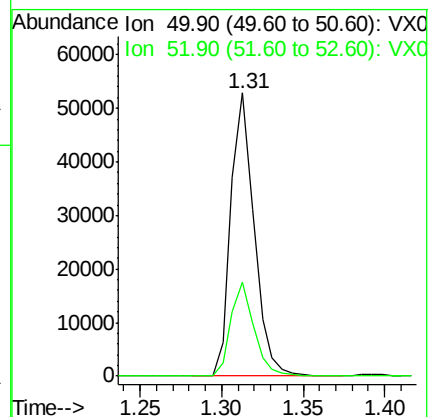
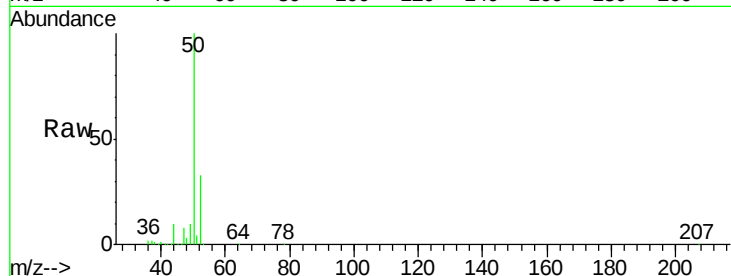
VX1121WBS02

Tot Ion: 50 Resp: 52977

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.6



#4

Vinyl Chloride

Concen: 19.423 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019513.D

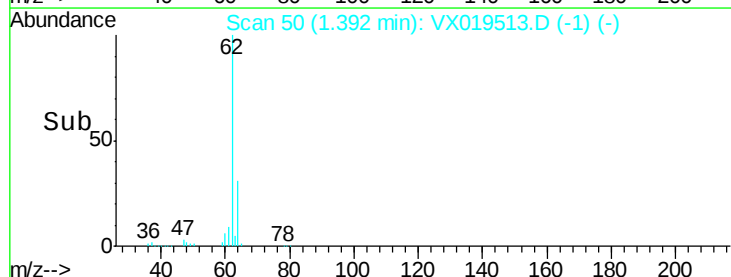
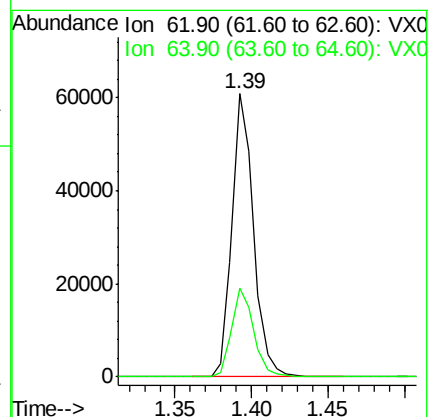
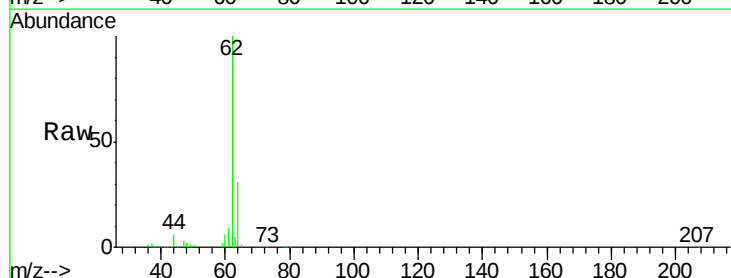
Acq: 20 Nov 2020 23:40

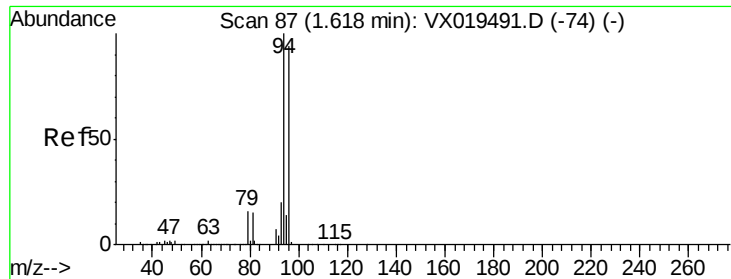
Tgt Ion: 62 Resp: 59421

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 18.911 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

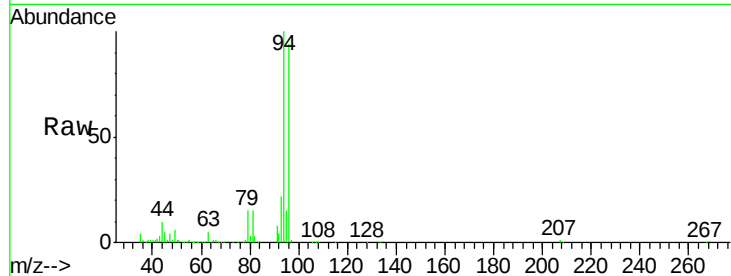
VX1121WBS02

Tot Ion: 94 Resp: 21914

Ion Ratio Lower Upper

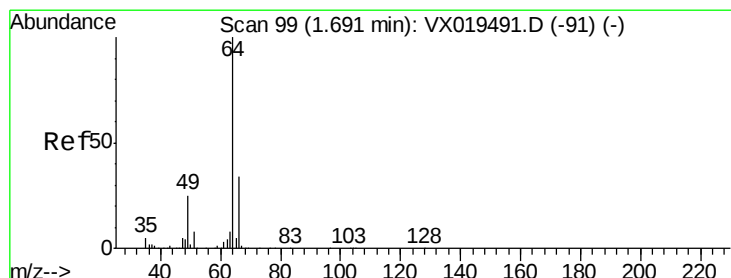
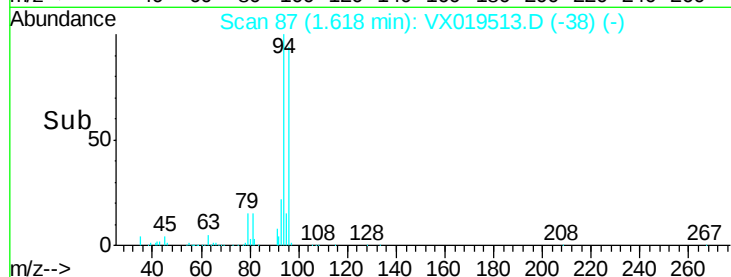
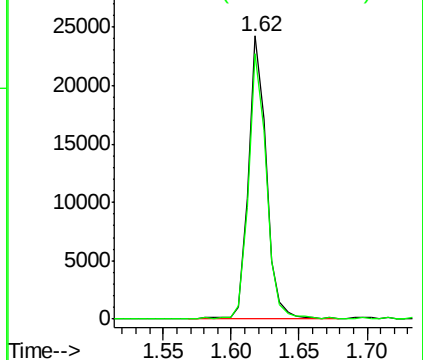
94 100

96 94.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.287 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019513.D

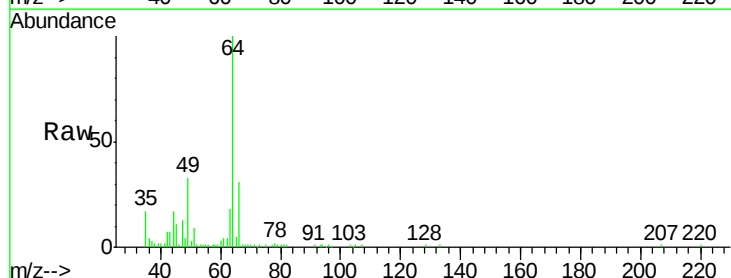
Acq: 20 Nov 2020 23:40

Tgt Ion: 64 Resp: 16312

Ion Ratio Lower Upper

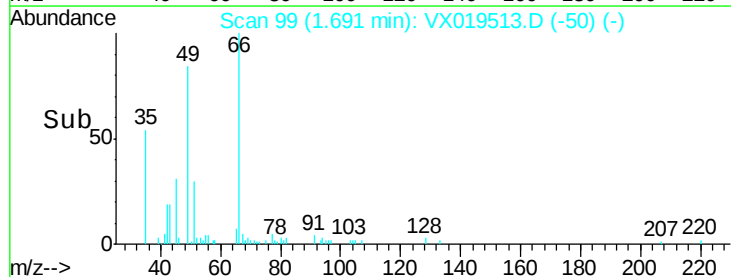
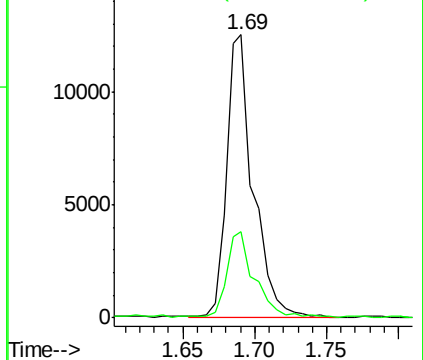
64 100

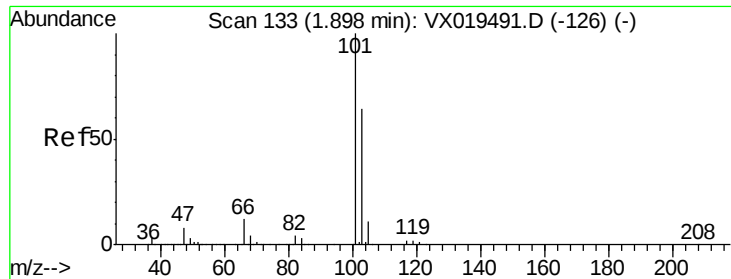
66 30.5 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



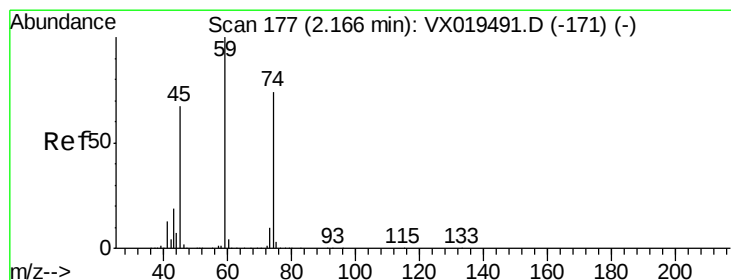
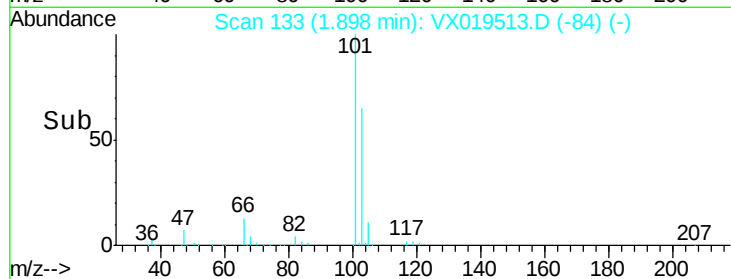
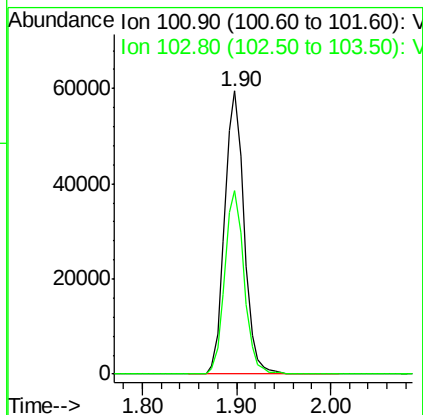
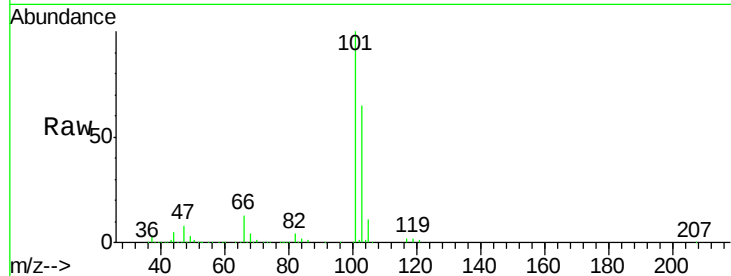


#7

Trichlorofluoromethane
Concen: 19.289 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Instrument :
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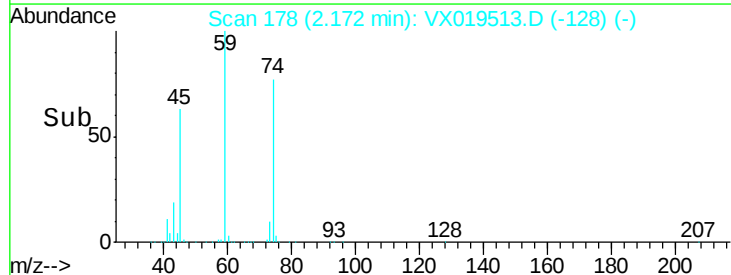
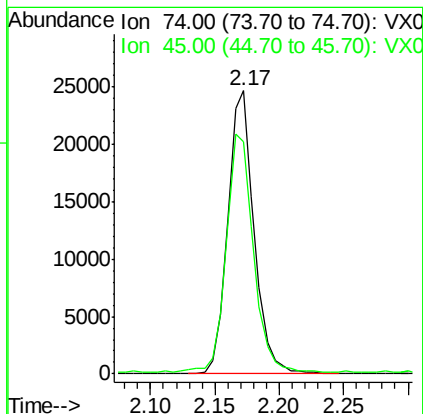
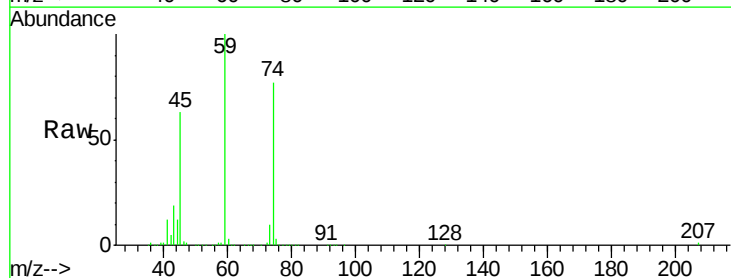
Tot Ion:101 Resp: 85173
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3

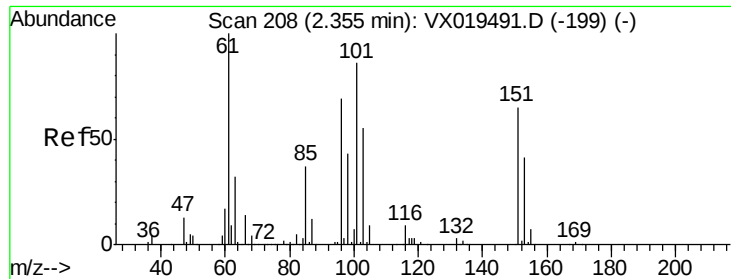


#8

Diethyl Ether
Concen: 19.978 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 74 Resp: 35329
Ion Ratio Lower Upper
74 100
45 87.0 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.056 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

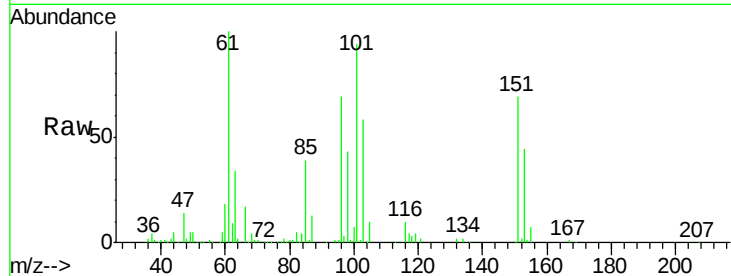
Tot Ion:101 Resp: 46942

Ion Ratio Lower Upper

101 100

85 42.8 33.9 50.9

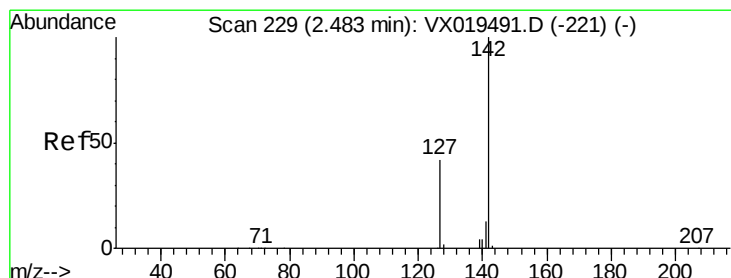
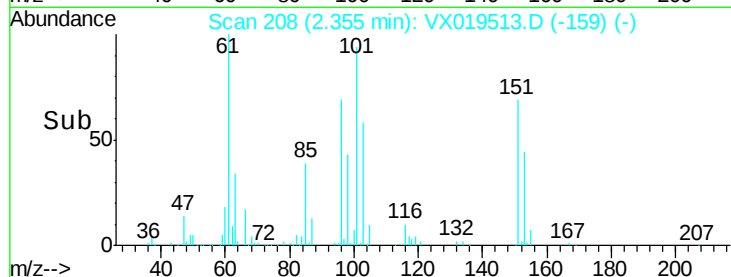
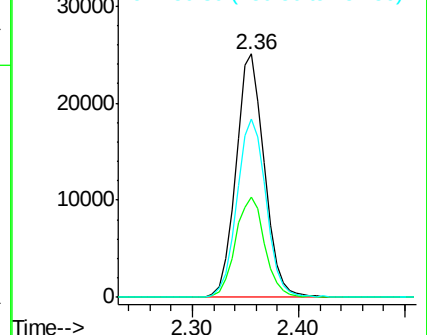
151 75.3 60.9 91.3



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: 16.561 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

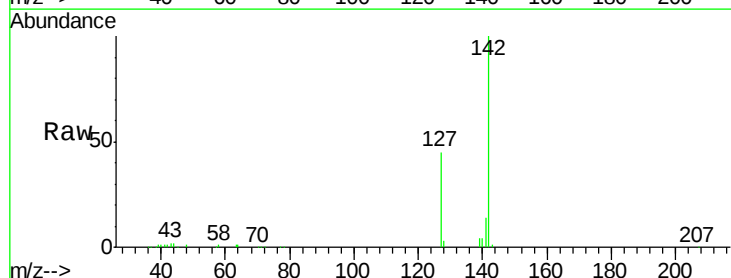
Tgt Ion:142 Resp: 53596

Ion Ratio Lower Upper

142 100

127 43.0 33.8 50.6

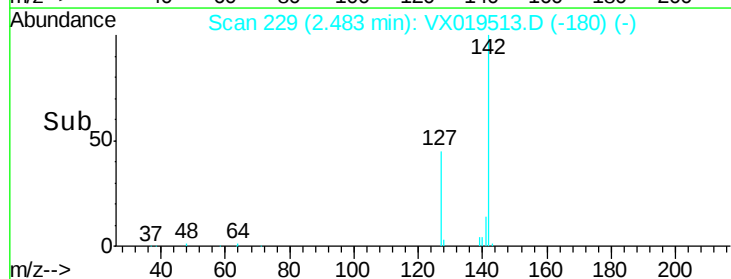
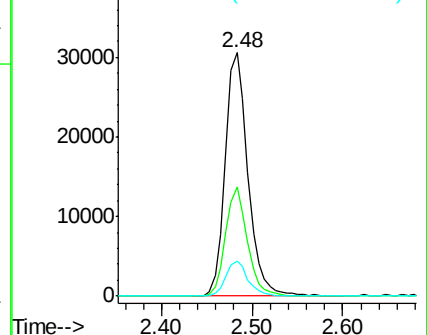
141 14.0 11.0 16.6

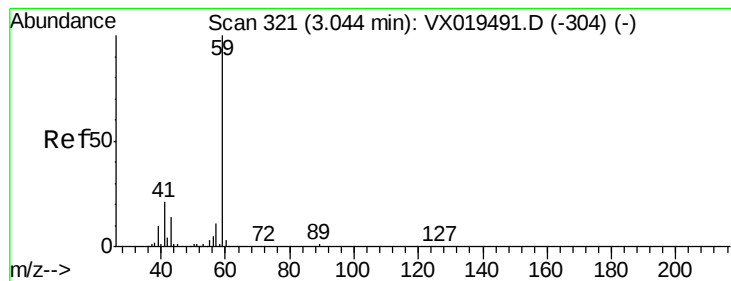


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 103.115 ug/l

RT: 3.04 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

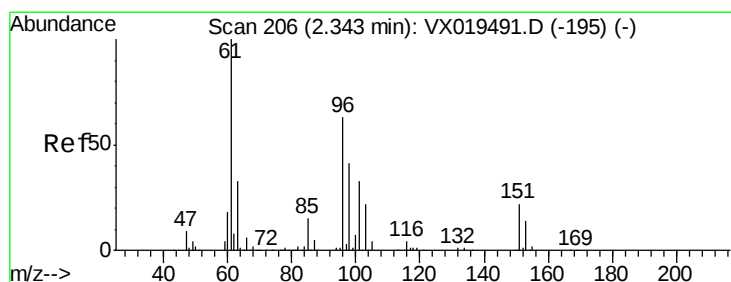
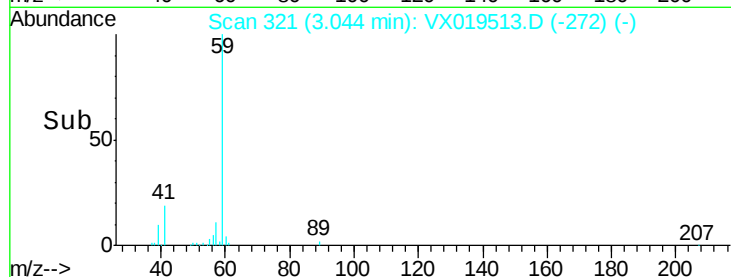
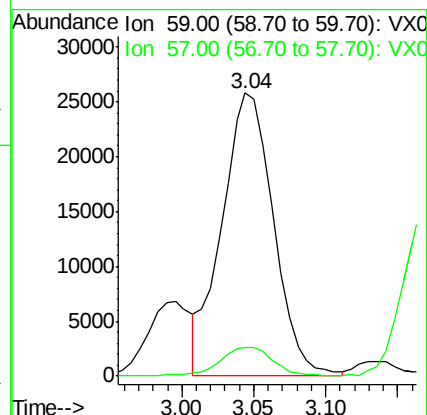
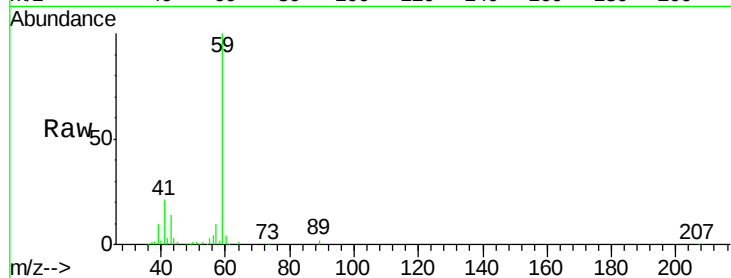
VX1121WBS02

Tot Ion: 59 Resp: 64439

Ion Ratio Lower Upper

59 100

57 10.8 7.9 11.9



#12

1,1-Dichloroethene

Concen: 19.101 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

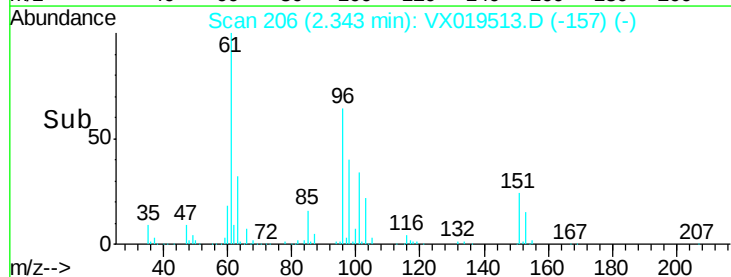
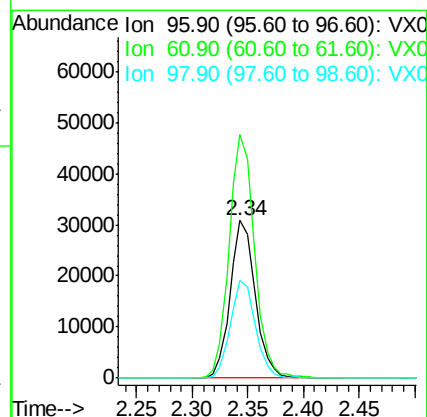
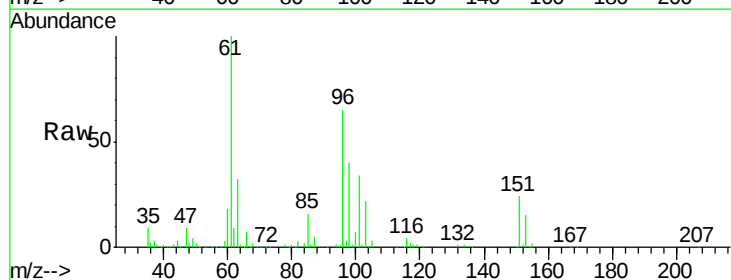
Tgt Ion: 96 Resp: 48296

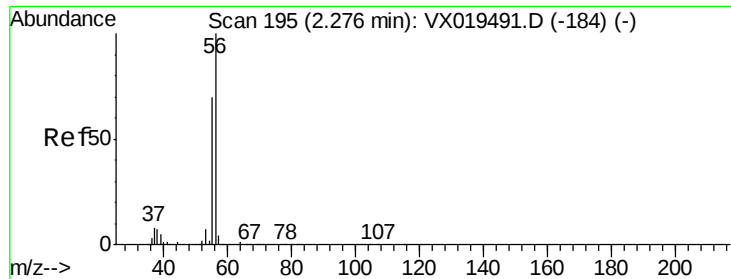
Ion Ratio Lower Upper

96 100

61 154.6 126.0 189.0

98 61.7 52.0 78.0

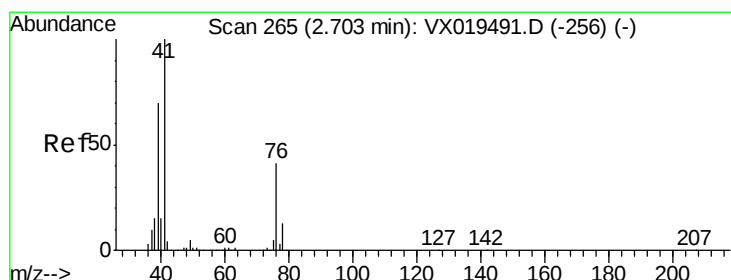
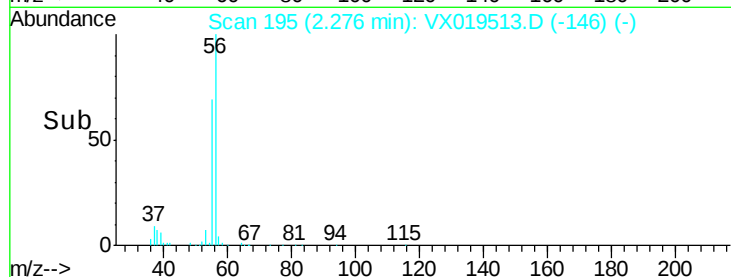
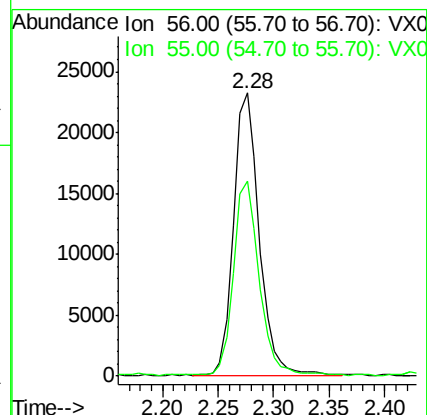
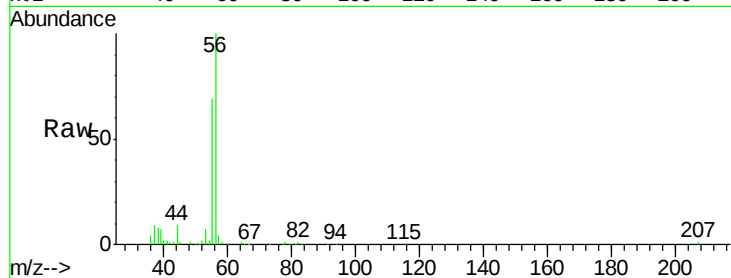




#13
Acrolein
Concen: 88.900 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

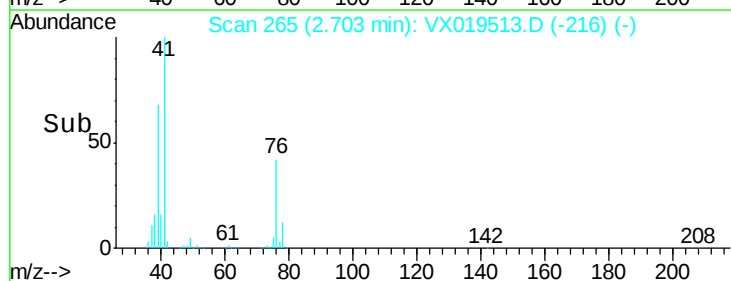
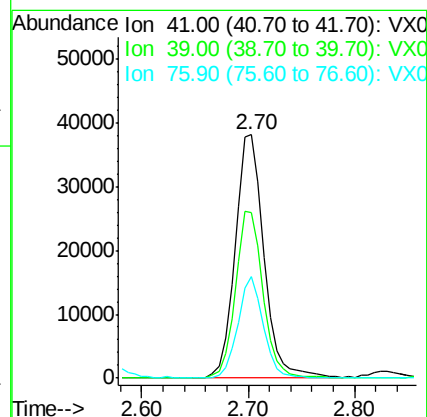
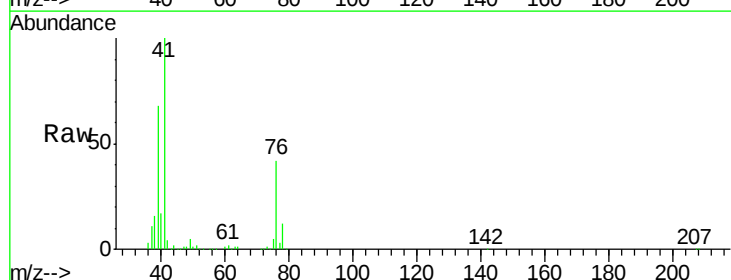
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

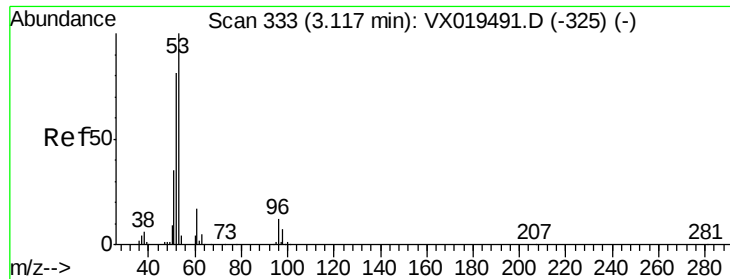
Tot Ion: 56 Resp: 37344
Ion Ratio Lower Upper
56 100
55 68.0 55.5 83.3



#14
Allyl chloride
Concen: 18.238 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 41 Resp: 72238
Ion Ratio Lower Upper
41 100
39 65.5 53.0 79.4
76 37.3 31.0 46.6





#15

Acrylonitrile

Concen: 102.138 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

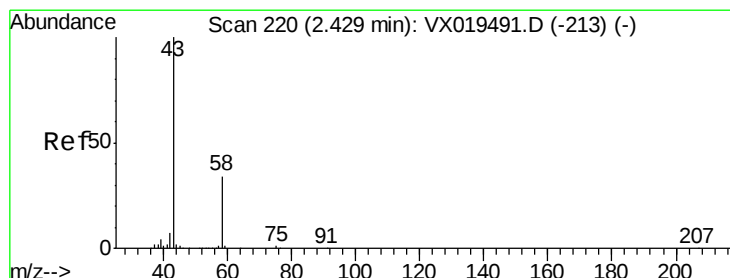
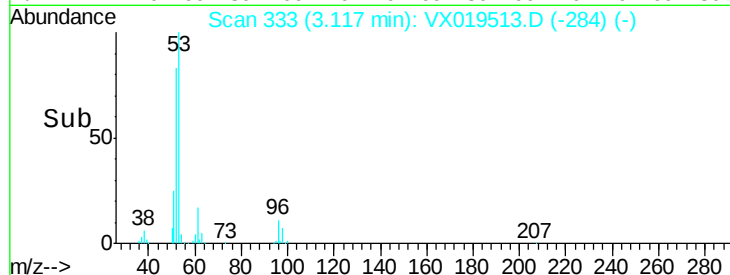
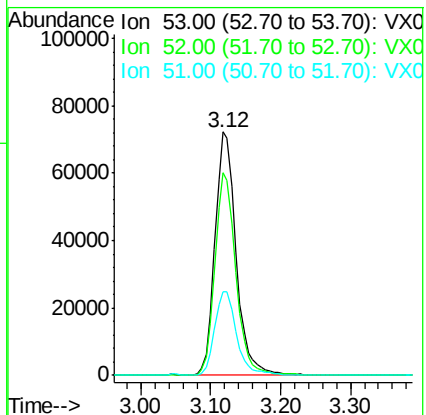
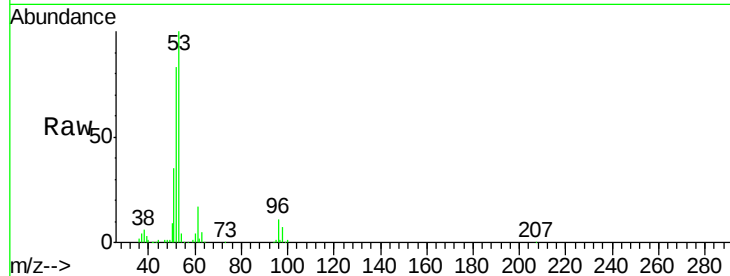
Tot Ion: 53 Resp: 150530

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

51 35.8 28.5 42.7



#16

Acetone

Concen: 96.961 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019513.D

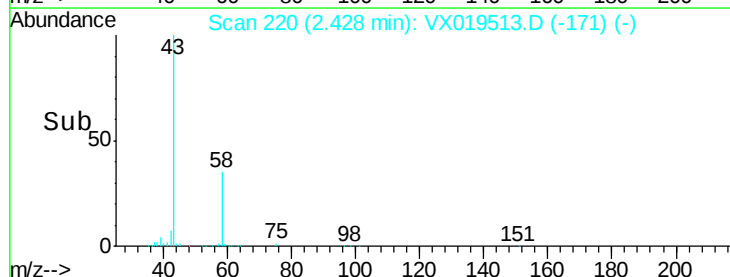
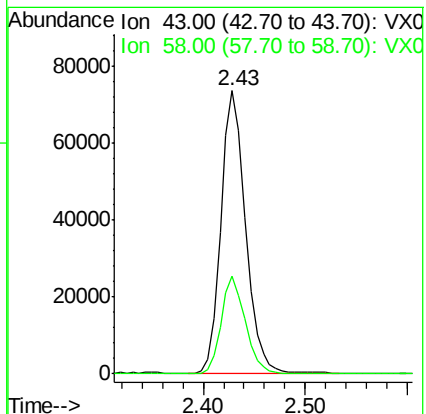
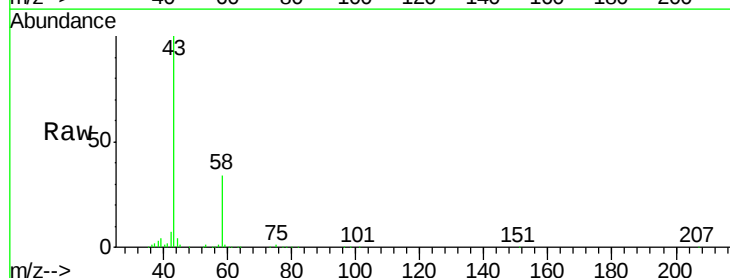
Acq: 20 Nov 2020 23:40

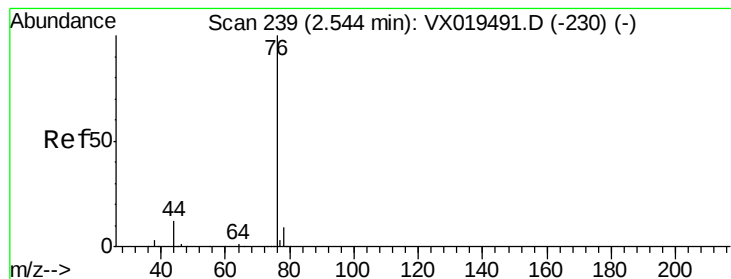
Tgt Ion: 43 Resp: 123817

Ion Ratio Lower Upper

43 100

58 34.5 27.4 41.2





#17

Carbon Disulfide

Concen: 17.377 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

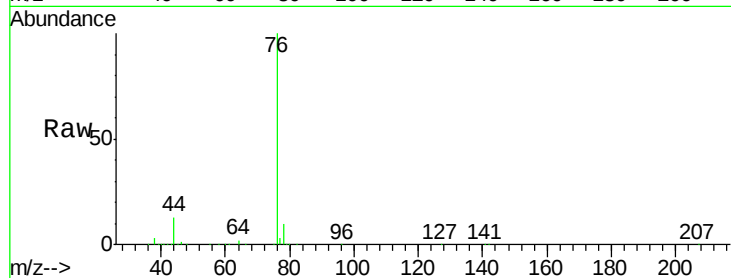
VX1121WBS02

Tot Ion: 76 Resp: 118031

Ion Ratio Lower Upper

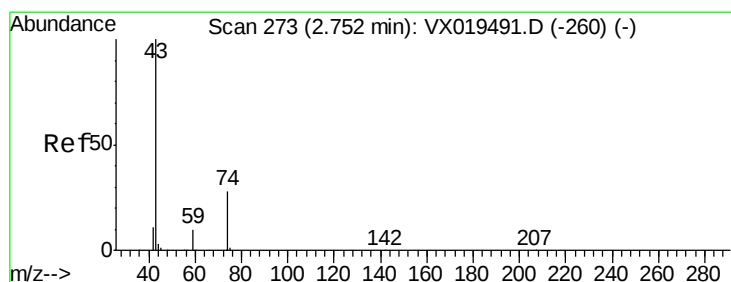
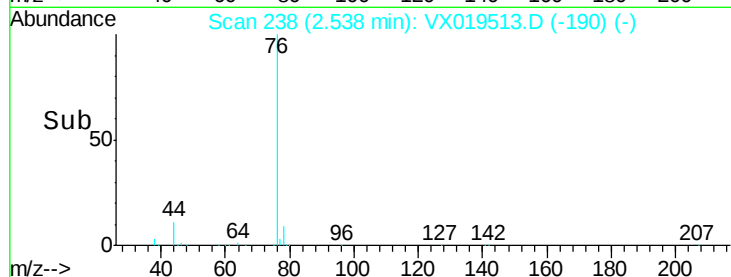
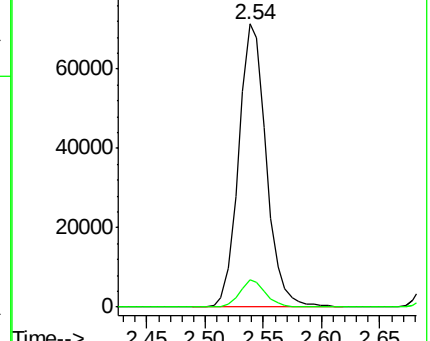
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.903 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019513.D

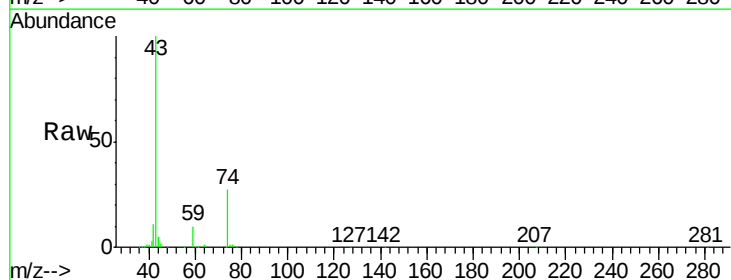
Acq: 20 Nov 2020 23:40

Tgt Ion: 43 Resp: 64277

Ion Ratio Lower Upper

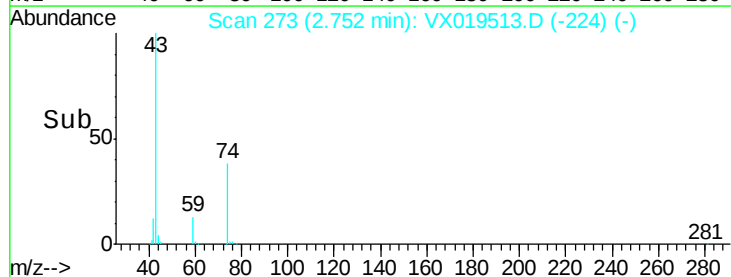
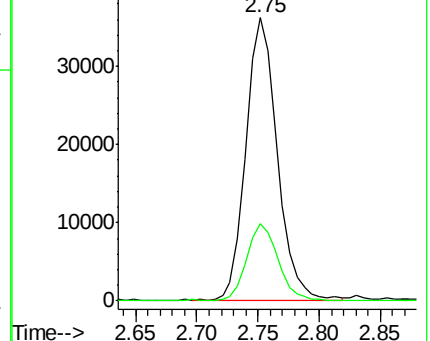
43 100

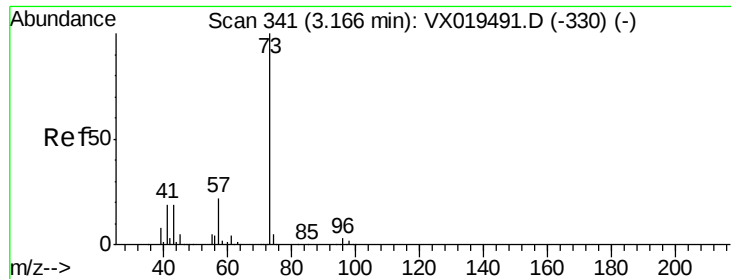
74 27.0 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

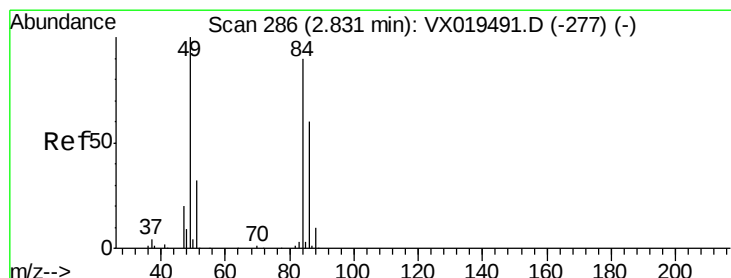
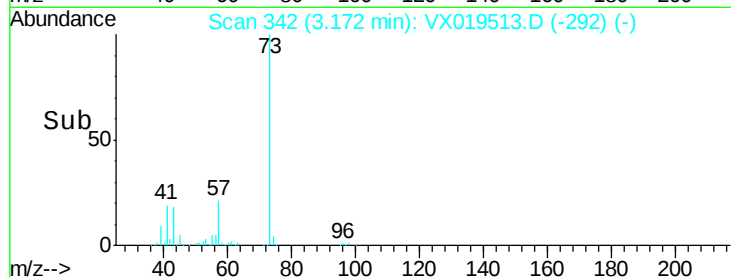
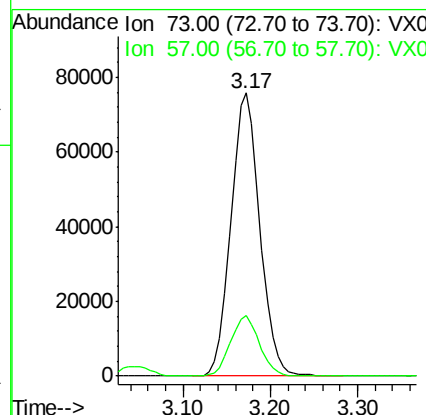
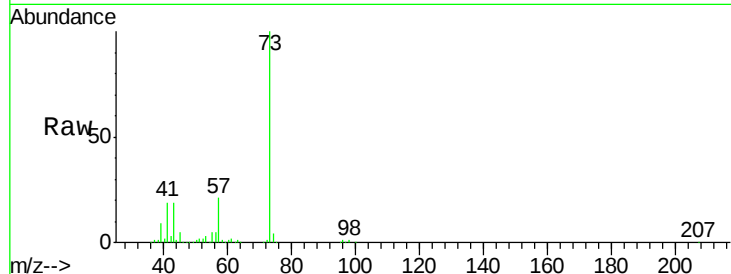




#19
Methvl tert-butvl Ether
Concen: 19.924 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

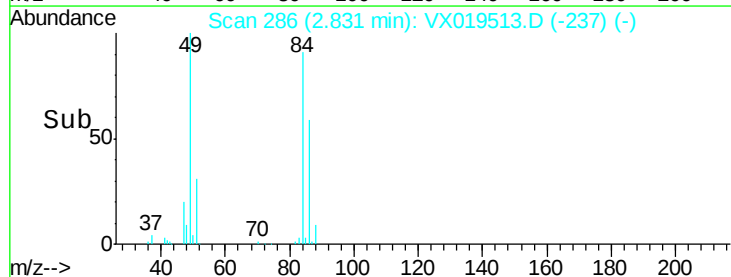
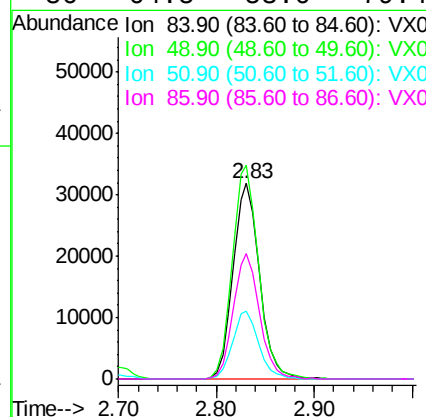
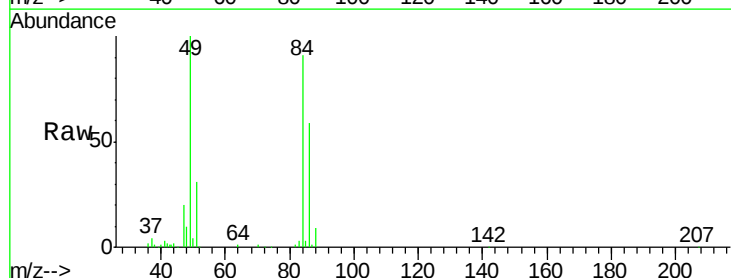
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

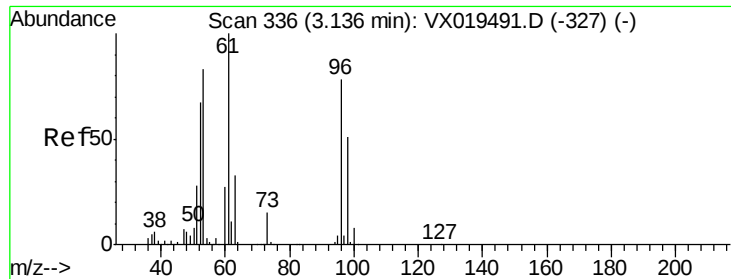
Tot Ion: 73 Resp: 173887
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 18.713 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 84 Resp: 59726
Ion Ratio Lower Upper
84 100
49 109.4 88.5 132.7
51 34.4 28.0 42.0
86 64.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.816 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

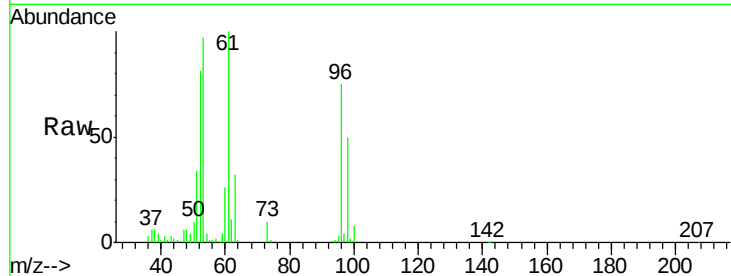
Tot Ion: 96 Resp: 53903

Ion Ratio Lower Upper

96 100

61 133.0 102.9 154.3

98 66.2 52.1 78.1

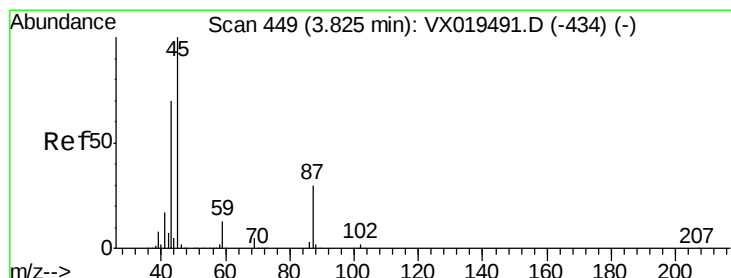
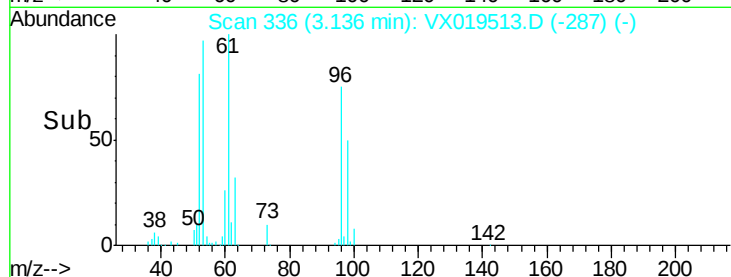
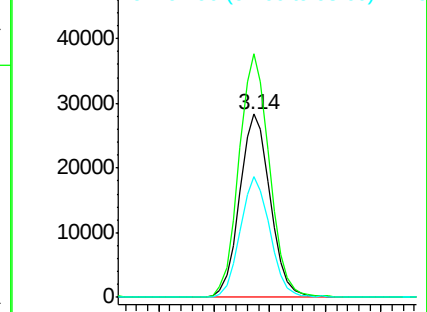


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.765 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Tgt Ion: 45 Resp: 161951

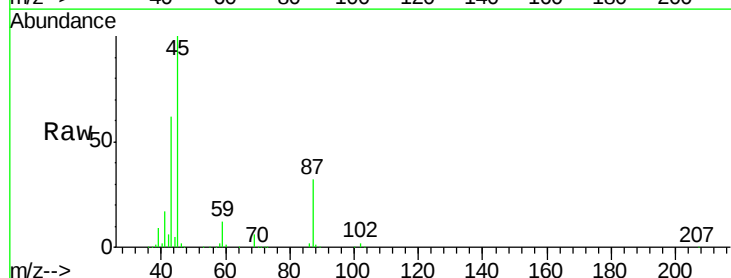
Ion Ratio Lower Upper

45 100

43 62.2 56.1 84.1

87 32.0 24.2 36.2

59 12.1 10.2 15.2



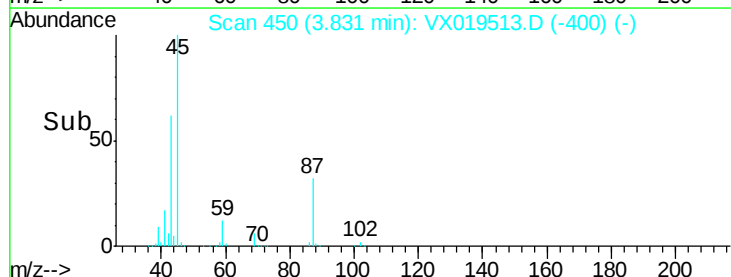
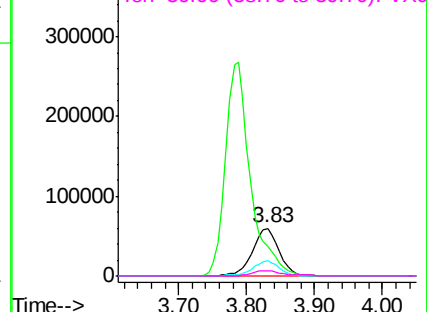
Abundance

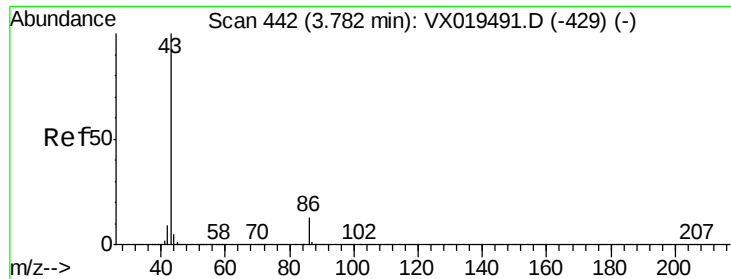
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.943 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

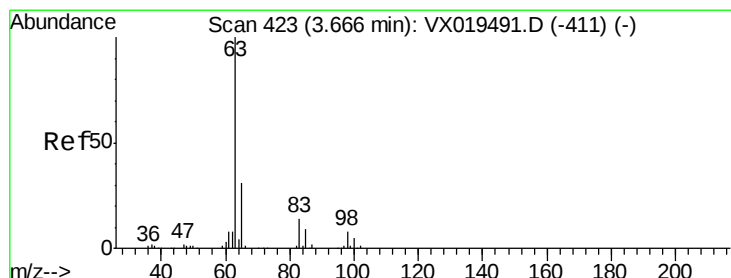
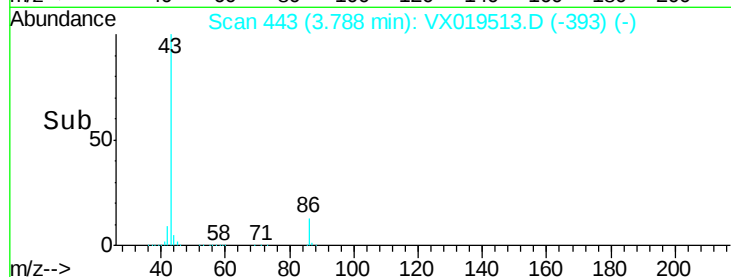
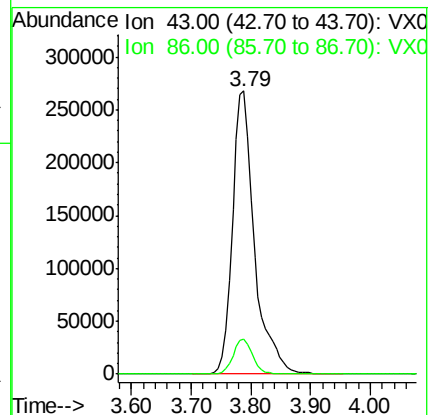
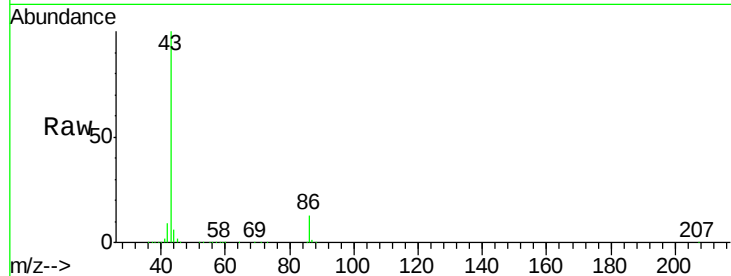
VX1121WBS02

Tot Ion: 43 Resp: 686906

Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



#24

1,1-Dichloroethane

Concen: 19.588 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

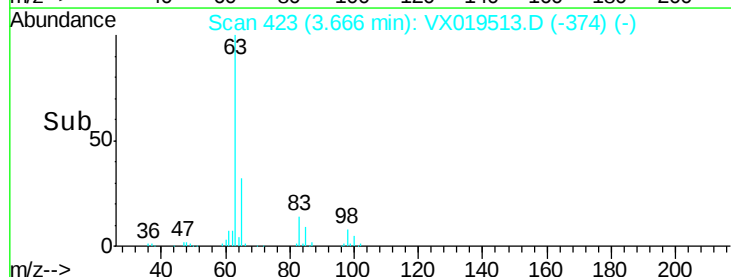
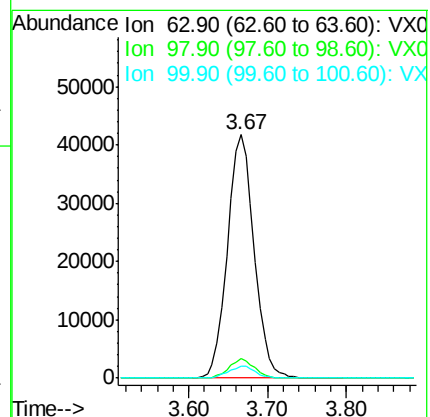
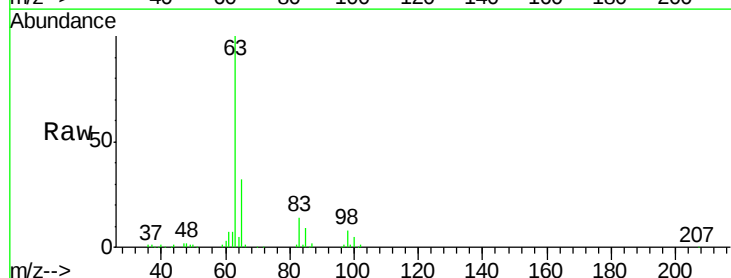
Tgt Ion: 63 Resp: 98175

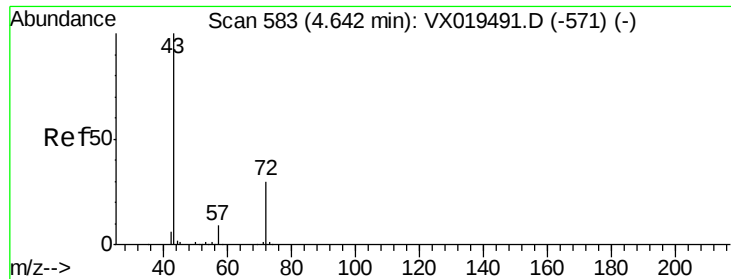
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.7 2.4 7.1

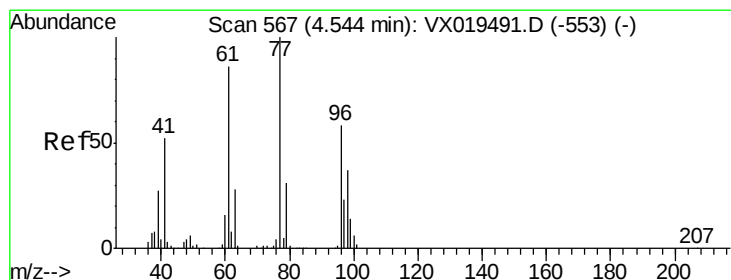
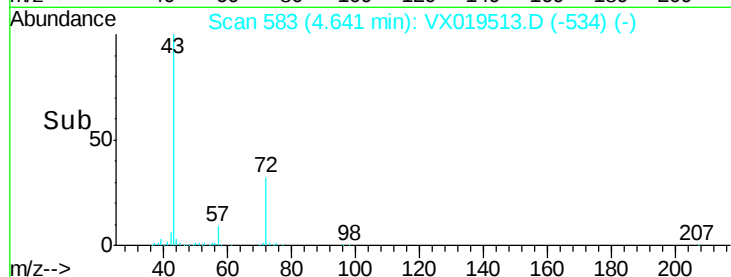
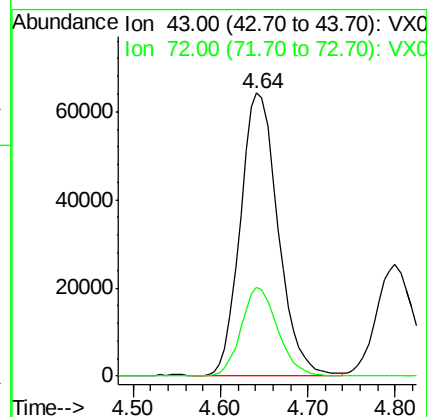
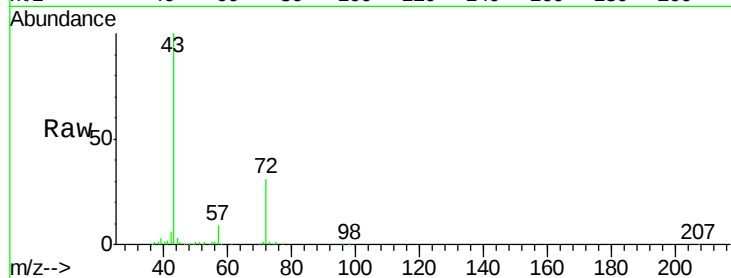




#25
2-Butanone
Concen: 99.857 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

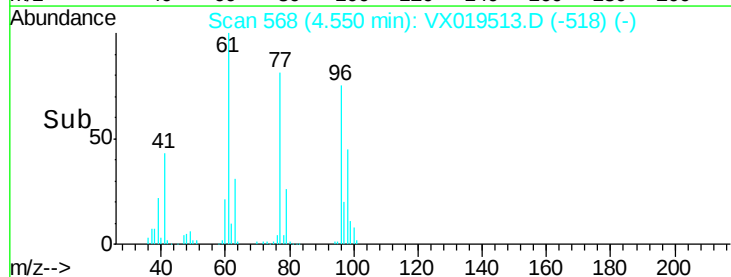
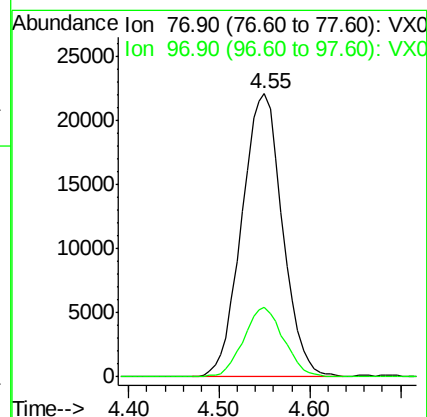
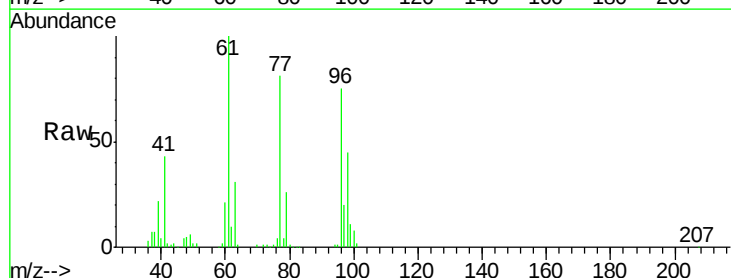
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

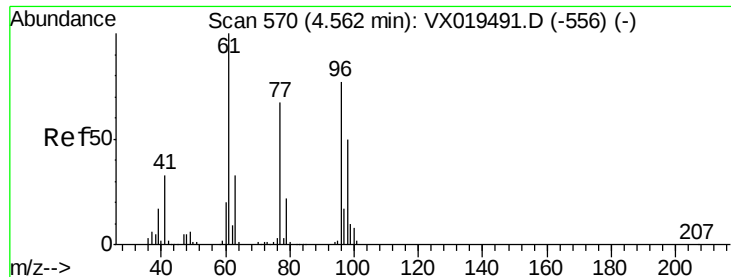
Tot Ion: 43 Resp: 191553
Ion Ratio Lower Upper
43 100
72 31.3 24.0 36.0



#26
2,2-Dichloropropane
Concen: 15.702 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 77 Resp: 68692
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8



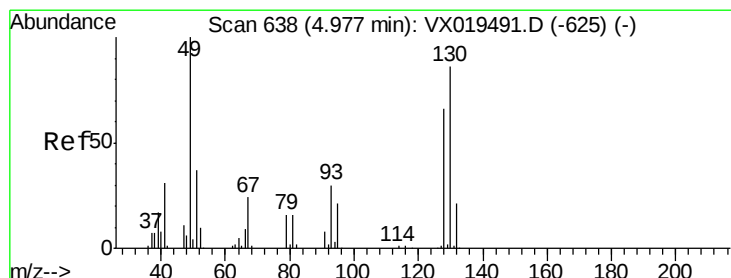
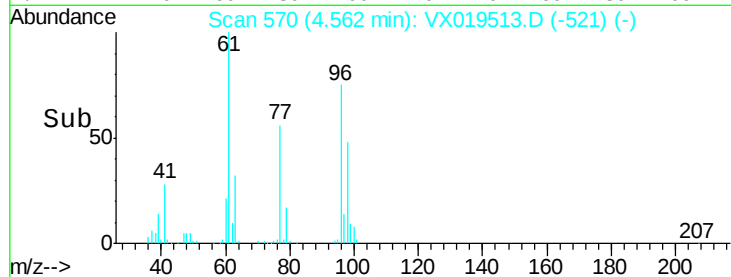
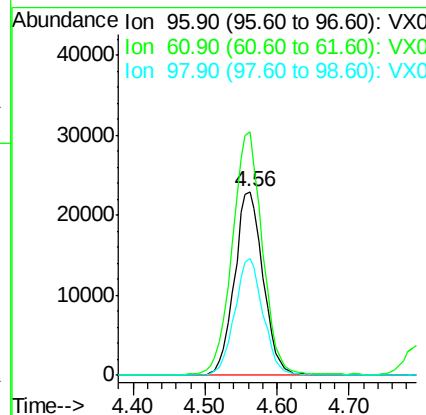
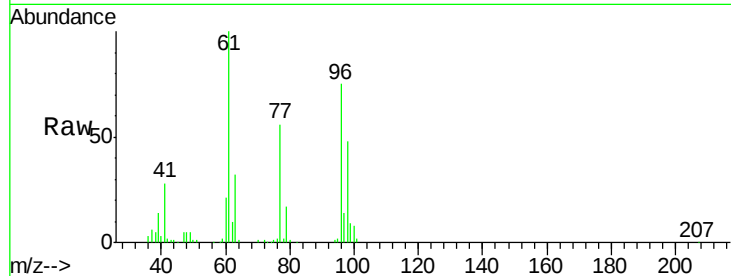


#27

cis-1,2-Dichloroethene
Concen: 19.322 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

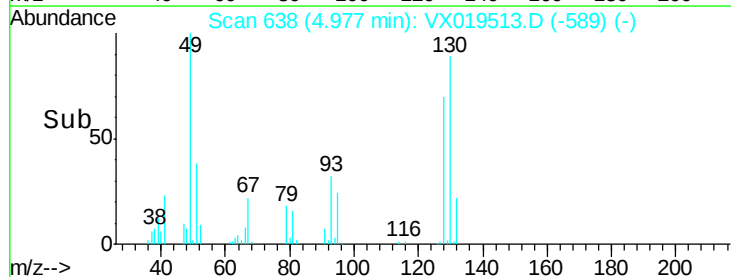
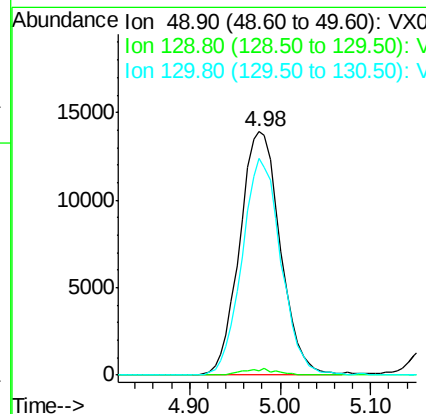
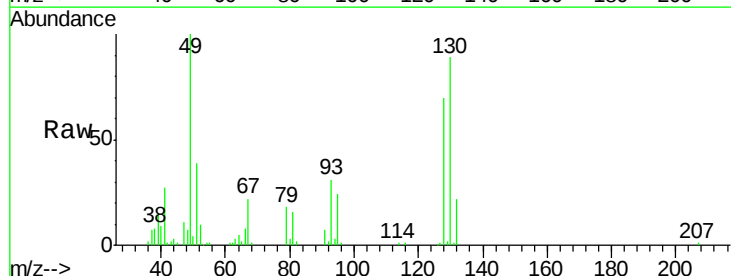
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	279.2
98	63.3	0.0	129.8

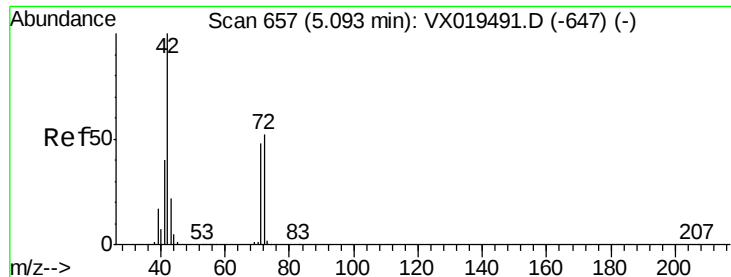


#28

Bromochloromethane
Concen: 18.011 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	85.3	69.0	103.6

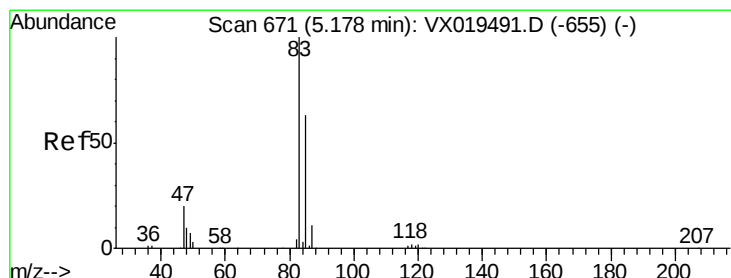
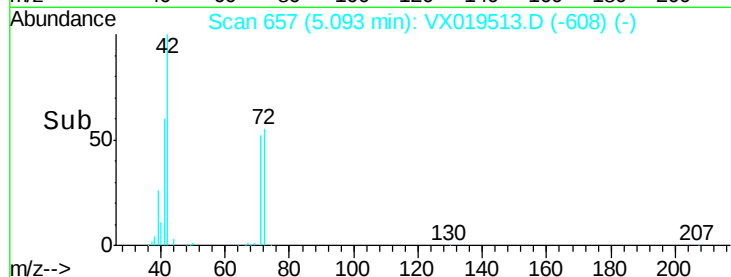
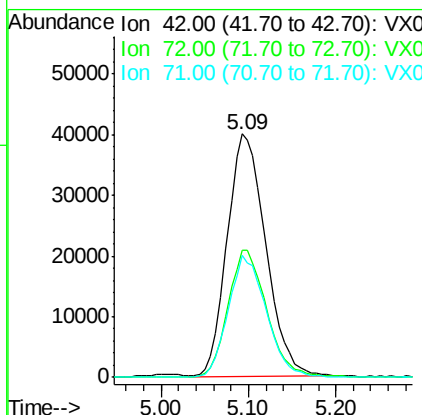
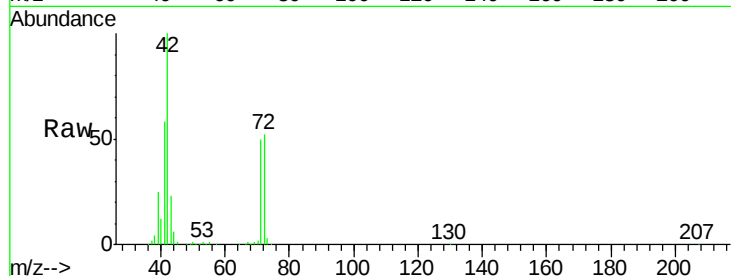




#29
Tetrahydrofuran
Concen: 100.194 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

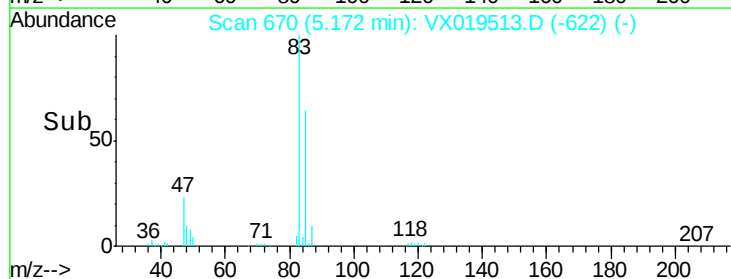
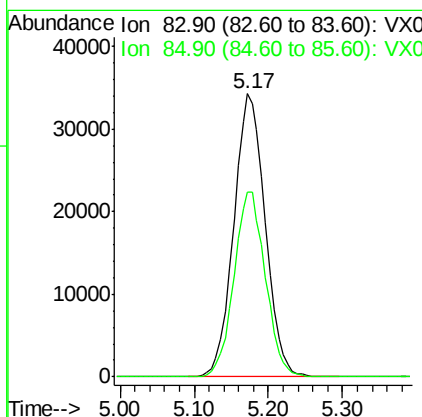
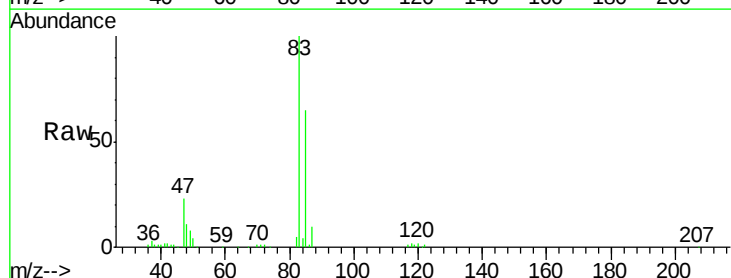
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

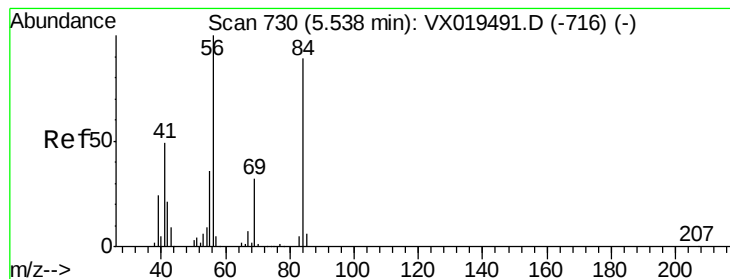
Tot Ion: 42 Resp: 122632
Ion Ratio Lower Upper
42 100
72 53.0 42.6 63.8
71 49.4 39.0 58.6



#30
Chloroform
Concen: 19.320 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 83 Resp: 101250
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7





#31

Cyclohexane

Concen: 18.653 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

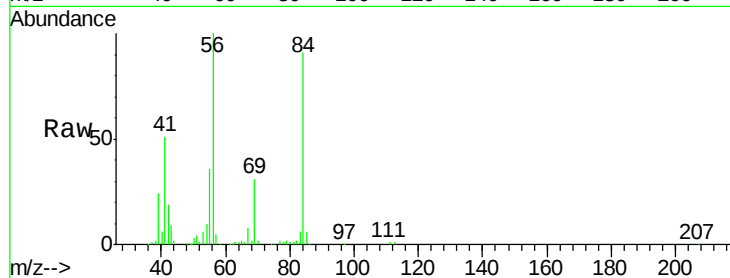
Tot Ion: 56 Resp: 80109

Ion Ratio Lower Upper

56 100

69 31.2 25.5 38.3

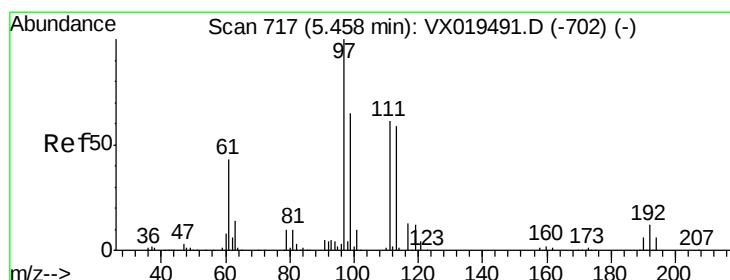
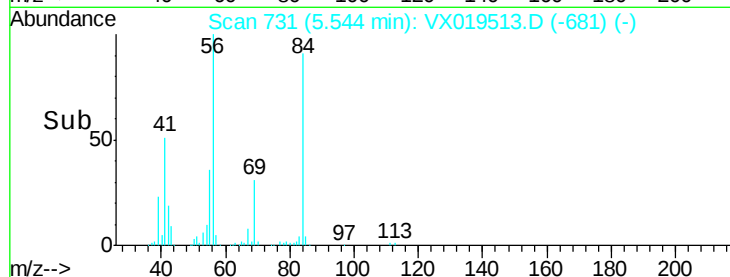
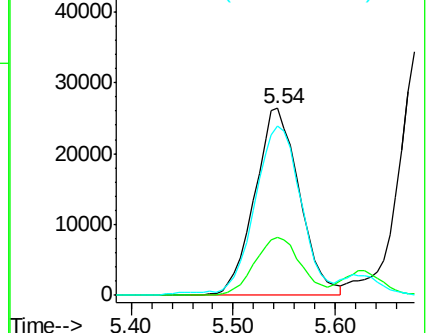
84 88.9 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.400 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

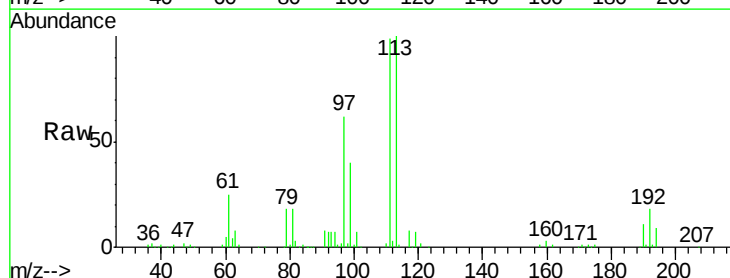
Tgt Ion: 97 Resp: 87335

Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

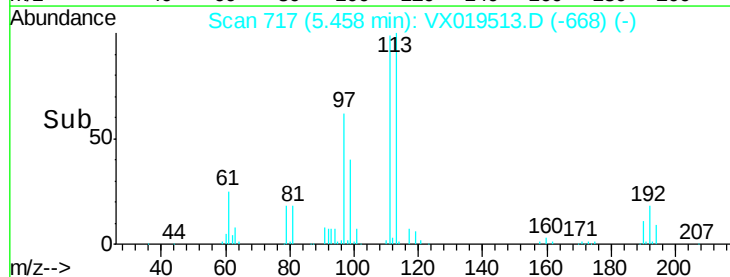
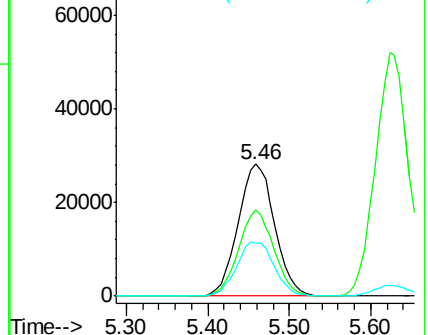
61 42.5 34.2 51.2

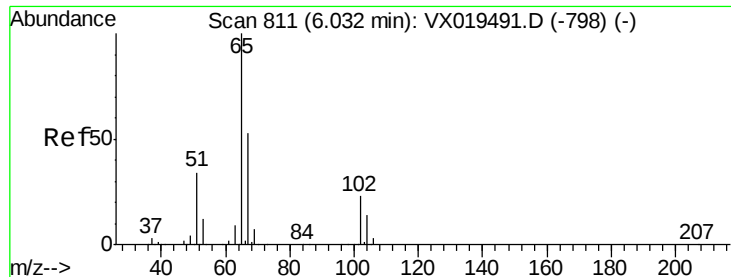


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.748 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

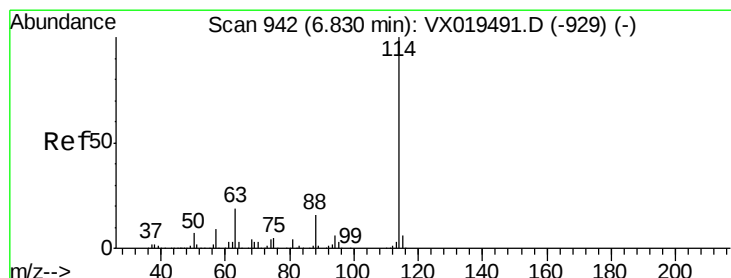
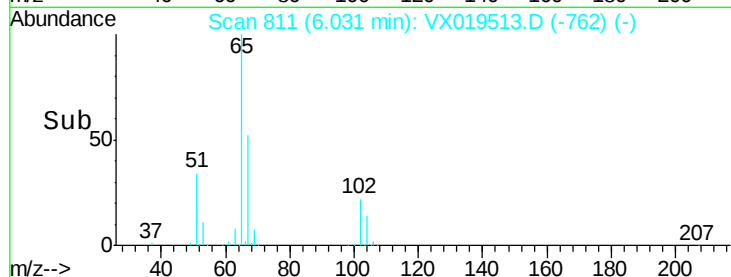
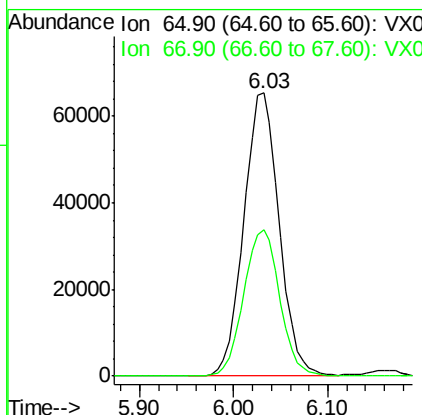
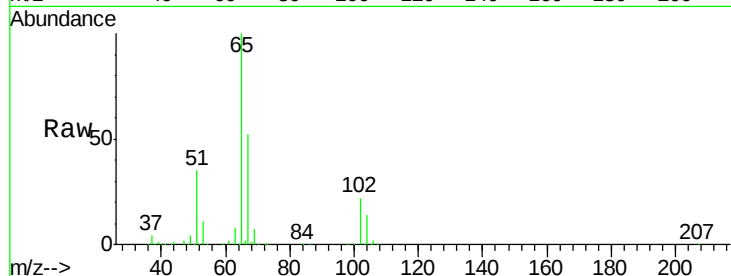
VX1121WBS02

Tot Ion: 65 Resp: 170875

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

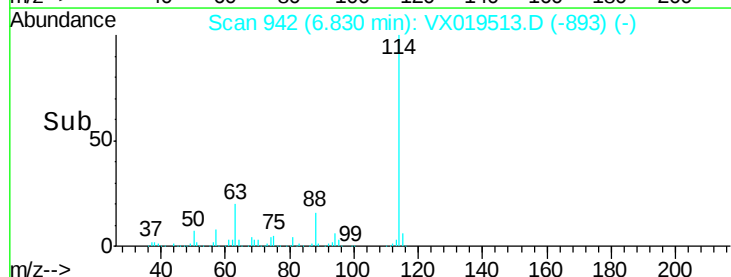
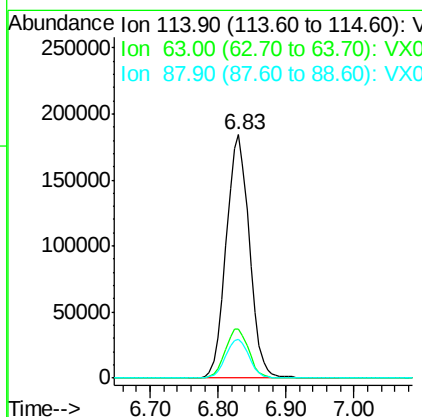
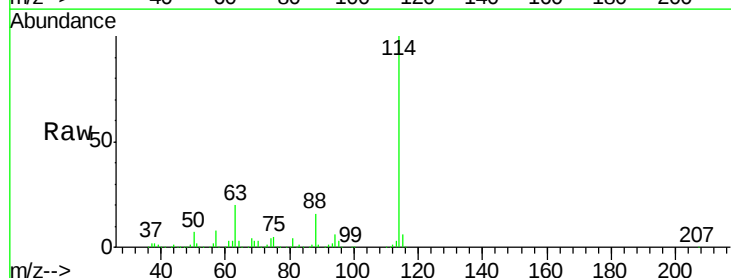
Tgt Ion: 114 Resp: 435627

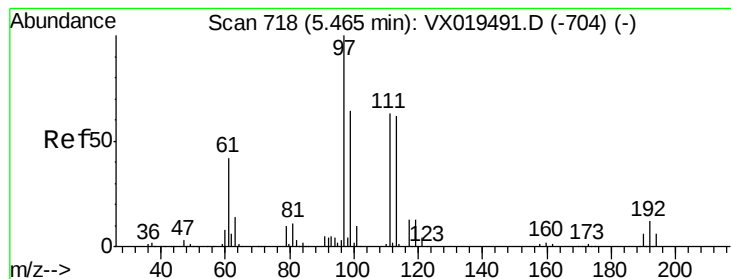
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.432 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

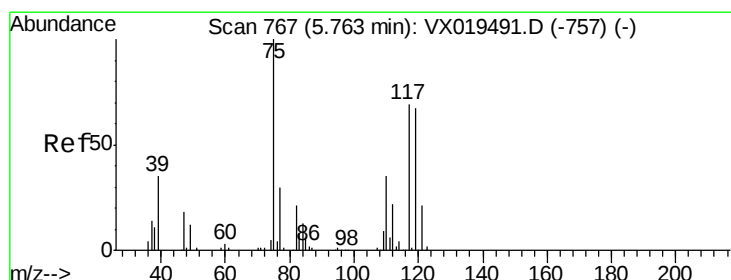
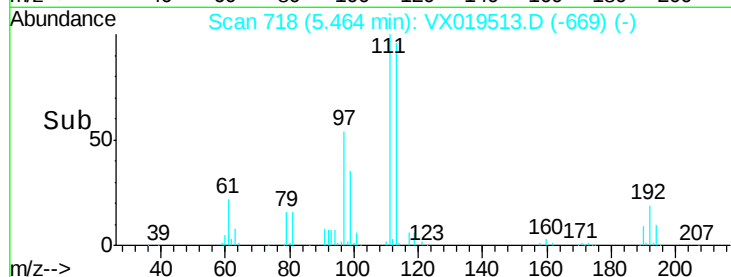
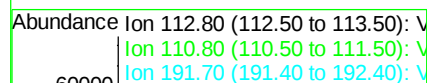
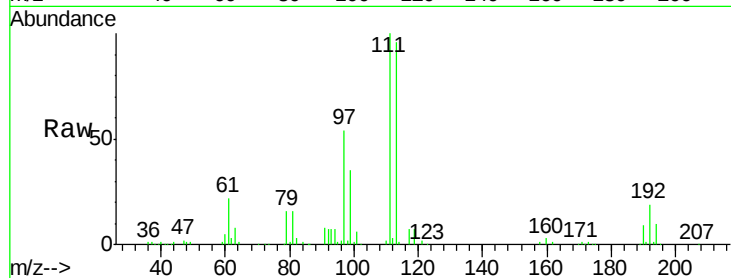
Tot Ion:113 Resp: 135168

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

192 20.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 17.750 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

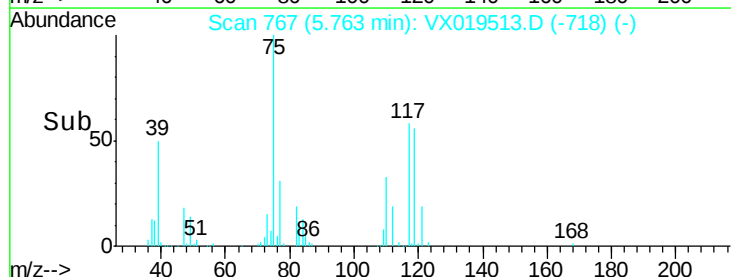
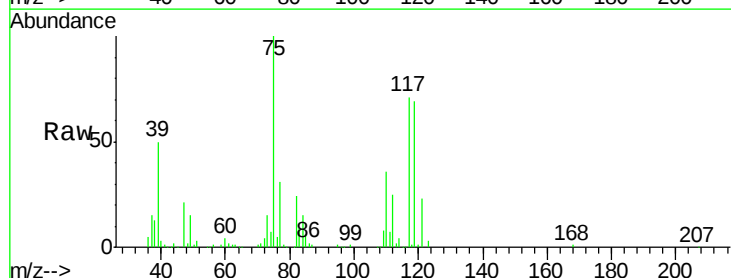
Tgt Ion: 75 Resp: 72490

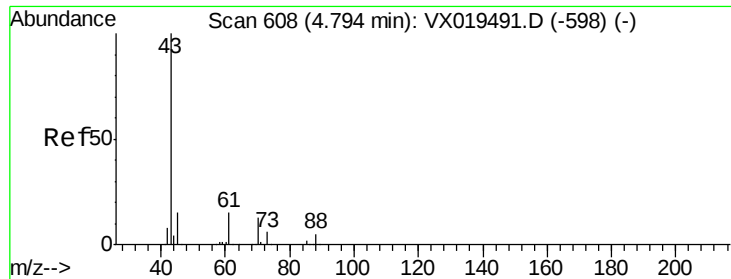
Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.3

77 31.2 24.2 36.4

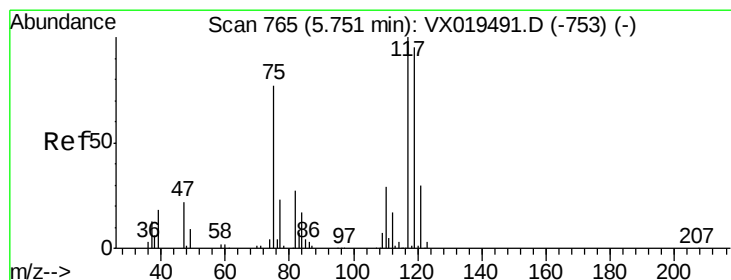
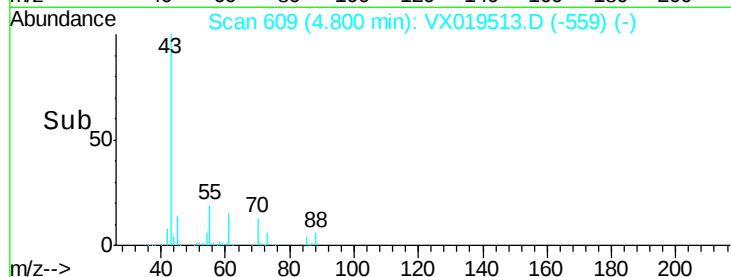
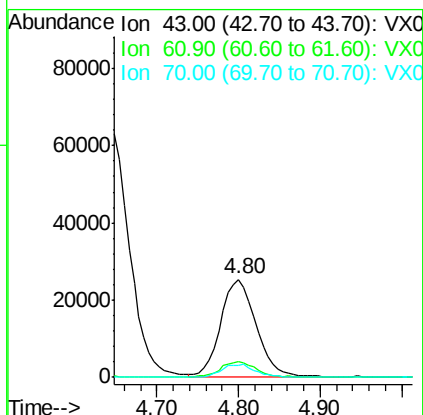
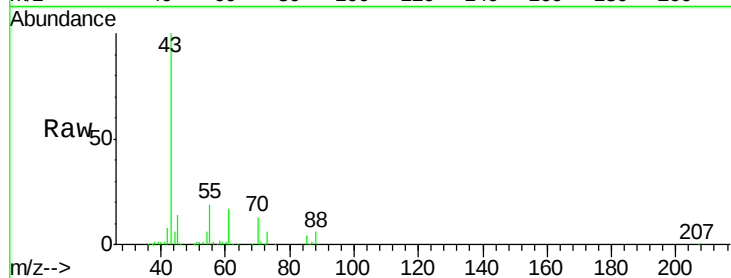




#37
Ethyl Acetate
Concen: 19.673 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

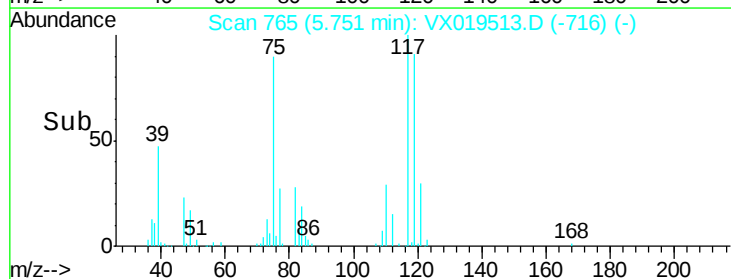
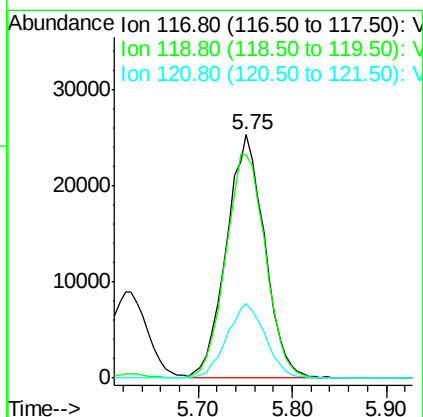
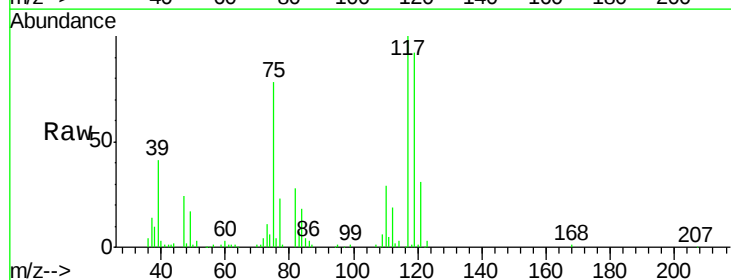
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

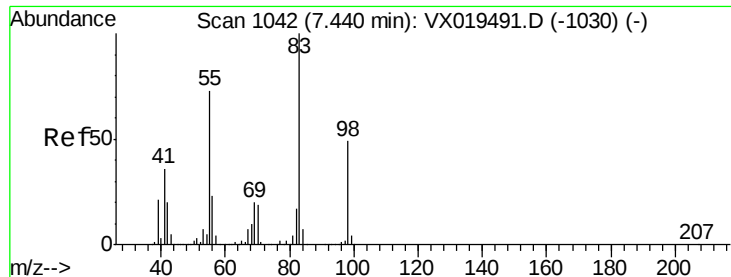
Tot Ion: 43 Resp: 75429
Ion Ratio Lower Upper
43 100
61 16.7 12.7 19.1
70 13.2 10.2 15.2



#38
Carbon Tetrachloride
Concen: 18.148 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 117 Resp: 71739
Ion Ratio Lower Upper
117 100
119 91.5 75.9 113.9
121 30.5 24.0 36.0

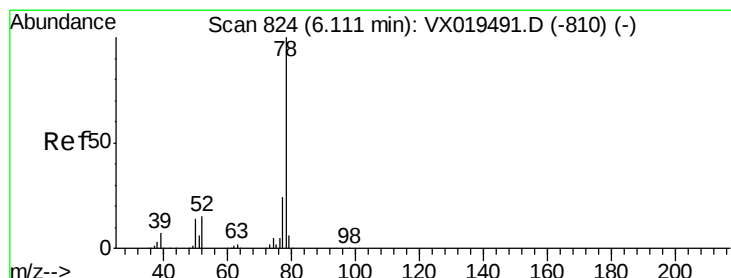
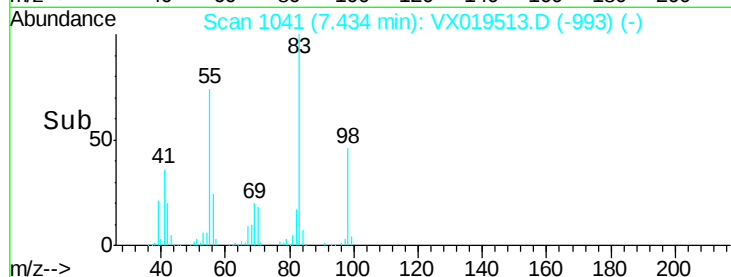
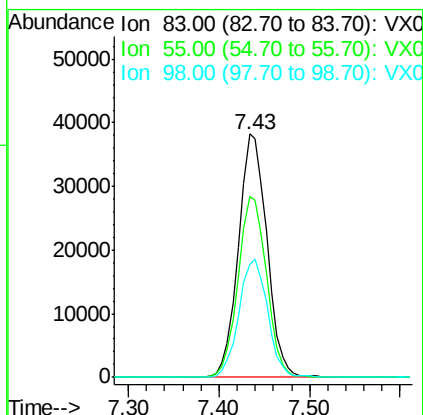
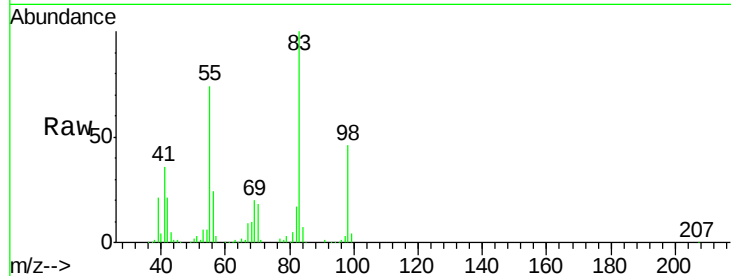




#39
Methylvlcyclohexane
Concen: 17.548 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

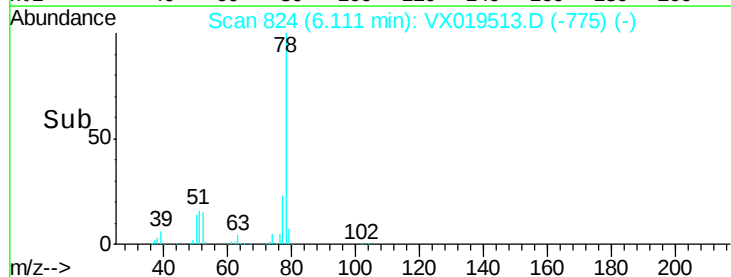
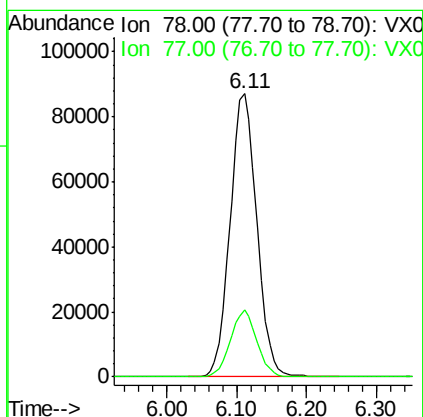
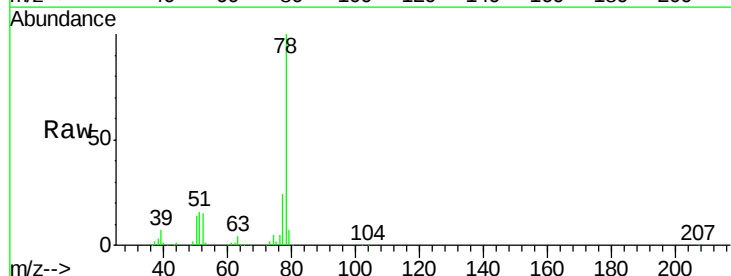
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

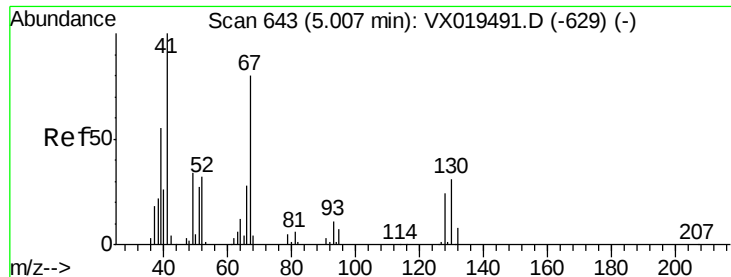
Tot Ion: 83 Resp: 83444
Ion Ratio Lower Upper
83 100
55 74.1 58.3 87.5
98 46.3 38.9 58.3



#40
Benzene
Concen: 18.426 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 78 Resp: 231209
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41

Methacrylonitrile

Concen: 18.942 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 41 Resp: 40048

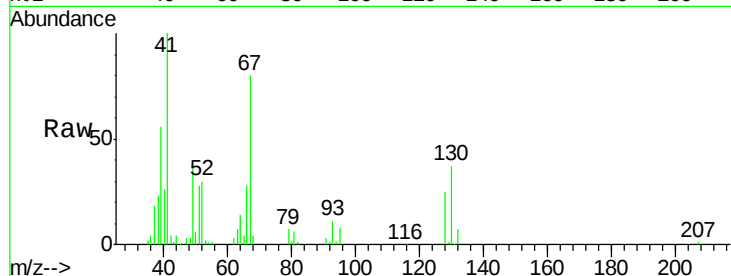
Ion Ratio Lower Upper

41 100

39 55.5 43.3 64.9

67 83.7 66.0 99.0

52 33.6 25.4 38.2

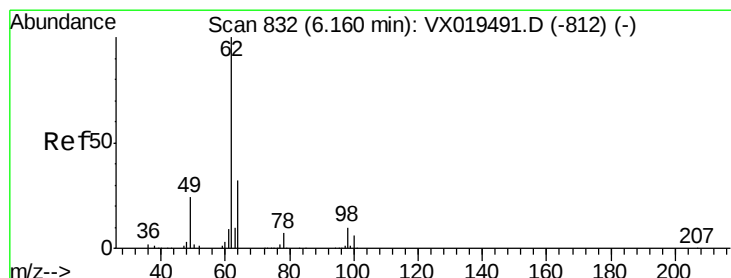
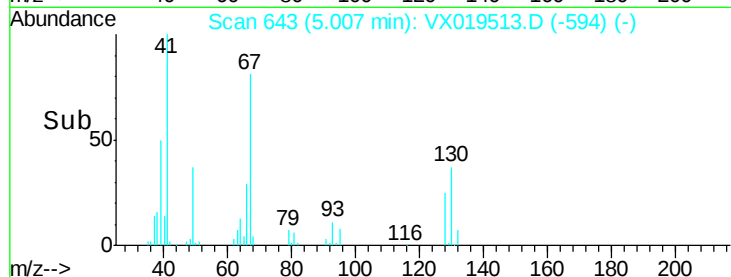
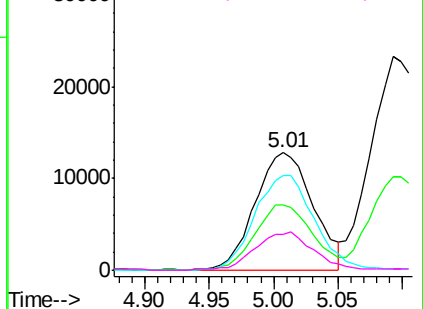


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.811 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019513.D

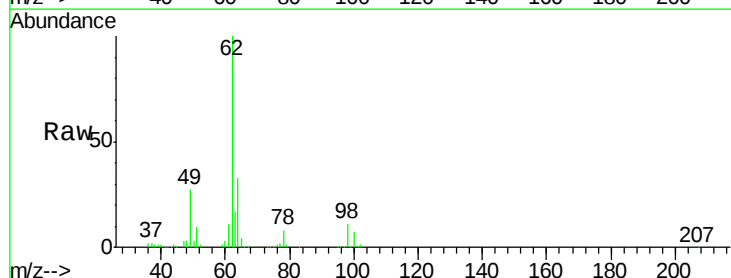
Acq: 20 Nov 2020 23:40

Tgt Ion: 62 Resp: 80903

Ion Ratio Lower Upper

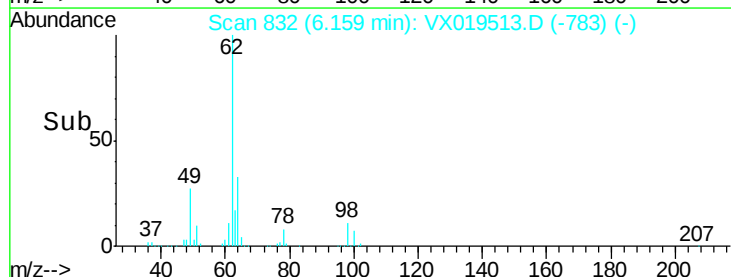
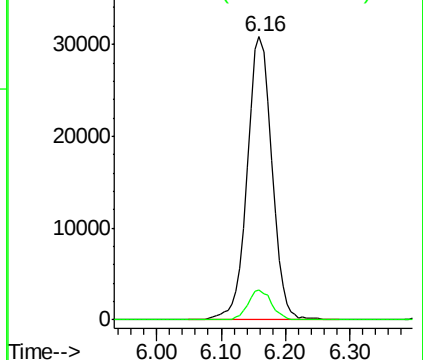
62 100

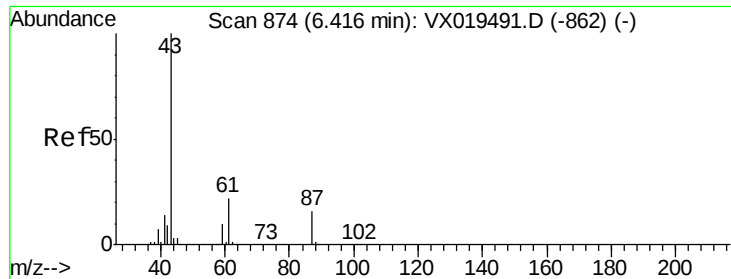
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.659 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

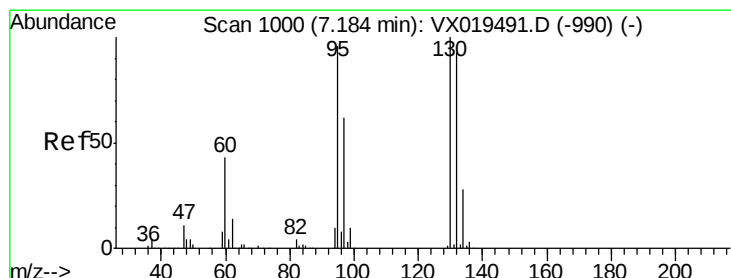
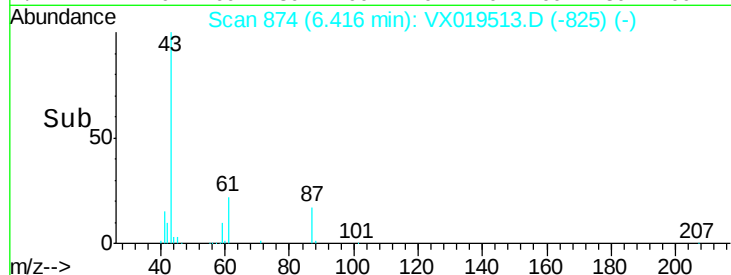
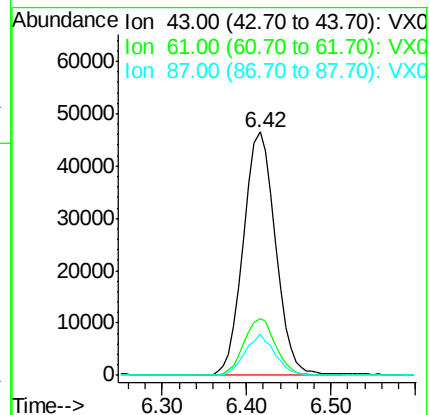
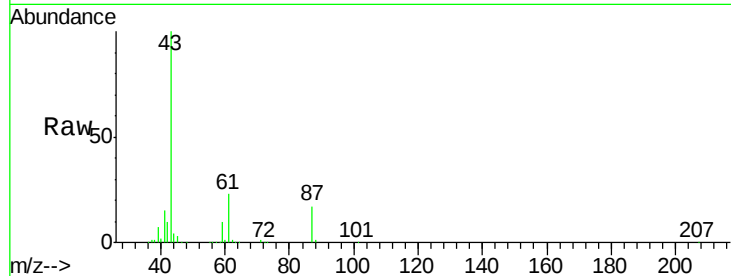
Tot Ion: 43 Resp: 120255

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.2

87 15.4 12.6 18.8



#44

Trichloroethene

Concen: 17.896 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019513.D

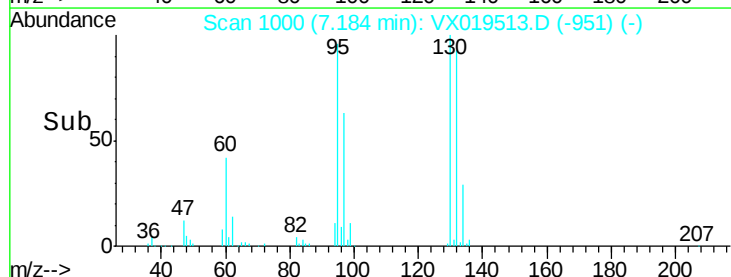
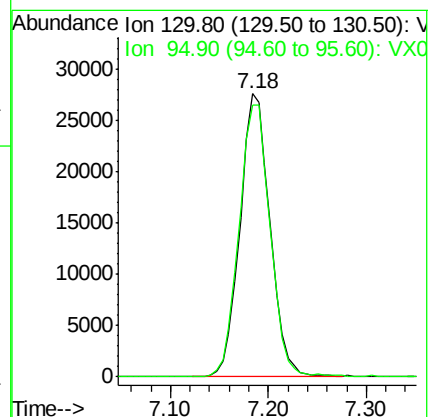
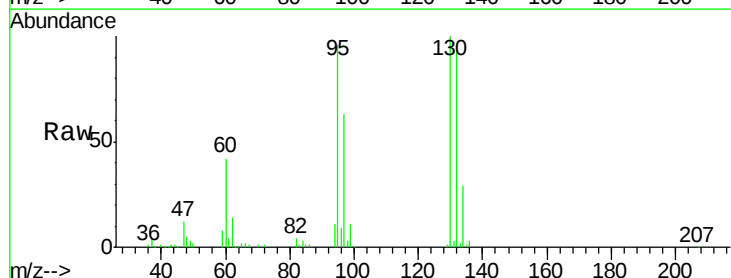
Acq: 20 Nov 2020 23:40

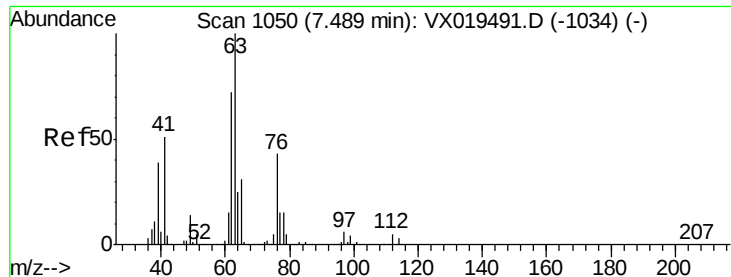
Tgt Ion: 130 Resp: 58821

Ion Ratio Lower Upper

130 100

95 96.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.859 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

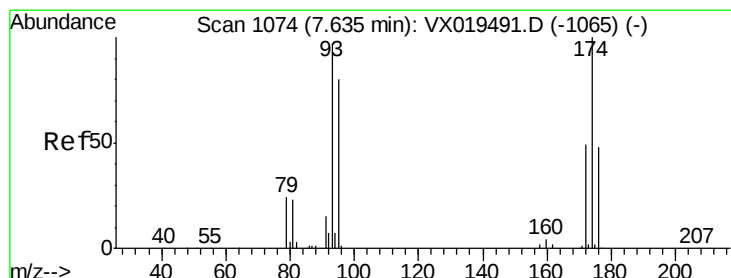
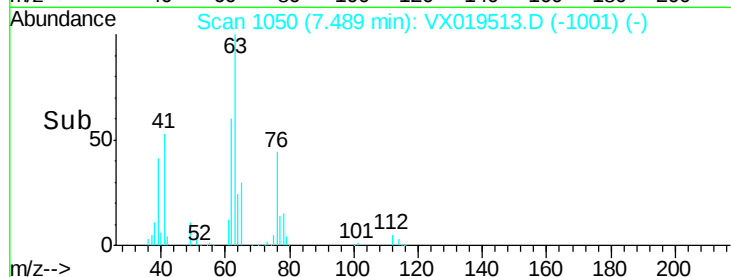
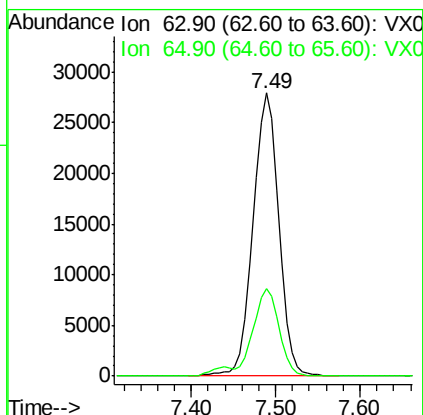
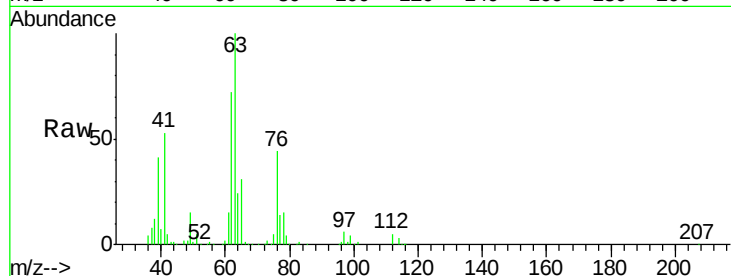
VX1121WBS02

Tot Ion: 63 Resp: 58258

Ion Ratio Lower Upper

63 100

65 30.8 25.0 37.4



#46

Dibromomethane

Concen: 18.722 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

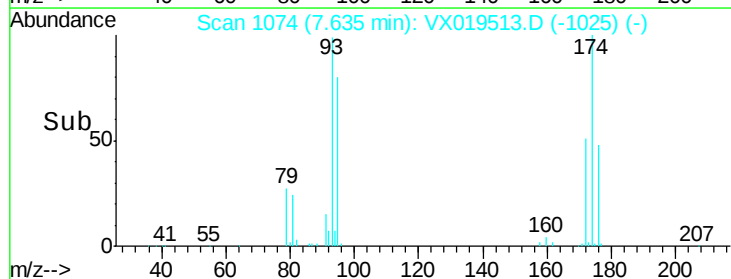
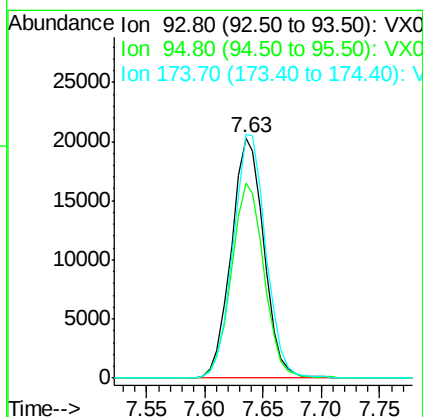
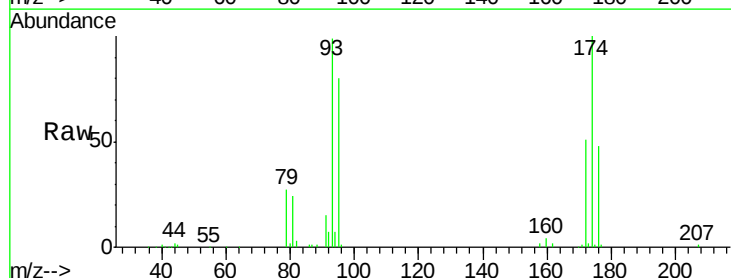
Tgt Ion: 93 Resp: 39584

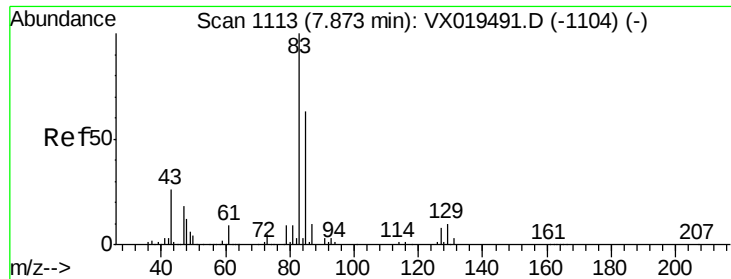
Ion Ratio Lower Upper

93 100

95 81.2 66.8 100.2

174 102.0 83.0 124.4

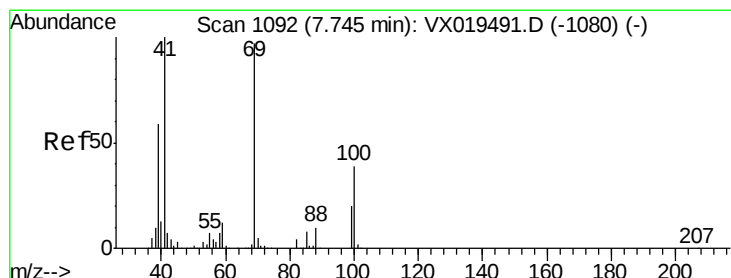
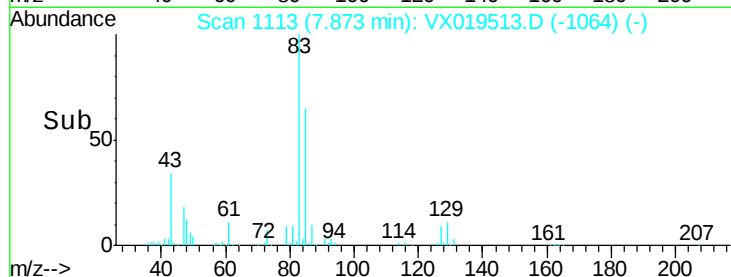
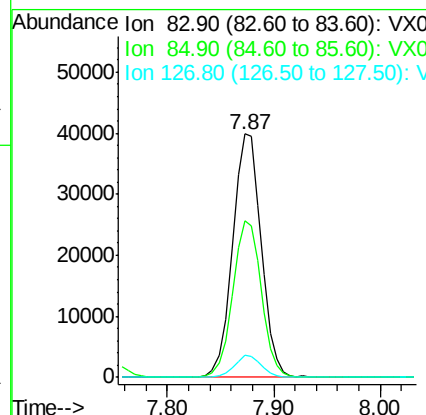
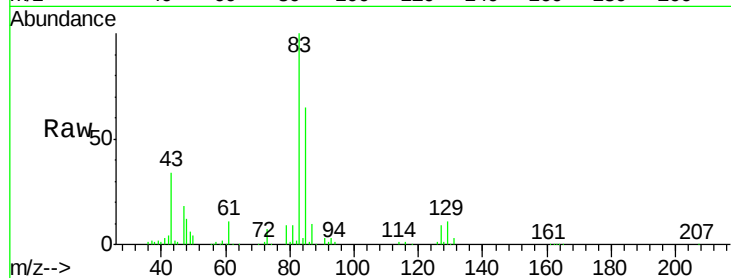




#47
Bromodichloromethane
Concen: 18.302 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

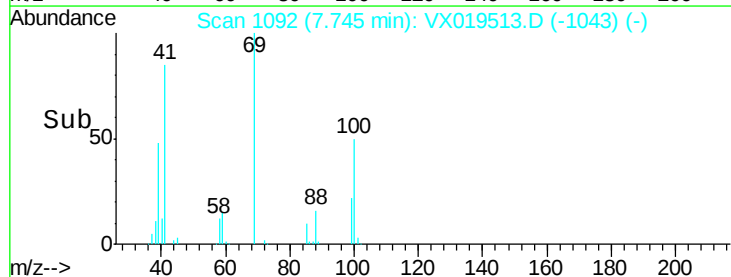
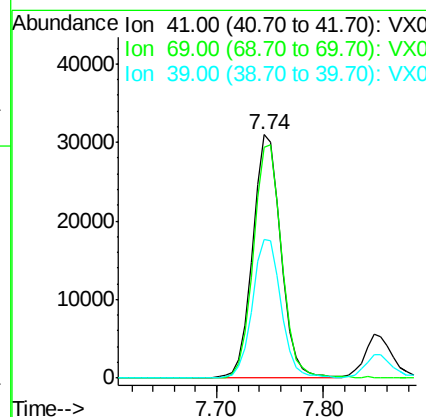
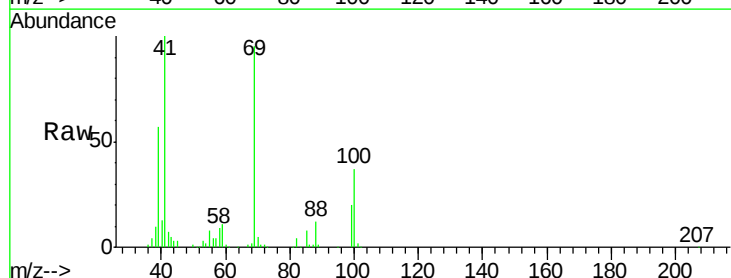
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

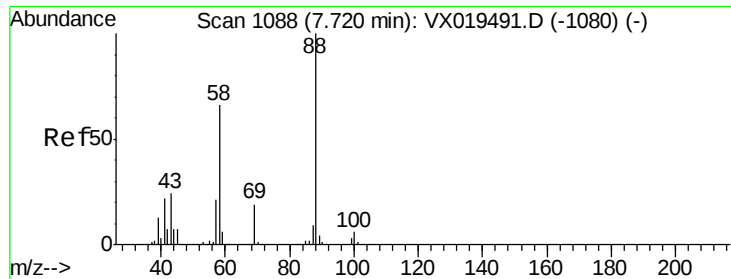
Tot Ion: 83 Resp: 75086
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.2
127 9.3 6.4 9.6



#48
Methyl methacrylate
Concen: 19.111 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 41 Resp: 57684
Ion Ratio Lower Upper
41 100
69 96.0 77.0 115.6
39 57.5 45.6 68.4

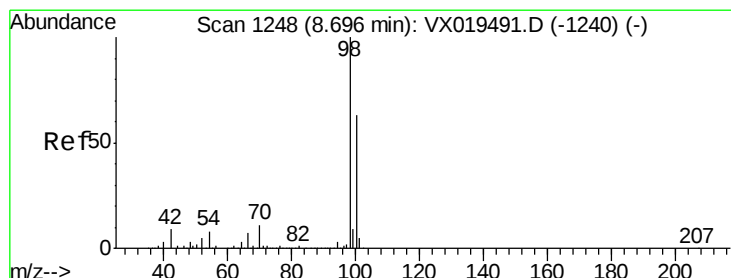
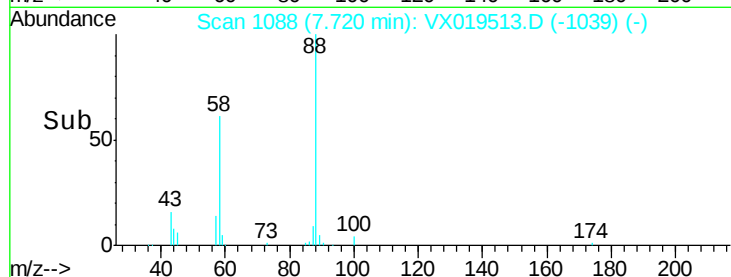
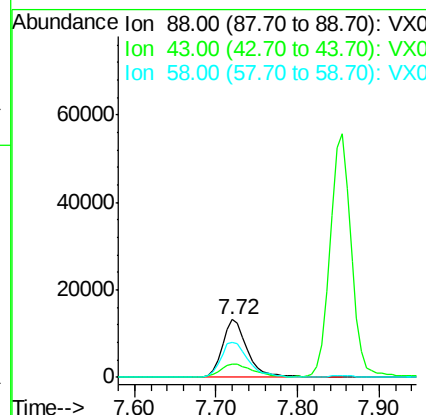
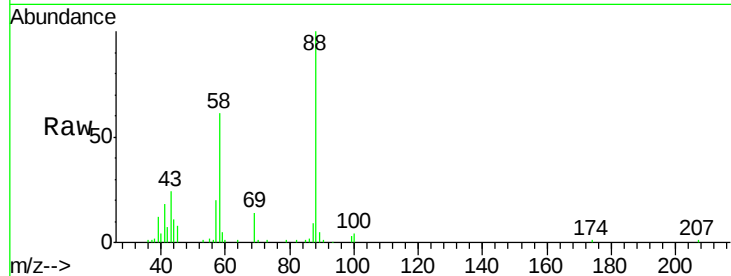




#49
1,4-Dioxane
Concen: 415.258 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

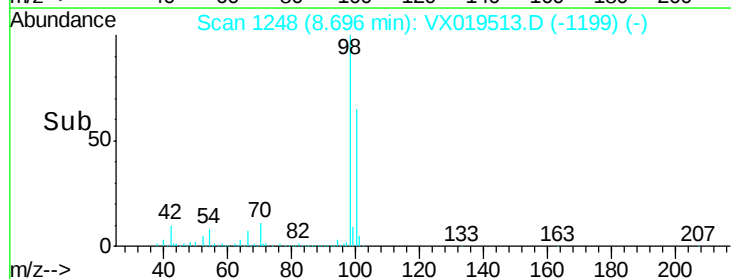
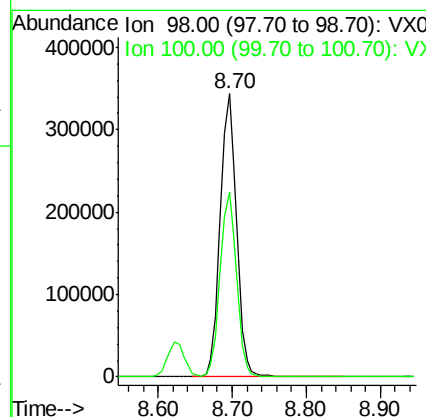
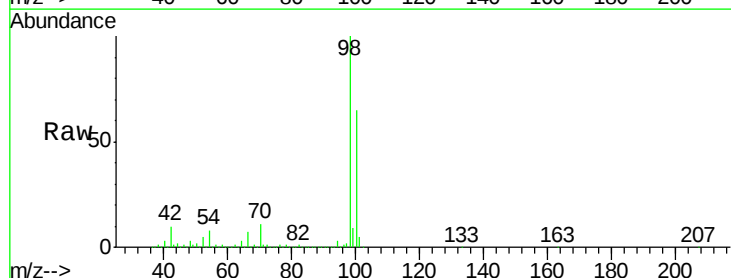
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

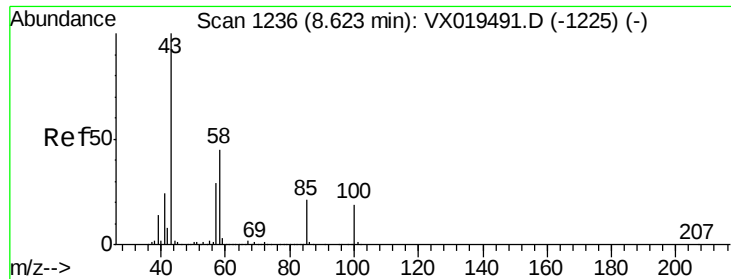
Tot Ion: 88 Resp: 28459
Ion Ratio Lower Upper
88 100
43 29.3 23.8 35.6
58 66.7 54.2 81.2



#50
Toluene-d8
Concen: 48.908 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 98 Resp: 519682
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 99.075 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampled :

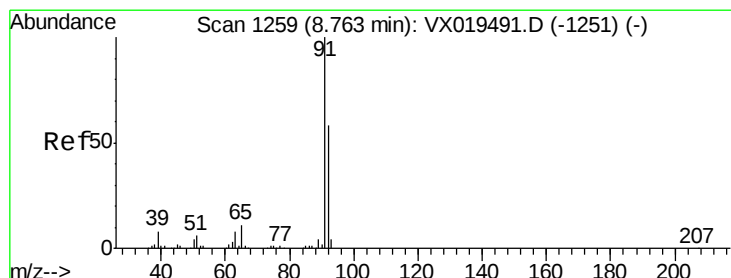
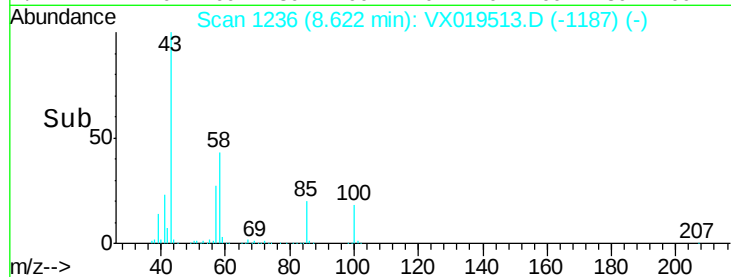
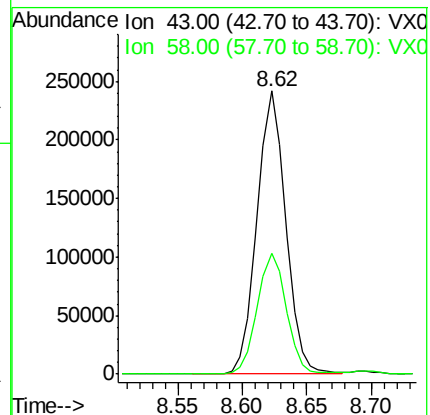
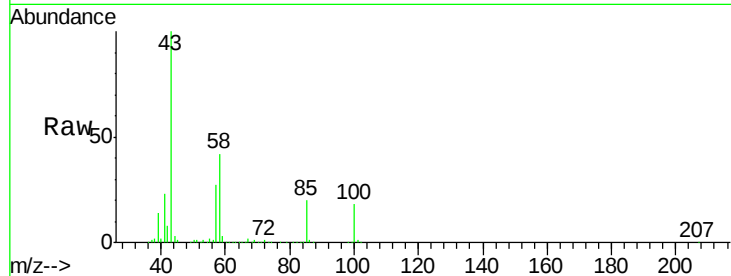
VX1121WBS02

Tot Ion: 43 Resp: 372353

Ion Ratio Lower Upper

43 100

58 43.3 35.1 52.7



#52

Toluene

Concen: 18.603 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019513.D

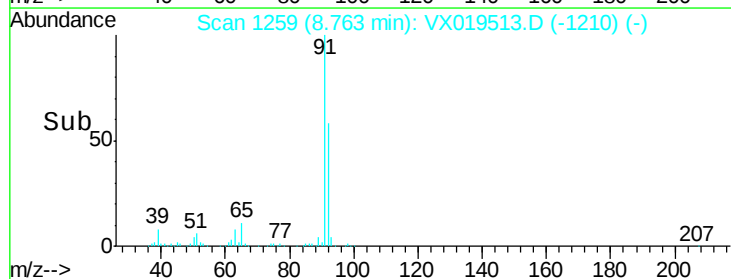
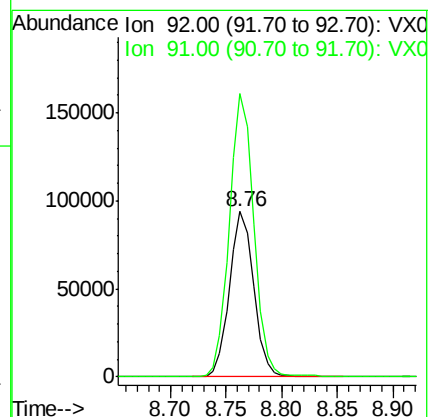
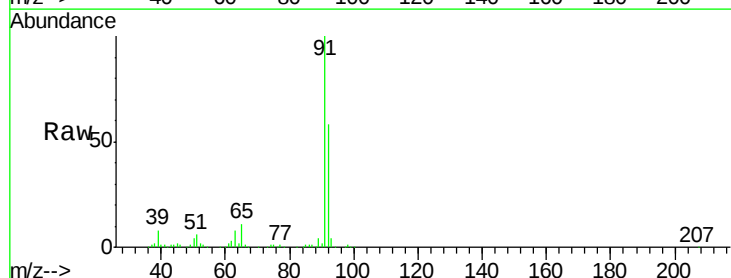
Acq: 20 Nov 2020 23:40

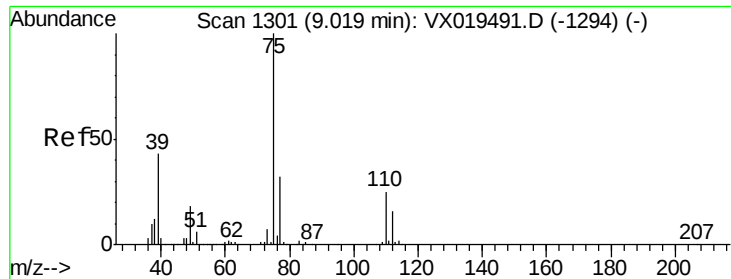
Tgt Ion: 92 Resp: 142802

Ion Ratio Lower Upper

92 100

91 172.1 138.1 207.1

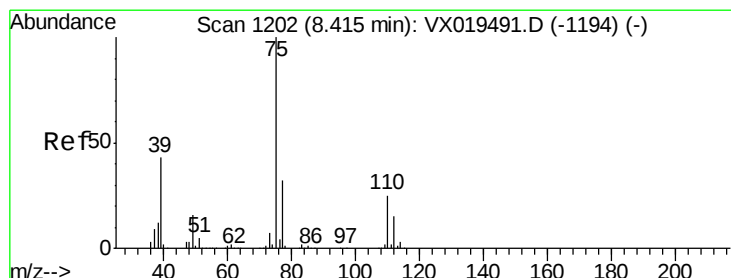
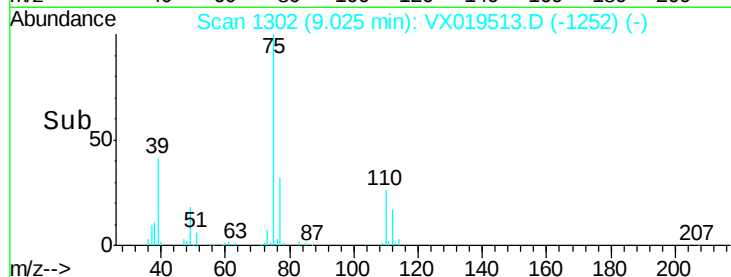
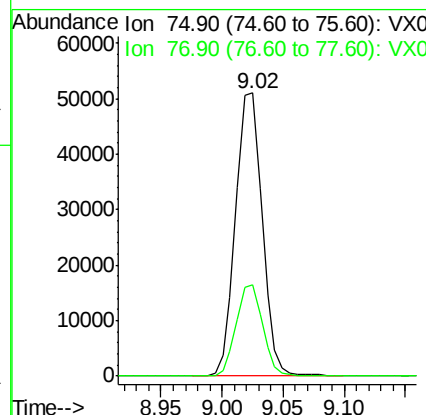
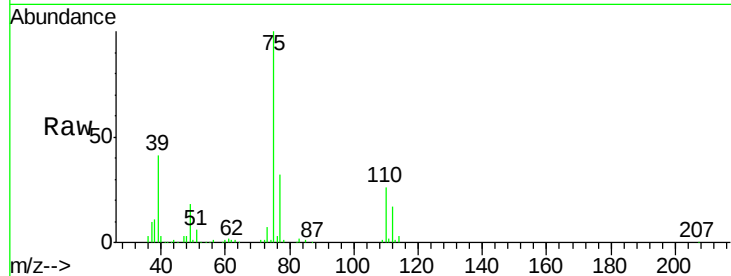




#53
t-1,3-Dichloropropene
Concen: 17.383 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

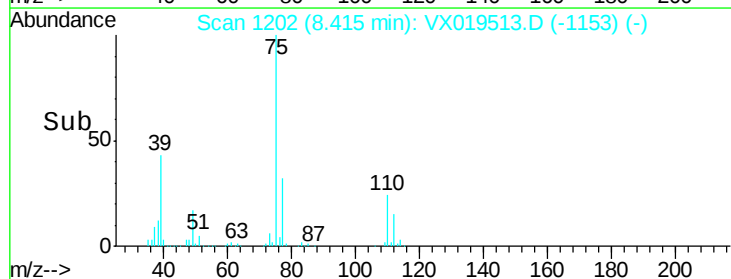
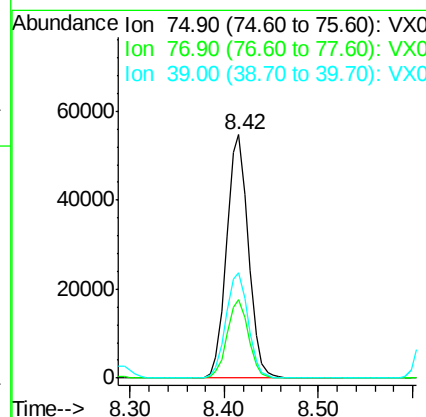
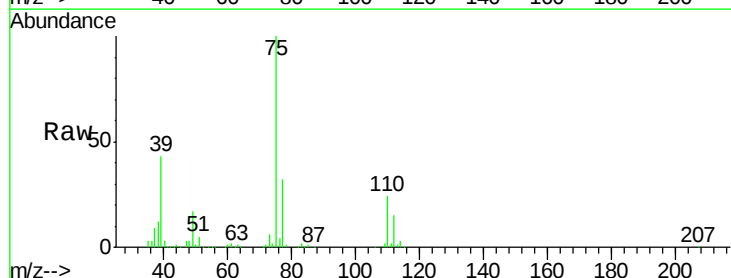
Instrument :
MSVOA_X
ClientSampled :
VX1121WBS02

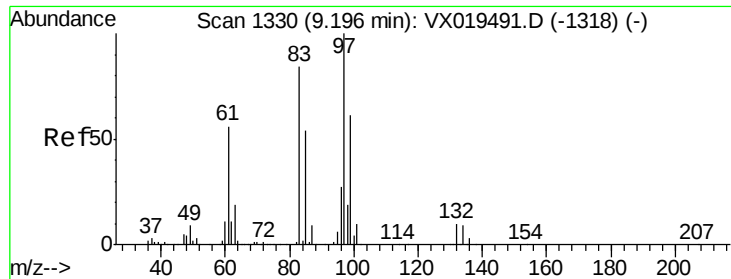
Tot Ion: 75 Resp: 77021
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 17.836 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 75 Resp: 87703
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 43.0 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 18.565 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

Tot Ion: 97 Resp: 58039

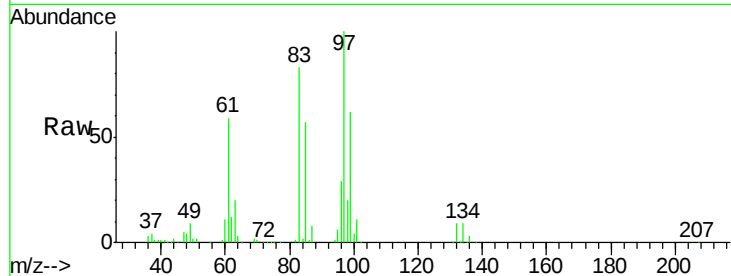
Ion Ratio Lower Upper

97 100

83 83.1 67.0 100.6

85 56.9 43.4 65.0

99 62.2 49.0 73.4



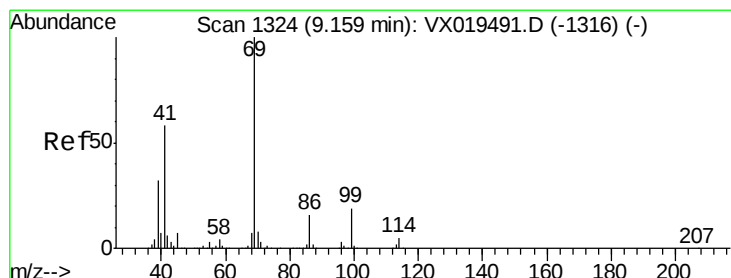
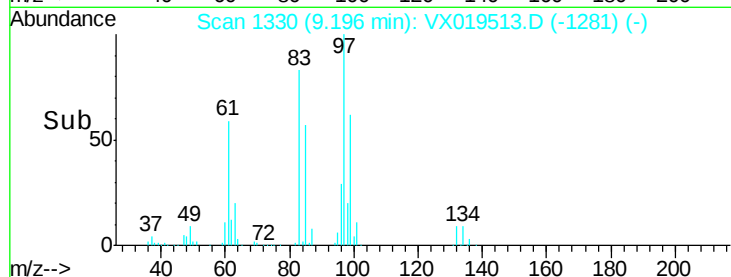
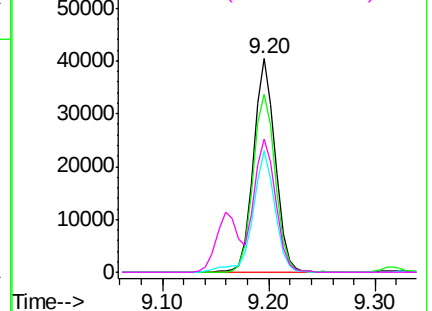
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.884 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

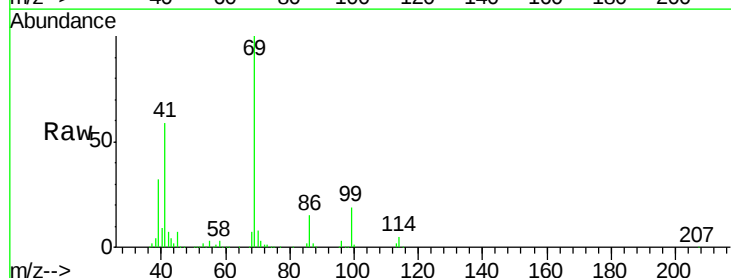
Tgt Ion: 69 Resp: 83536

Ion Ratio Lower Upper

69 100

41 57.3 46.2 69.2

39 31.4 25.5 38.3

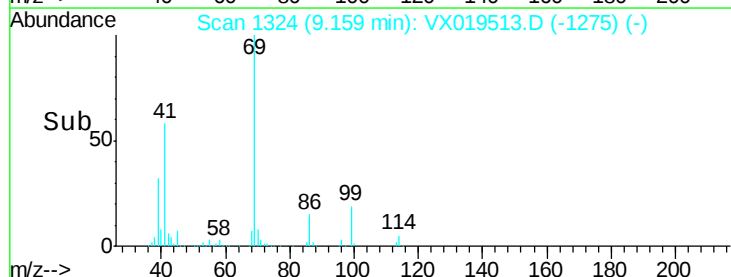
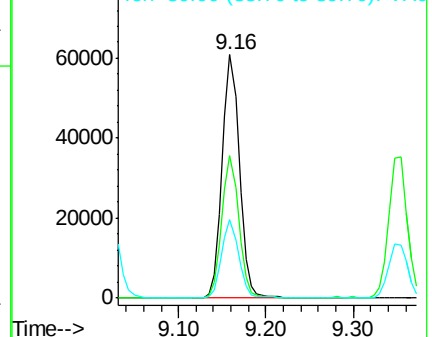


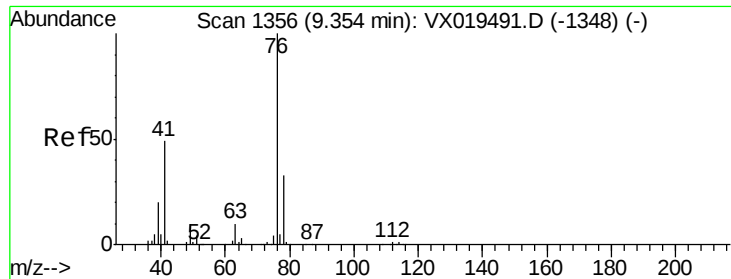
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

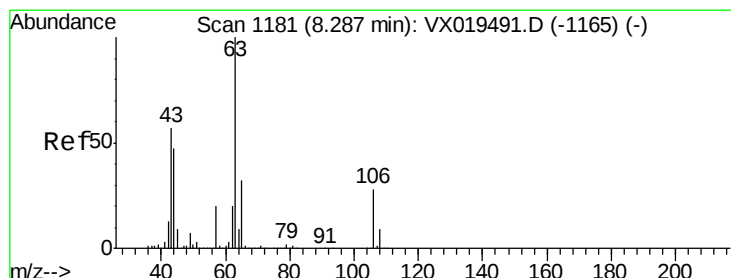
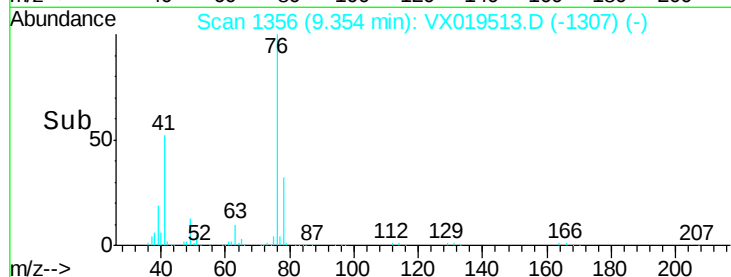
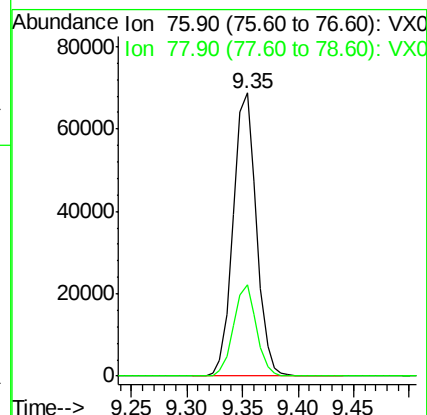
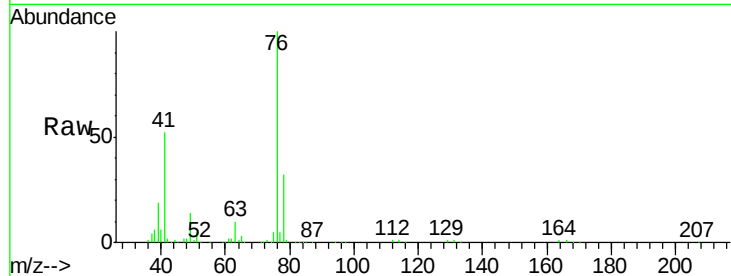




#57
 1,3-Dichloropropane
 Concen: 18.967 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019513.D
 Acq: 20 Nov 2020 23:40

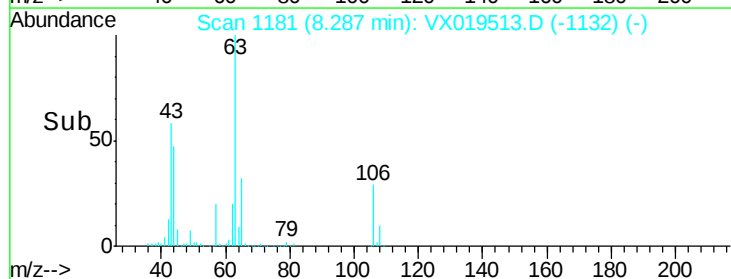
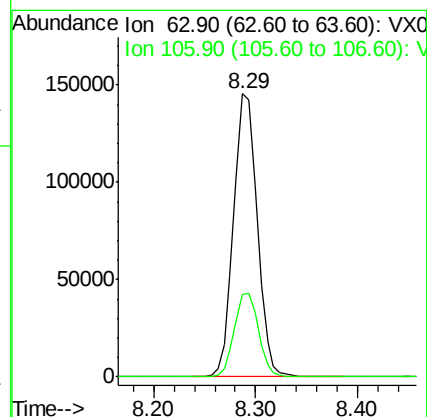
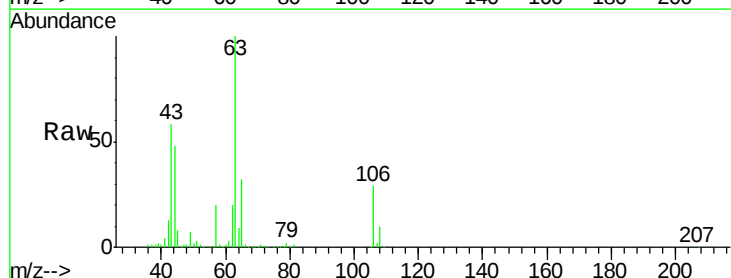
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

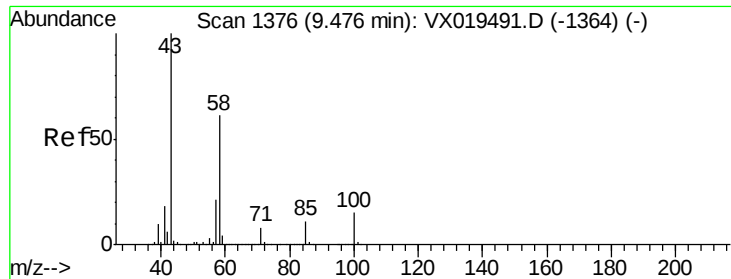
Tot Ion: 76 Resp: 99274
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.021 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019513.D
 Acq: 20 Nov 2020 23:40

Tgt Ion: 63 Resp: 233342
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.7 35.5

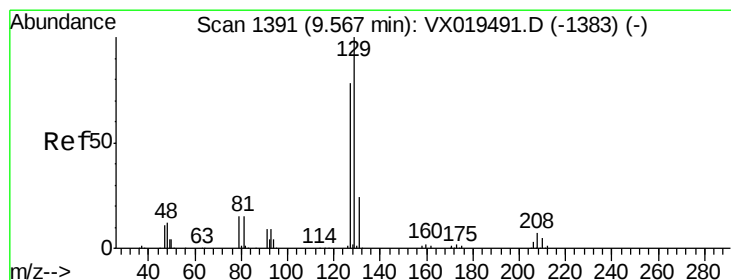
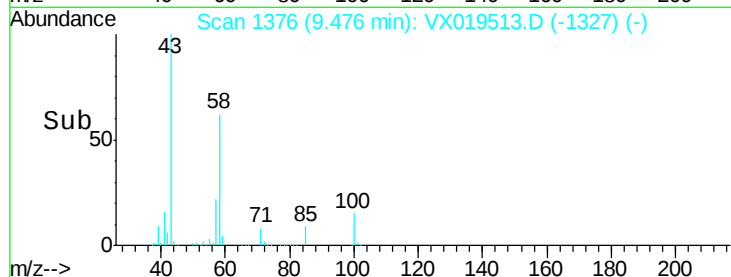
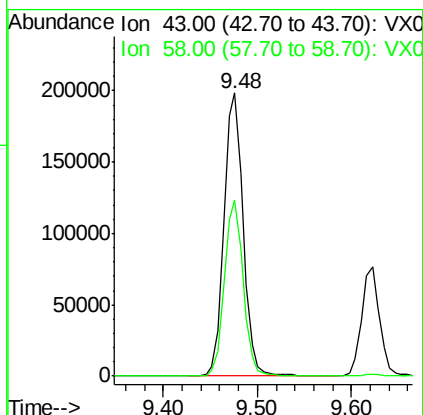
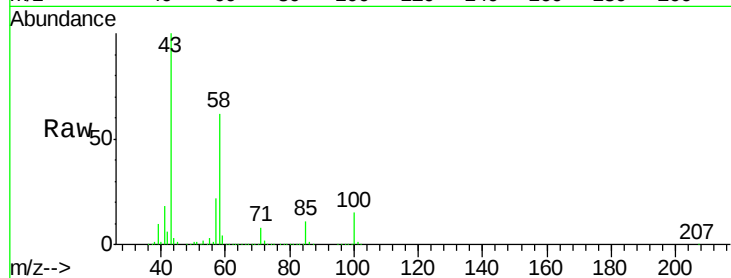




#59
2-Hexanone
Concen: 97.868 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

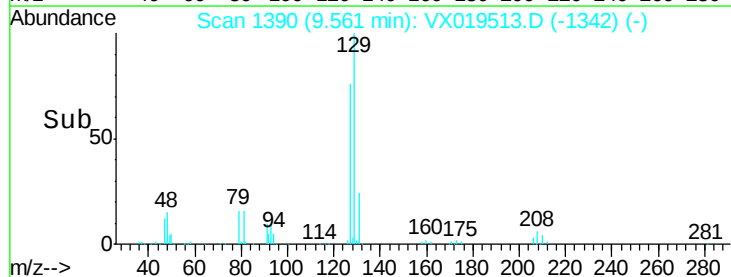
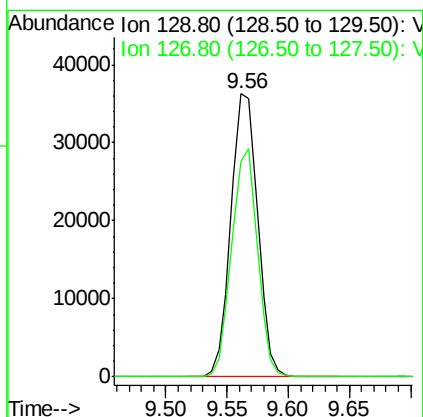
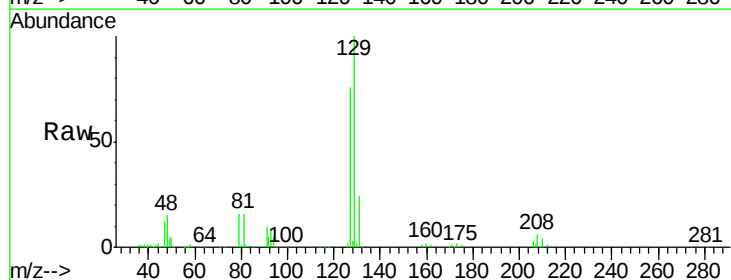
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

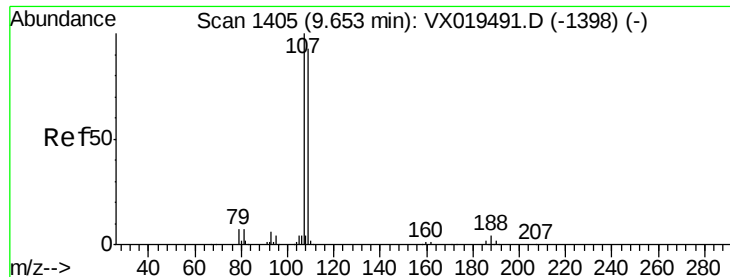
Tot Ion: 43 Resp: 278961
Ion Ratio Lower Upper
43 100
58 61.1 30.6 91.6



#60
Dibromochloromethane
Concen: 17.972 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 129 Resp: 55034
Ion Ratio Lower Upper
129 100
127 77.6 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.834 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

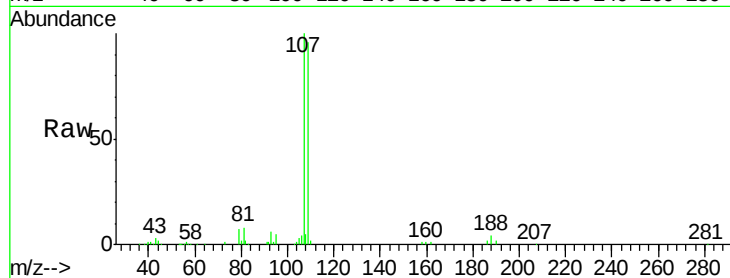
VX1121WBS02

Tot Ion:107 Resp: 60694

Ion Ratio Lower Upper

107 100

109 94.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

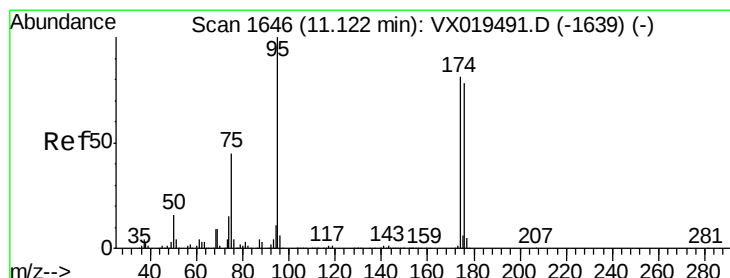
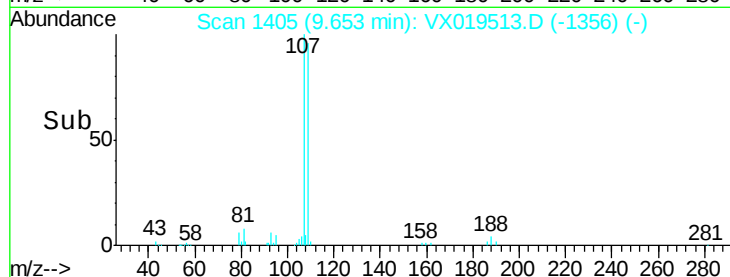
20000

10000

0

Time-->

9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.194 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

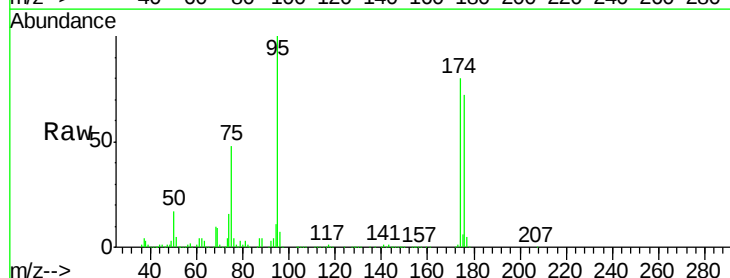
Tgt Ion: 95 Resp: 184247

Ion Ratio Lower Upper

95 100

174 76.3 0.0 156.2

176 71.6 0.0 151.4



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

200000

150000

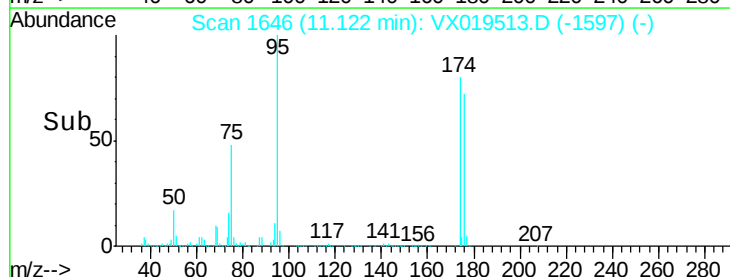
100000

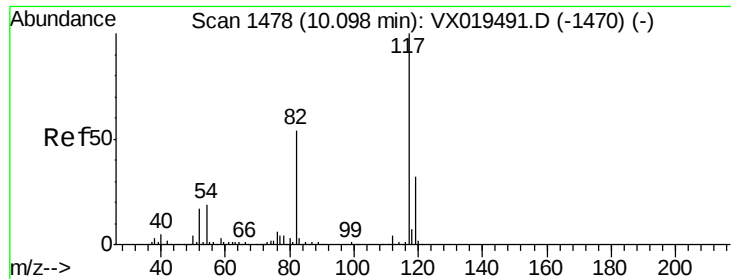
50000

0

Time-->

11.10 11.20

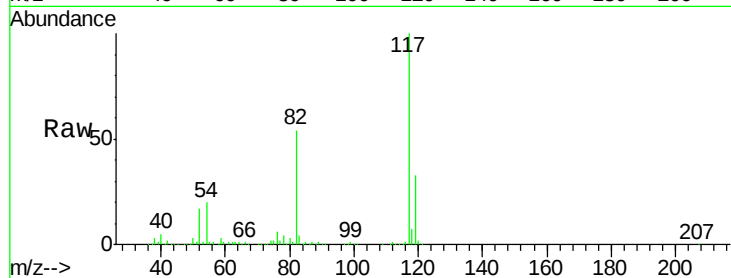




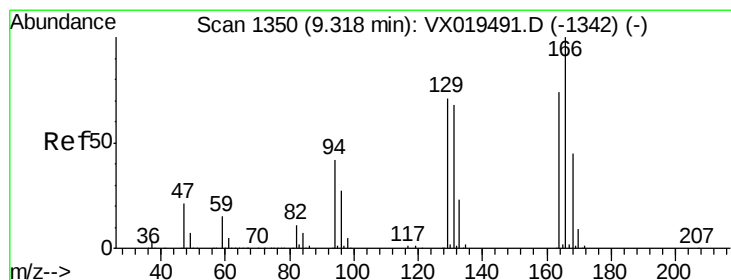
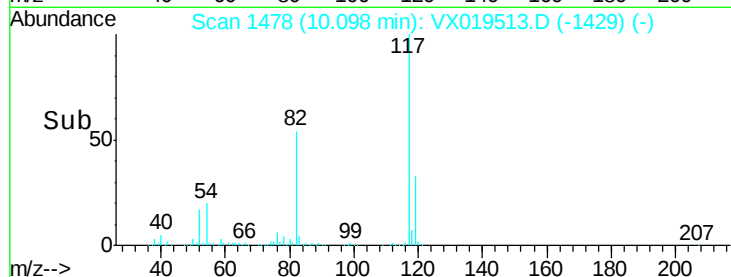
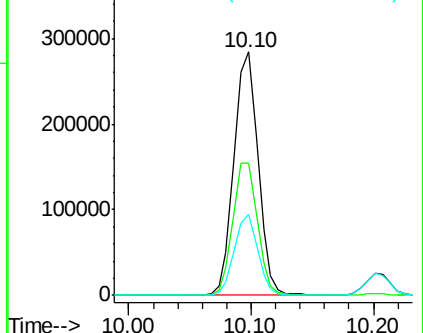
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion:117 Resp: 386699
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 33.2 25.6 38.4

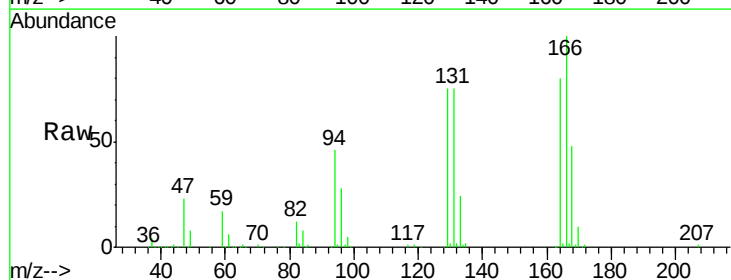


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

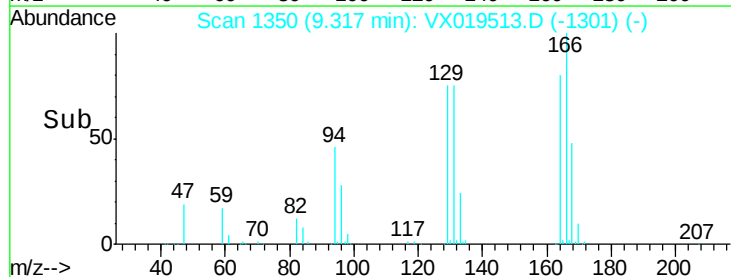
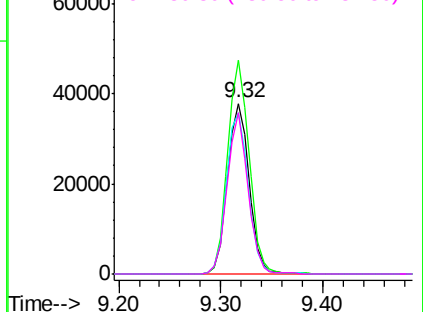


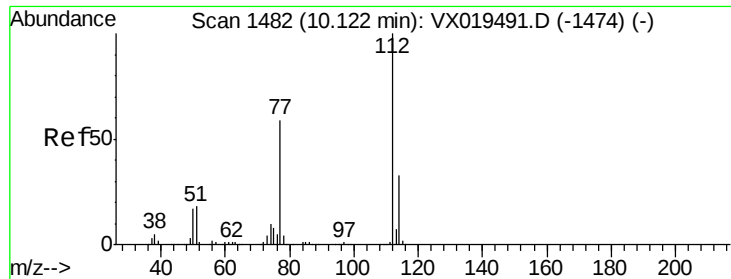
#64
Tetrachloroethene
Concen: 18.321 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion:164 Resp: 55690
Ion Ratio Lower Upper
164 100
166 125.3 107.4 161.0
129 94.5 76.6 114.8
131 94.3 72.6 108.8



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

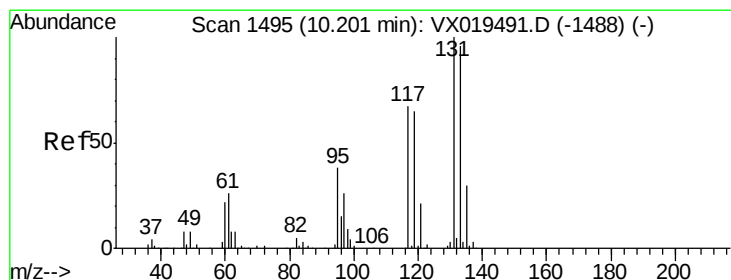
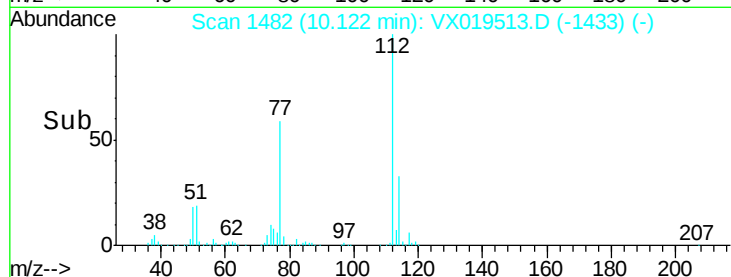
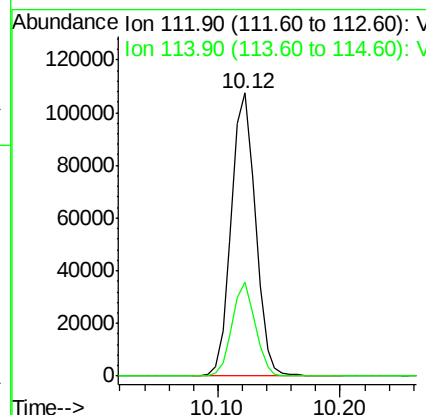
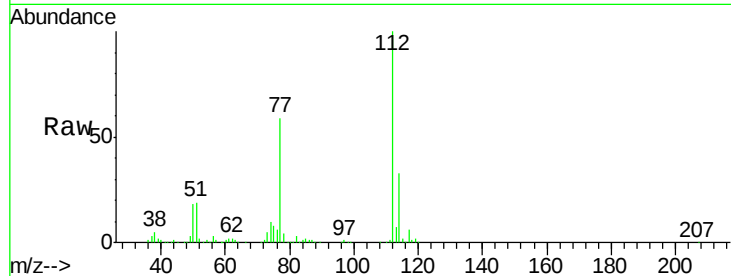




#65
Chlorobenzene
Concen: 18.515 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

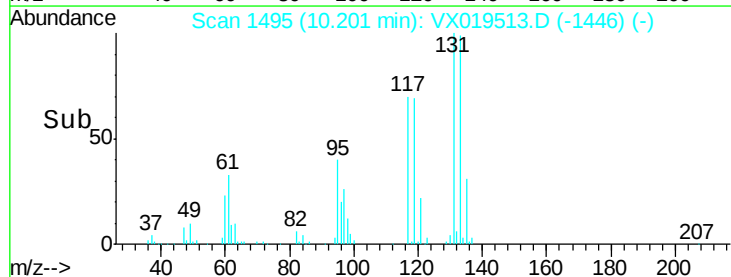
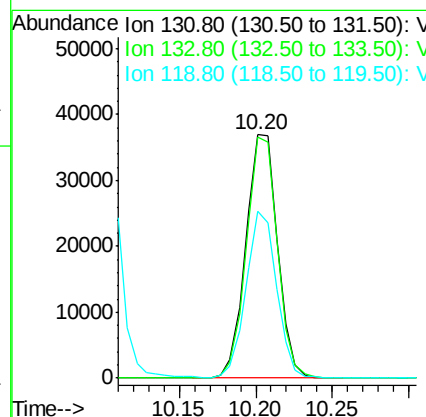
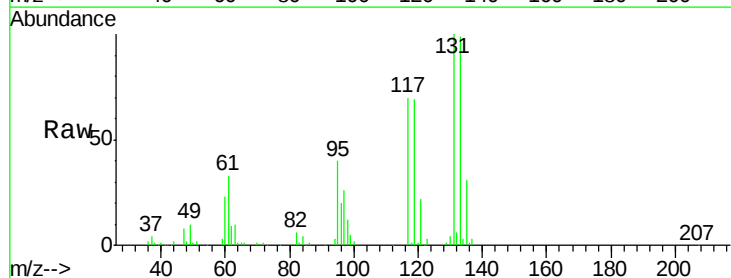
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

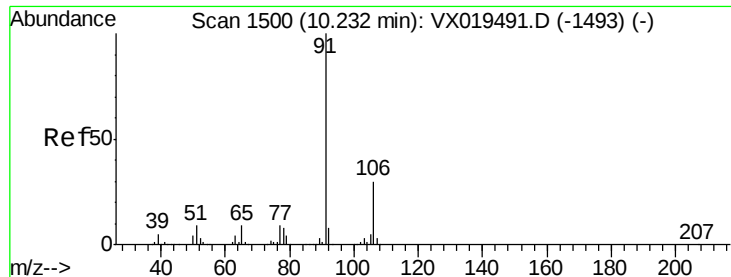
Tot Ion:112 Resp: 147203
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.364 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion:131 Resp: 53107
Ion Ratio Lower Upper
131 100
133 96.7 48.5 145.5
119 66.2 33.0 99.0

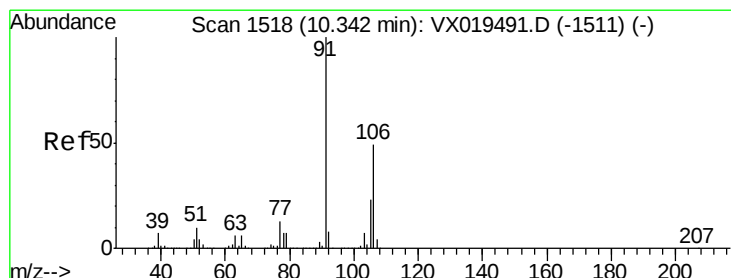
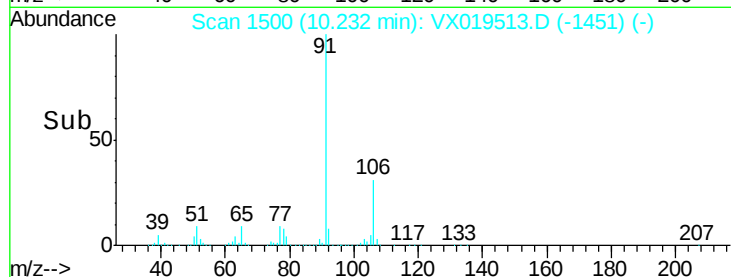
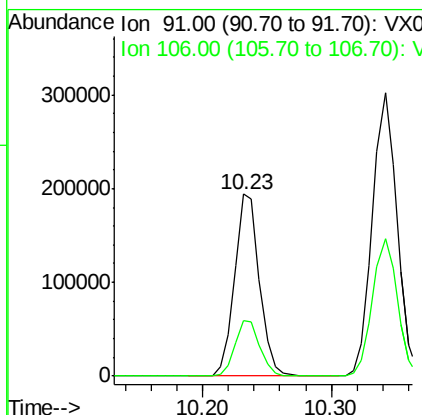
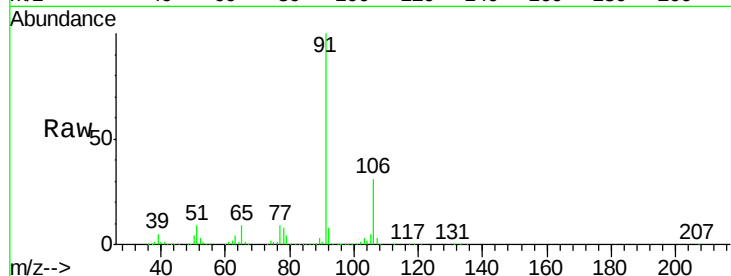




#67
Ethyl Benzene
Concen: 18.748 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

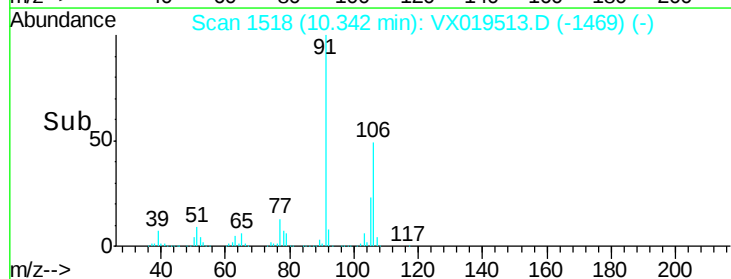
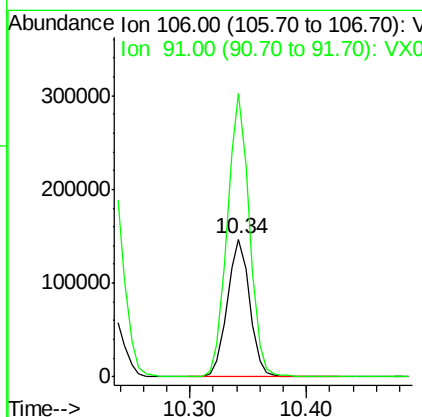
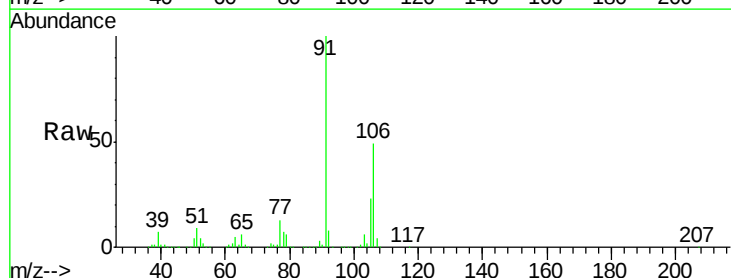
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

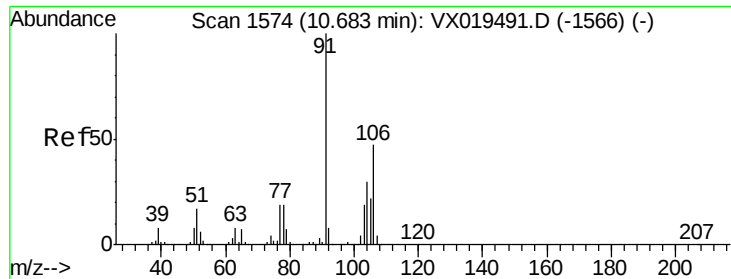
Tot Ion: 91 Resp: 261129
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 37.686 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 106 Resp: 195556
Ion Ratio Lower Upper
106 100
91 203.4 163.3 244.9

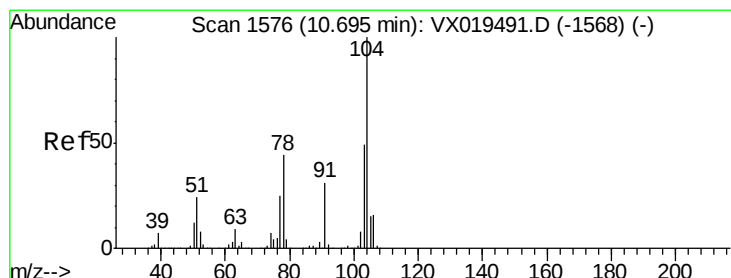
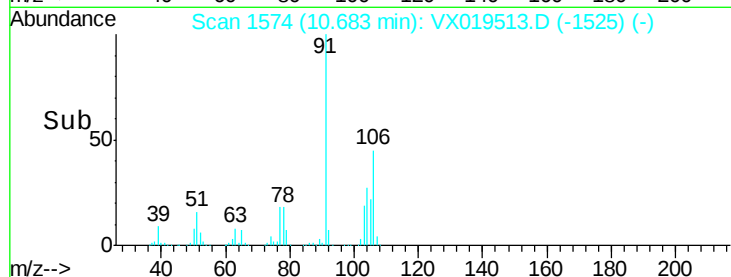
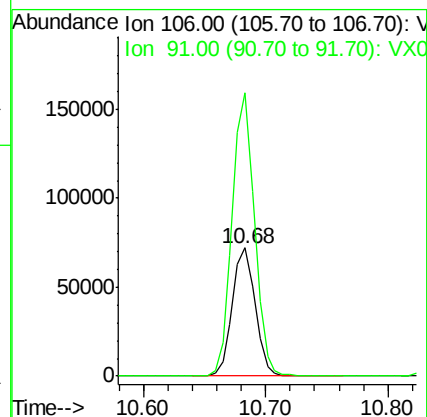
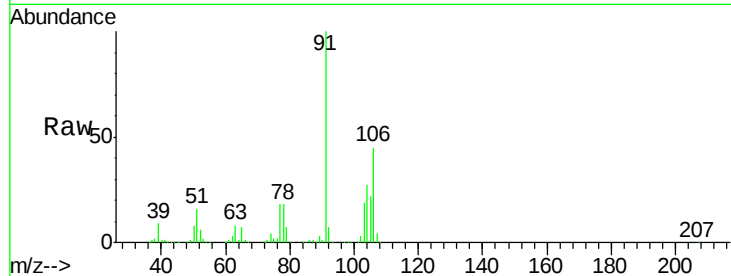




#69
o-Xylene
Concen: 18.787 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

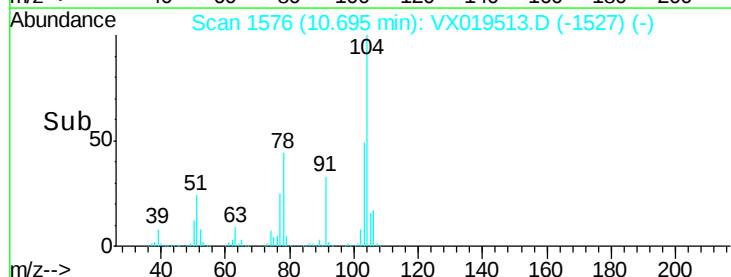
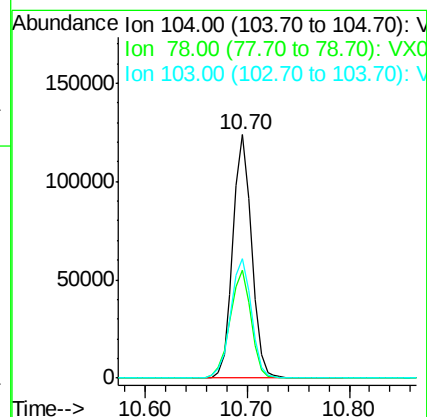
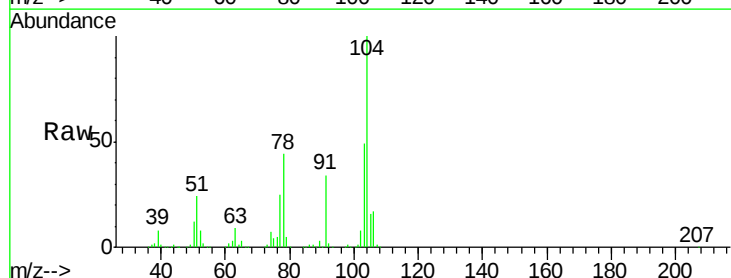
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

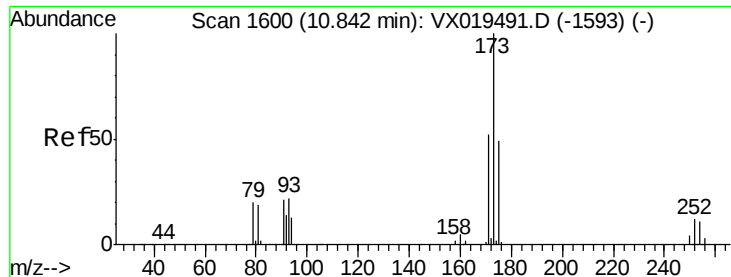
Tot Ion:106 Resp: 93194
Ion Ratio Lower Upper
106 100
91 216.3 108.0 324.0



#70
Styrene
Concen: 18.181 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion:104 Resp: 156994
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.6 43.6 65.4





#71

Bromoform

Concen: 17.804 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

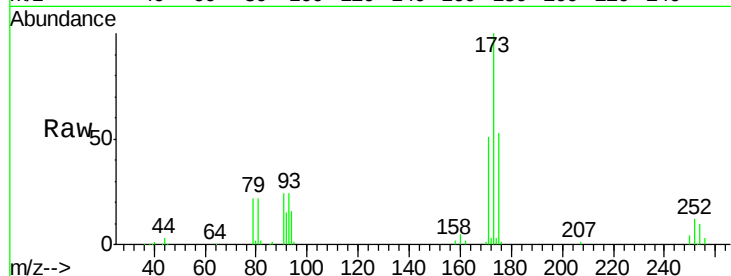
Tot Ion:173 Resp: 37492

Ion Ratio Lower Upper

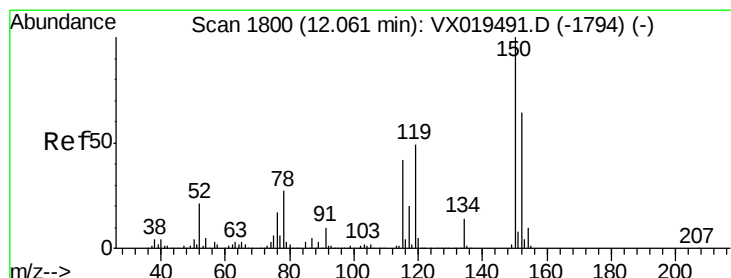
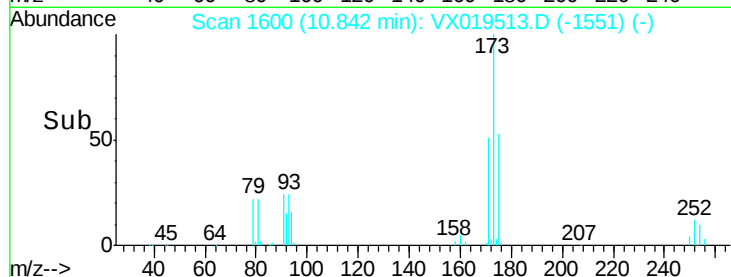
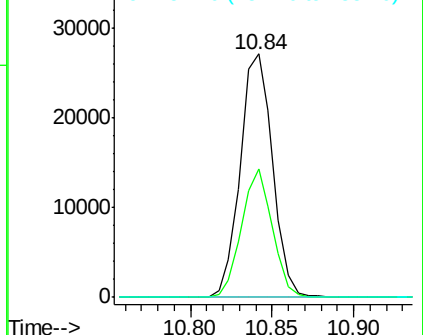
173 100

175 49.9 24.9 74.8

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: VX019513.D

Acq: 20 Nov 2020 23:40

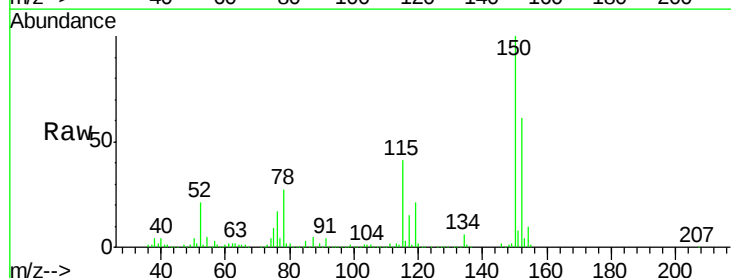
Tgt Ion:152 Resp: 186431

Ion Ratio Lower Upper

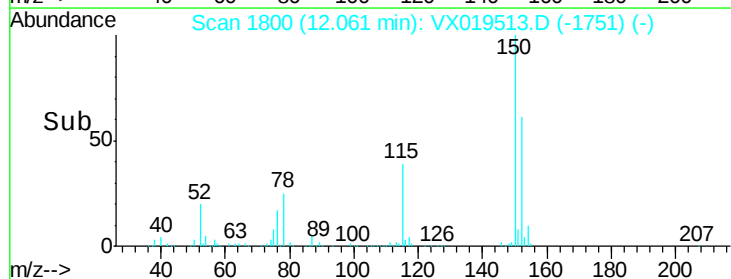
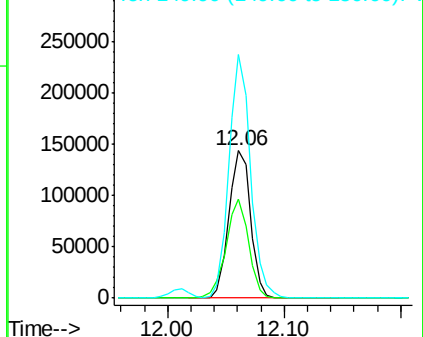
152 100

115 69.2 41.8 125.4

150 164.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.402 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

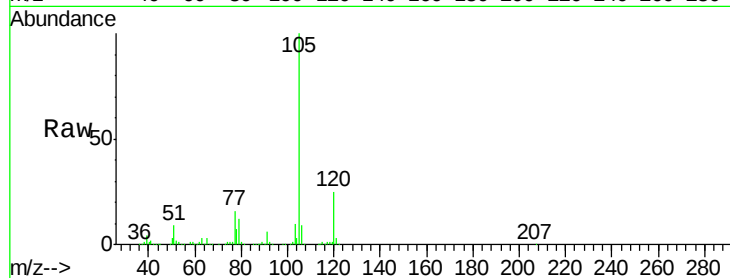
VX1121WBS02

Tot Ion:105 Resp: 250224

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

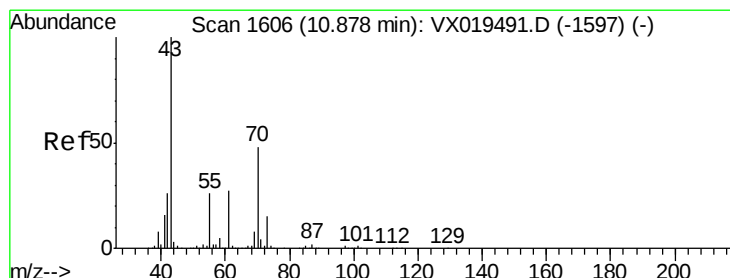
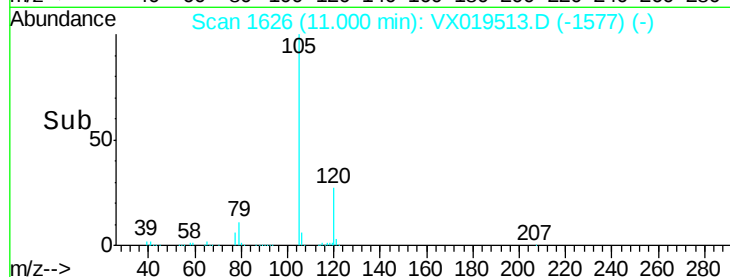
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.800 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Tgt Ion: 43 Resp: 95685

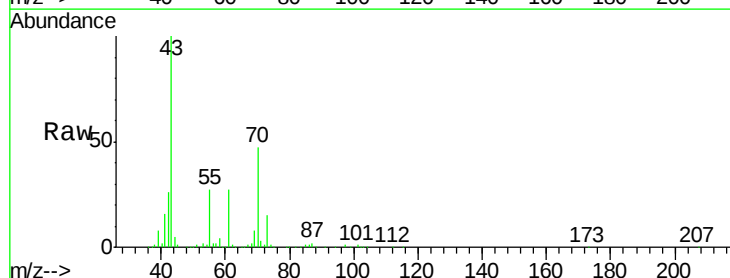
Ion Ratio Lower Upper

43 100

70 49.1 39.7 59.5

55 28.0 21.8 32.6

61 27.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

120000

100000

80000

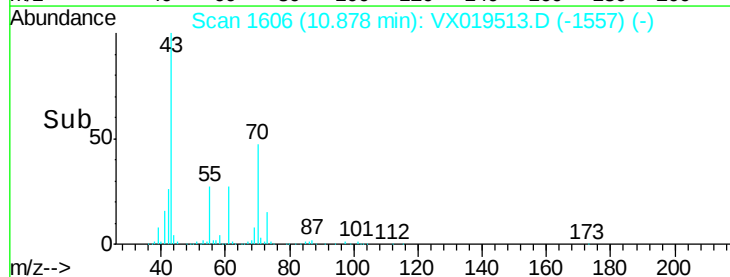
60000

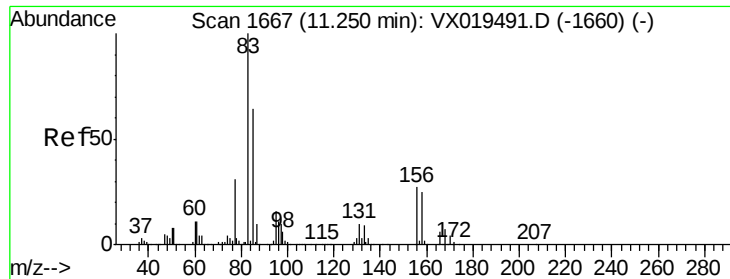
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.397 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

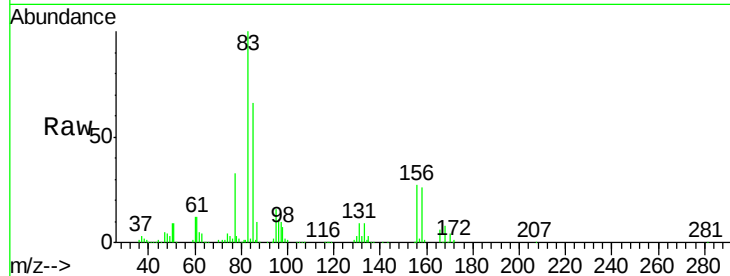
Tot Ion: 83 Resp: 89460

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

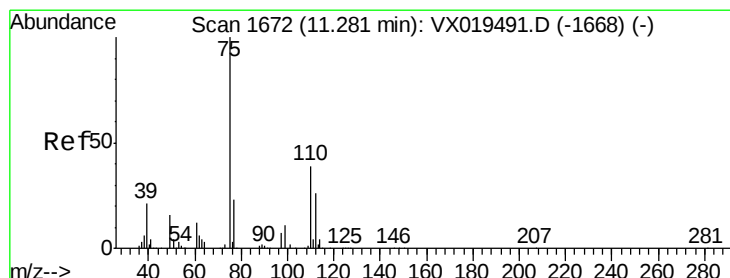
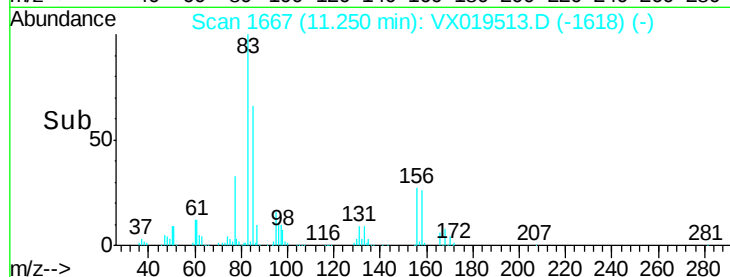
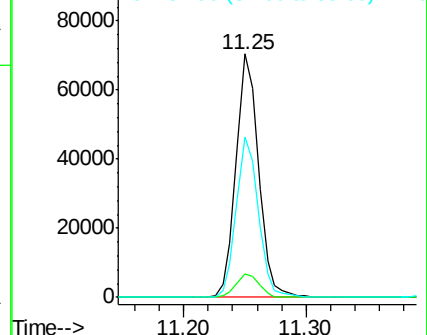
85 65.0 32.4 97.2



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: 23.683 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019513.D

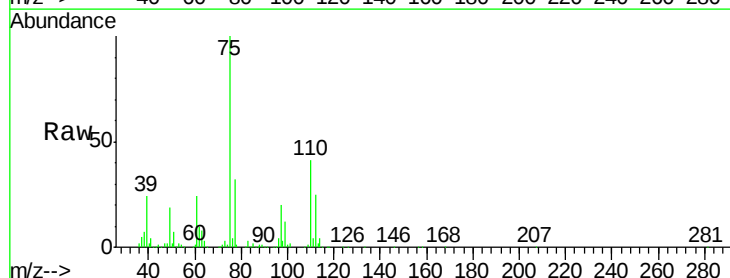
Acq: 20 Nov 2020 23:40

Tgt Ion: 75 Resp: 96355

Ion Ratio Lower Upper

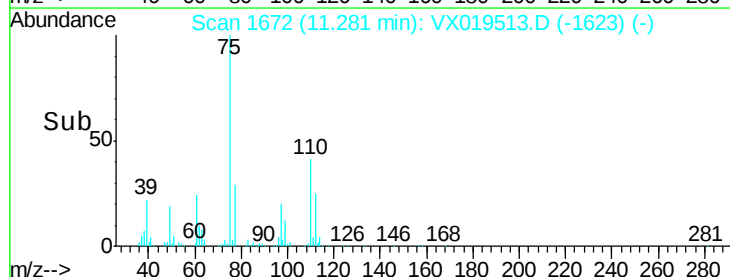
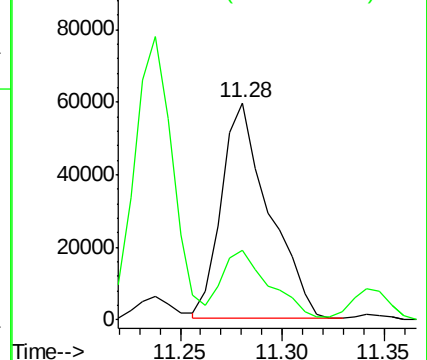
75 100

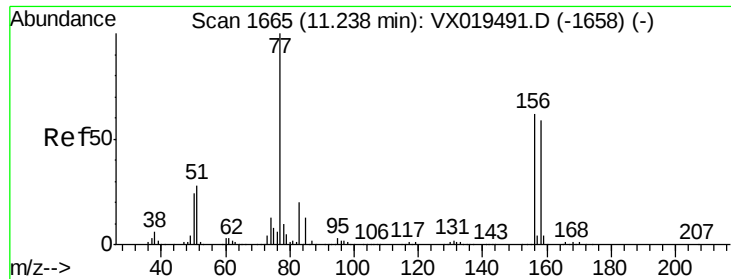
77 32.8 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.049 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

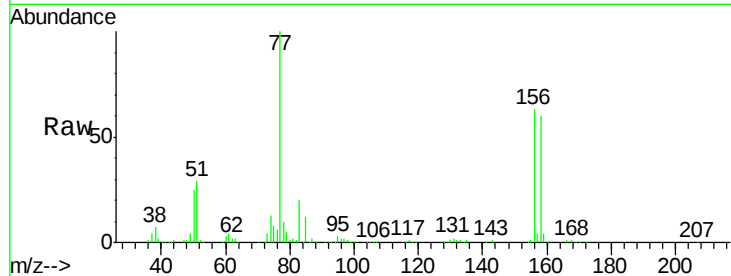
Tot Ion:156 Resp: 62716

Ion Ratio Lower Upper

156 100

77 162.3 82.5 247.3

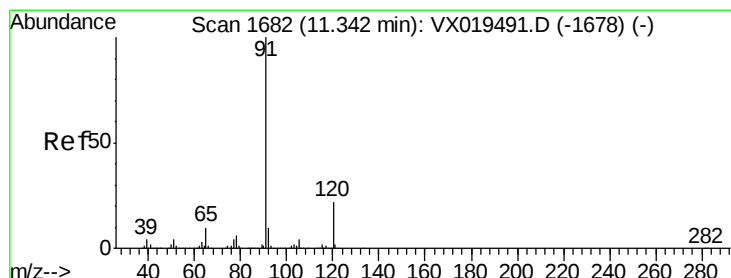
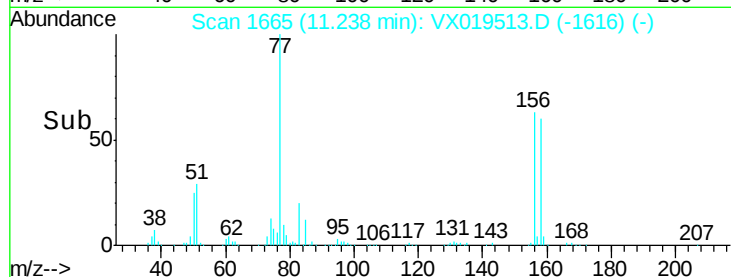
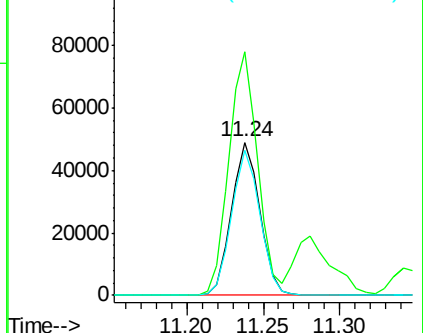
158 95.1 48.9 146.7



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: 18.861 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019513.D

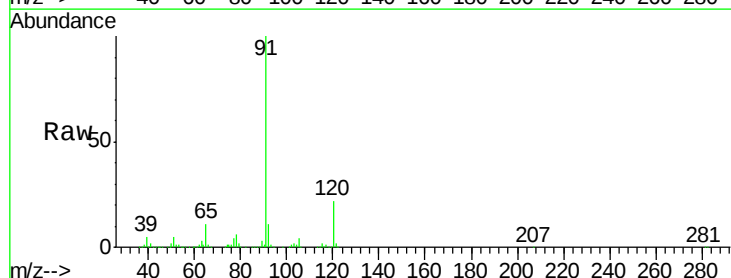
Acq: 20 Nov 2020 23:40

Tgt Ion: 91 Resp: 279045

Ion Ratio Lower Upper

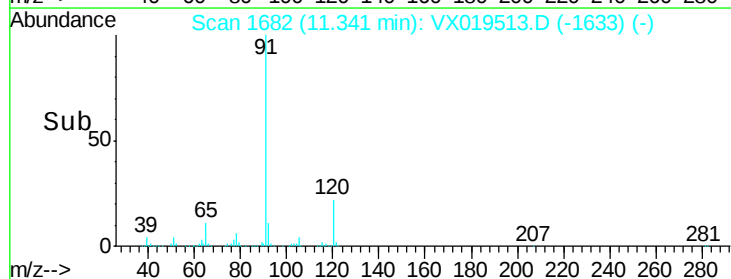
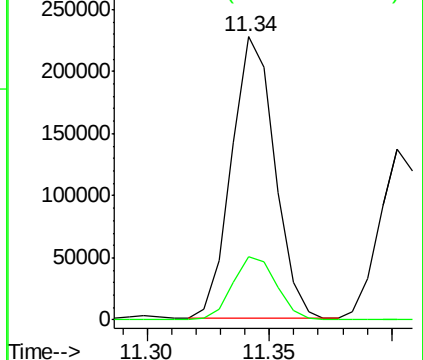
91 100

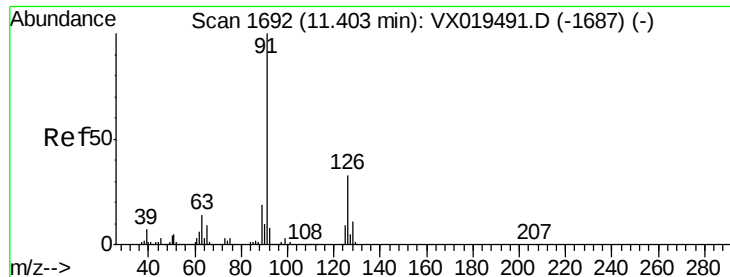
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.138 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampled :

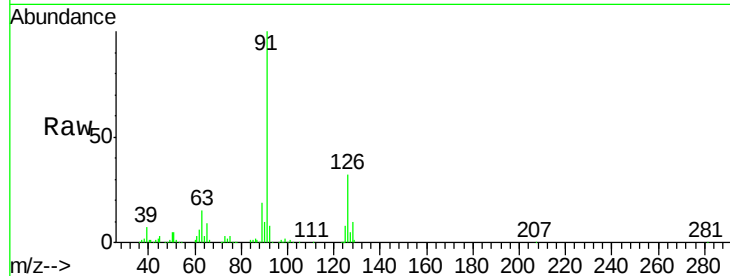
VX1121WBS02

Tot Ion: 91 Resp: 171724

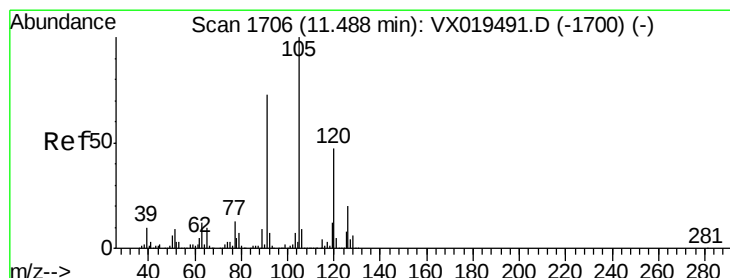
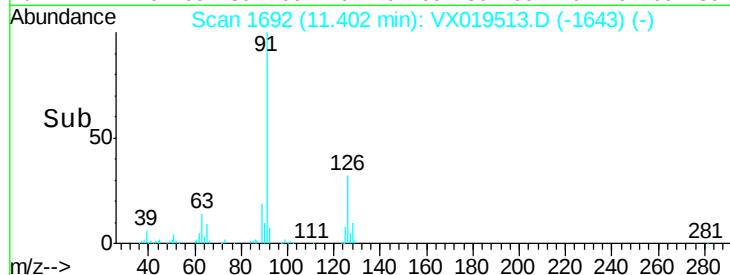
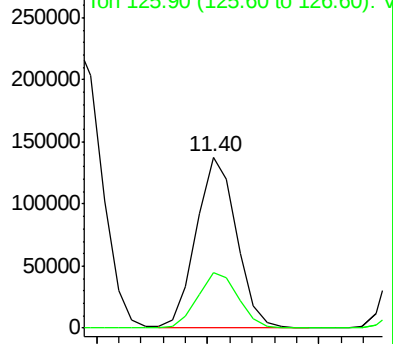
Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.070 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019513.D

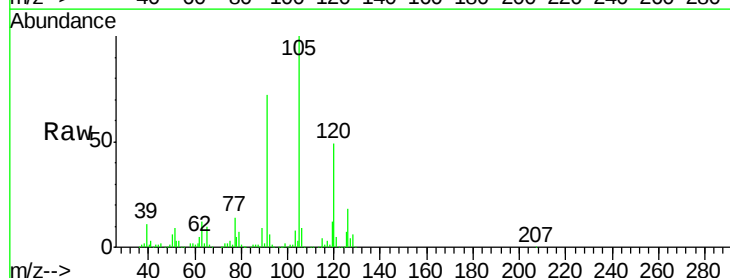
Acq: 20 Nov 2020 23:40

Tgt Ion: 105 Resp: 206313

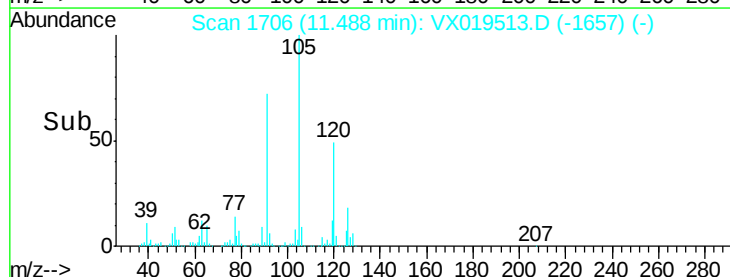
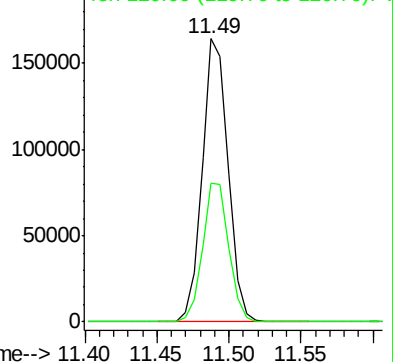
Ion Ratio Lower Upper

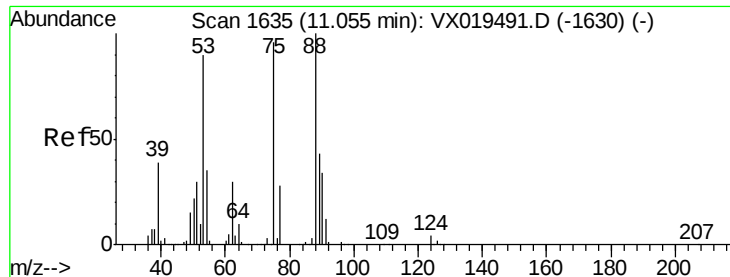
105 100

120 49.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.242 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

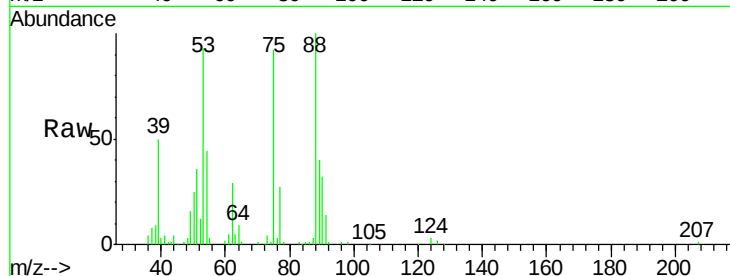
Tot Ion: 75 Resp: 23055

Ion Ratio Lower Upper

75 100

53 100.1 73.9 110.9

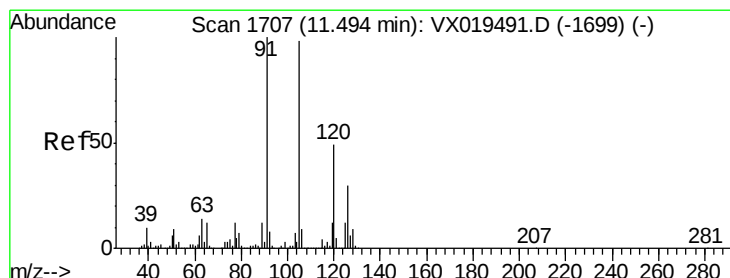
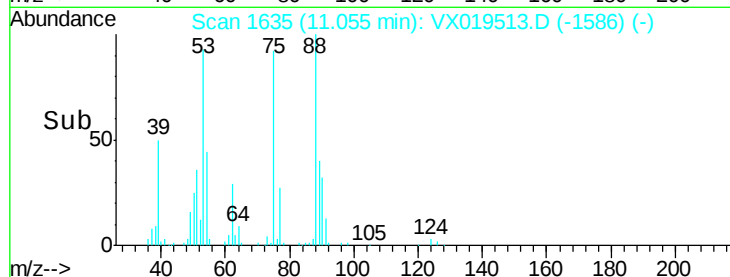
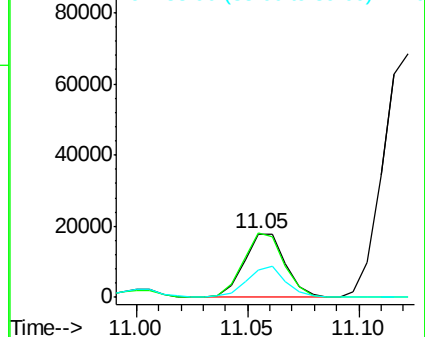
89 46.7 37.3 55.9



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: 19.015 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019513.D

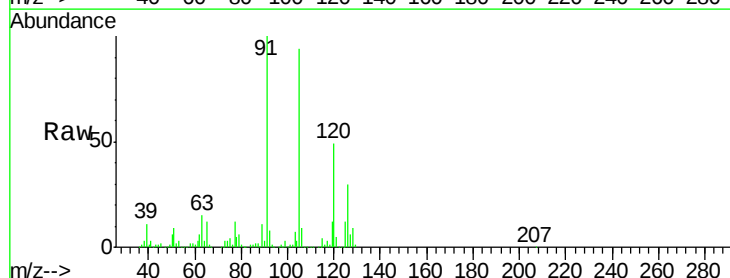
Acq: 20 Nov 2020 23:40

Tgt Ion: 91 Resp: 200854

Ion Ratio Lower Upper

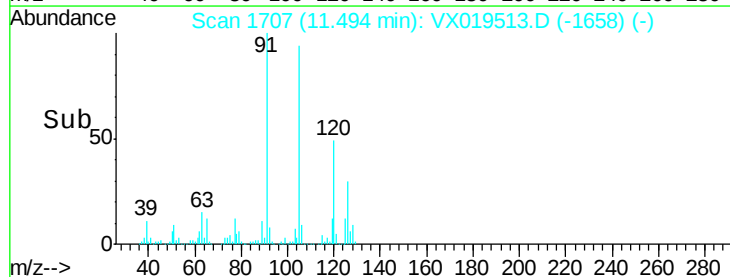
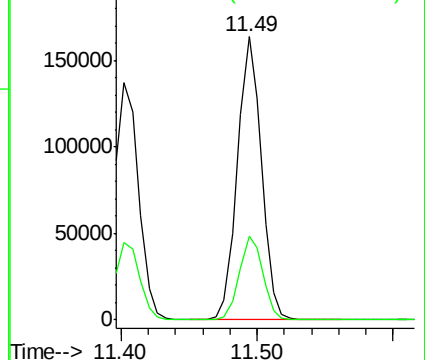
91 100

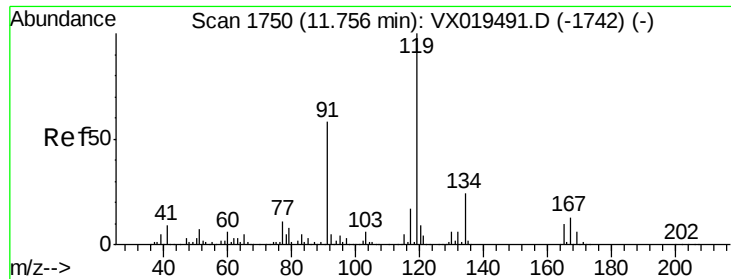
126 29.3 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

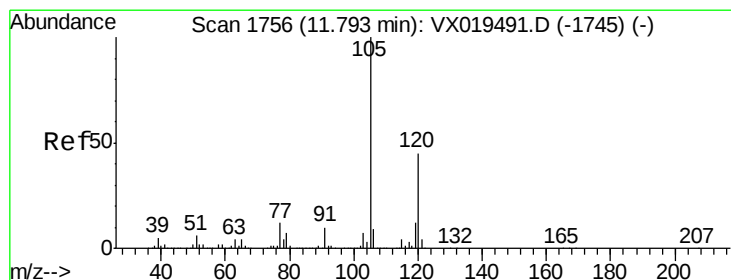
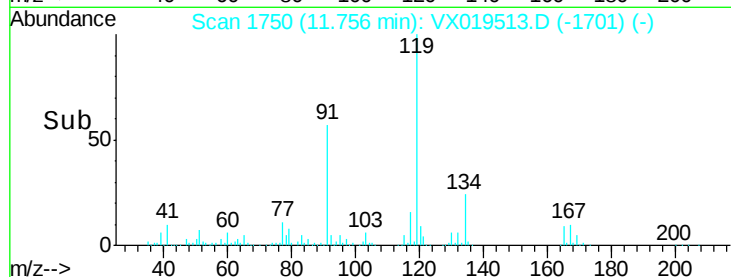
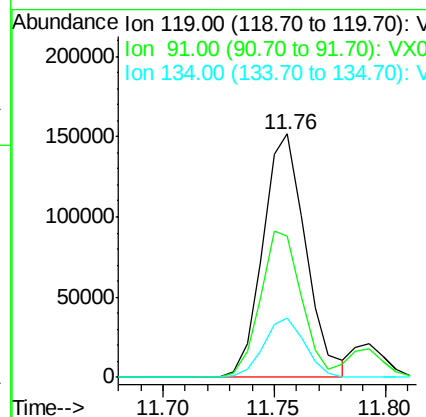
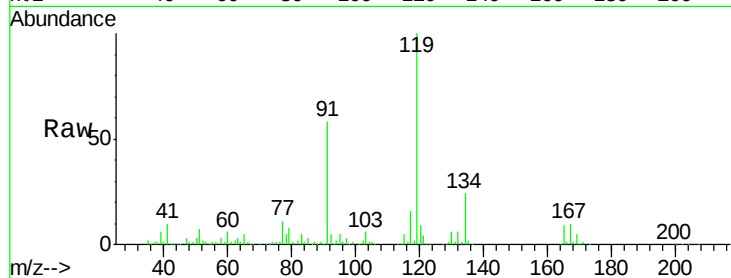




#83
tert-Butylbenzene
Concen: 19.392 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

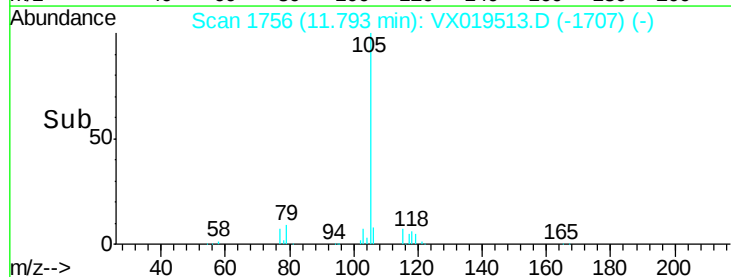
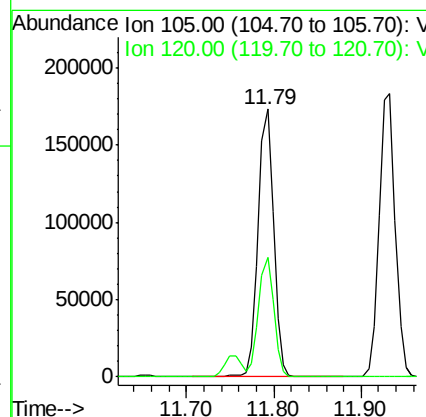
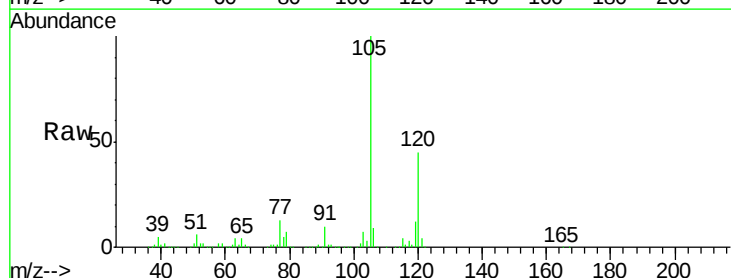
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

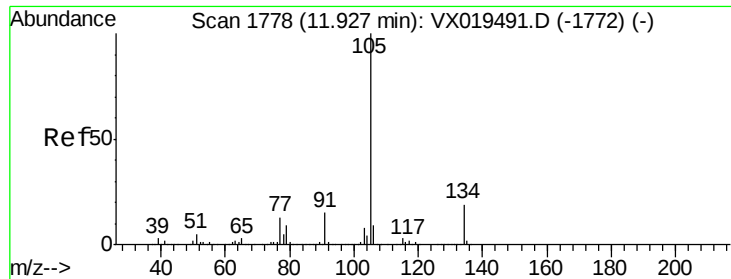
Tot Ion:119 Resp: 202973
Ion Ratio Lower Upper
119 100
91 57.8 28.9 86.8
134 23.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 19.379 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion:105 Resp: 212135
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6

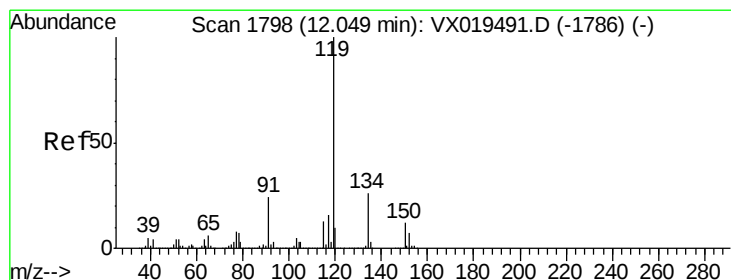
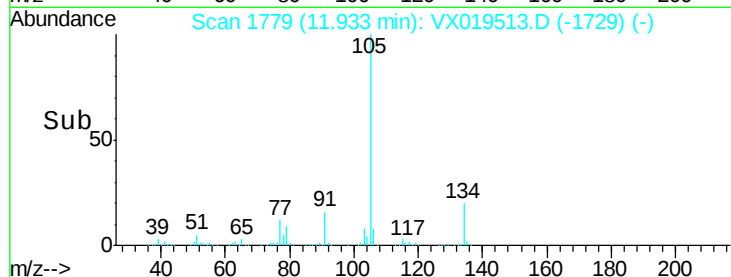
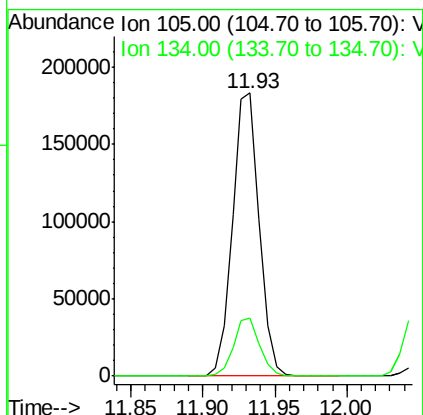
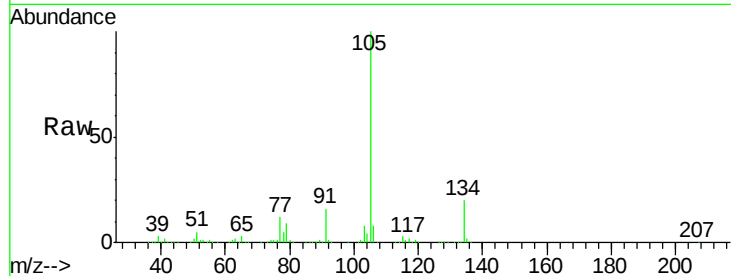




#85
 sec-Butylbenzene
 Concen: 19.052 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019513.D
 Acq: 20 Nov 2020 23:40

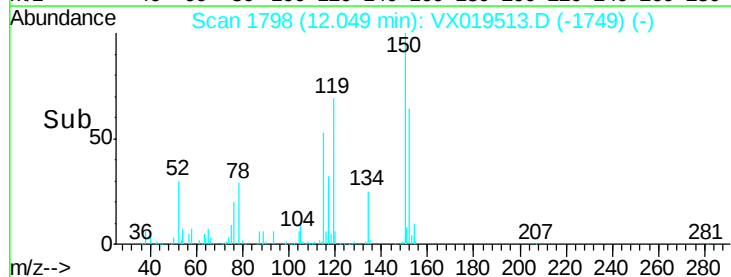
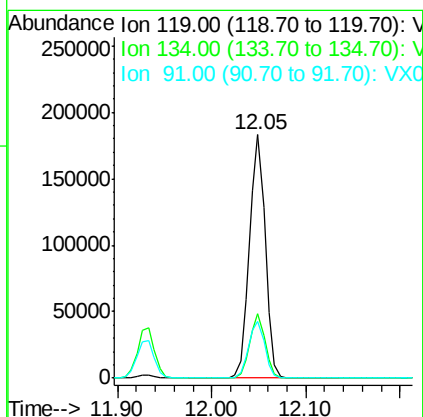
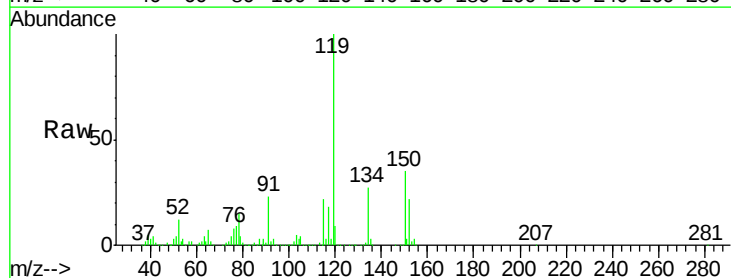
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

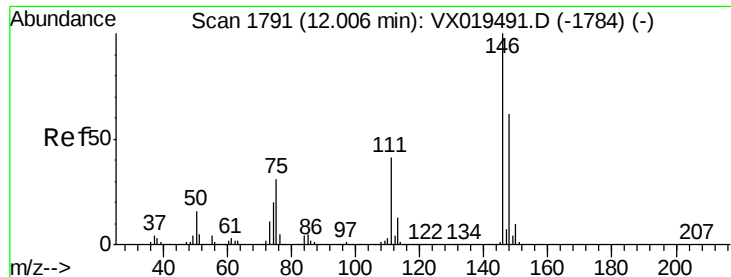
Tot Ion:105 Resp: 237238
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.055 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019513.D
 Acq: 20 Nov 2020 23:40

Tgt Ion:119 Resp: 215425
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 18.390 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBS02

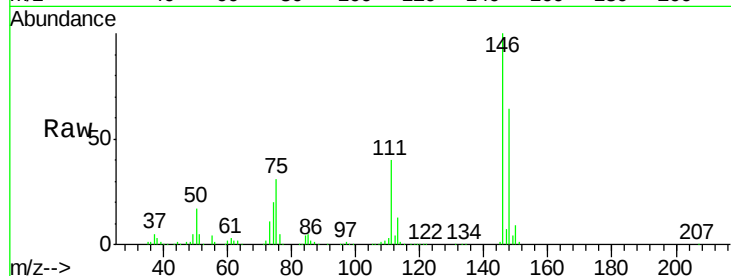
Tot Ion:146 Resp: 111191

Ion Ratio Lower Upper

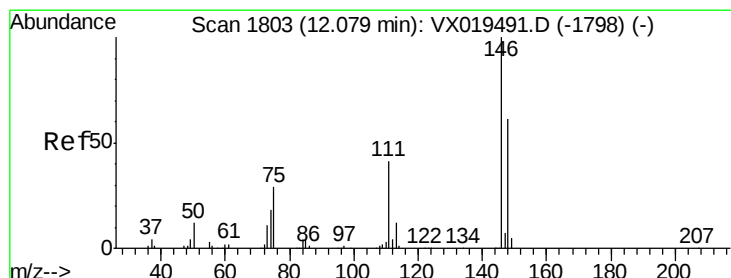
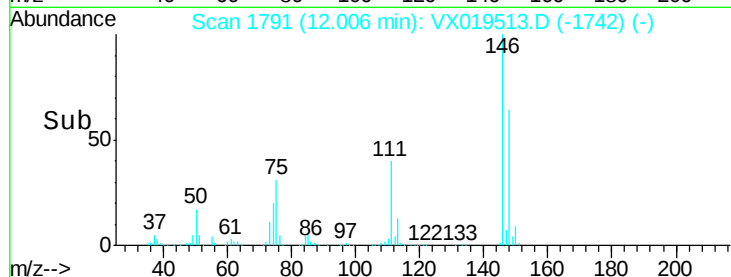
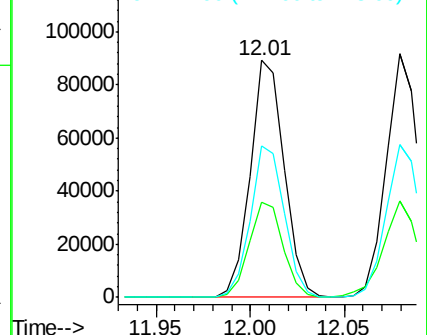
146 100

111 40.4 20.2 60.6

148 63.7 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.997 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

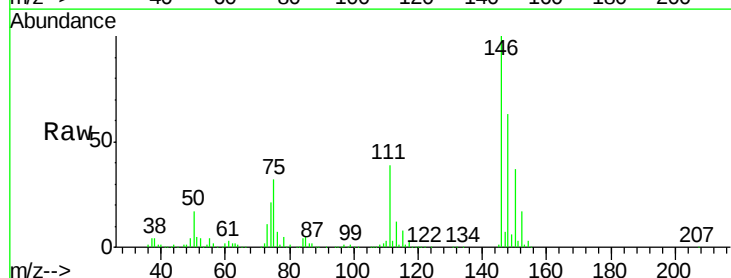
Tgt Ion:146 Resp: 112088

Ion Ratio Lower Upper

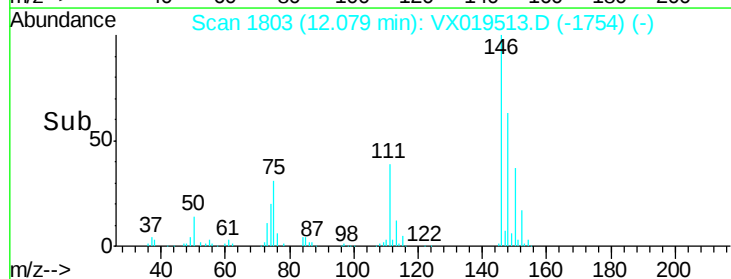
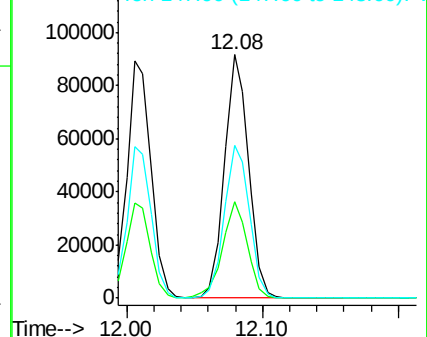
146 100

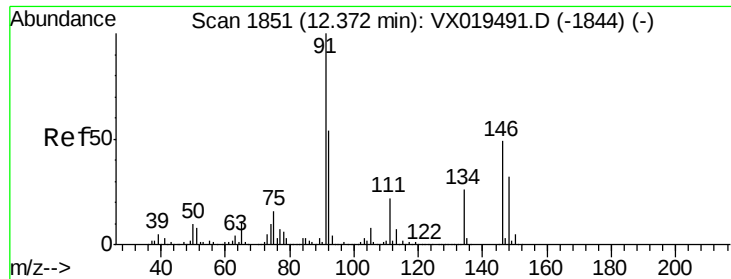
111 40.9 19.9 59.6

148 64.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

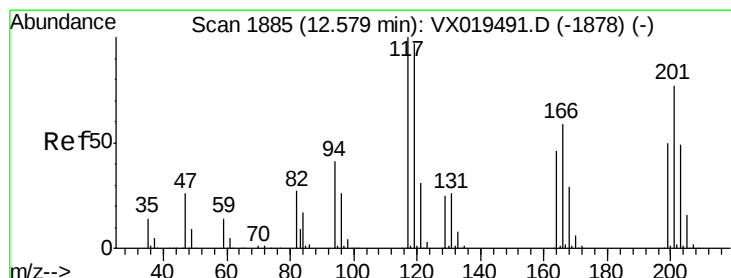
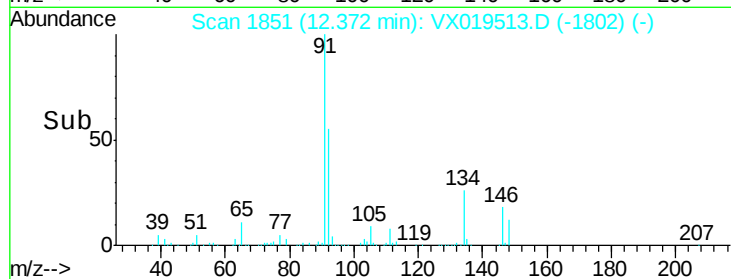
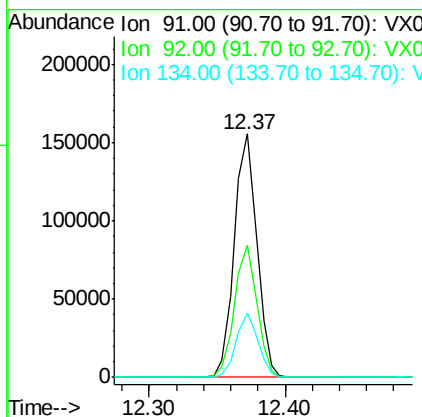
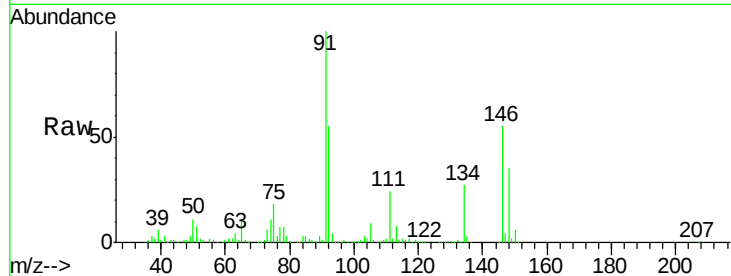




#89
n-Butylbenzene
Concen: 17.726 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

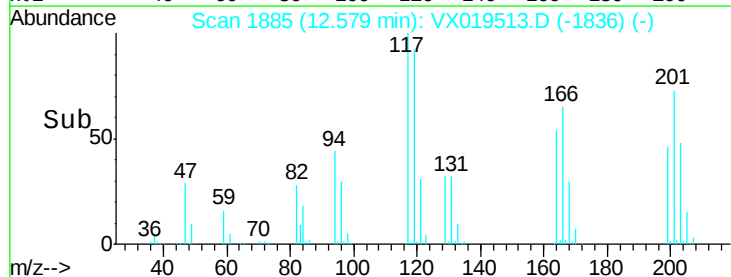
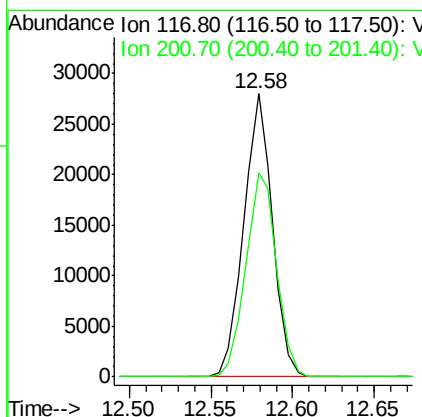
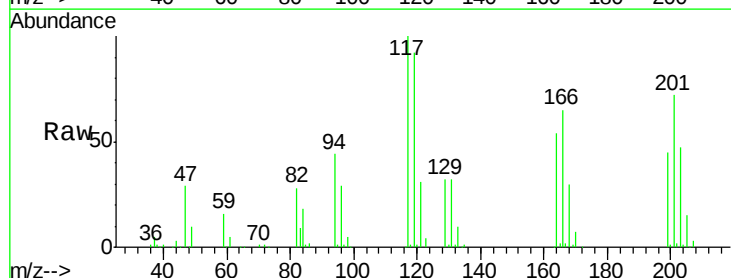
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

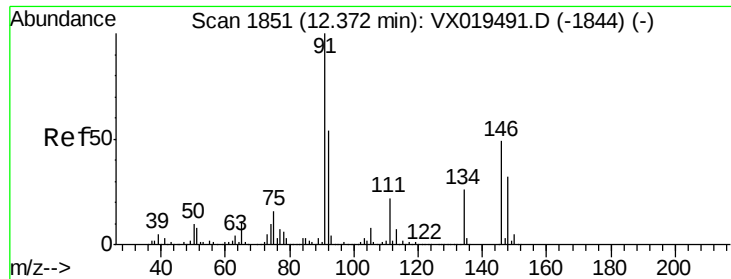
Tot Ion: 91 Resp: 181167
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 25.6 12.9 38.6



#90
Hexachloroethane
Concen: 18.162 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion: 117 Resp: 34358
Ion Ratio Lower Upper
117 100
201 77.0 39.4 118.2

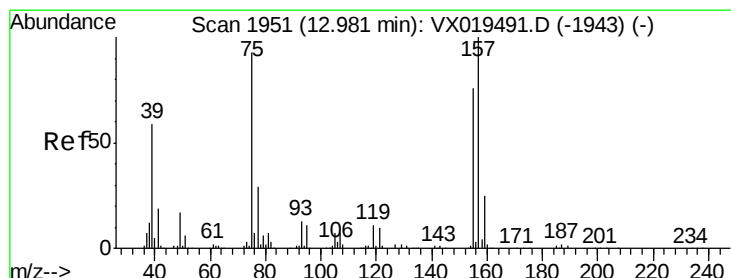
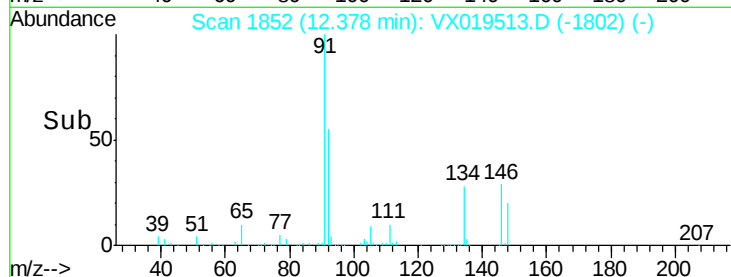
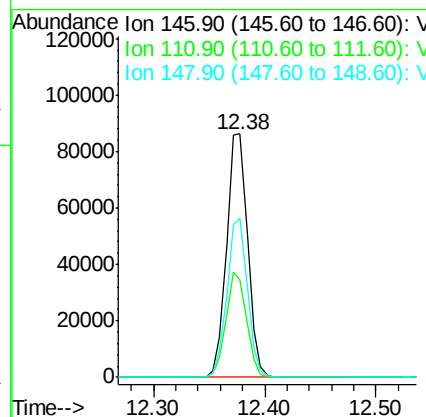
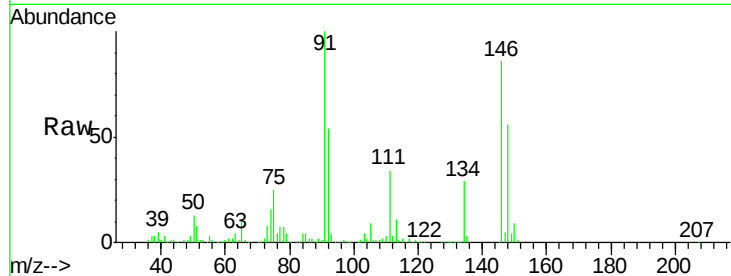




#91
 1,2-Dichlorobenzene
 Concen: 18.597 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019513.D
 Acq: 20 Nov 2020 23:40

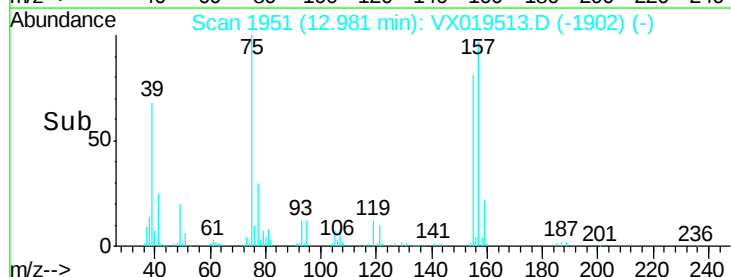
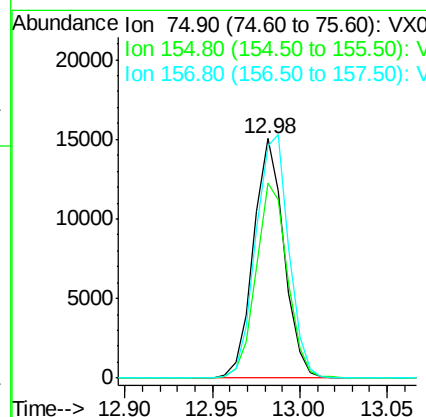
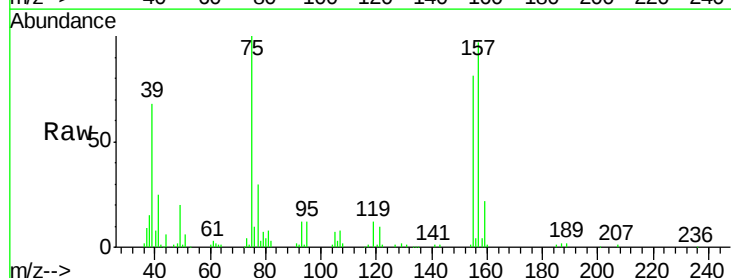
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Tot Ion:146 Resp: 112936
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.3
 148 63.9 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.406 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019513.D
 Acq: 20 Nov 2020 23:40

Tgt Ion: 75 Resp: 18259
 Ion Ratio Lower Upper
 75 100
 155 83.7 43.6 130.9
 157 109.4 57.0 170.8





#93

1,2,4-Trichlorobenzene

Concen: 17.184 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

Instrument :

MSVOA_X

ClientSampled :

VX1121WBS02

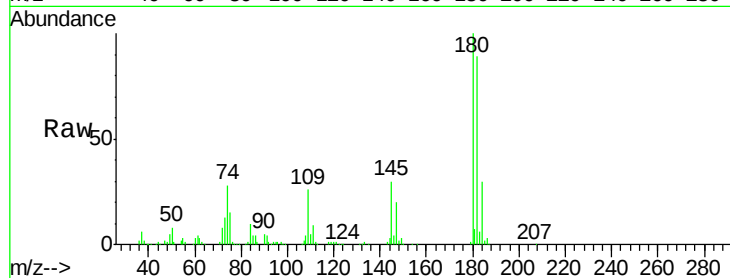
Tot Ion:180 Resp: 66997

Ion Ratio Lower Upper

180 100

182 95.0 48.6 145.9

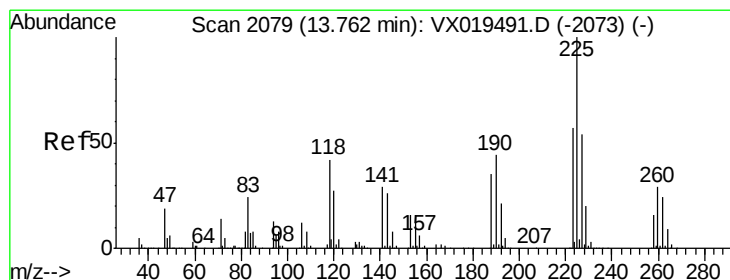
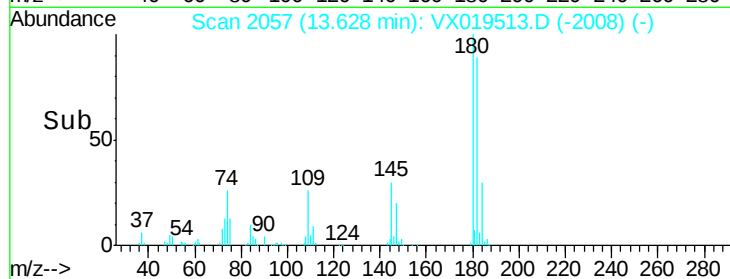
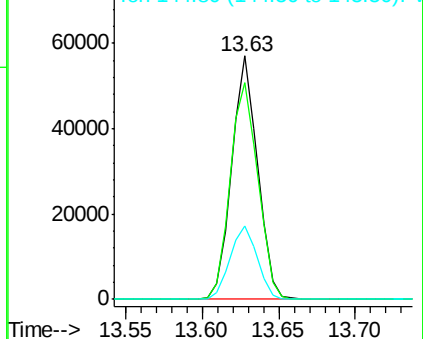
145 31.4 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.532 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019513.D

Acq: 20 Nov 2020 23:40

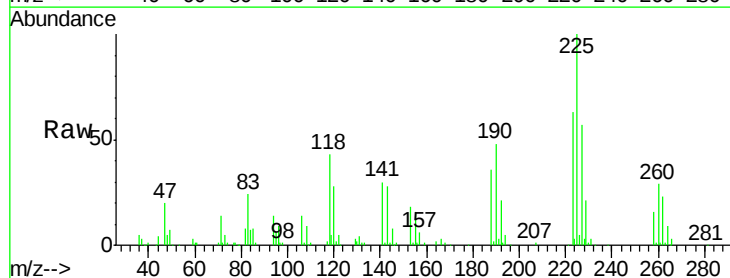
Tgt Ion:225 Resp: 31138

Ion Ratio Lower Upper

225 100

223 62.5 32.5 97.5

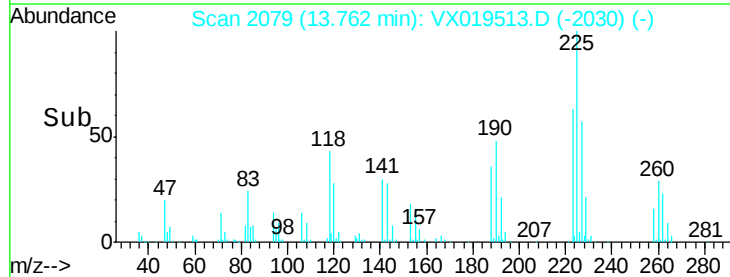
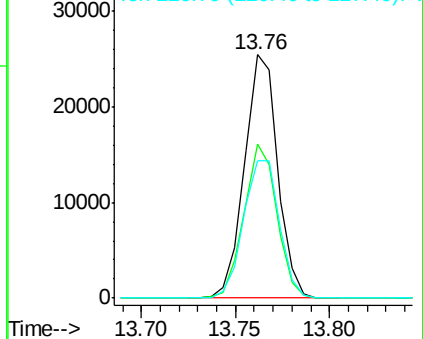
227 61.1 32.8 98.3

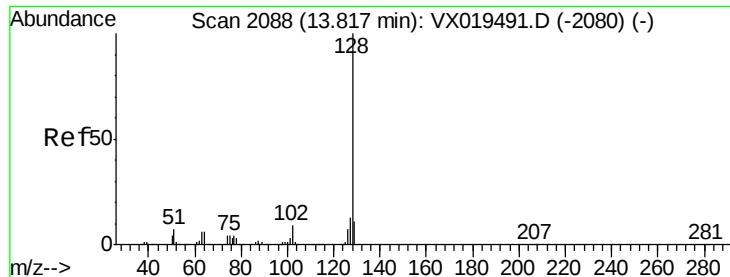


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

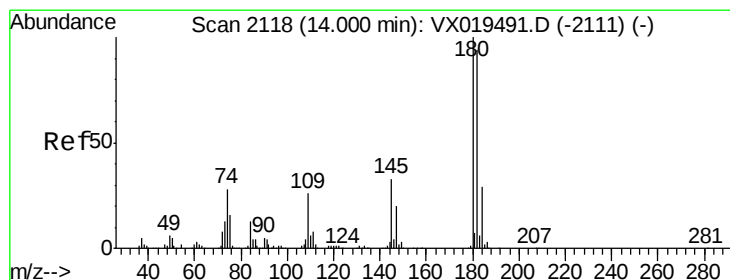
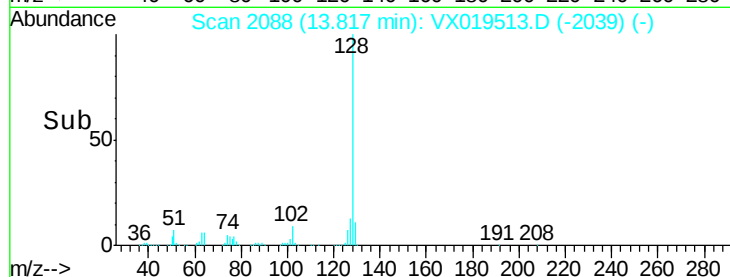
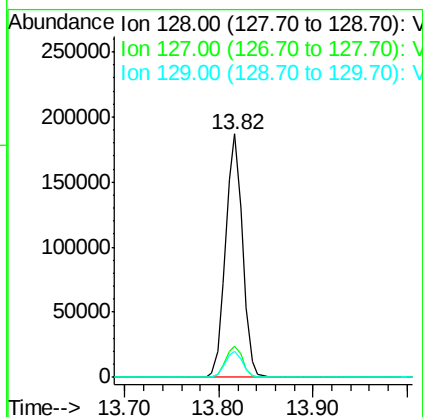
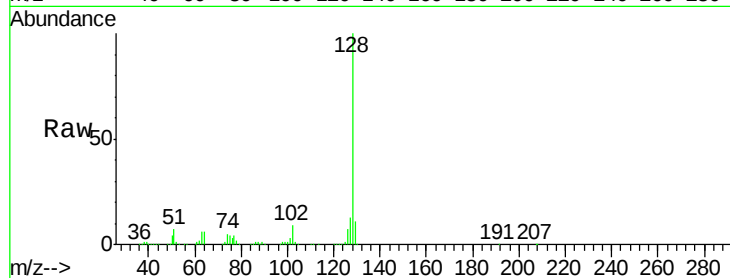




#95
Naphthalene
Concen: 18.351 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Tot Ion:128 Resp: 232525
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.250 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019513.D
Acq: 20 Nov 2020 23:40

Tgt Ion:180 Resp: 71172
Ion Ratio Lower Upper
180 100
182 93.6 48.1 144.3
145 32.5 16.6 49.8

