

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019514.D
 Acq On : 21 Nov 2020 00:03
 Operator : JC/MD
 Sample : VX1121WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

Quant Time: Nov 21 04:52:55 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	254970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	394125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165957	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%
35) Dibromofluoromethane	5.46	113	133147	49.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.14%
50) Toluene-d8	8.70	98	516160	49.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.90%
62) 4-Bromofluorobenzene	11.12	95	184226	49.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	46246	18.652	ug/l 99
3) Chloromethane	1.31	50	53450	18.786	ug/l 98
4) Vinyl Chloride	1.39	62	58953	19.248	ug/l 100
5) Bromomethane	1.62	94	20278	17.479	ug/l 97
6) Chloroethane	1.68	64	15517	18.095	ug/l 99
7) Trichlorofluoromethane	1.90	101	81064	18.338	ug/l 97
8) Diethyl Ether	2.17	74	35001	19.770	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	44700	18.125	ug/l 99
10) Methyl Iodide	2.48	142	55798	17.222	ug/l 99
11) Tert butyl alcohol	3.04	59	64469	103.044	ug/l 98
12) 1,1-Dichloroethene	2.34	96	46711	18.453	ug/l 98
13) Acrolein	2.28	56	36386	86.519	ug/l 99
14) Allyl chloride	2.70	41	70620	17.809	ug/l 99
15) Acrylonitrile	3.12	53	150437	101.958	ug/l 100
16) Acetone	2.43	43	122056	95.472	ug/l 98
17) Carbon Disulfide	2.54	76	117656	17.301	ug/l 98
18) Methyl Acetate	2.75	43	63019	20.484	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	171168	19.590	ug/l 99
20) Methylene Chloride	2.83	84	58072	18.174	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	52892	18.442	ug/l 94
22) Diisopropyl ether	3.82	45	160134	19.520	ug/l 97
23) Vinyl Acetate	3.78	43	673452	97.872	ug/l 99
24) 1,1-Dichloroethane	3.67	63	94062	18.746	ug/l 99
25) 2-Butanone	4.64	43	192845	100.415	ug/l 100
26) 2,2-Dichloropropane	4.55	77	67090	15.318	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	62116	18.855	ug/l 98
28) Bromochloromethane	4.98	49	44996	18.757	ug/l 99
29) Tetrahydrofuran	5.09	42	122805	100.220	ug/l 99
30) Chloroform	5.17	83	100944	19.240	ug/l 98
31) Cyclohexane	5.54	56	78287	18.207	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	85849	19.048	ug/l 100
36) 1,1-Dichloropropene	5.76	75	71927	17.930	ug/l 99
37) Ethyl Acetate	4.80	43	75385	20.017	ug/l 99
38) Carbon Tetrachloride	5.75	117	70291	18.103	ug/l 99

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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	7.44	83	81193	17.383	ug/l	99
40) Benzene	6.11	78	226981	18.416	ug/l	99
41) Methacrylonitrile	5.01	41	40184	19.350	ug/l	98
42) 1,2-Dichloroethane	6.16	62	79556	18.832	ug/l	99
43) Isopropyl Acetate	6.42	43	120949	19.105	ug/l	100
44) Trichloroethene	7.18	130	58714	18.186	ug/l	95
45) 1,2-Dichloropropane	7.49	63	57202	18.852	ug/l	98
46) Dibromomethane	7.63	93	39911	19.218	ug/l	96
47) Bromodichloromethane	7.87	83	75782	18.805	ug/l	99
48) Methyl methacrylate	7.74	41	58160	19.617	ug/l	100
49) 1,4-Dioxane	7.72	88	28845	428.497	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	375627	101.752	ug/l	100
52) Toluene	8.76	92	143576	19.042	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78409	18.016	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	86717	17.954	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	58967	19.203	ug/l	99
56) Ethyl methacrylate	9.16	69	84379	19.419	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99679	19.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	236449	92.868	ug/l	99
59) 2-Hexanone	9.48	43	282427	100.875	ug/l	100
60) Dibromochloromethane	9.57	129	55805	18.553	ug/l	99
61) 1,2-Dibromoethane	9.65	107	60427	19.090	ug/l	98
64) Tetrachloroethene	9.32	164	53687	17.329	ug/l	98
65) Chlorobenzene	10.12	112	150039	18.516	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	54189	18.385	ug/l	99
67) Ethyl Benzene	10.23	91	265313	18.690	ug/l	99
68) m/p-Xylenes	10.34	106	198460	37.525	ug/l	100
69) o-Xylene	10.68	106	95310	18.852	ug/l	99
70) Styrene	10.70	104	158153	17.989	ug/l	99
71) Bromoform	10.84	173	38385	17.868	ug/l #	100
73) Isopropylbenzene	11.00	105	254603	20.055	ug/l	99
74) N-amyl acetate	10.88	43	97782	20.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	91565	20.169	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	96878	24.190	ug/l	88
77) Bromobenzene	11.24	156	63264	19.521	ug/l	99
78) n-propylbenzene	11.34	91	285696	19.617	ug/l	99
79) 2-Chlorotoluene	11.40	91	177277	20.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	213796	20.076	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	23963	19.026	ug/l	94
82) 4-Chlorotoluene	11.49	91	204957	19.712	ug/l	100
83) tert-Butylbenzene	11.76	119	206100	20.004	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	215723	20.020	ug/l	100
85) sec-Butylbenzene	11.93	105	241210	19.679	ug/l	99
86) p-Isopropyltoluene	12.05	119	216536	19.458	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113276	19.032	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	114757	18.718	ug/l	98
89) n-Butylbenzene	12.37	91	186508	18.538	ug/l	99
90) Hexachloroethane	12.58	117	35404	19.012	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	113135	18.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18678	20.167	ug/l	97

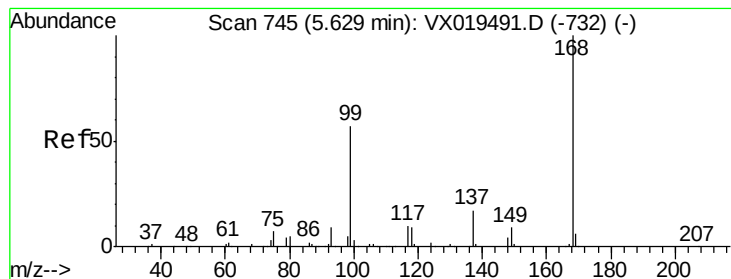
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71348	18.591	ug/l	99
94) Hexachlorobutadiene	13.76	225	32053	18.334	ug/l	96
95) Naphthalene	13.82	128	240926	19.202	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73559	19.162	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

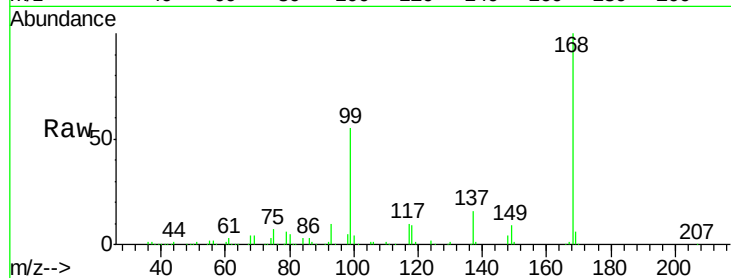
VX1121WBSD02

Tot Ion:168 Resp: 254970

Ion Ratio Lower Upper

168 100

99 54.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

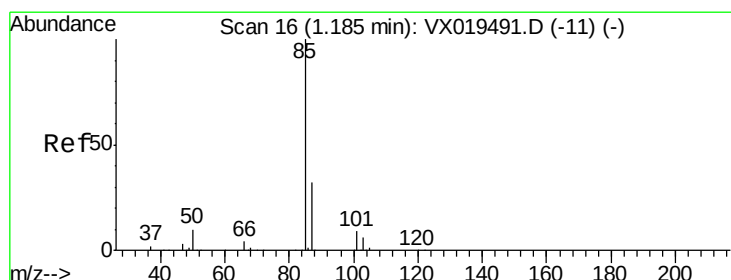
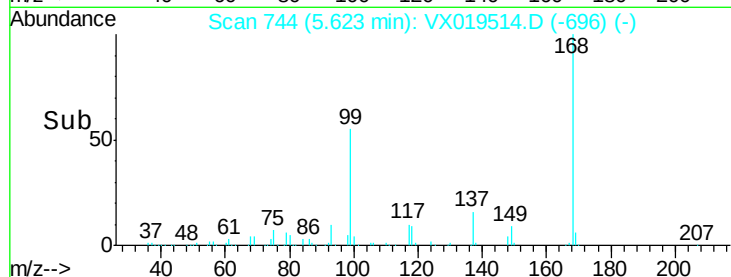
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.652 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019514.D

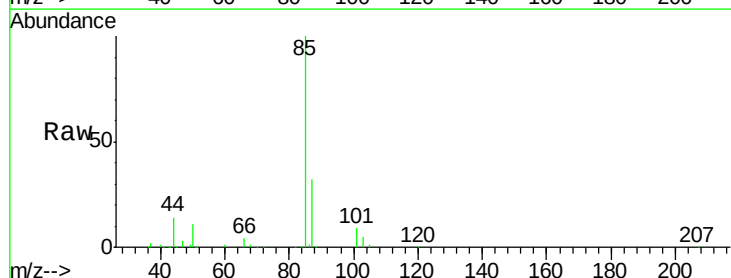
Acq: 21 Nov 2020 00:03

Tgt Ion: 85 Resp: 46246

Ion Ratio Lower Upper

85 100

87 32.3 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

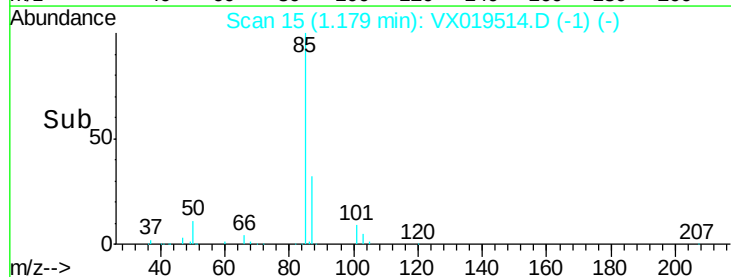
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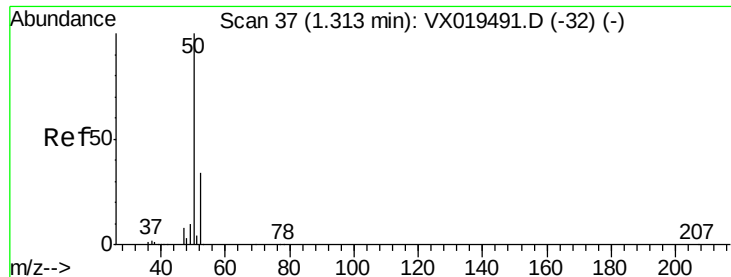
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.786 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

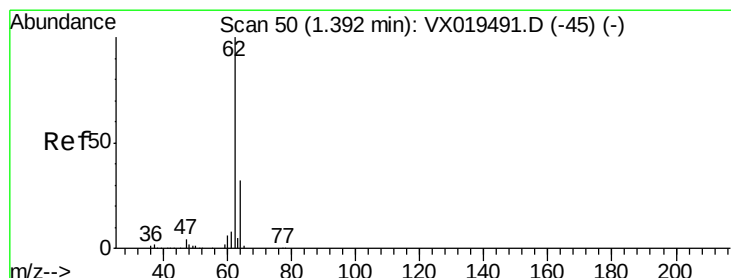
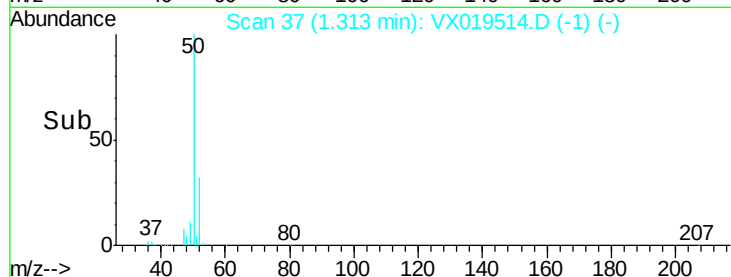
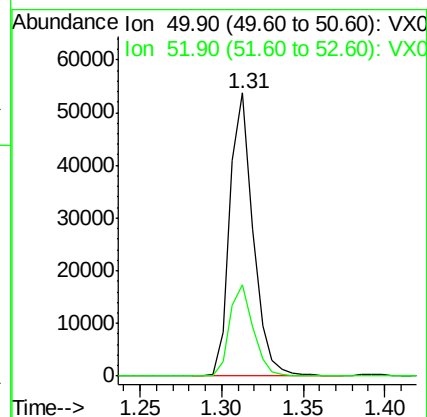
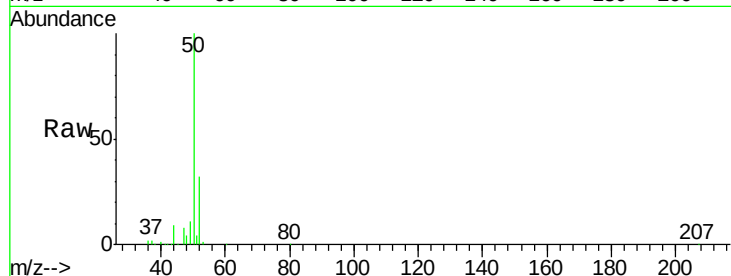
VX1121WBSD02

Tot Ion: 50 Resp: 53450

Ion Ratio Lower Upper

50 100

52 32.4 27.0 40.6



#4

Vinyl Chloride

Concen: 19.248 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019514.D

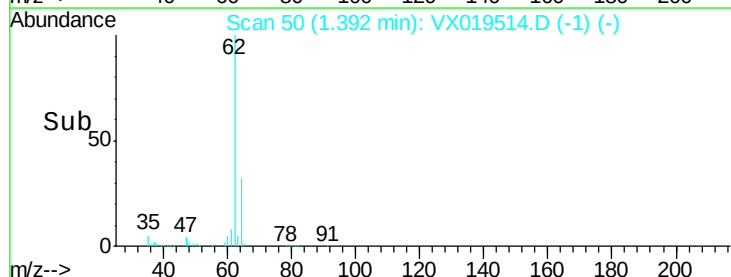
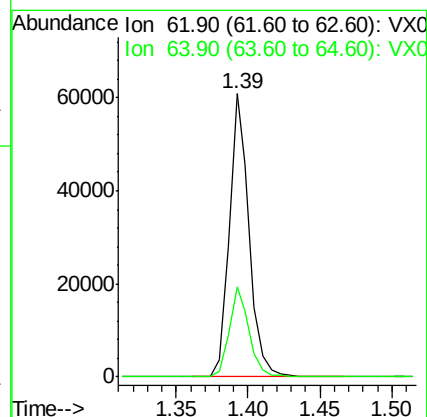
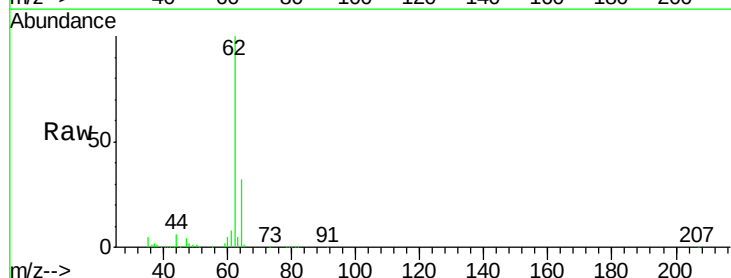
Acq: 21 Nov 2020 00:03

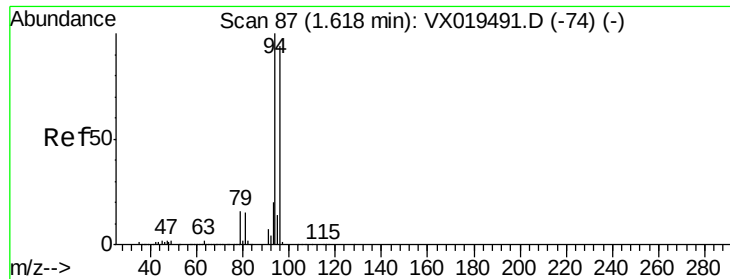
Tgt Ion: 62 Resp: 58953

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 17.479 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

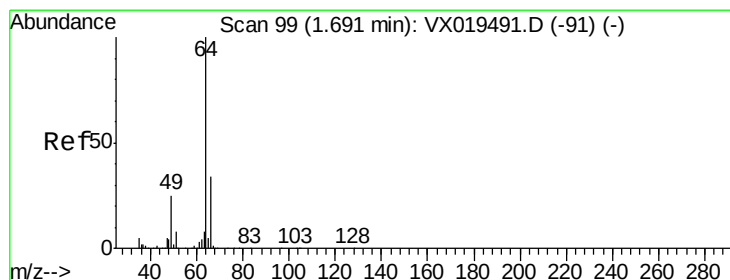
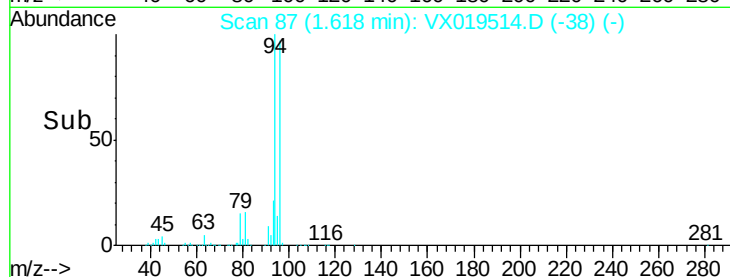
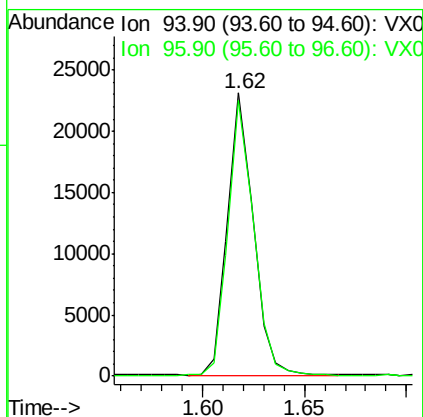
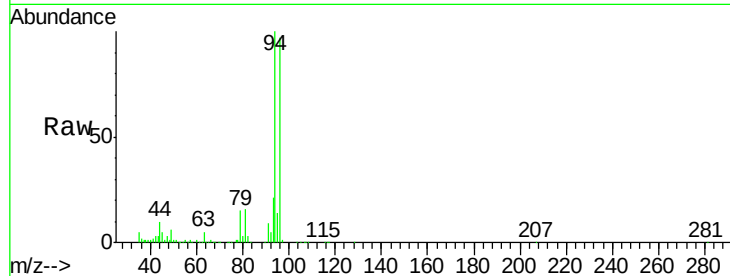
VX1121WBSD02

Tot Ion: 94 Resp: 20278

Ion Ratio Lower Upper

94 100

96 97.4 75.6 113.4



#6

Chloroethane

Concen: 18.095 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019514.D

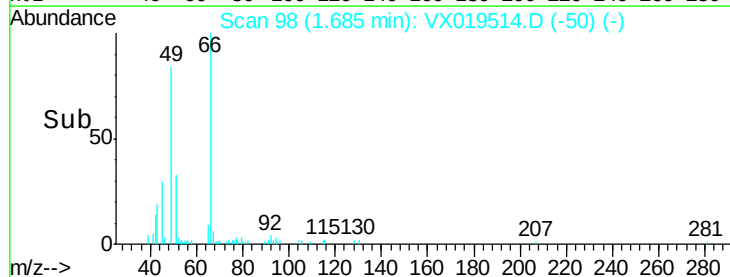
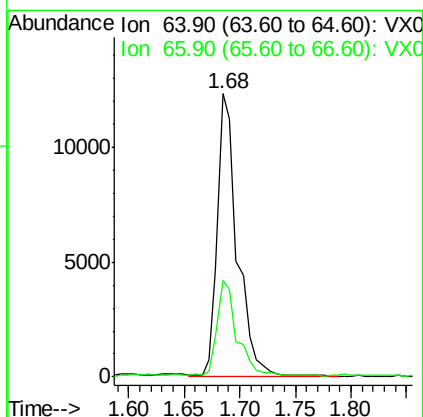
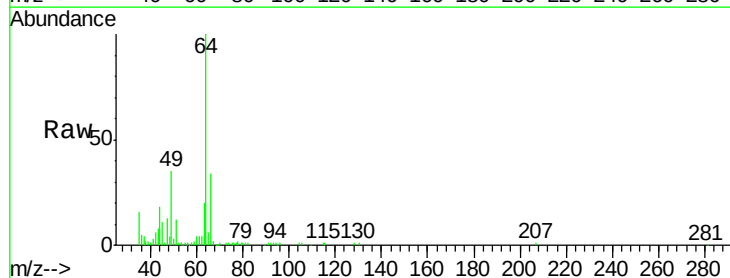
Acq: 21 Nov 2020 00:03

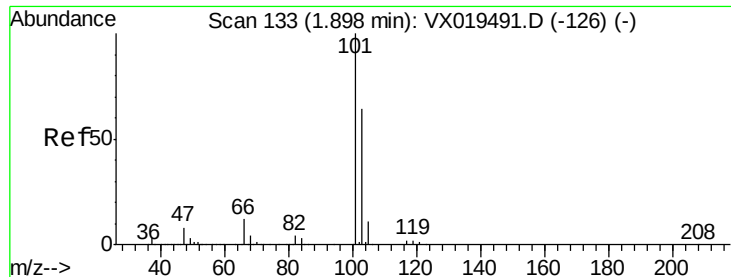
Tgt Ion: 64 Resp: 15517

Ion Ratio Lower Upper

64 100

66 33.3 27.1 40.7



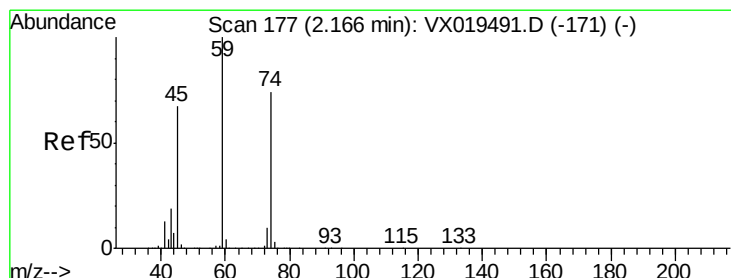
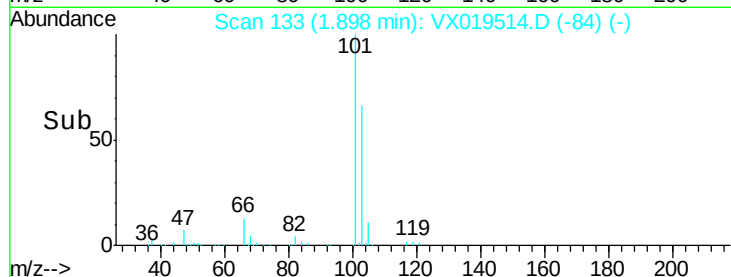
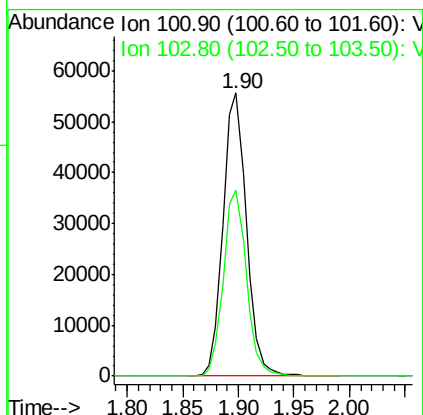
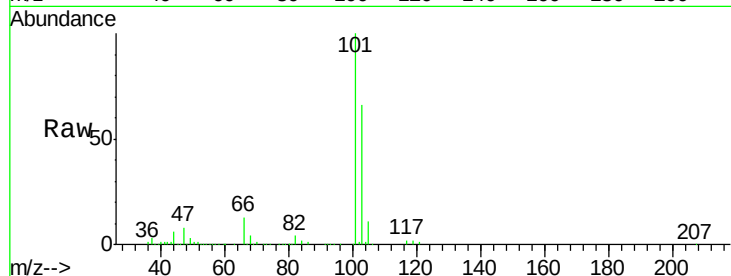


#7

Trichlorofluoromethane
 Concen: 18.338 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
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 VX1121WBSD02

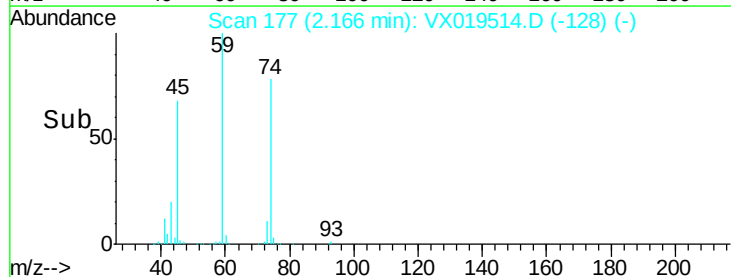
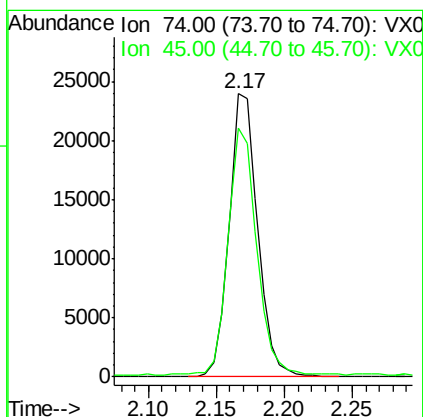
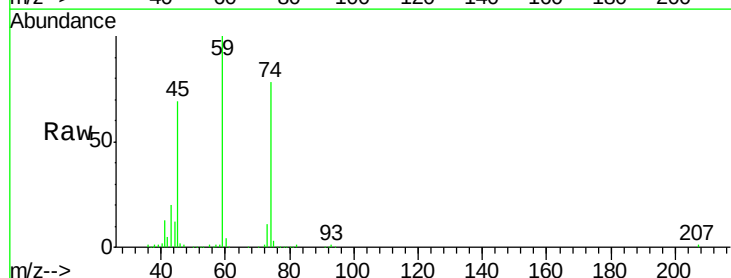
Tot Ion:101 Resp: 81064
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.9 76.3

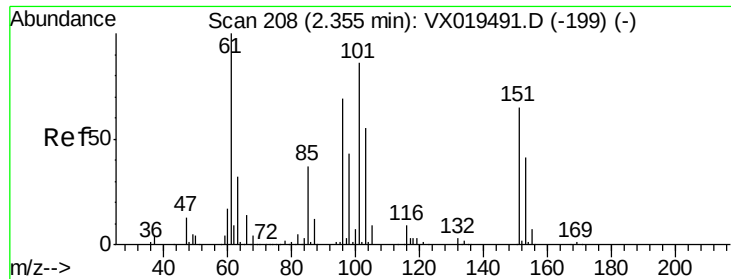


#8

Diethyl Ether
 Concen: 19.770 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion: 74 Resp: 35001
 Ion Ratio Lower Upper
 74 100
 45 88.7 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.125 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

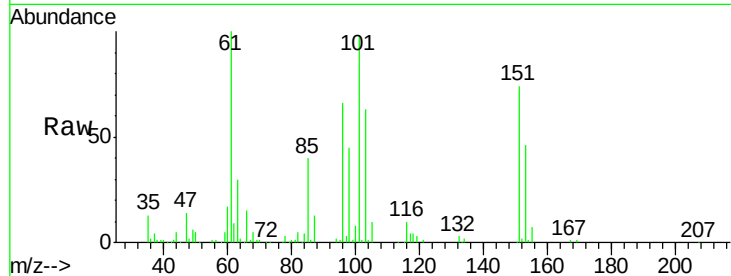
Tot Ion:101 Resp: 44700

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

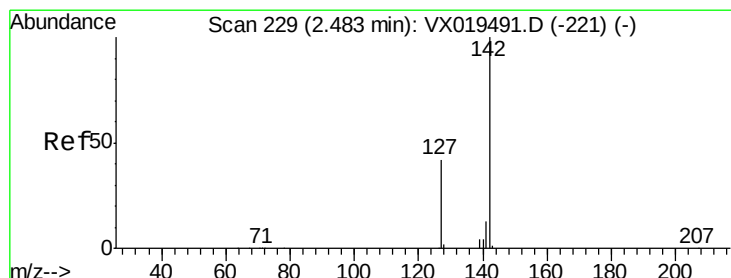
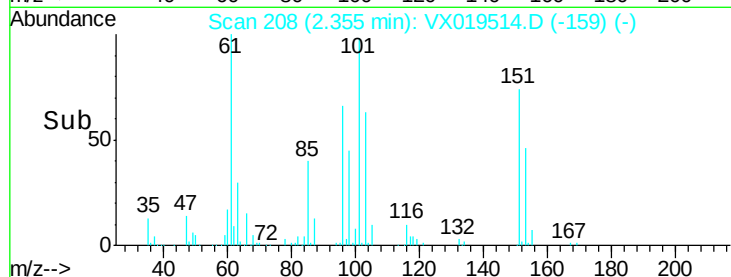
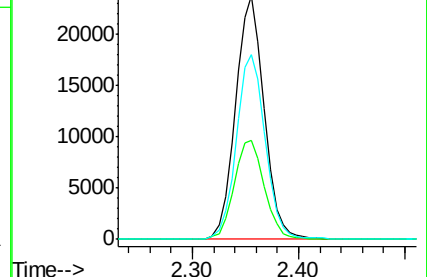
151 76.9 60.9 91.3



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: 17.222 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

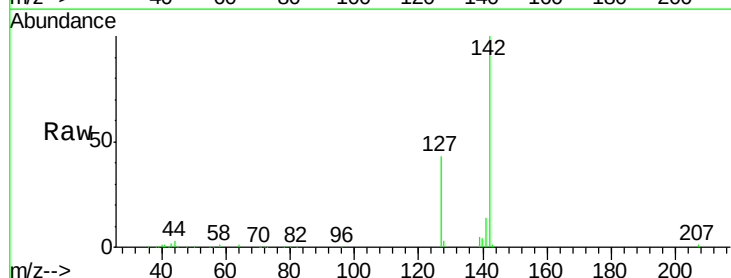
Tgt Ion:142 Resp: 55798

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.6

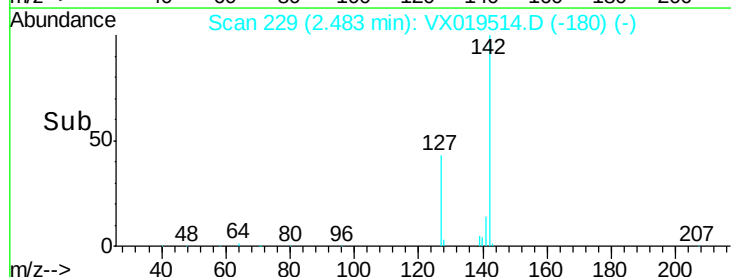
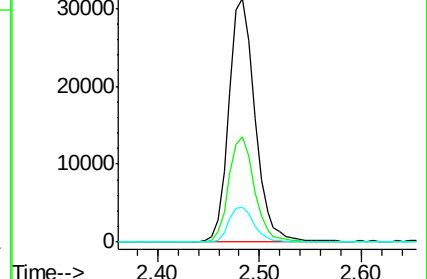
141 14.0 11.0 16.6

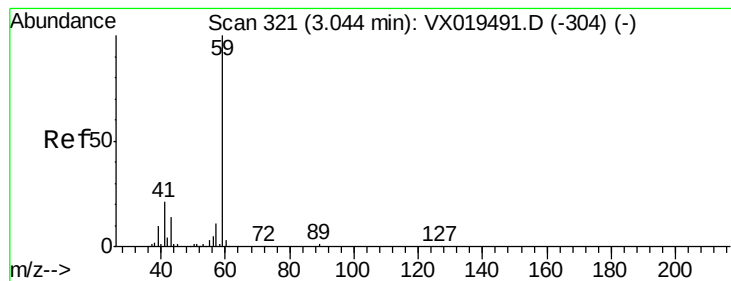


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 103.044 ug/l

RT: 3.04 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

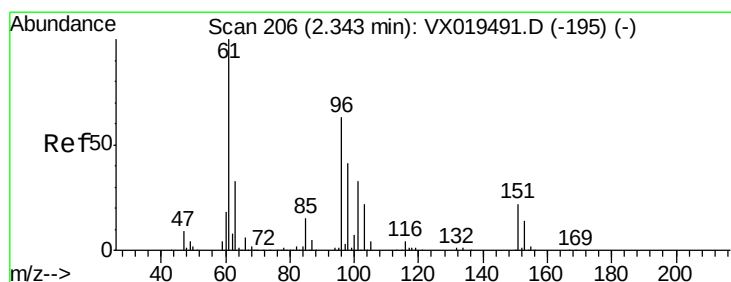
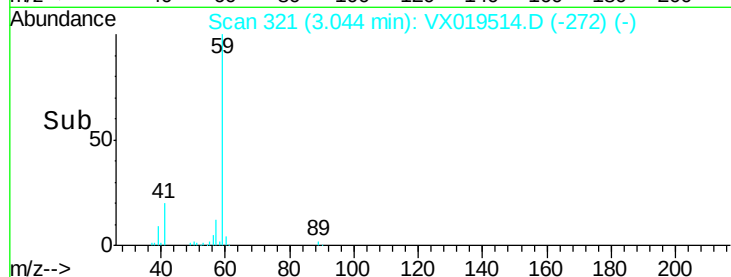
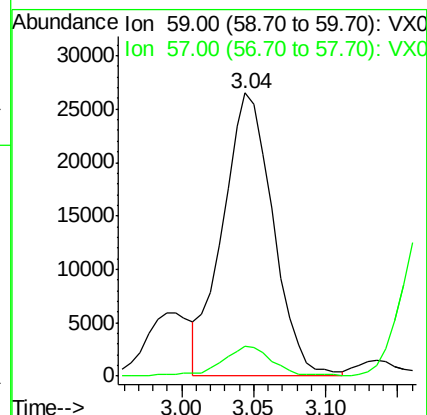
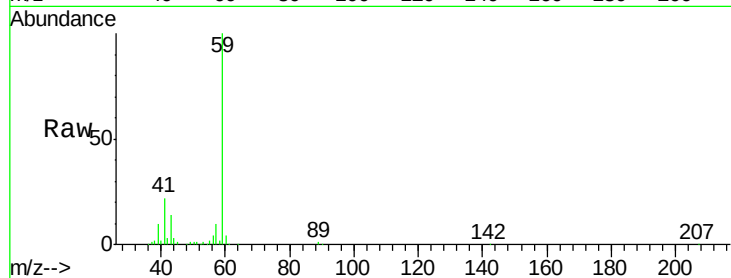
VX1121WBSD02

Tot Ion: 59 Resp: 64469

Ion Ratio Lower Upper

59 100

57 10.8 7.9 11.9



#12

1,1-Dichloroethene

Concen: 18.453 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

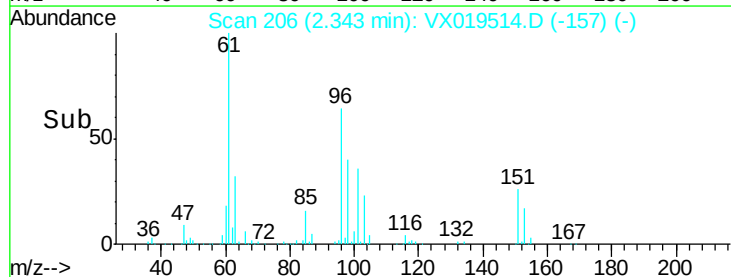
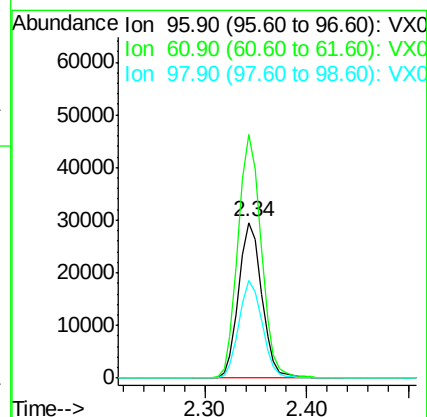
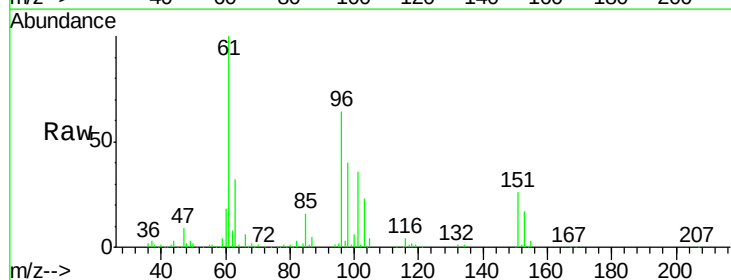
Tgt Ion: 96 Resp: 46711

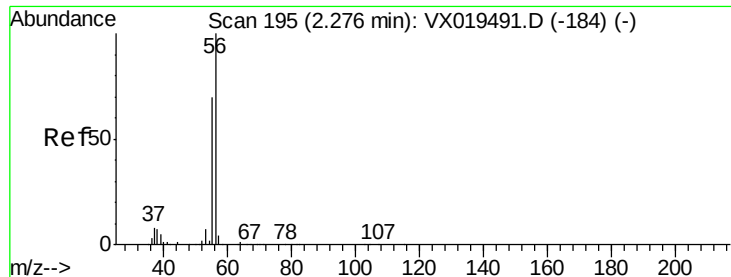
Ion Ratio Lower Upper

96 100

61 156.1 126.0 189.0

98 62.4 52.0 78.0





#13

Acrolein

Concen: 86.519 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

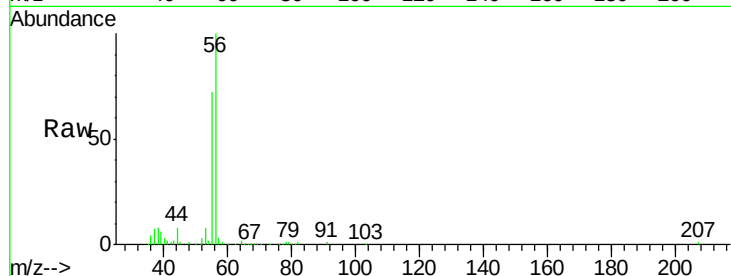
VX1121WBSD02

Tot Ion: 56 Resp: 36386

Ion Ratio Lower Upper

56 100

55 70.4 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

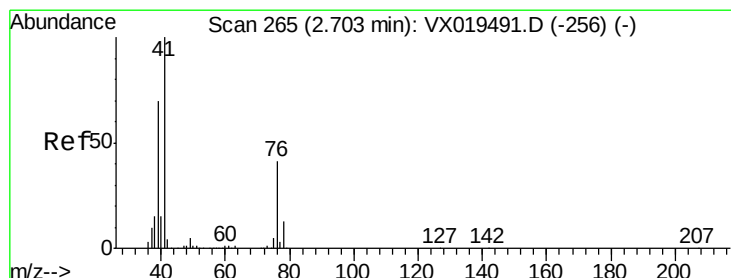
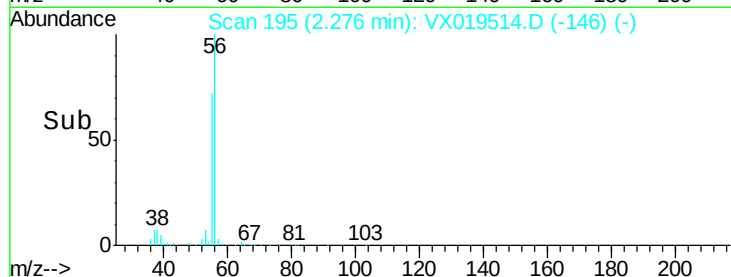
5000

0

Time-->

2.20 2.30 2.40

2.28



#14

Allyl chloride

Concen: 17.809 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

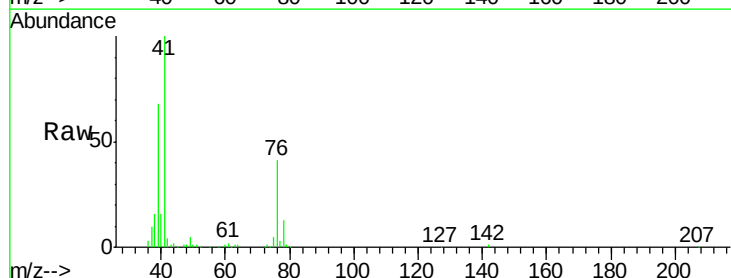
Tgt Ion: 41 Resp: 70620

Ion Ratio Lower Upper

41 100

39 66.5 53.0 79.4

76 37.9 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

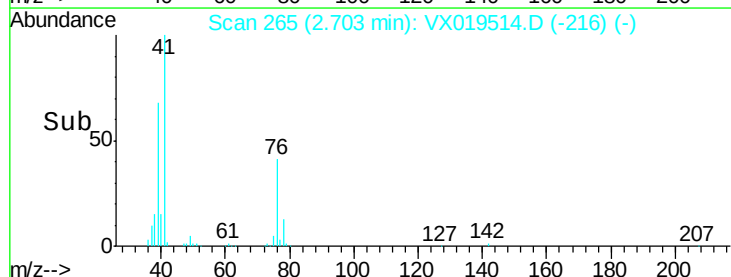
10000

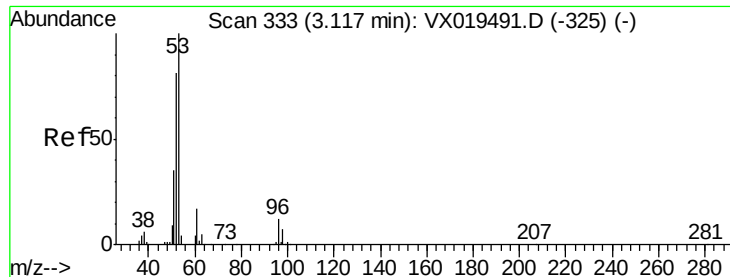
0

Time-->

2.60 2.70 2.80

2.70





#15

Acrylonitrile

Concen: 101.958 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

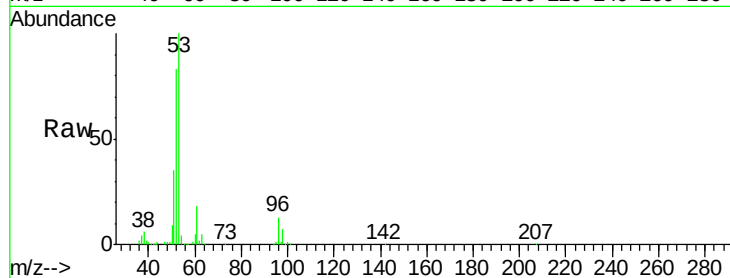
MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 53 Resp: 150437

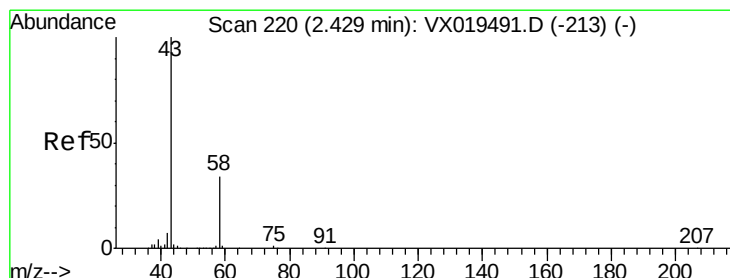
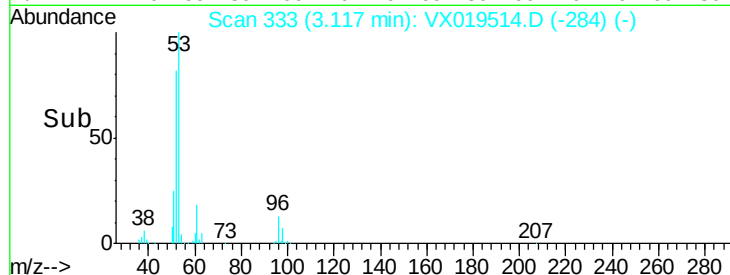
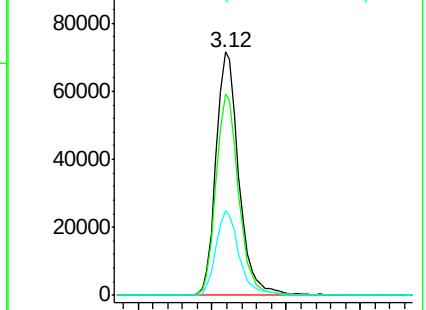
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.0	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.472 ug/l

RT: 2.43 min Scan# 220

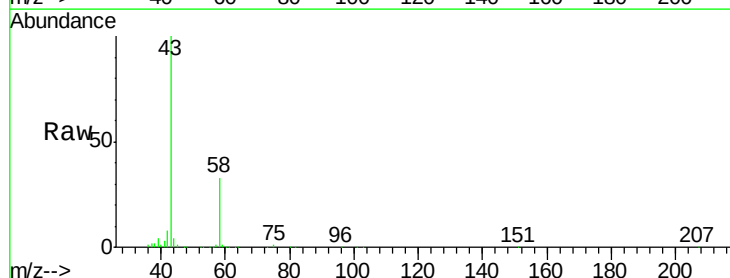
Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

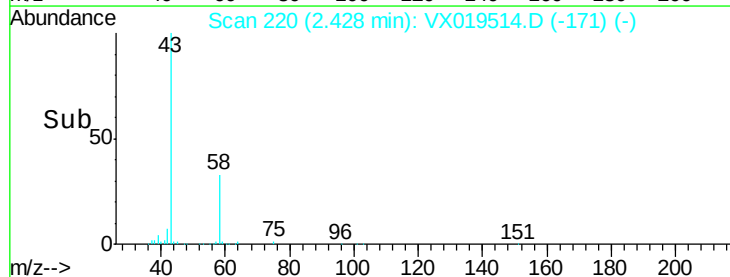
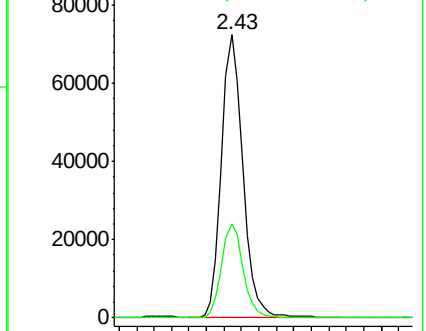
Tgt Ion: 43 Resp: 122056

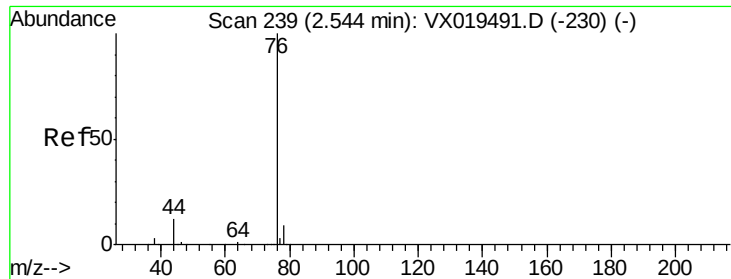
Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.4	41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.301 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

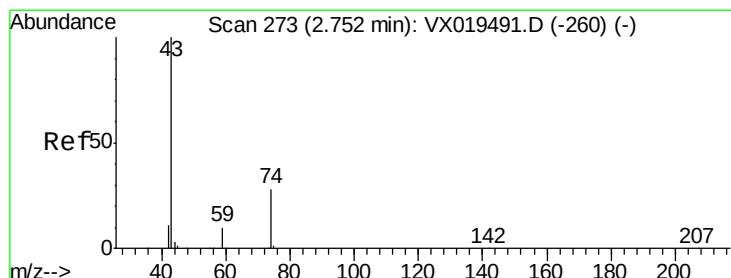
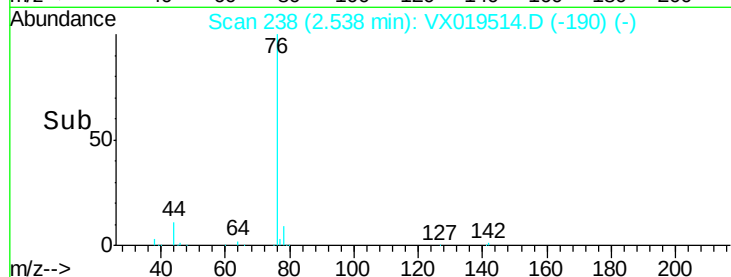
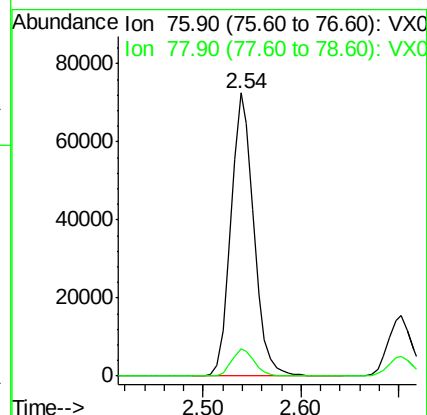
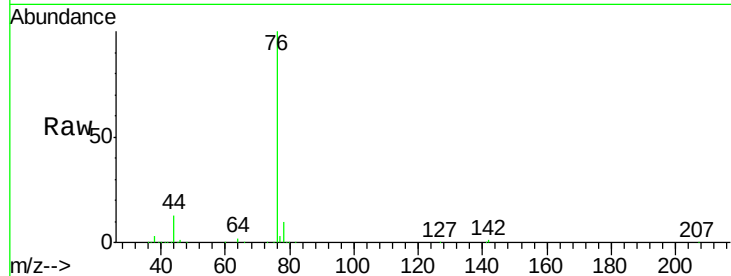
VX1121WBSD02

Tot Ion: 76 Resp: 117656

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#18

Methyl Acetate

Concen: 20.484 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019514.D

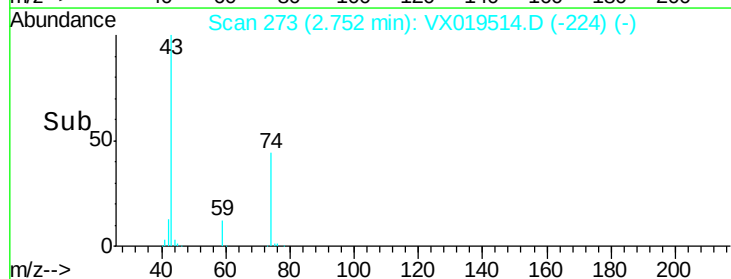
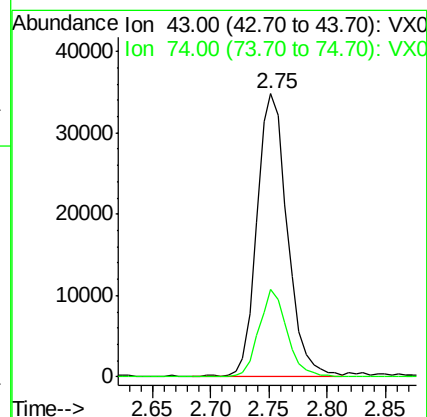
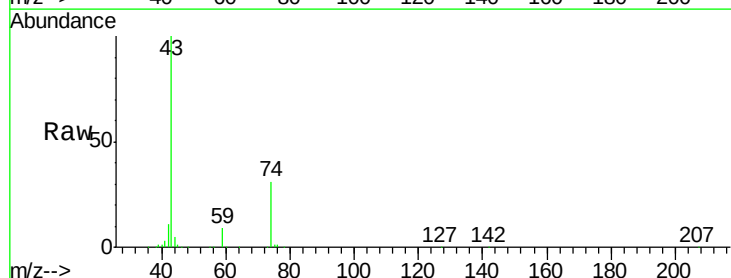
Acq: 21 Nov 2020 00:03

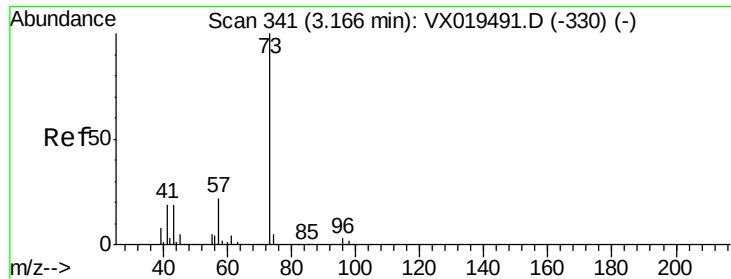
Tgt Ion: 43 Resp: 63019

Ion Ratio Lower Upper

43 100

74 29.1 22.2 33.4



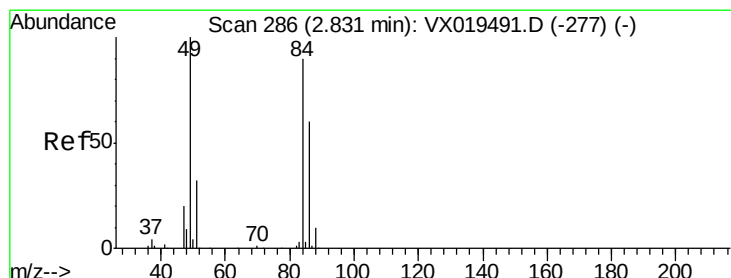
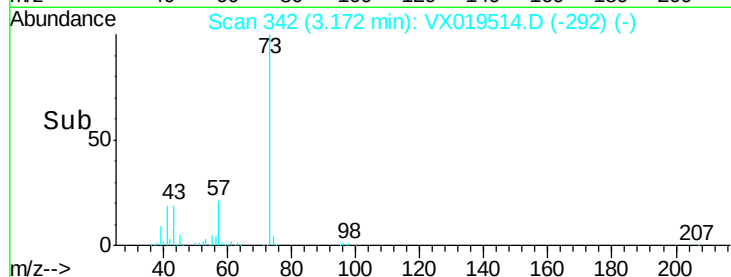
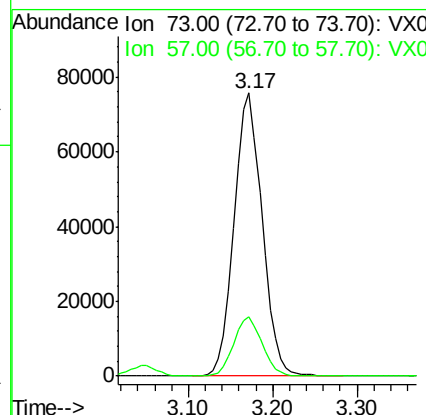
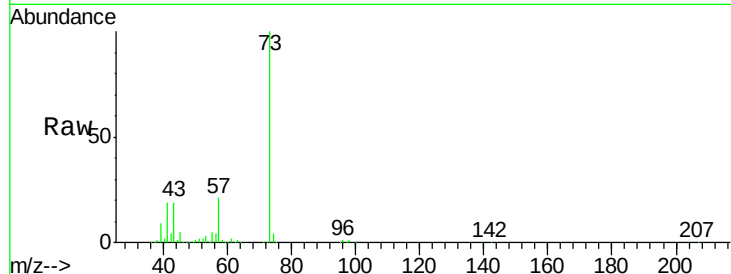


#19

Methyl tert-butyl Ether
 Concen: 19.590 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

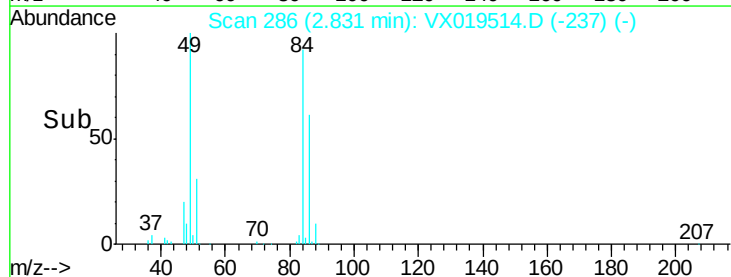
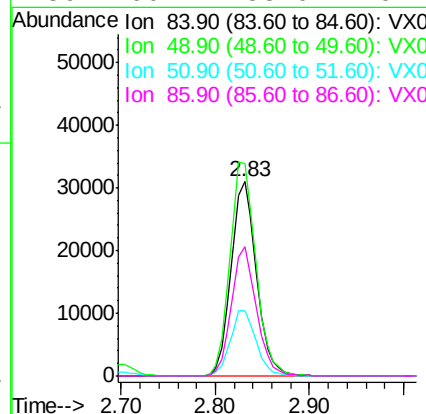
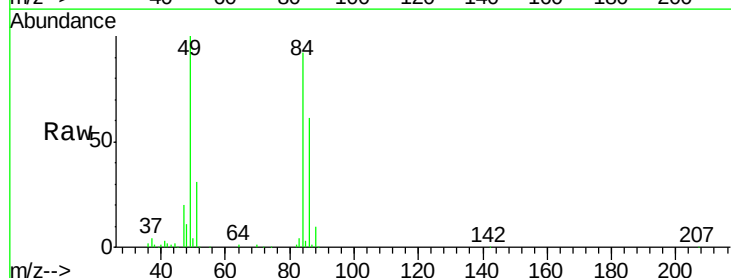
Tot Ion: 73 Resp: 171168
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9

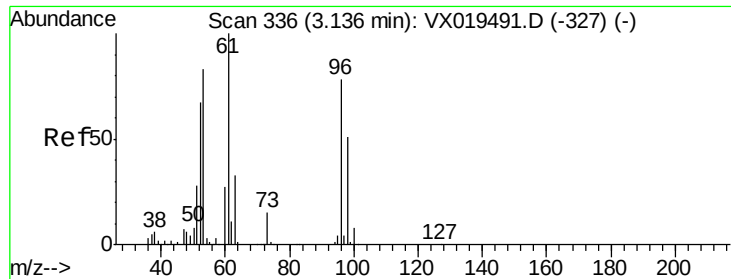


#20

Methylene Chloride
 Concen: 18.174 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion: 84 Resp: 58072
 Ion Ratio Lower Upper
 84 100
 49 109.1 88.5 132.7
 51 33.6 28.0 42.0
 86 66.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.442 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

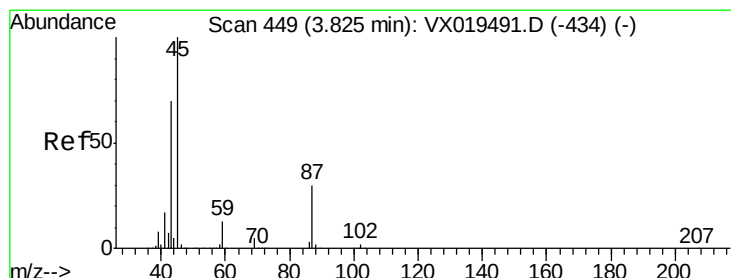
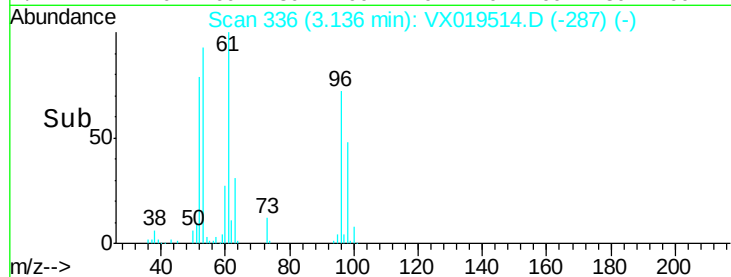
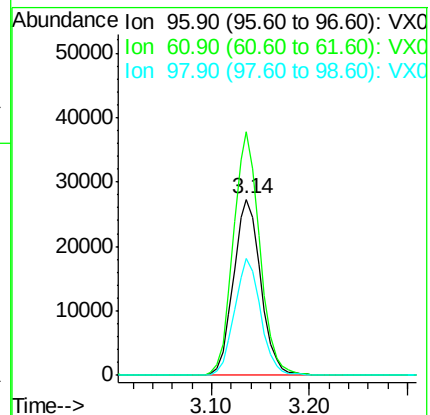
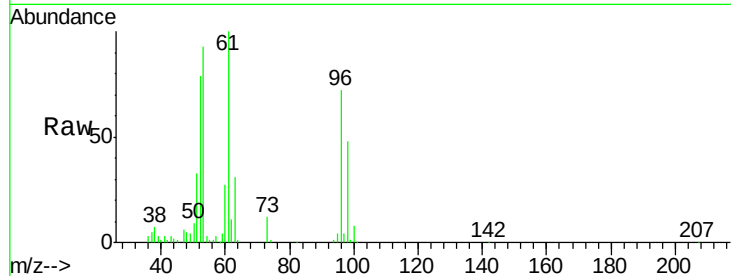
Tot Ion: 96 Resp: 52892

Ion Ratio Lower Upper

96 100

61 138.4 102.9 154.3

98 66.4 52.1 78.1



#22

Diisopropyl ether

Concen: 19.520 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion: 45 Resp: 160134

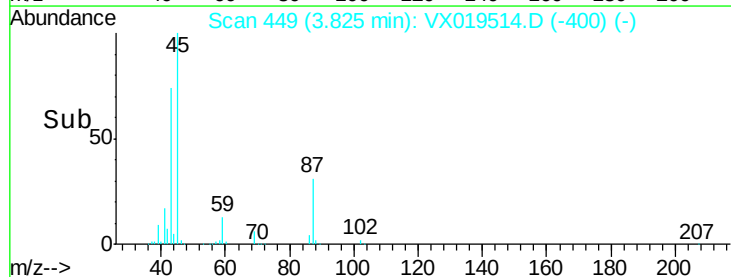
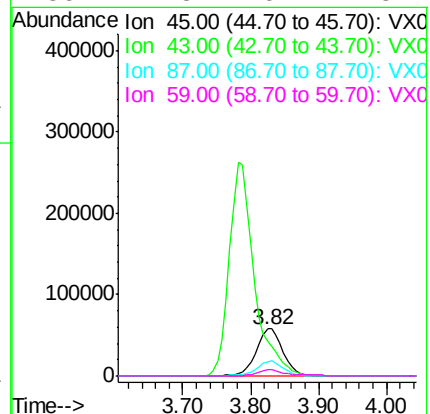
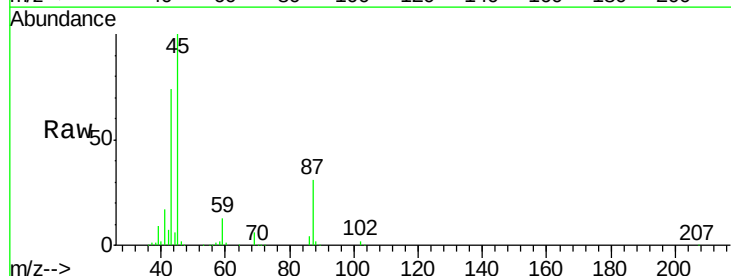
Ion Ratio Lower Upper

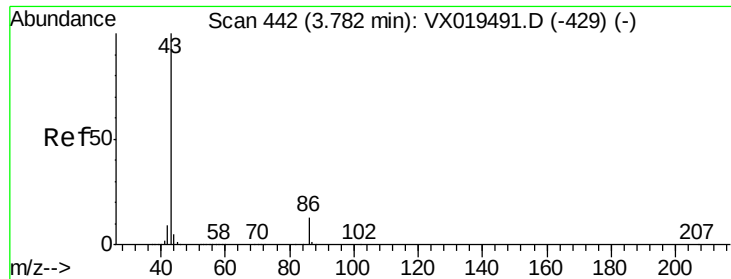
45 100

43 73.7 56.1 84.1

87 31.0 24.2 36.2

59 12.8 10.2 15.2





#23

Vinyl Acetate

Concen: 97.872 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

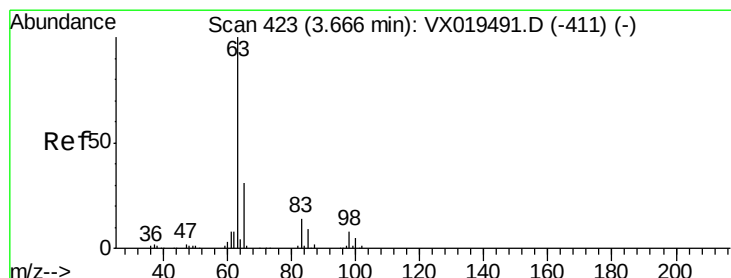
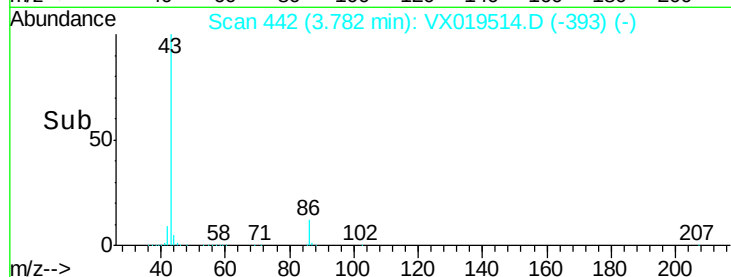
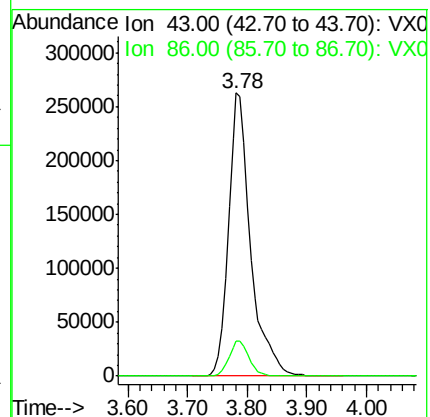
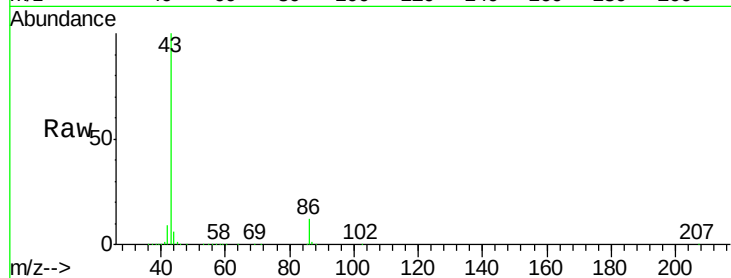
VX1121WBSD02

Tot Ion: 43 Resp: 673452

Ion Ratio Lower Upper

43 100

86 12.2 10.2 15.2



#24

1,1-Dichloroethane

Concen: 18.746 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

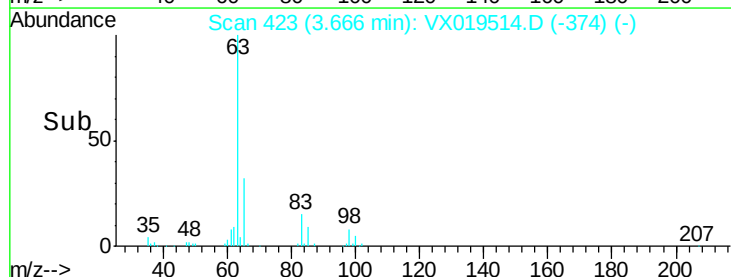
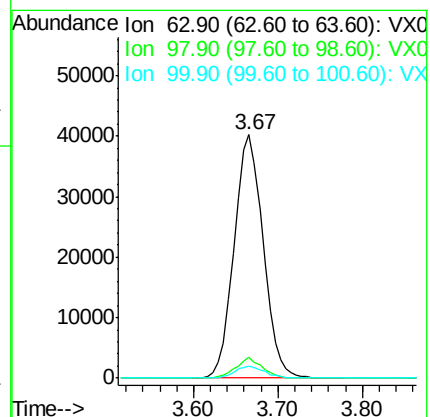
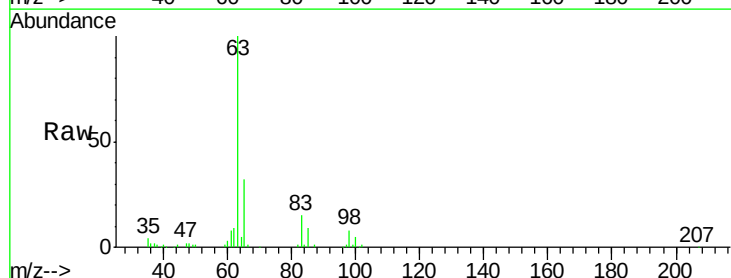
Tgt Ion: 63 Resp: 94062

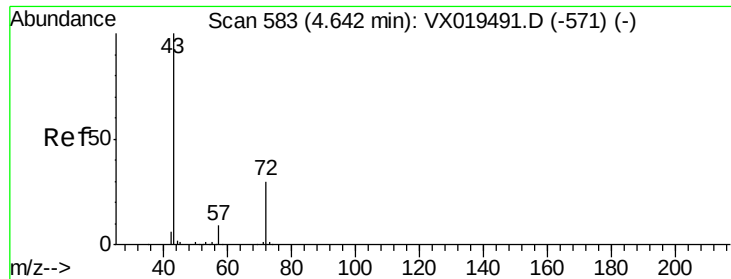
Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 100.415 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

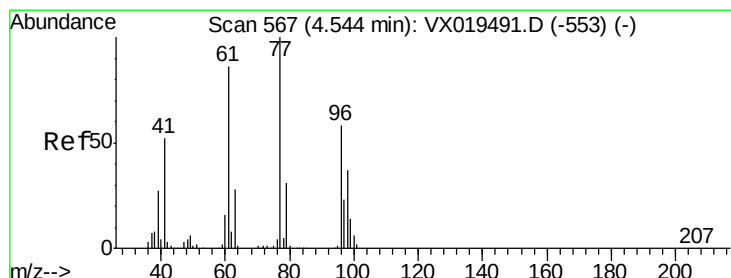
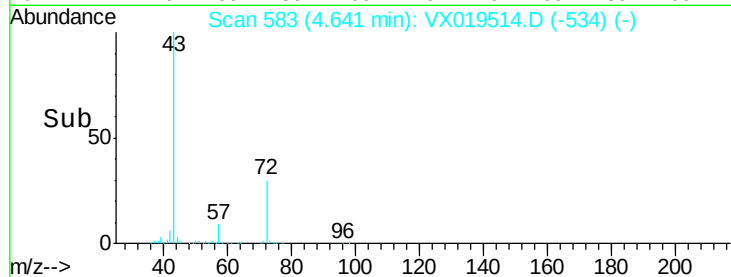
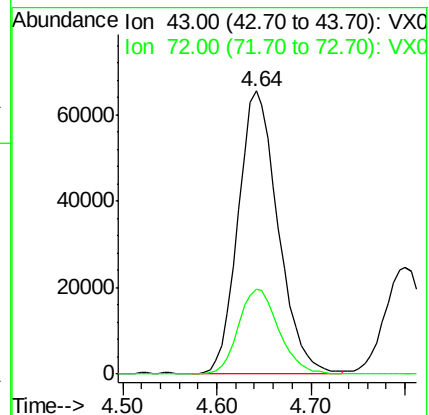
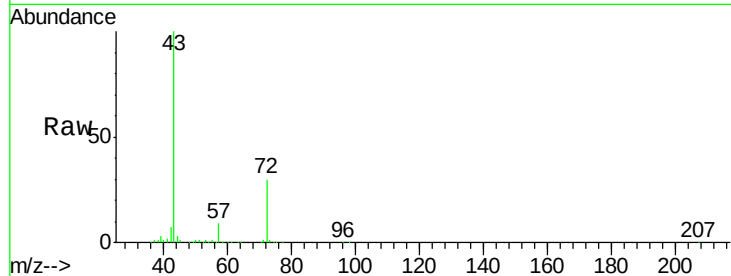
VX1121WBSD02

Tot Ion: 43 Resp: 192845

Ion Ratio Lower Upper

43 100

72 29.8 24.0 36.0



#26

2,2-Dichloropropane

Concen: 15.318 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019514.D

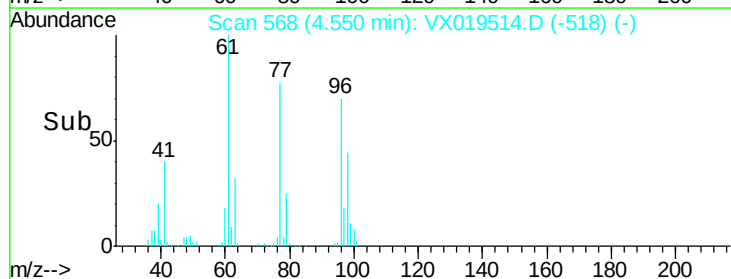
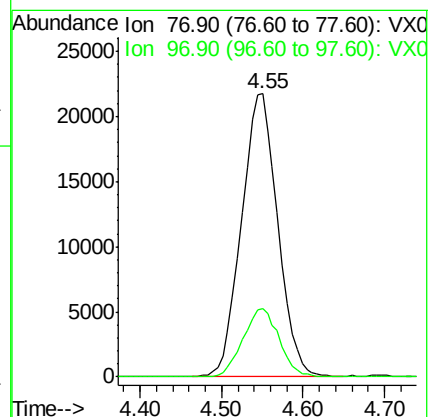
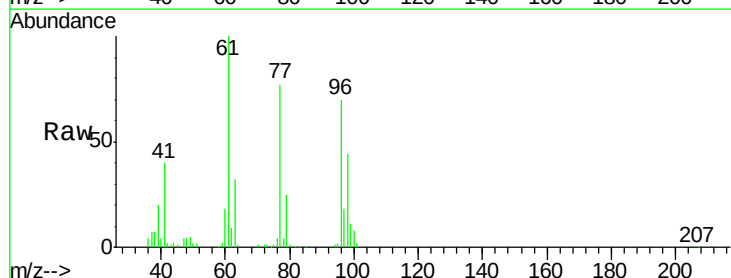
Acq: 21 Nov 2020 00:03

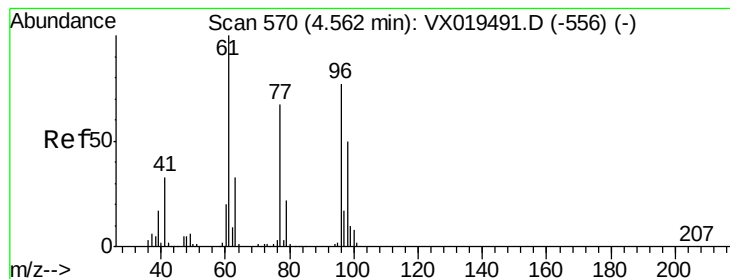
Tgt Ion: 77 Resp: 67090

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



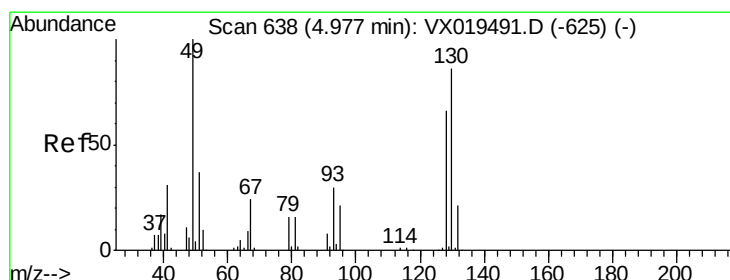
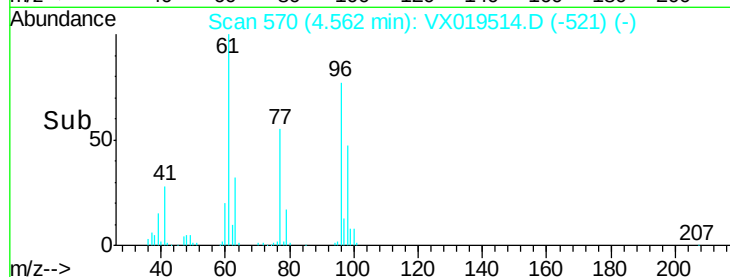
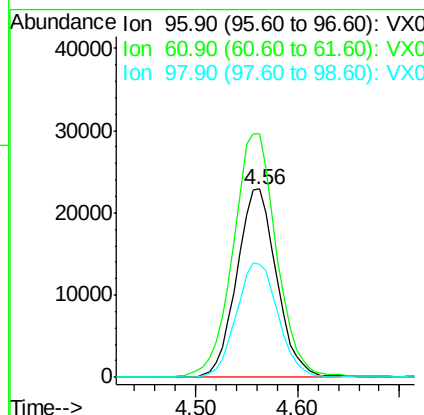
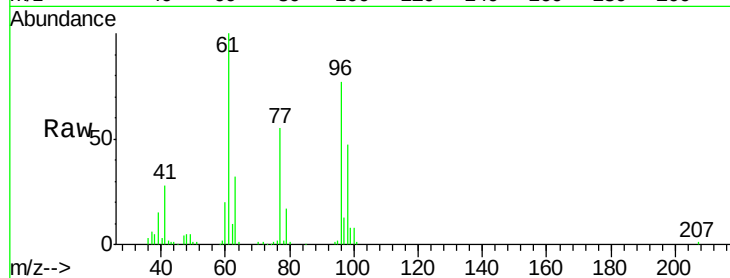


#27

cis-1,2-Dichloroethene
Concen: 18.855 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

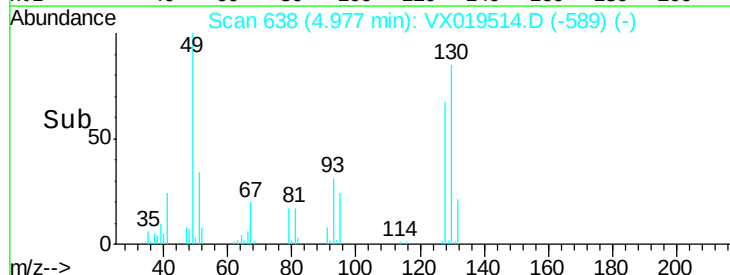
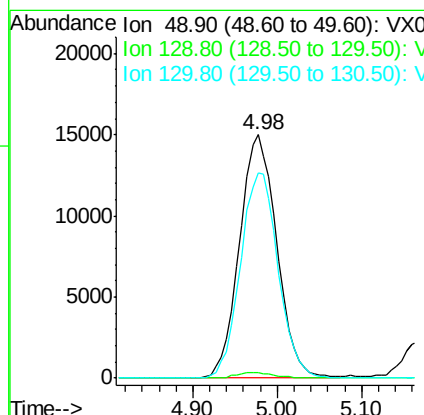
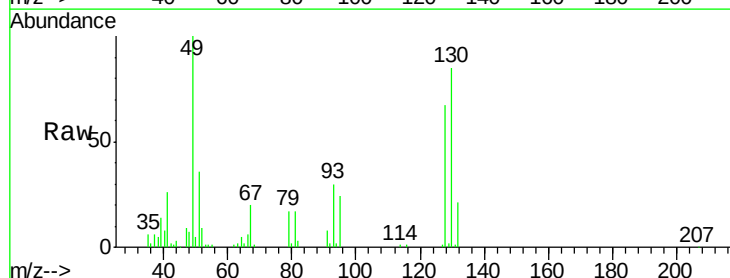
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	279.2
98	63.7	0.0	129.8

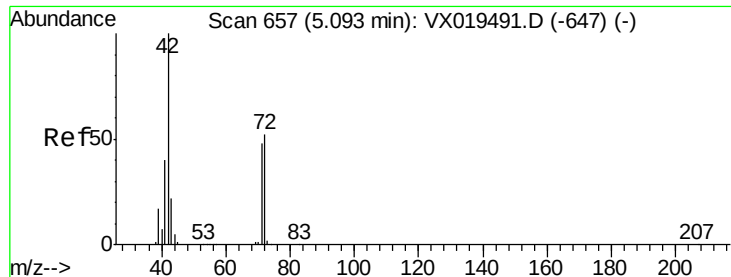


#28

Bromochloromethane
Concen: 18.757 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	85.1	69.0	103.6

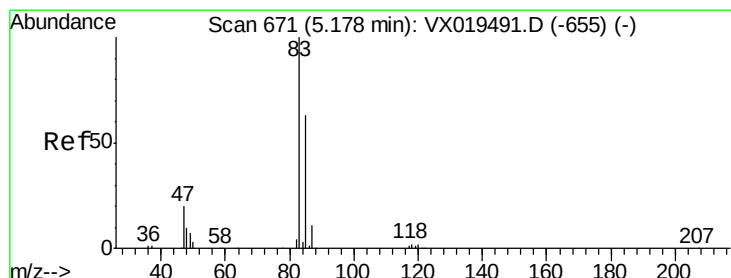
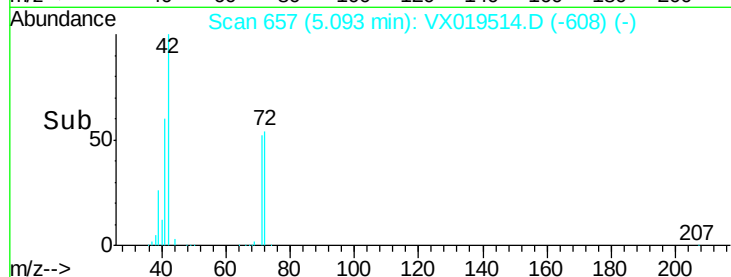
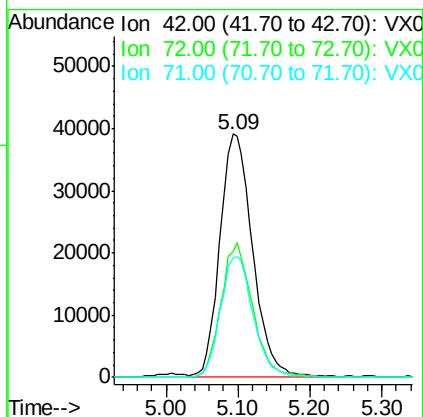
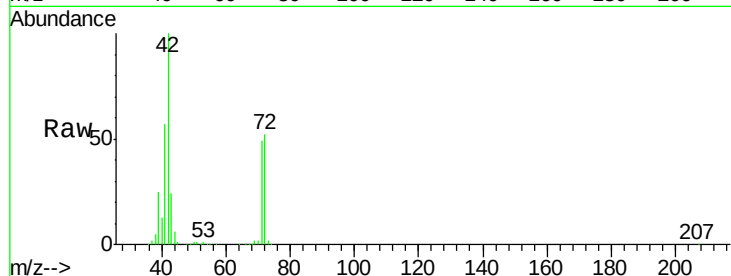




#29
Tetrahydrofuran
Concen: 100.220 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

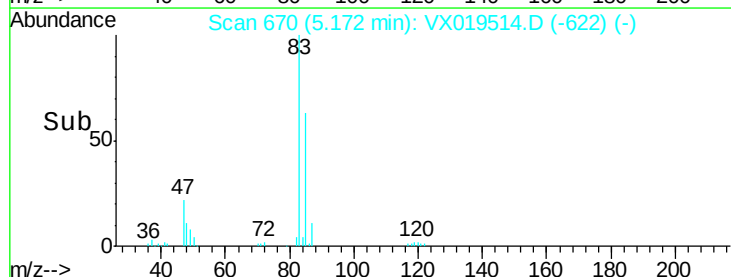
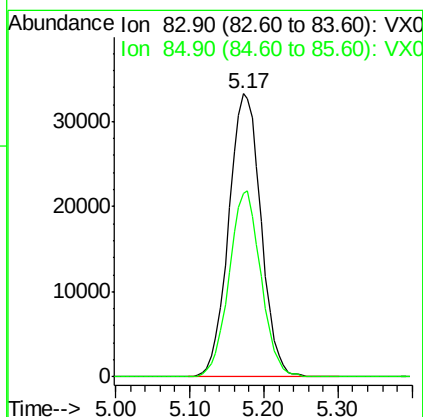
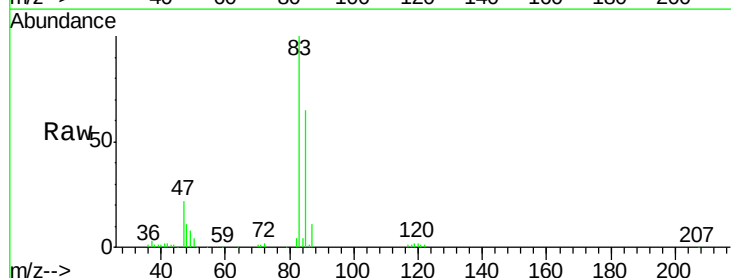
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

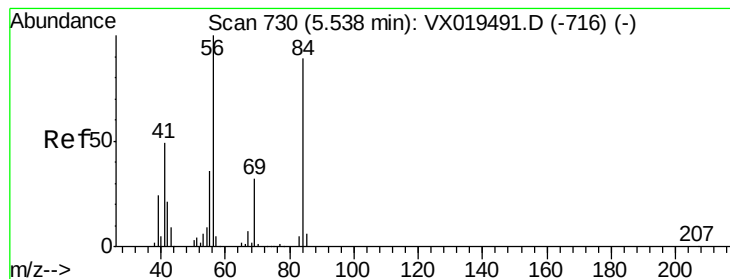
Tot Ion: 42 Resp: 122805
Ion Ratio Lower Upper
42 100
72 53.8 42.6 63.8
71 49.9 39.0 58.6



#30
Chloroform
Concen: 19.240 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion: 83 Resp: 100944
Ion Ratio Lower Upper
83 100
85 64.7 50.5 75.7





#31

Cvclohexane

Concen: 18.207 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

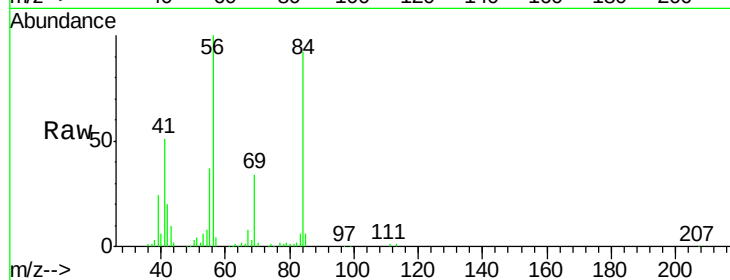
Tot Ion: 56 Resp: 78287

Ion Ratio Lower Upper

56 100

69 33.9 25.5 38.3

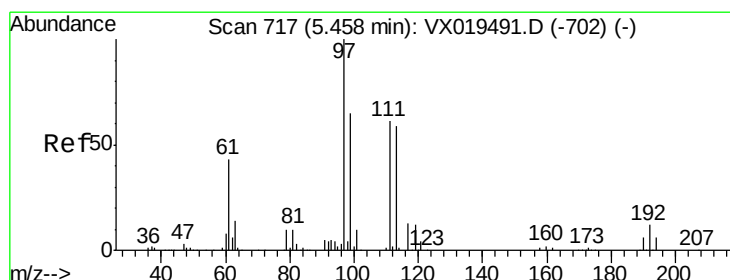
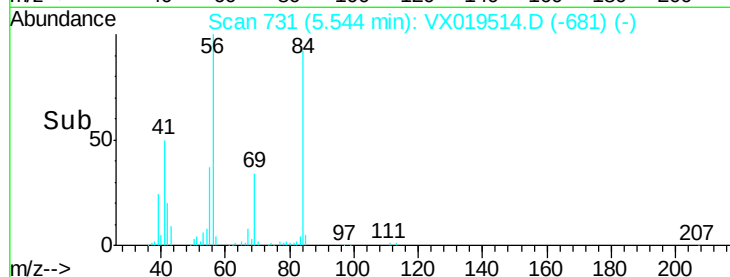
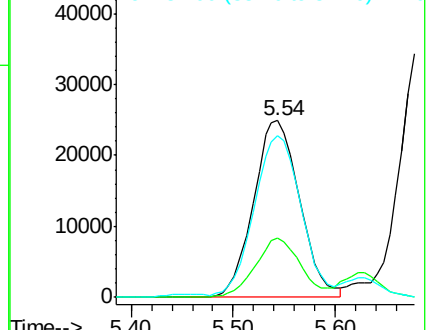
84 90.4 71.1 106.7



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: 19.048 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

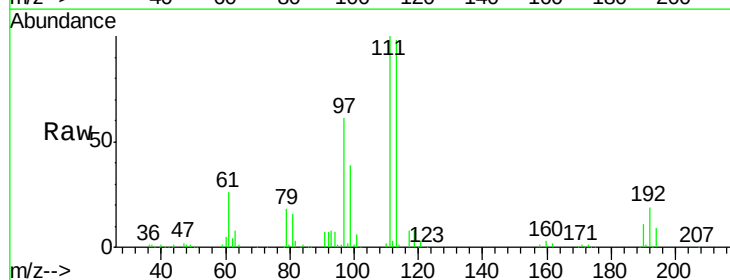
Tgt Ion: 97 Resp: 85849

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

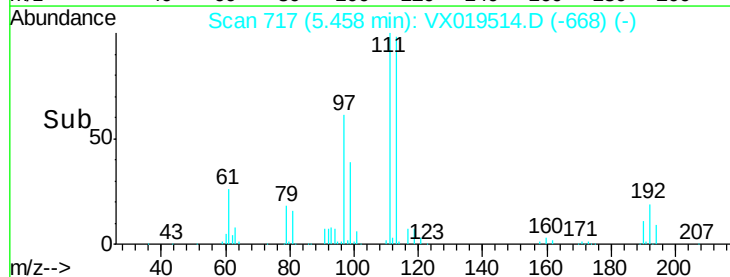
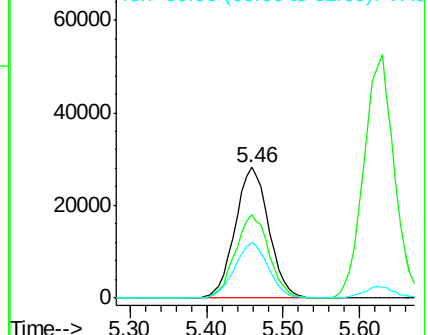
61 42.6 34.2 51.2

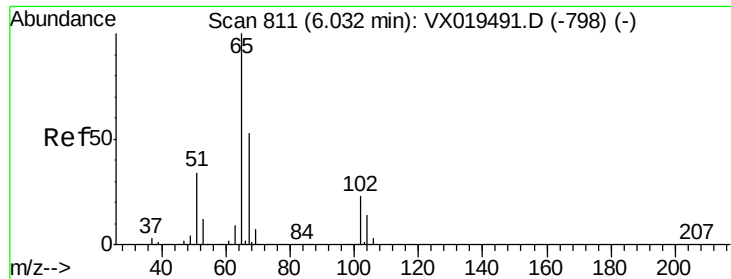


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

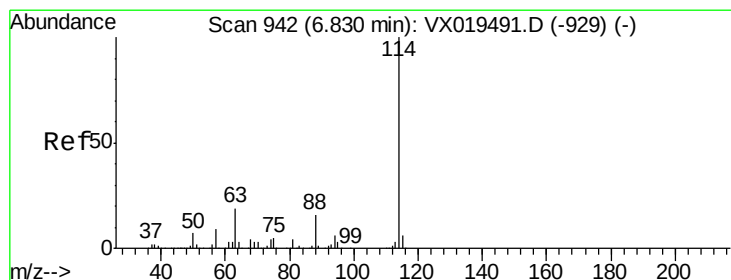
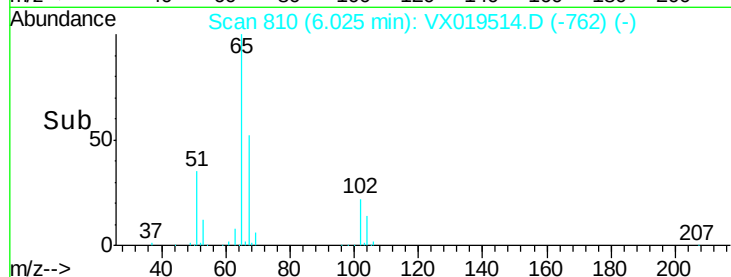
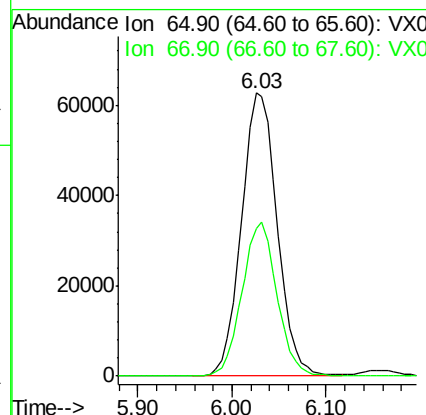
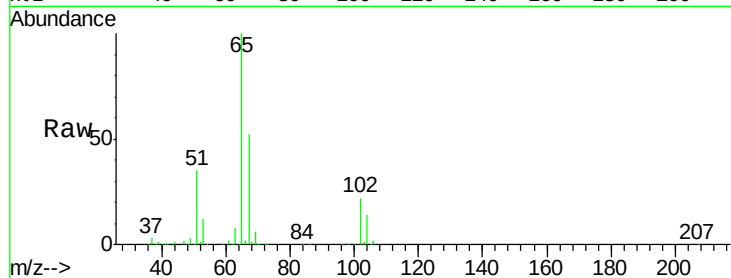




#33
 1,2-Dichloroethane-d4
 Concen: 50.200 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

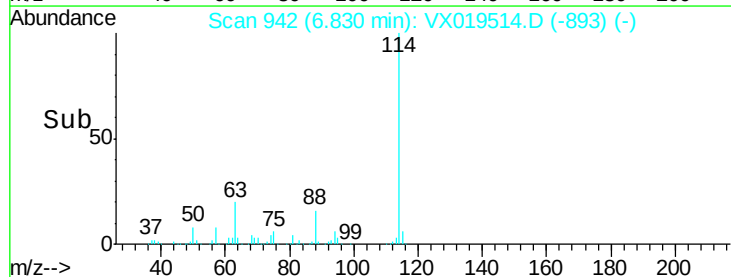
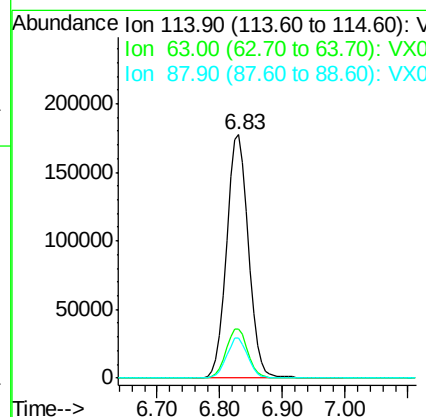
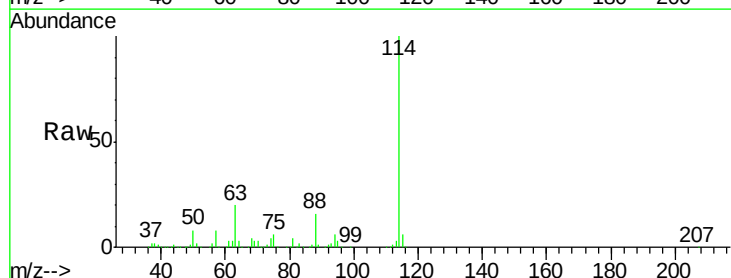
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

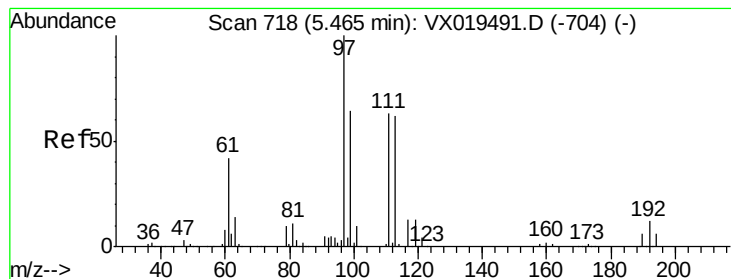
Tot Ion: 65 Resp: 165957
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion: 114 Resp: 427894
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.573 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

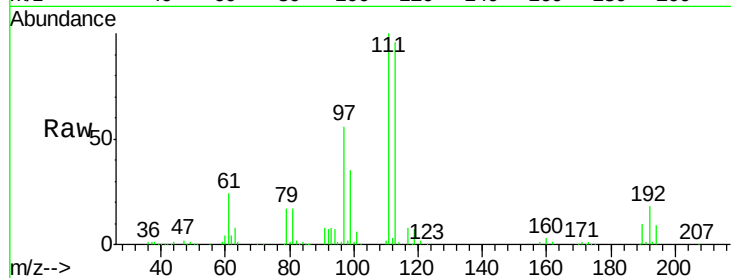
Tot Ion:113 Resp: 133147

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

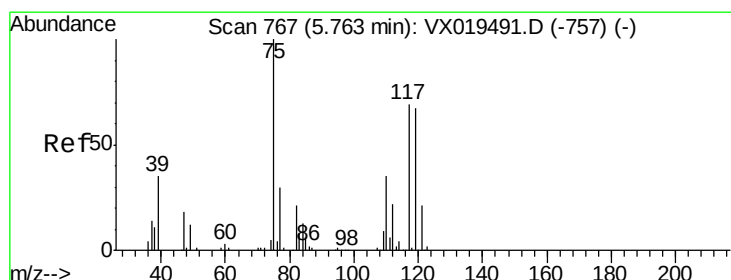
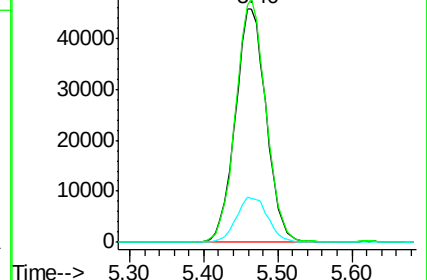
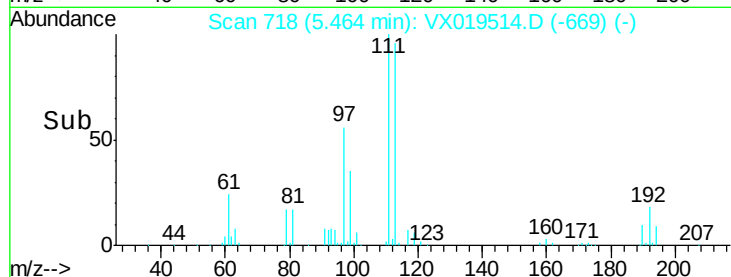
192 19.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.930 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

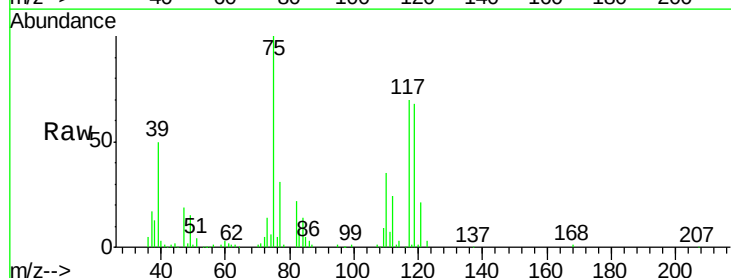
Tgt Ion: 75 Resp: 71927

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.3

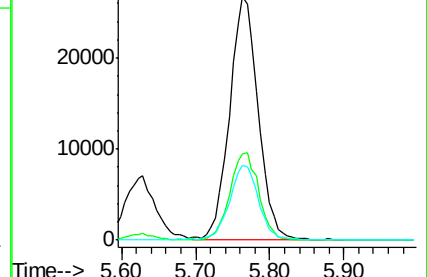
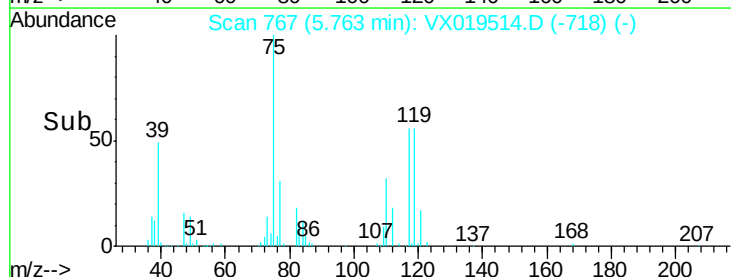
77 31.3 24.2 36.4

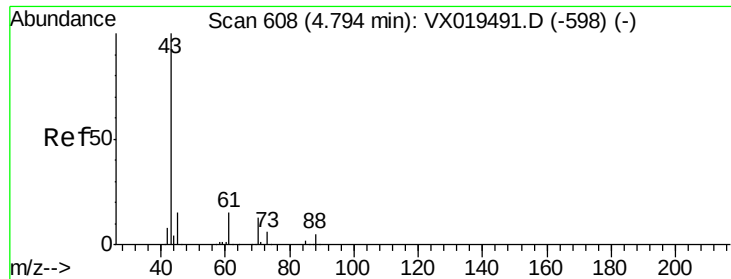


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

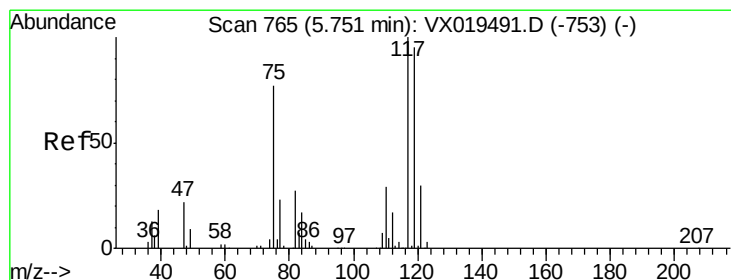
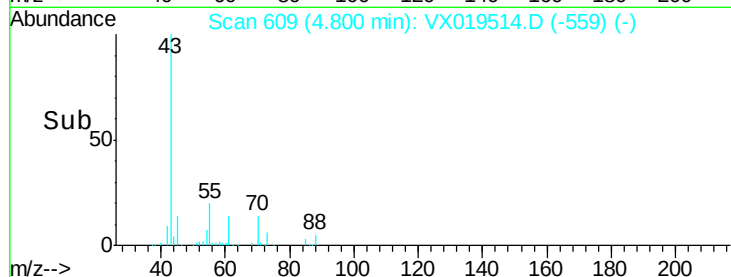
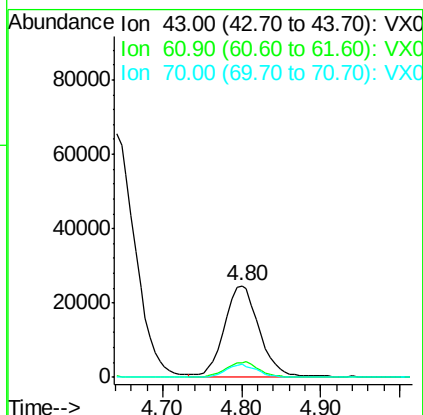
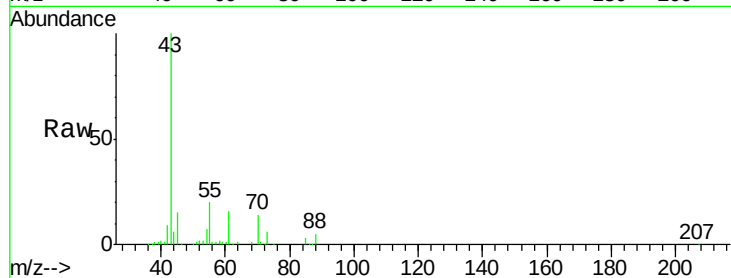




#37
Ethyl Acetate
Concen: 20.017 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

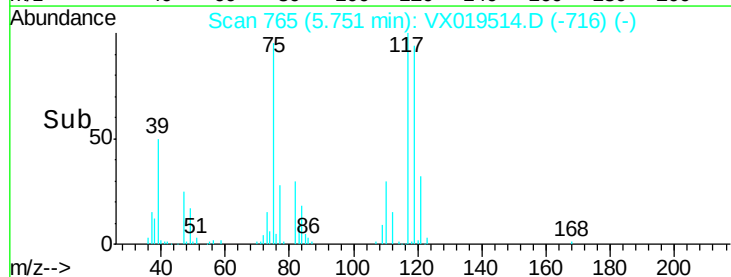
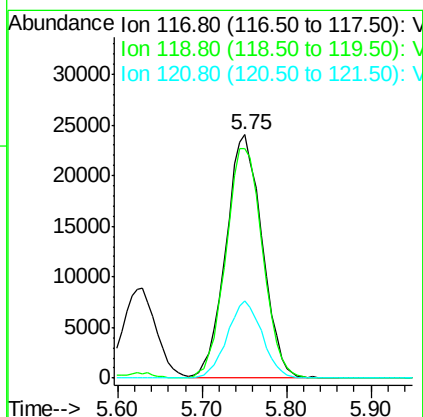
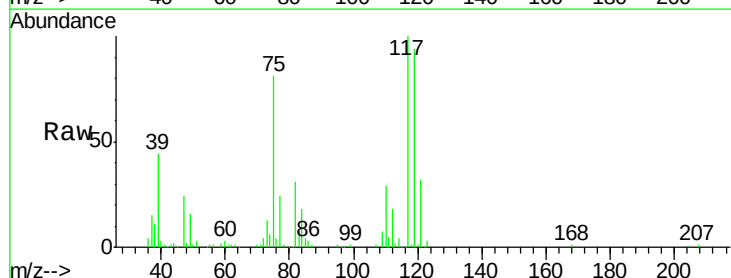
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

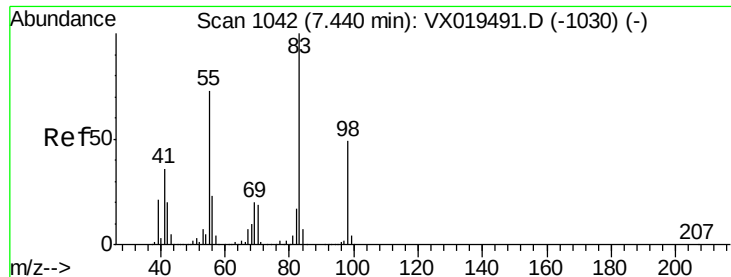
Tot Ion: 43 Resp: 75385
Ion Ratio Lower Upper
43 100
61 16.5 12.7 19.1
70 13.1 10.2 15.2



#38
Carbon Tetrachloride
Concen: 18.103 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion: 117 Resp: 70291
Ion Ratio Lower Upper
117 100
119 94.2 75.9 113.9
121 31.8 24.0 36.0

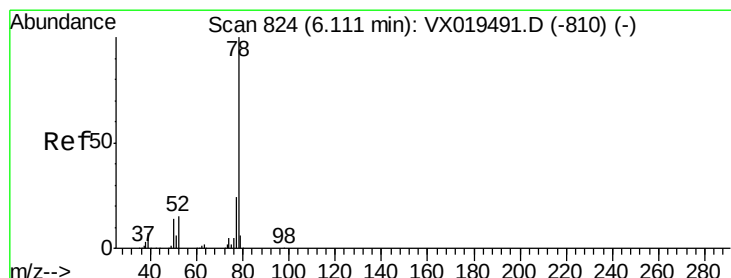
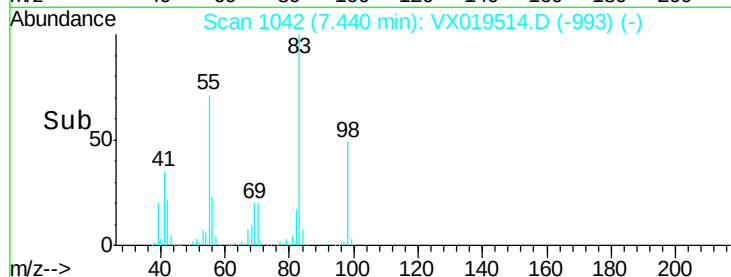
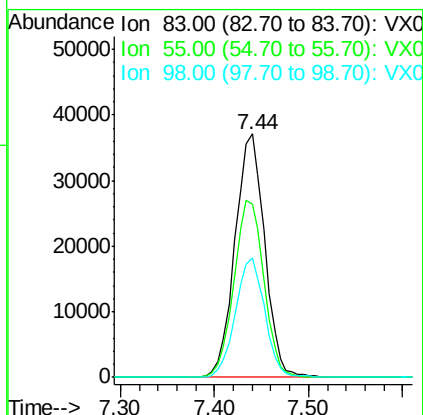
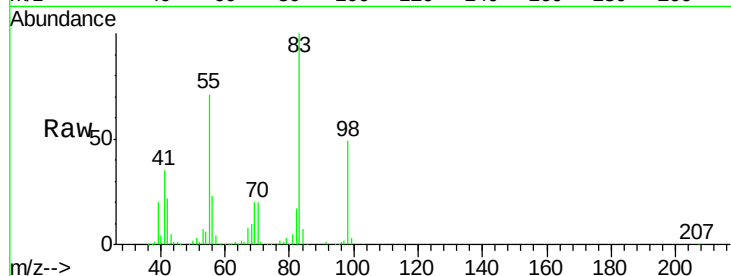




#39
Methylvlcyclohexane
Concen: 17.383 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

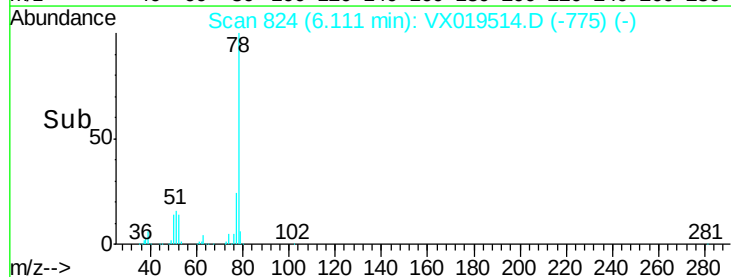
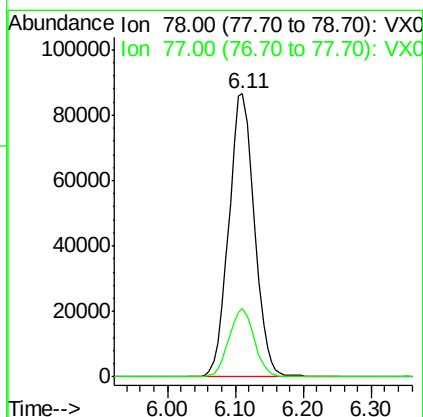
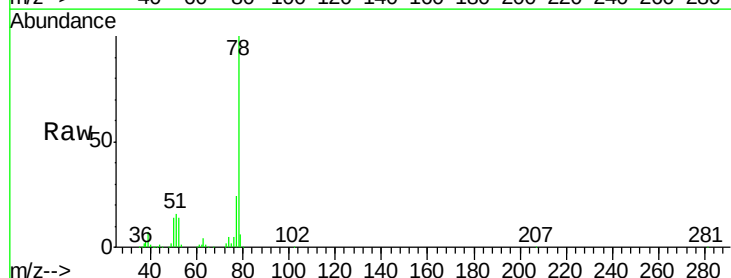
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

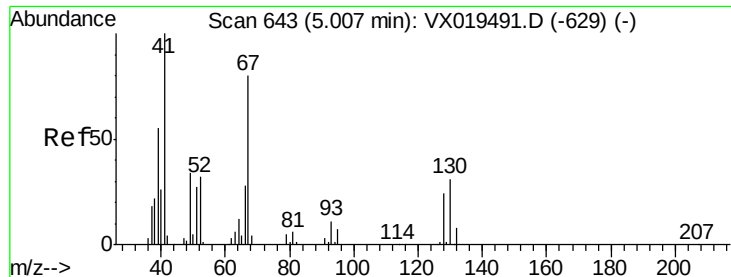
Tot Ion	83	Resp	81193
Ion	Ratio	Lower	Upper
83	100		
55	71.3	58.3	87.5
98	49.0	38.9	58.3



#40
Benzene
Concen: 18.416 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion	78	Resp	226981
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3





#41

Methacrylonitrile

Concen: 19.350 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 41 Resp: 40184

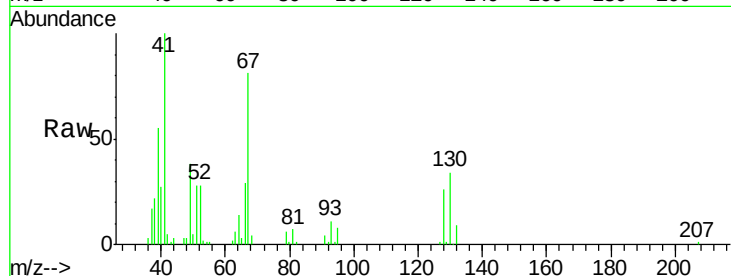
Ion Ratio Lower Upper

41 100

39 55.2 43.3 64.9

67 85.0 66.0 99.0

52 33.3 25.4 38.2

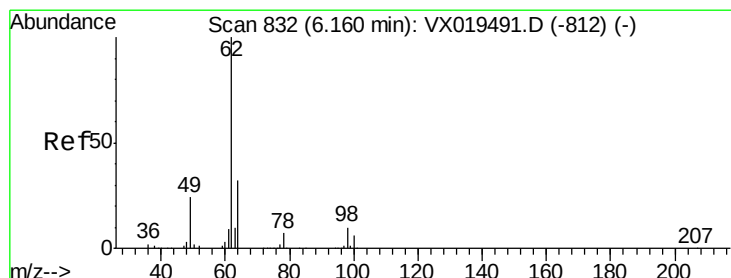
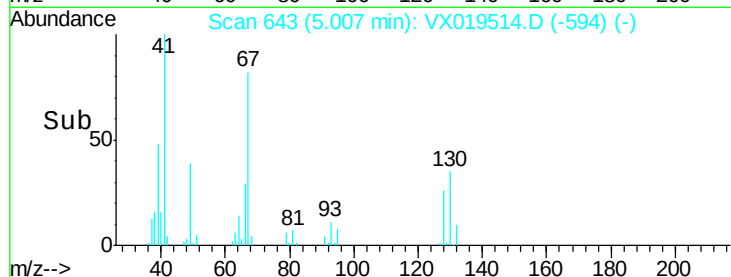
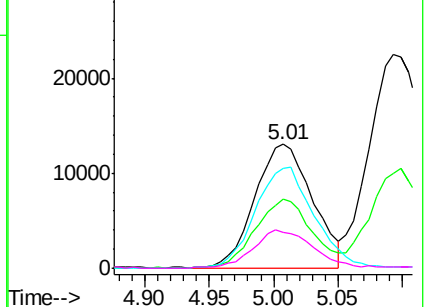


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.832 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019514.D

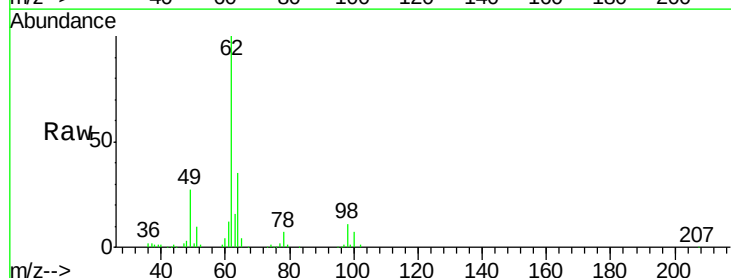
Acq: 21 Nov 2020 00:03

Tgt Ion: 62 Resp: 79556

Ion Ratio Lower Upper

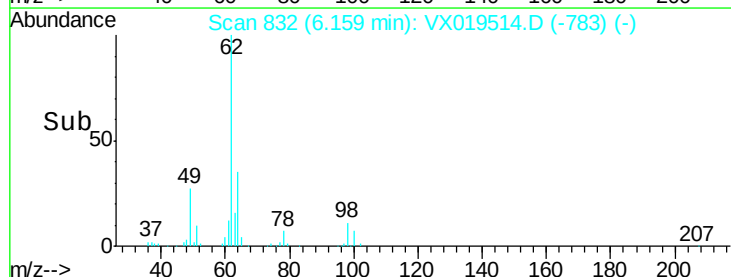
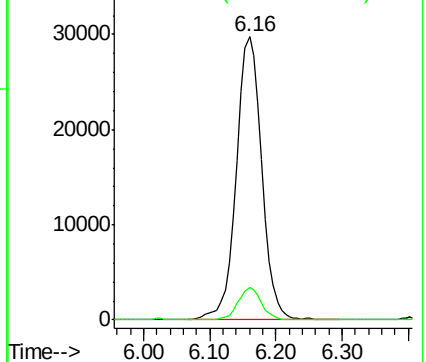
62 100

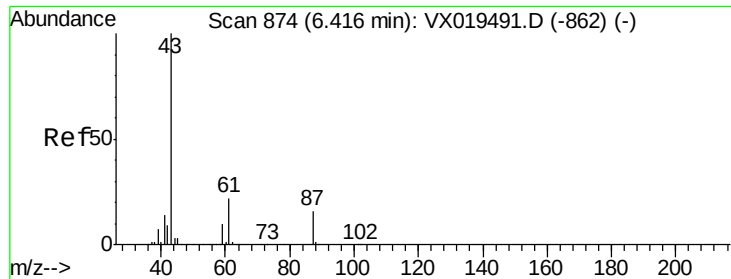
98 10.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.105 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

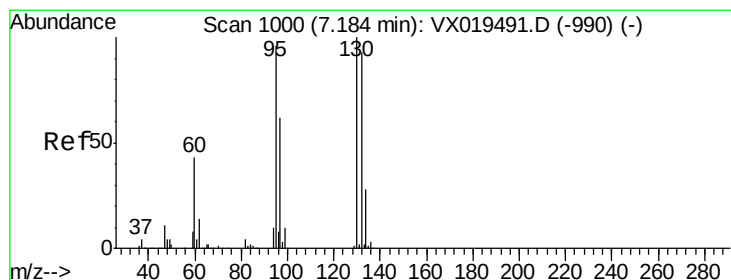
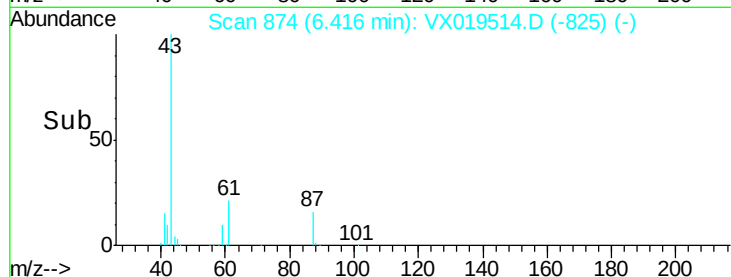
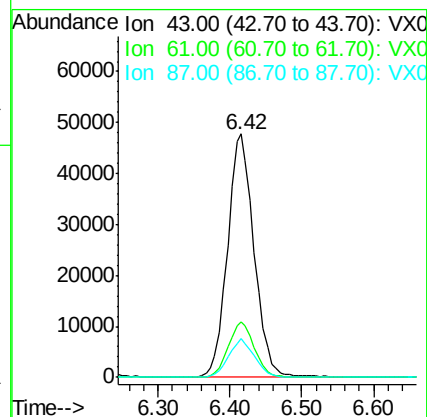
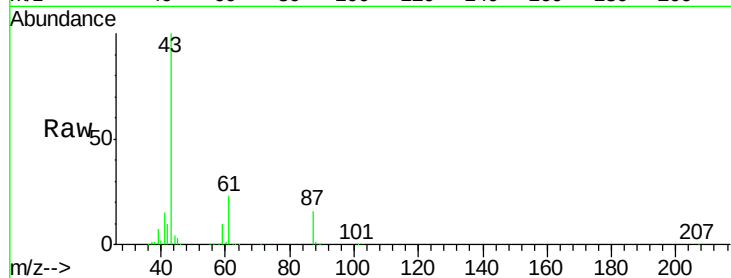
Tot Ion: 43 Resp: 120949

Ion Ratio Lower Upper

43 100

61 22.6 18.2 27.2

87 15.6 12.6 18.8



#44

Trichloroethene

Concen: 18.186 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019514.D

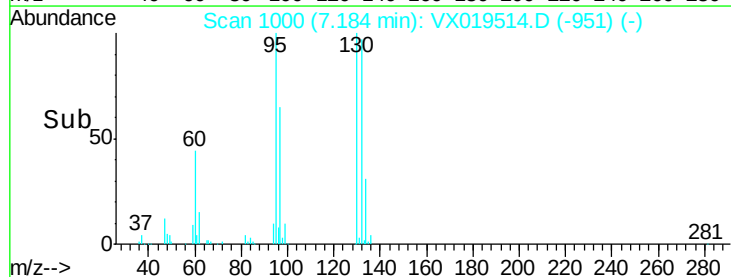
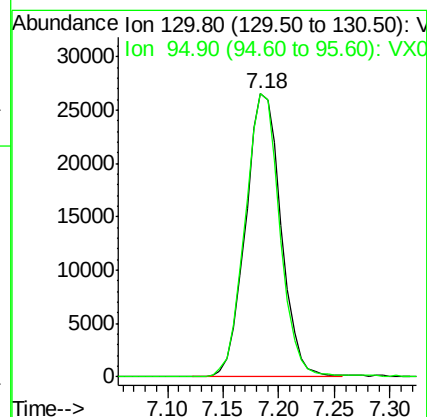
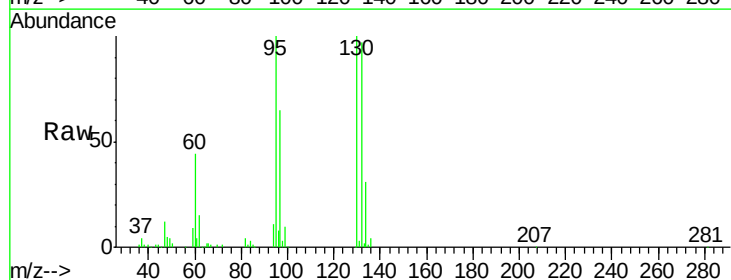
Acq: 21 Nov 2020 00:03

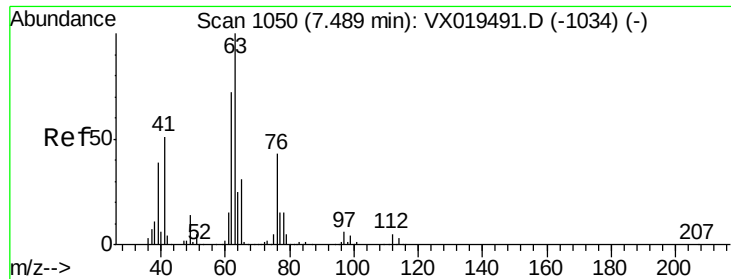
Tgt Ion:130 Resp: 58714

Ion Ratio Lower Upper

130 100

95 100.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.852 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

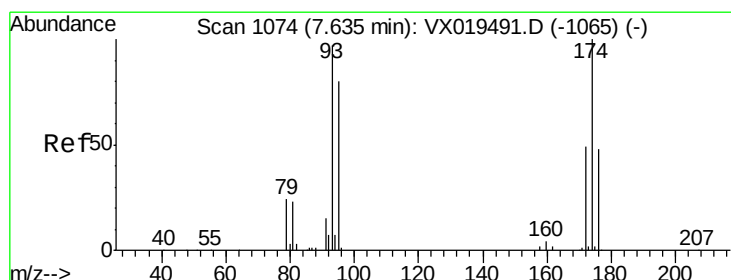
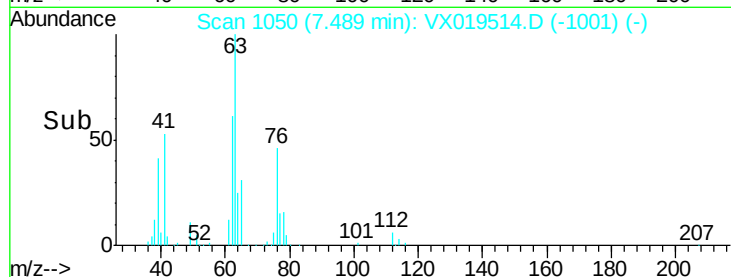
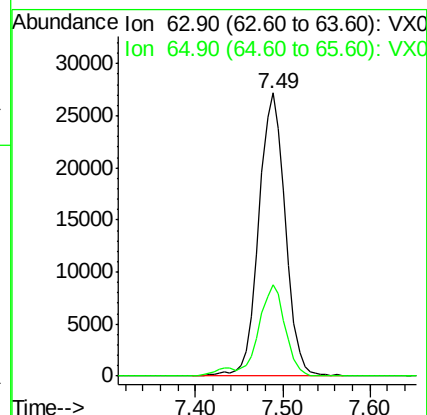
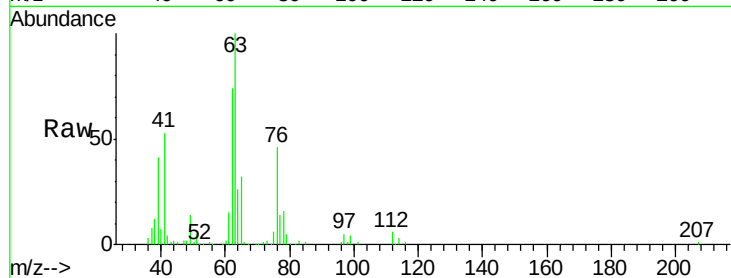
VX1121WBSD02

Tot Ion: 63 Resp: 57202

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 19.218 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

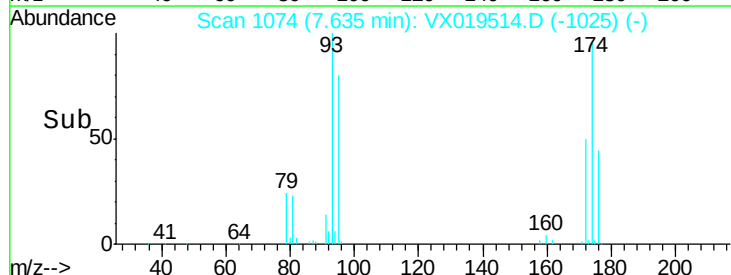
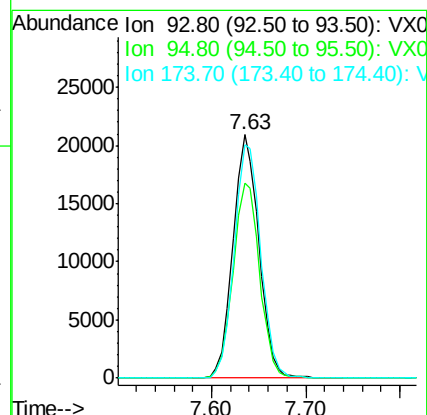
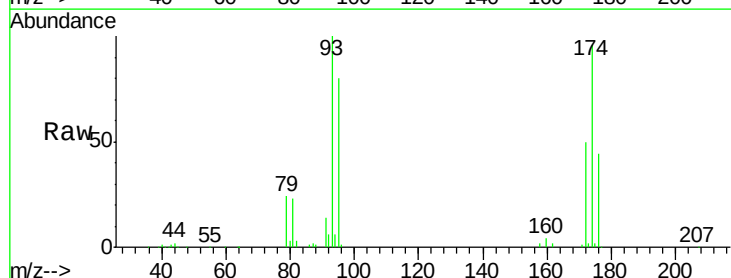
Tgt Ion: 93 Resp: 39911

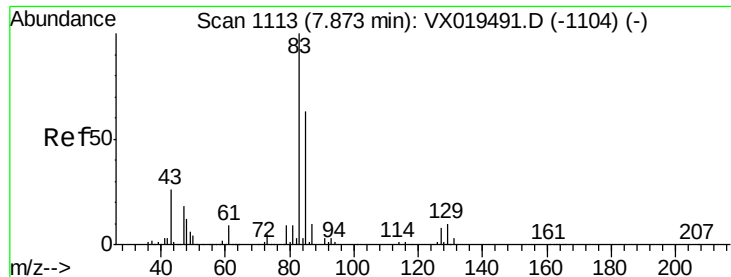
Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

174 98.3 83.0 124.4





#47

Bromodichloromethane

Concen: 18.805 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

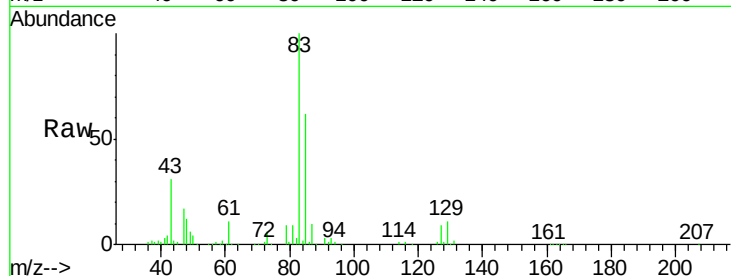
Tot Ion: 83 Resp: 75782

Ion Ratio Lower Upper

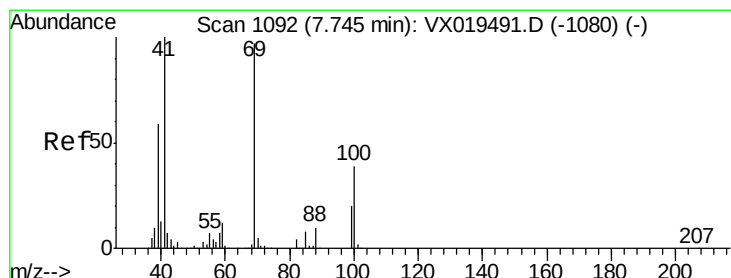
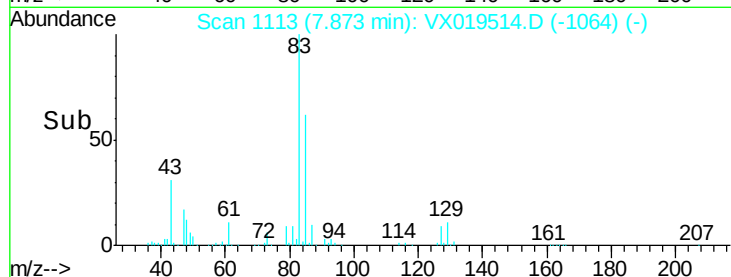
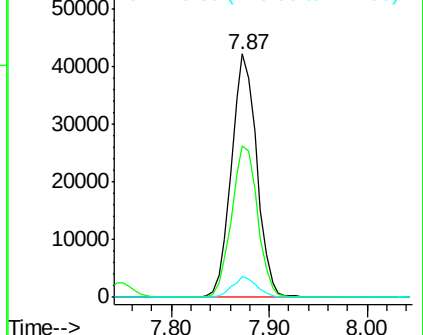
83 100

85 62.2 50.2 75.2

127 8.6 6.4 9.6



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



#48

Methyl methacrylate

Concen: 19.617 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

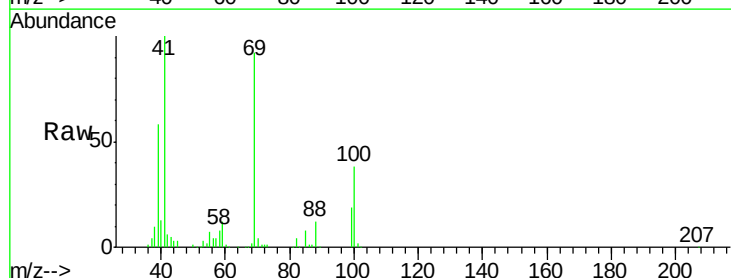
Tgt Ion: 41 Resp: 58160

Ion Ratio Lower Upper

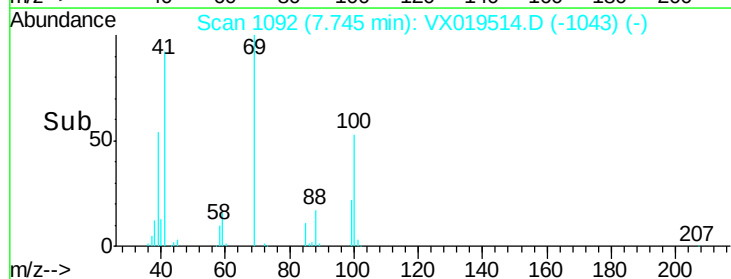
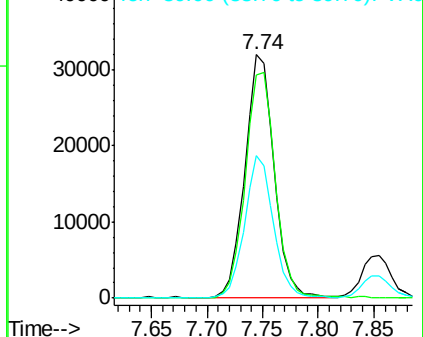
41 100

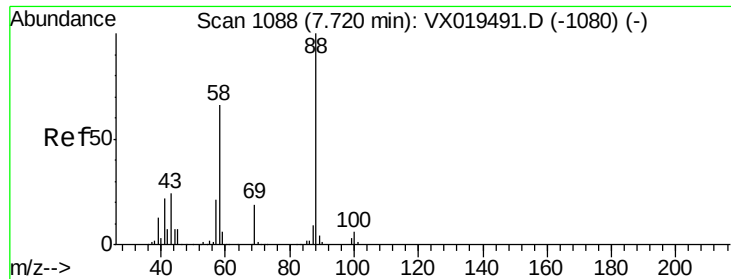
69 96.3 77.0 115.6

39 57.3 45.6 68.4



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

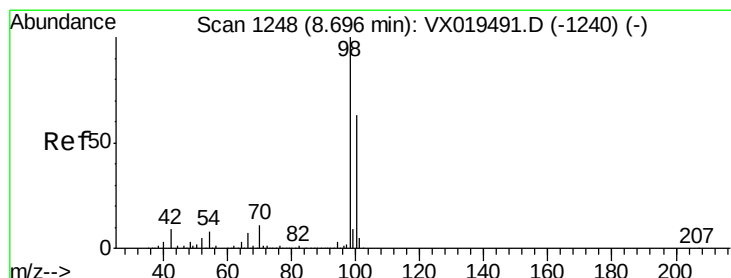
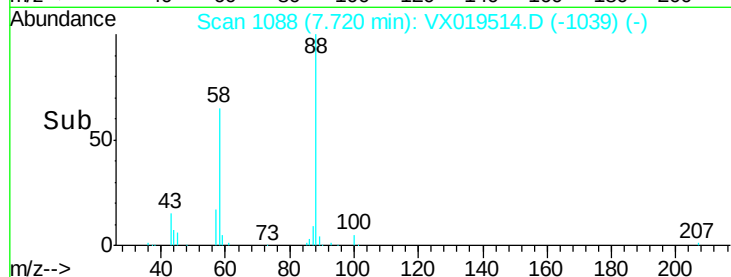
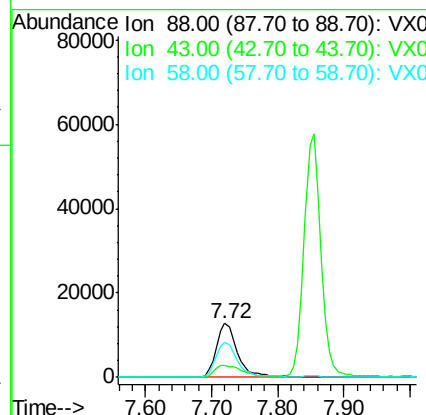
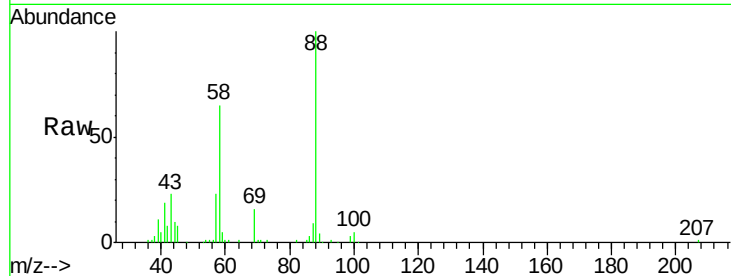




#49
 1,4-Dioxane
 Concen: 428.497 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

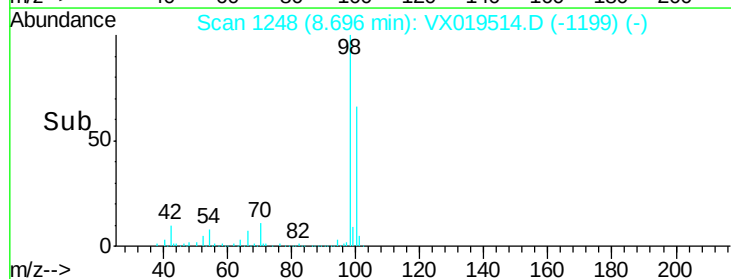
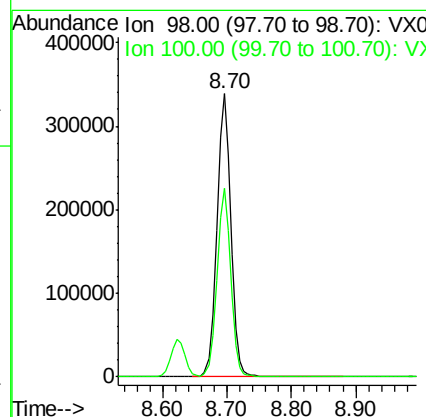
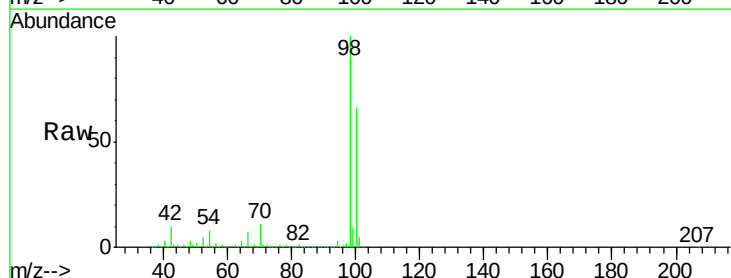
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

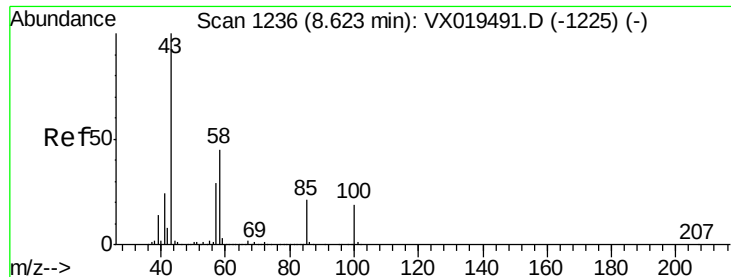
Tot Ion	88	Resp	28845
Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.8	35.6
58	65.5	54.2	81.2



#50
 Toluene-d8
 Concen: 49.454 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	98	Resp	516160
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6

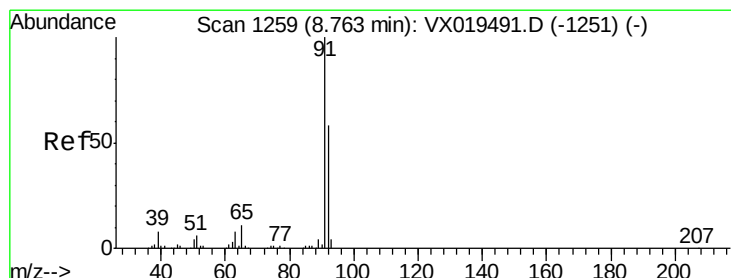
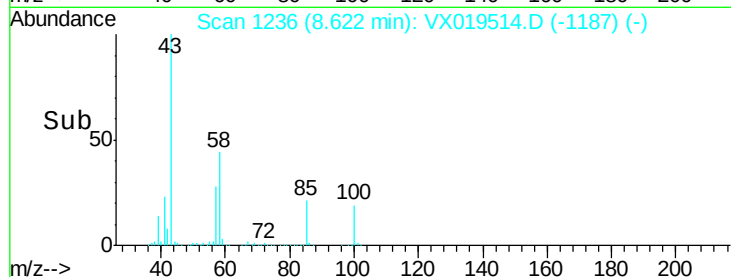
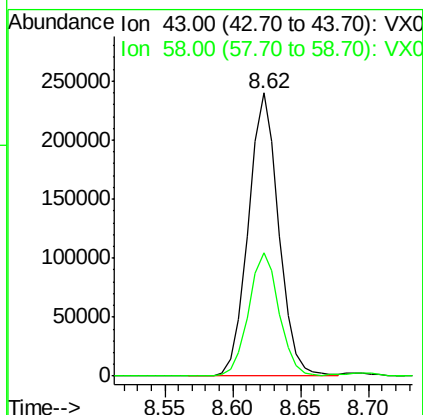
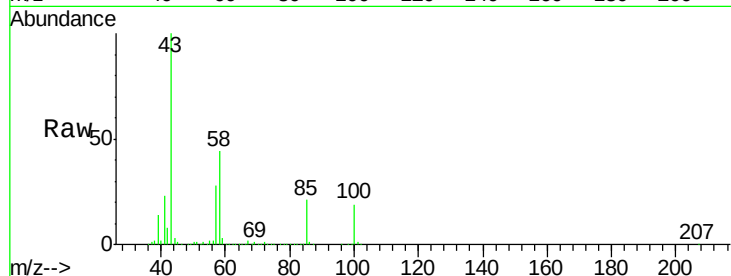




#51
 4-Methyl-2-Pentanone
 Concen: 101.752 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

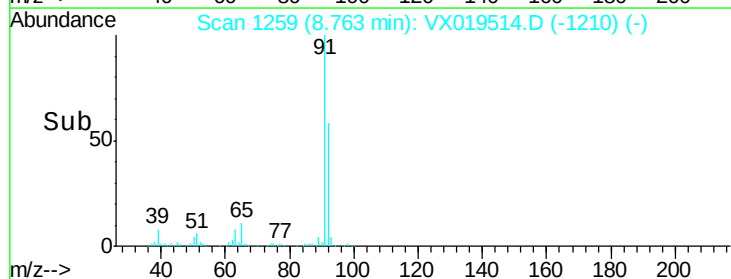
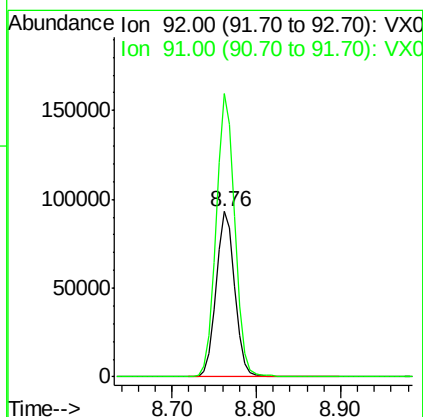
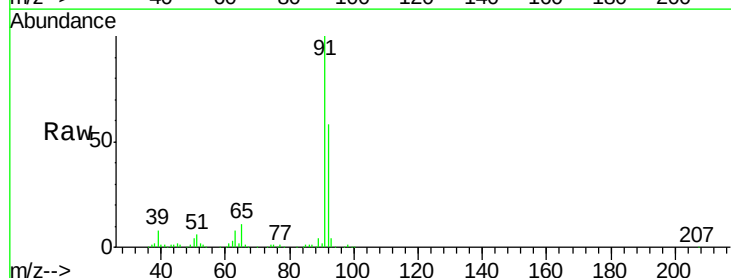
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1121WBSD02

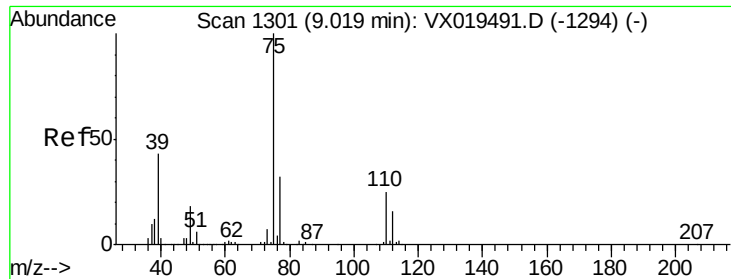
Tot Ion: 43 Resp: 375627
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.1 52.7



#52
 Toluene
 Concen: 19.042 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion: 92 Resp: 143576
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.1 207.1

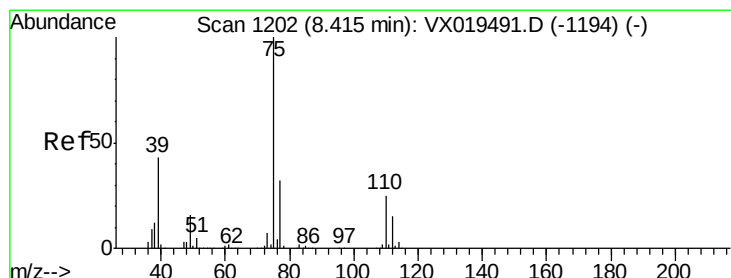
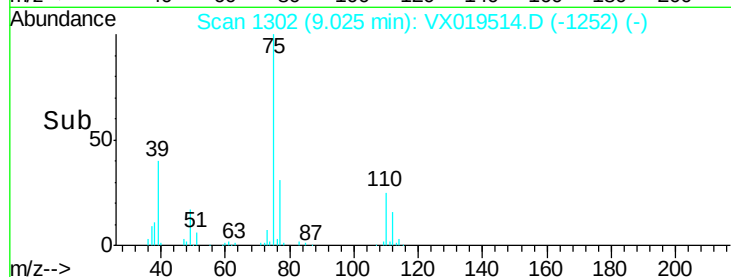
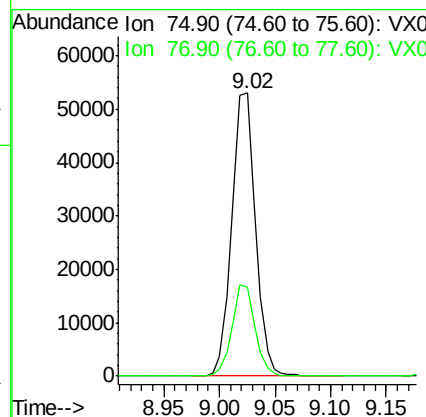
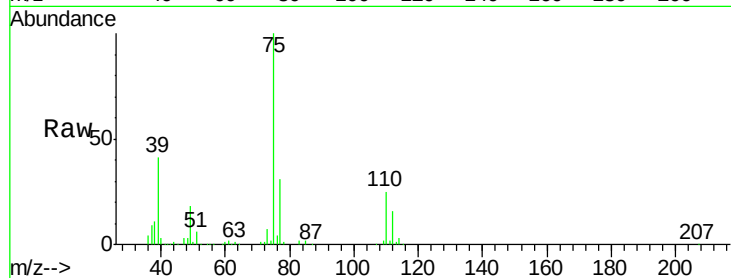




#53
 t-1,3-Dichloropropene
 Concen: 18.016 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

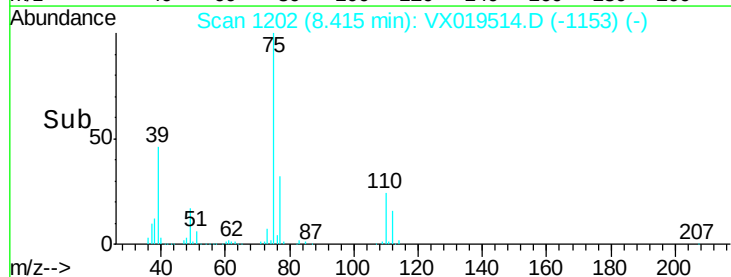
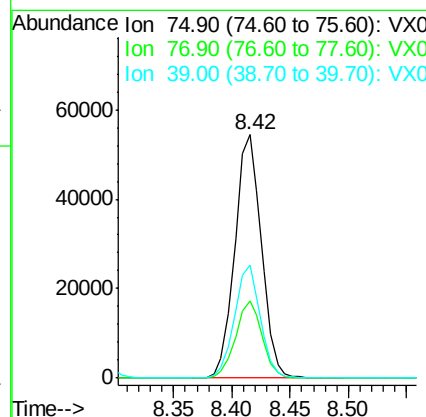
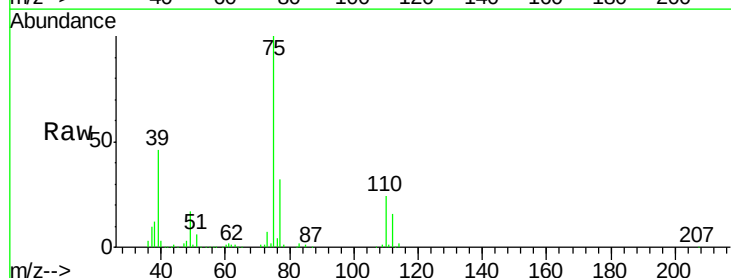
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

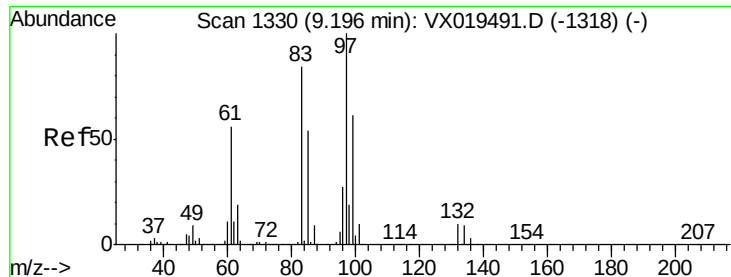
Tot Ion: 75 Resp: 78409
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 17.954 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion: 75 Resp: 86717
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.6
 39 46.2 34.6 51.8





#55

1,1,2-Trichloroethane

Concen: 19.203 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

Tot Ion: 97 Resp: 58967

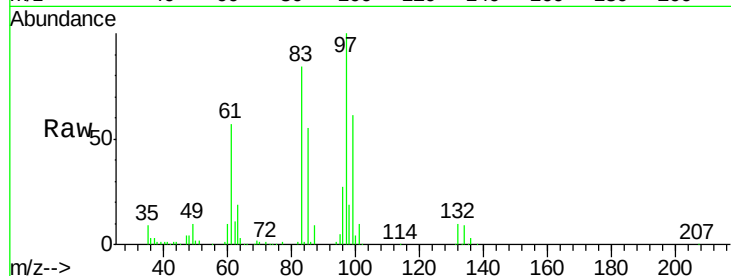
Ion Ratio Lower Upper

97 100

83 84.1 67.0 100.6

85 55.5 43.4 65.0

99 61.4 49.0 73.4



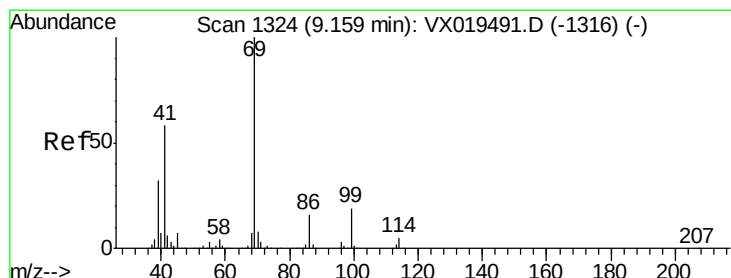
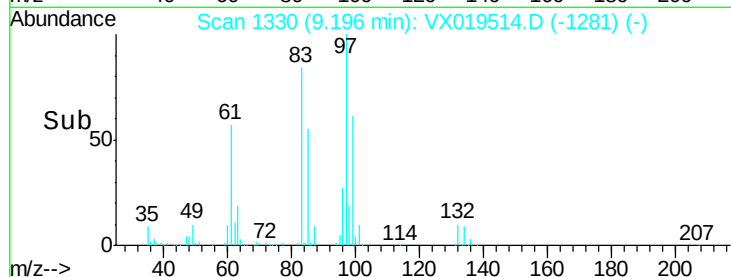
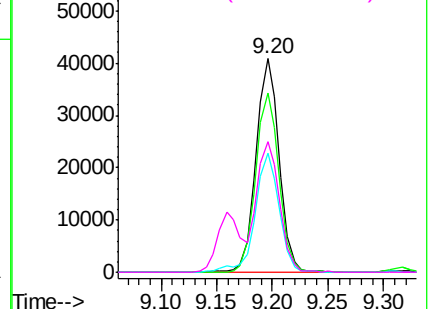
Abundance

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: 19.419 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

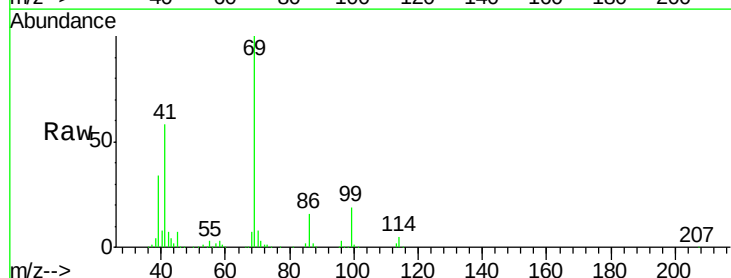
Tgt Ion: 69 Resp: 84379

Ion Ratio Lower Upper

69 100

41 58.4 46.2 69.2

39 32.7 25.5 38.3

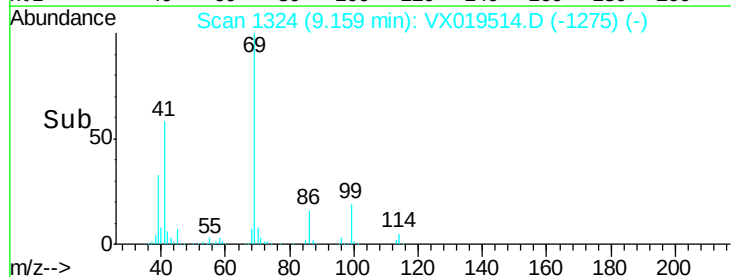
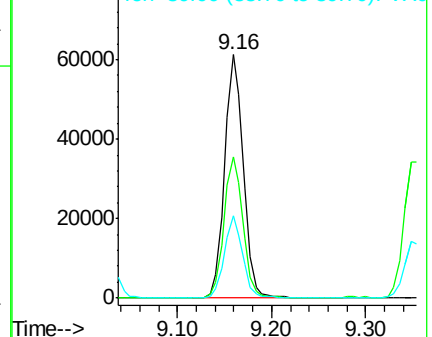


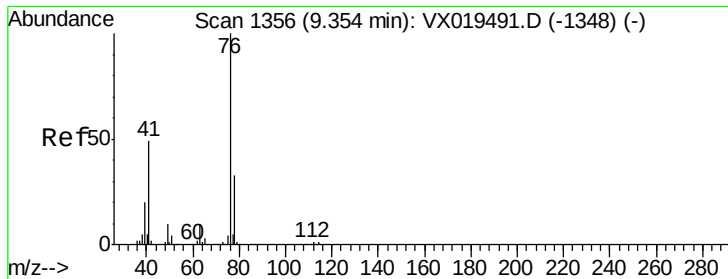
Abundance

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: 19.388 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

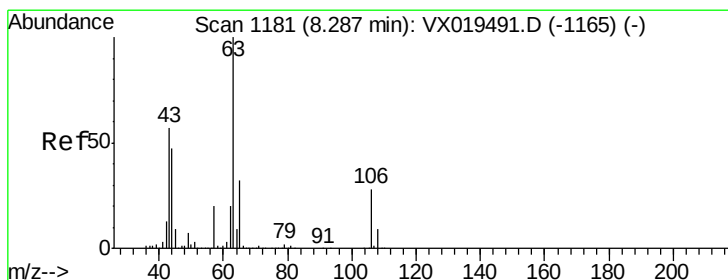
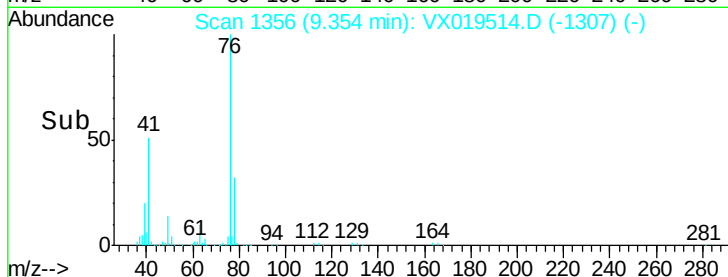
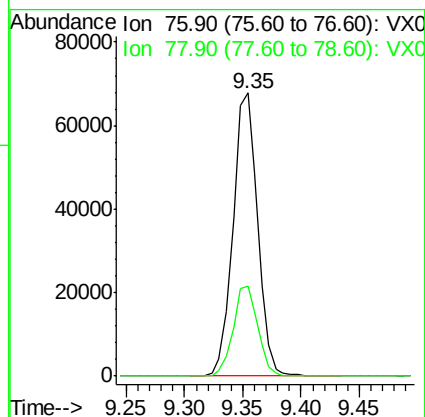
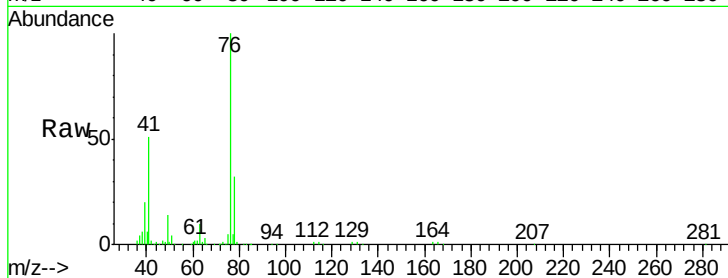
VX1121WBSD02

Tot Ion: 76 Resp: 99679

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 92.868 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019514.D

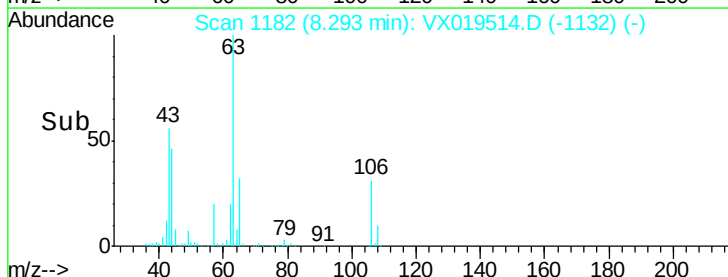
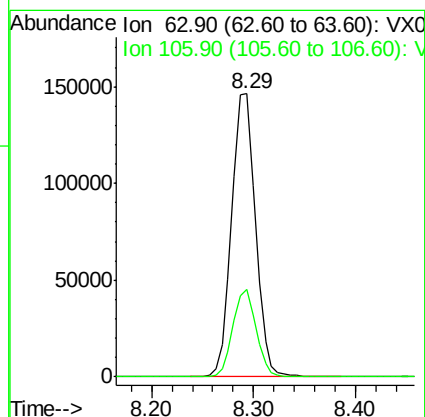
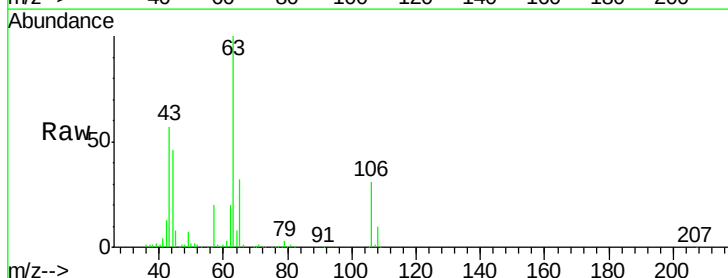
Acq: 21 Nov 2020 00:03

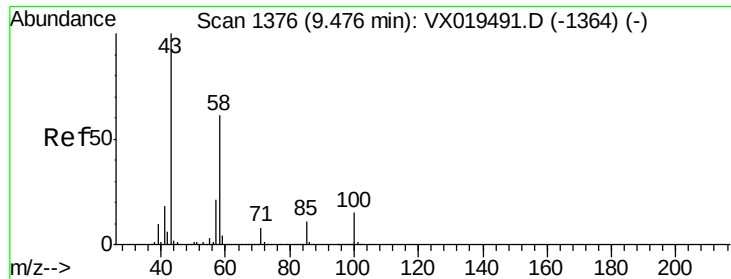
Tgt Ion: 63 Resp: 236449

Ion Ratio Lower Upper

63 100

106 30.0 23.7 35.5

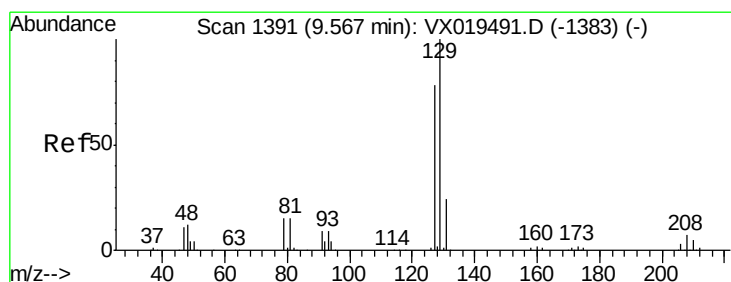
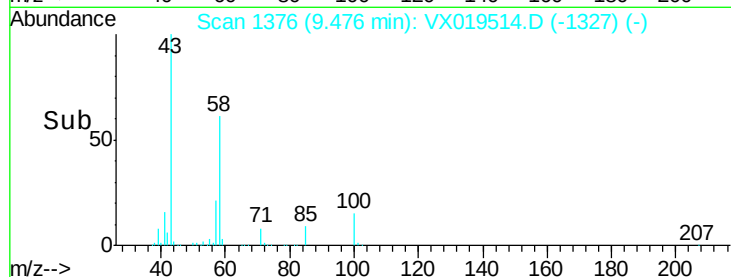
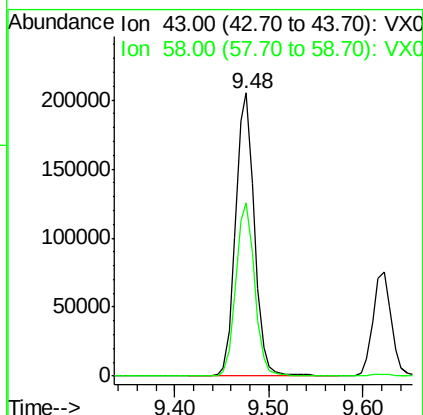
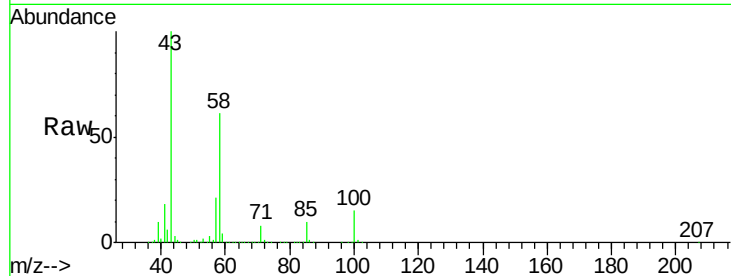




#59
2-Hexanone
Concen: 100.875 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

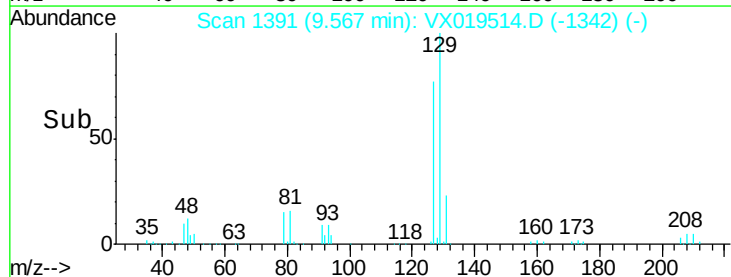
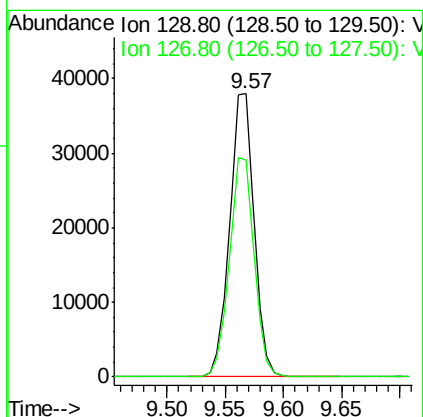
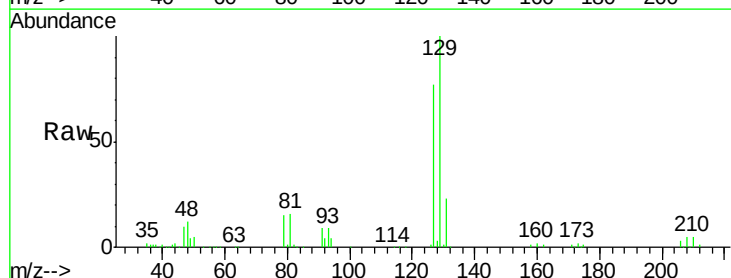
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

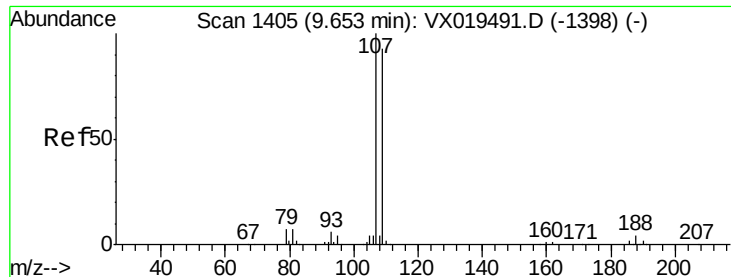
Tot Ion: 43 Resp: 282427
Ion Ratio Lower Upper
43 100
58 61.2 30.6 91.6



#60
Dibromochloromethane
Concen: 18.553 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion: 129 Resp: 55805
Ion Ratio Lower Upper
129 100
127 78.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 19.090 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

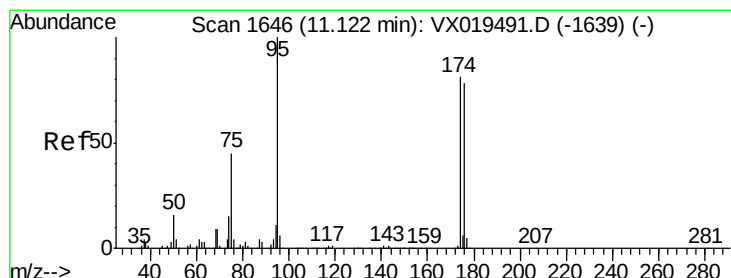
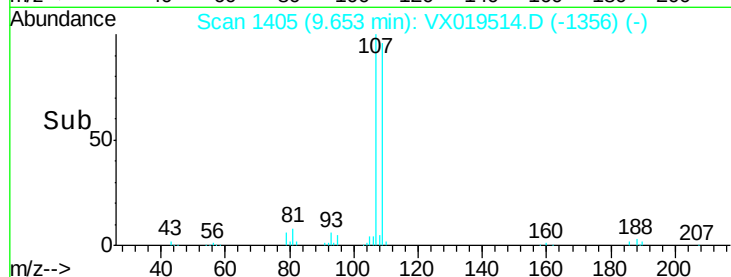
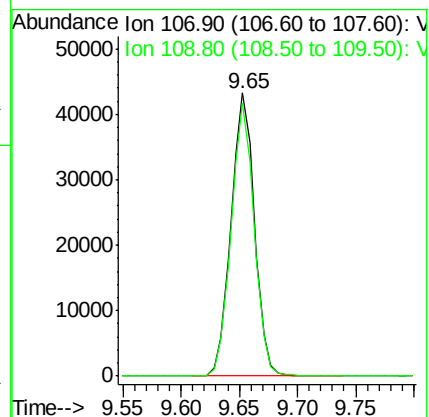
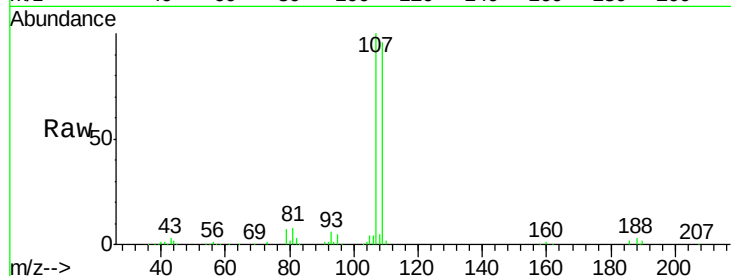
VX1121WBSD02

Tot Ion:107 Resp: 60427

Ion Ratio Lower Upper

107 100

109 95.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.060 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

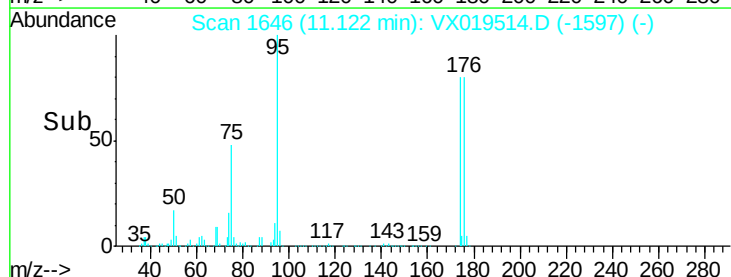
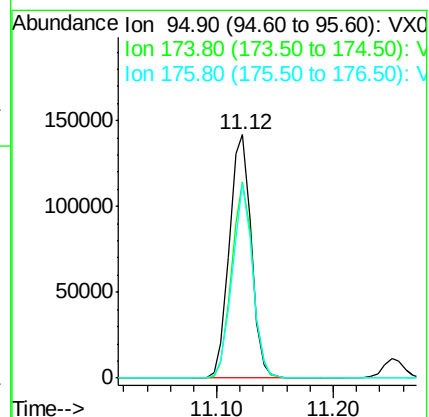
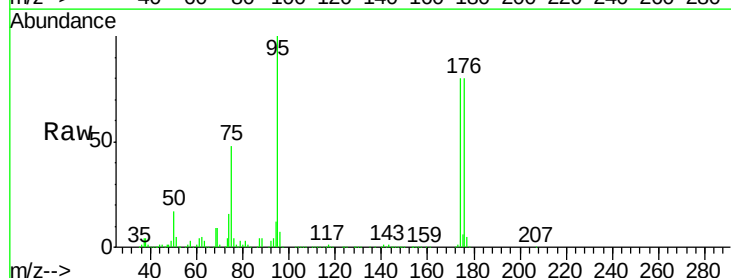
Tgt Ion: 95 Resp: 184226

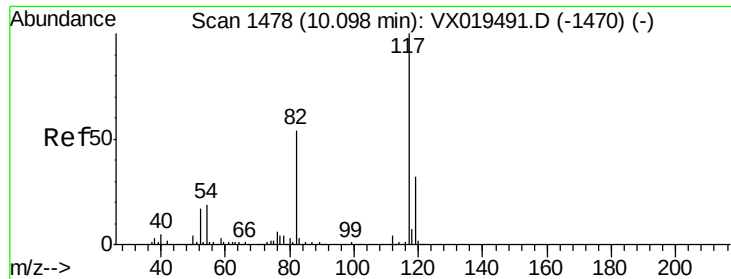
Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

176 74.6 0.0 151.4

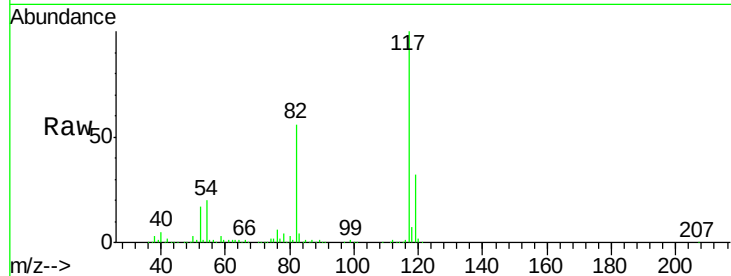




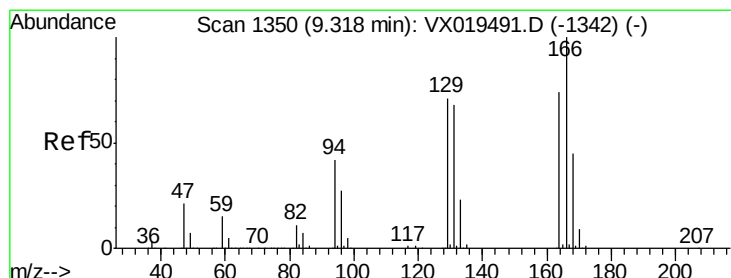
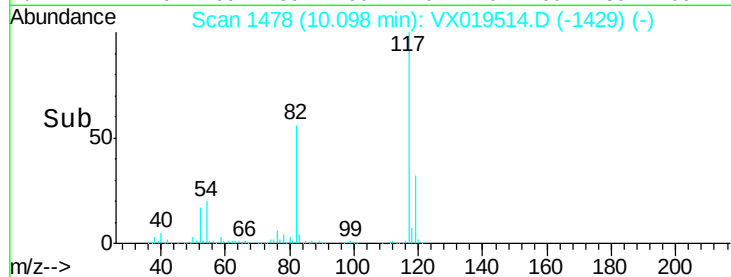
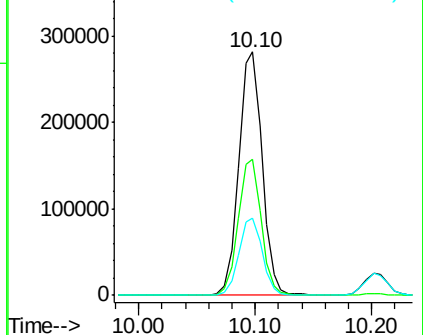
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

Tot Ion:117 Resp: 394125
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.8 25.6 38.4

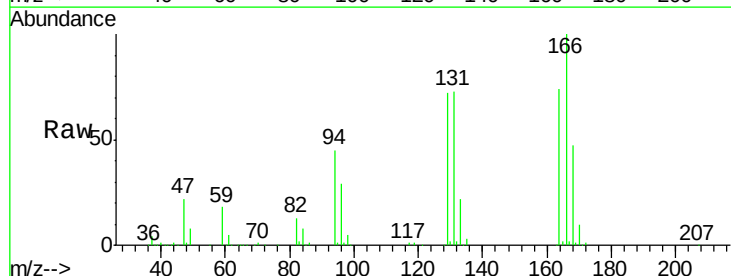


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

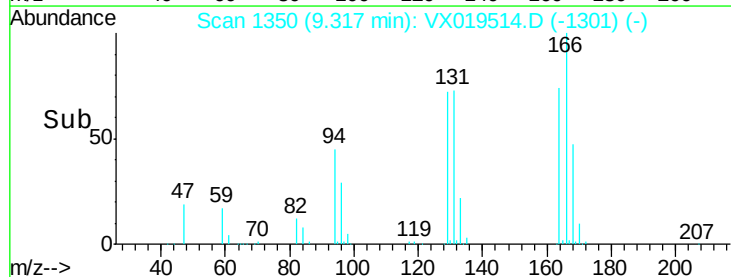
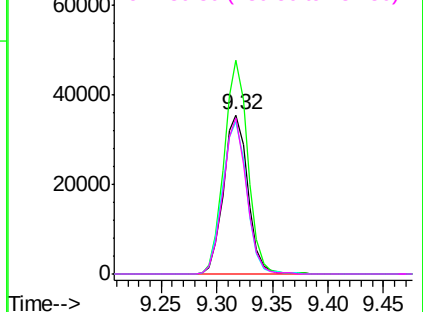


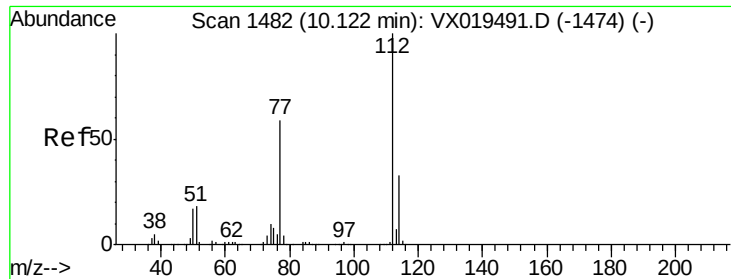
#64
Tetrachloroethene
Concen: 17.329 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion:164 Resp: 53687
Ion Ratio Lower Upper
164 100
166 134.2 107.4 161.0
129 96.1 76.6 114.8
131 97.8 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

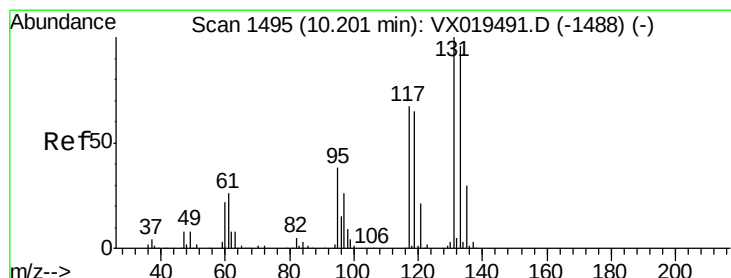
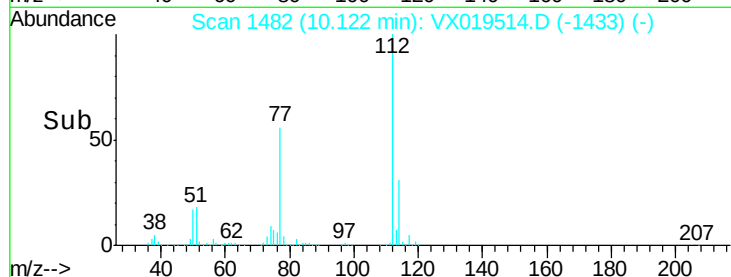
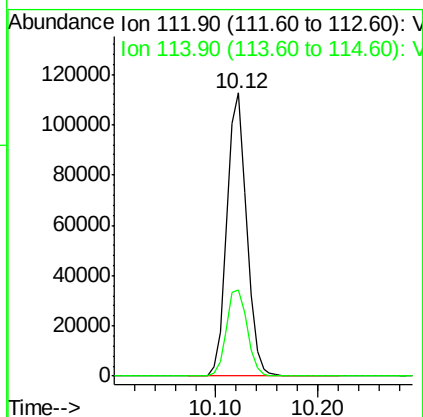
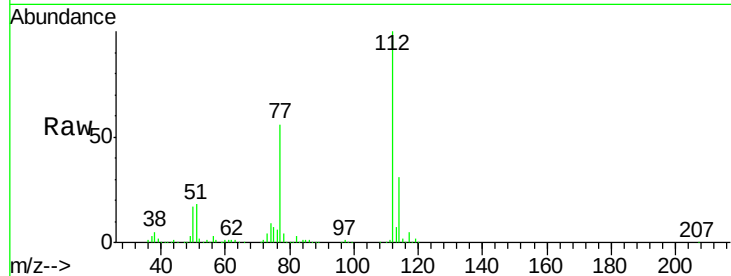




#65
Chlorobenzene
Concen: 18.516 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

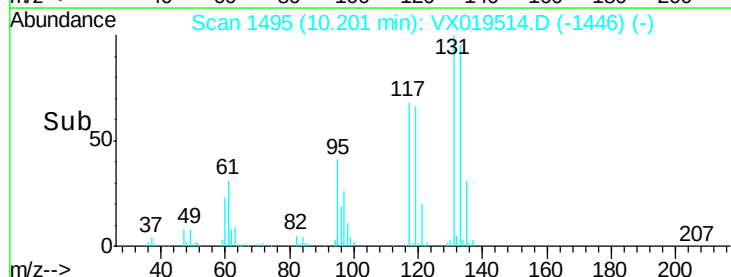
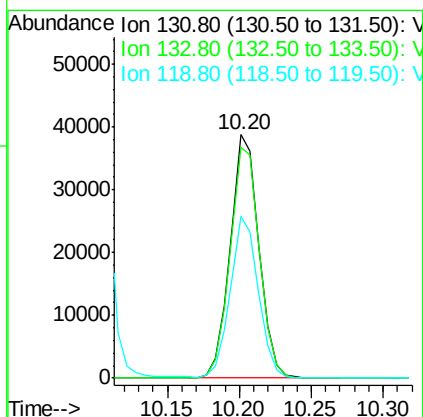
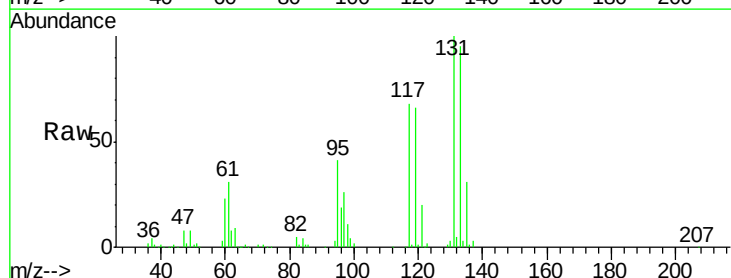
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

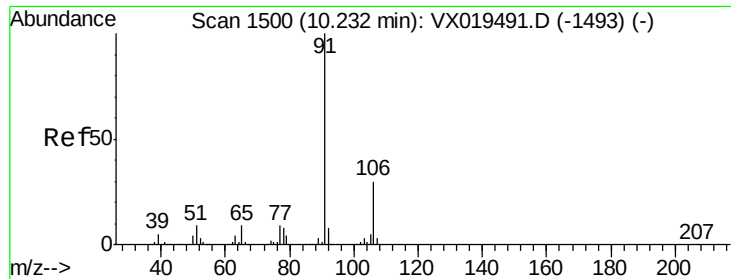
Tot Ion:112 Resp: 150039
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.385 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion:131 Resp: 54189
Ion Ratio Lower Upper
131 100
133 96.9 48.5 145.5
119 65.1 33.0 99.0





#67

Ethyl Benzene

Concen: 18.690 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

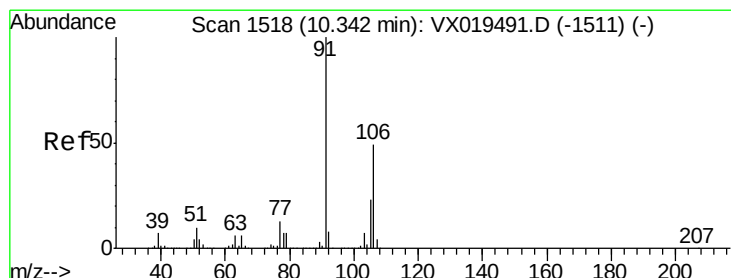
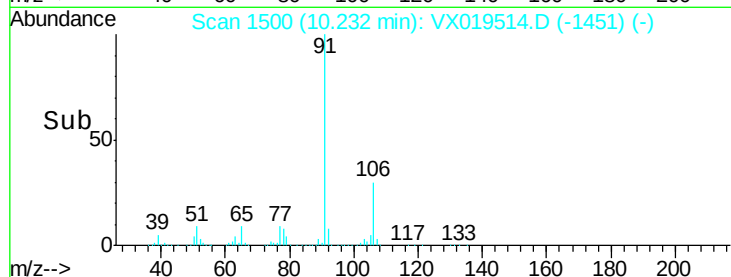
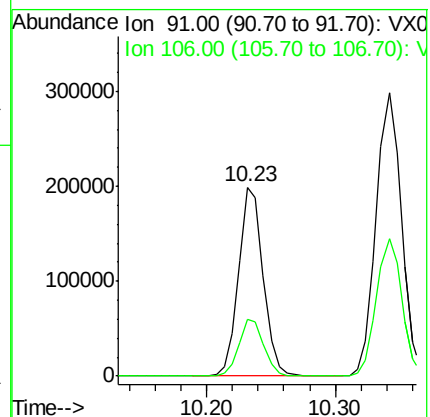
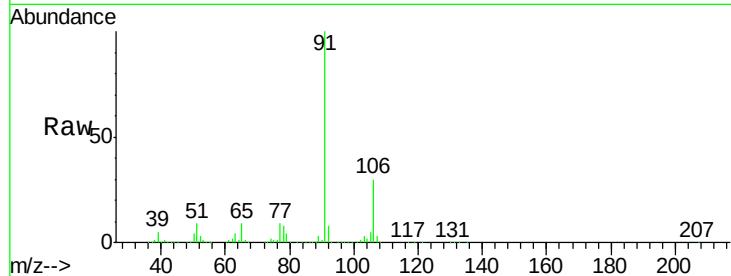
VX1121WBSD02

Tot Ion: 91 Resp: 265313

Ion Ratio Lower Upper

91 100

106 30.3 24.0 36.0



#68

m/p-Xylenes

Concen: 37.525 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019514.D

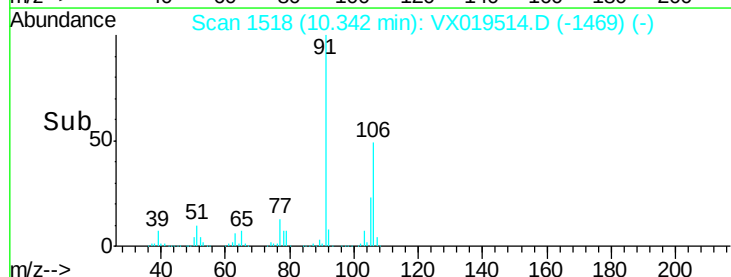
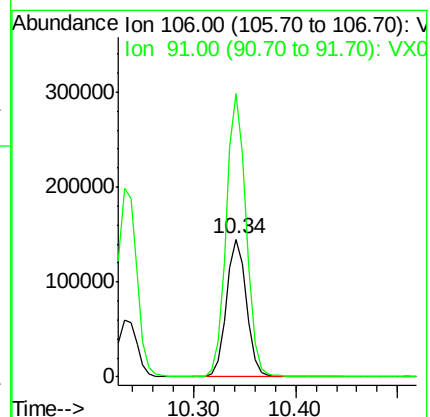
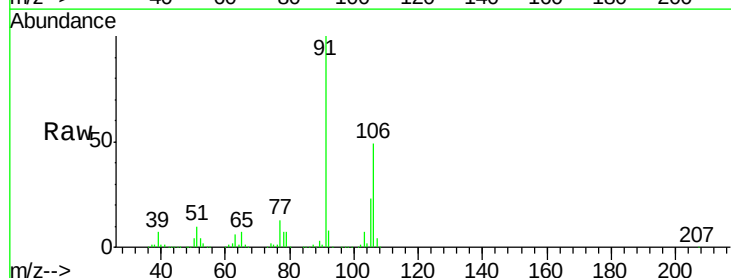
Acq: 21 Nov 2020 00:03

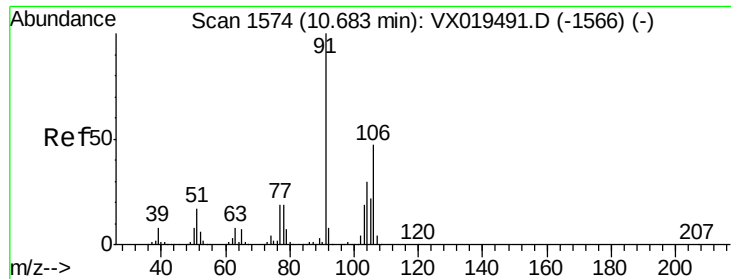
Tgt Ion: 106 Resp: 198460

Ion Ratio Lower Upper

106 100

91 204.2 163.3 244.9

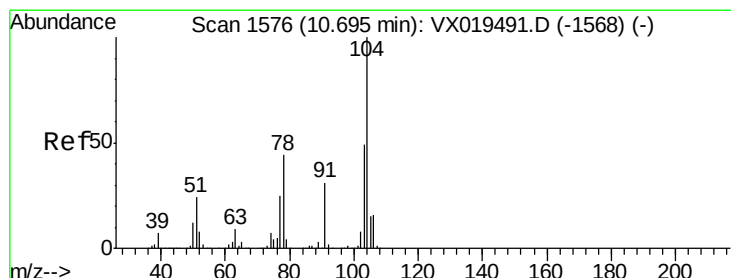
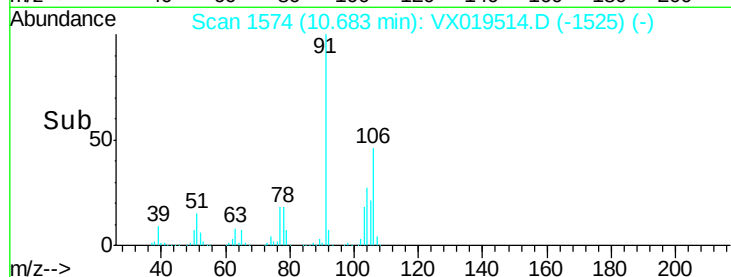
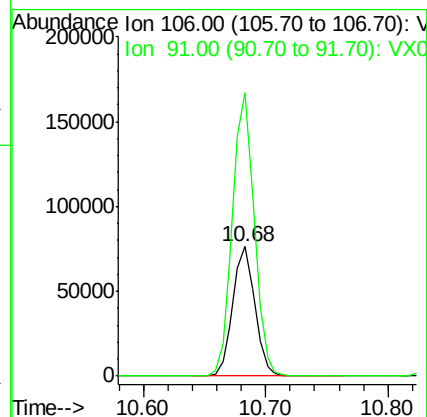
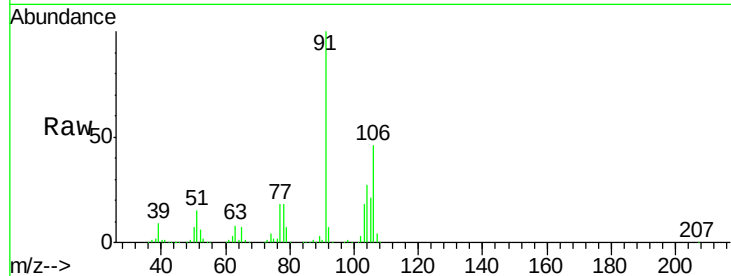




#69
o-Xylene
Concen: 18.852 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

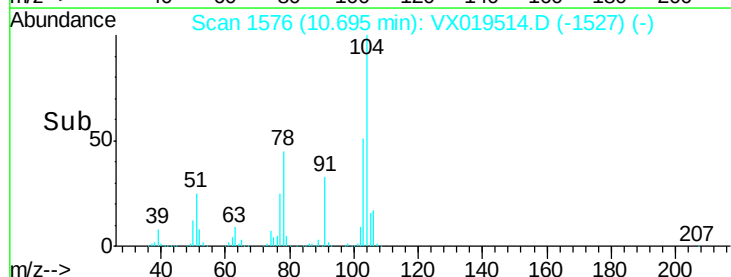
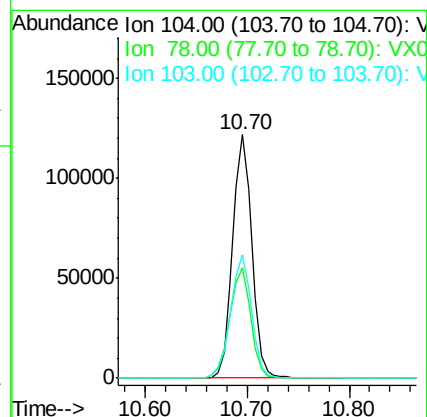
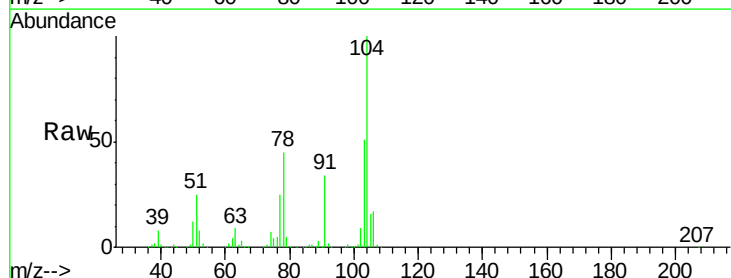
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

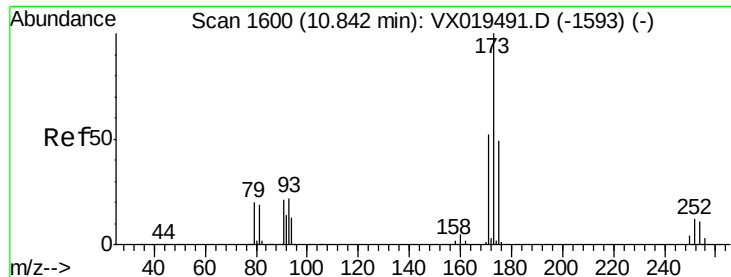
Tot Ion:106 Resp: 95310
Ion Ratio Lower Upper
106 100
91 217.2 108.0 324.0



#70
Styrene
Concen: 17.989 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion:104 Resp: 158153
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 54.9 43.6 65.4





#71

Bromoform

Concen: 17.868 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

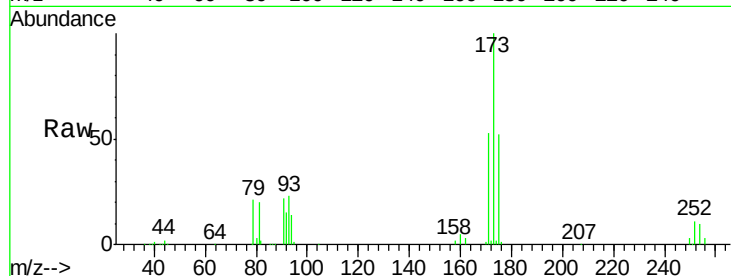
Tot Ion:173 Resp: 38385

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.8

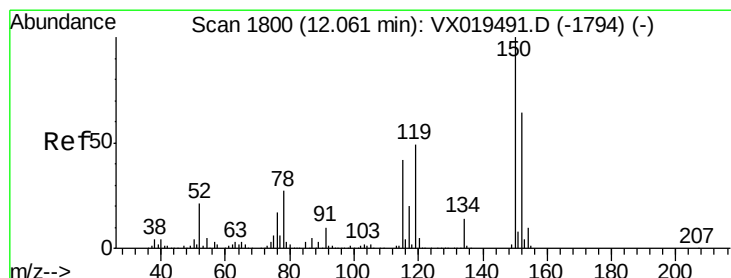
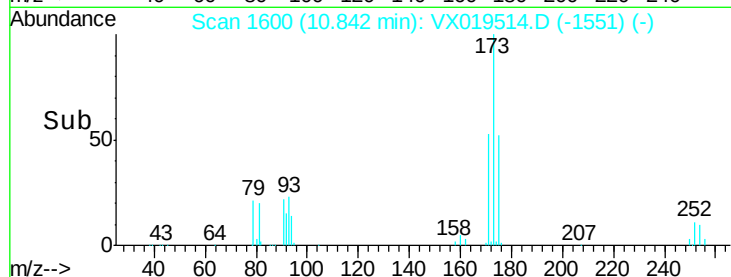
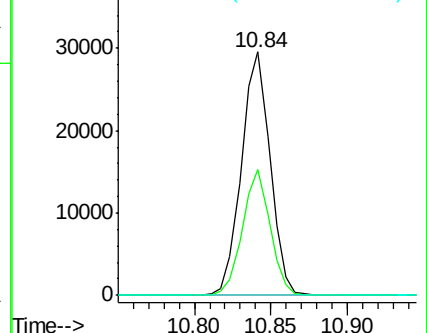
254 0.0 0.1 0.1#



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: VX019514.D

Acq: 21 Nov 2020 00:03

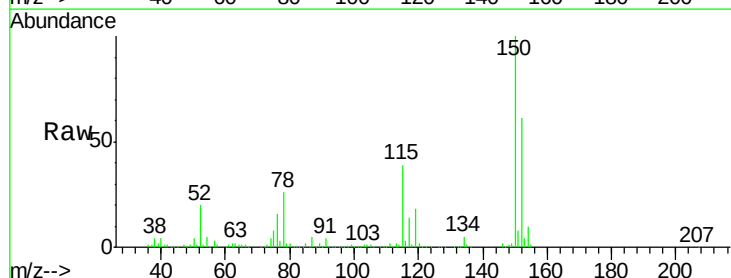
Tgt Ion:152 Resp: 183513

Ion Ratio Lower Upper

152 100

115 70.4 41.8 125.4

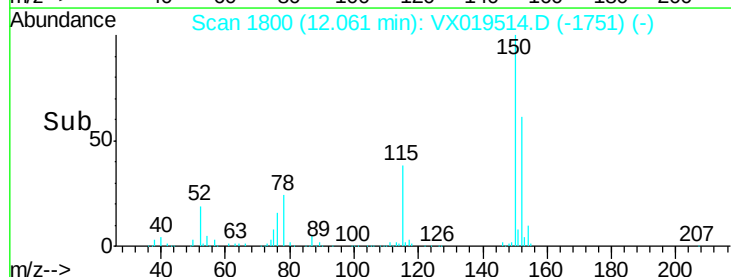
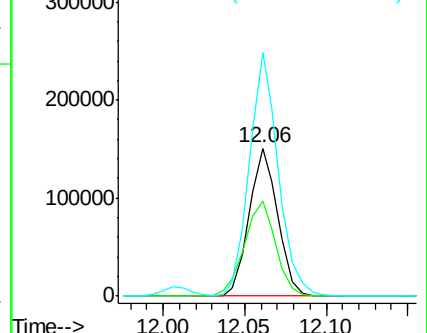
150 167.8 0.0 348.2

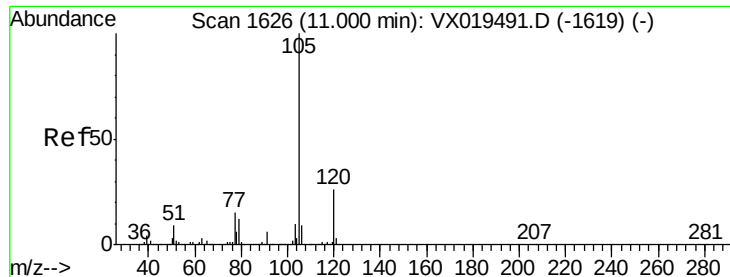


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.055 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

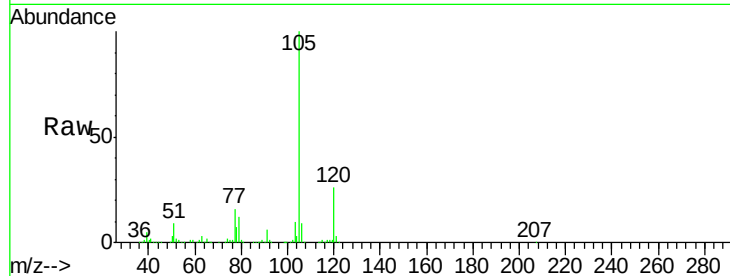
VX1121WBSD02

Tot Ion:105 Resp: 254603

Ion Ratio Lower Upper

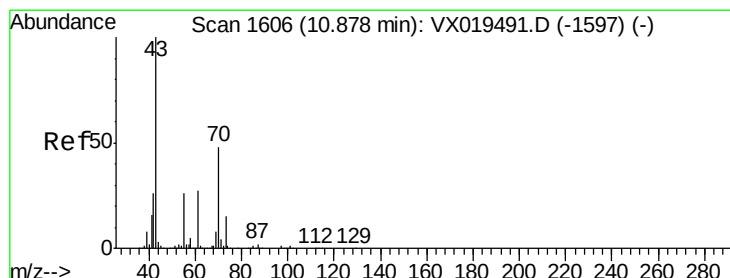
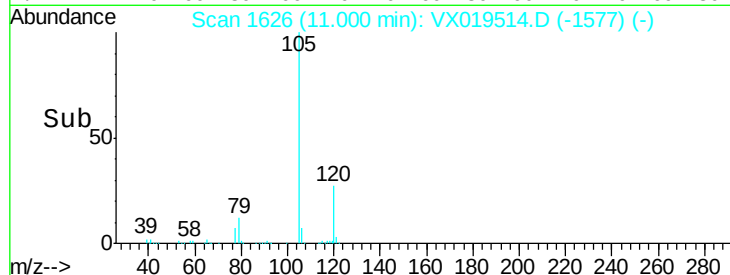
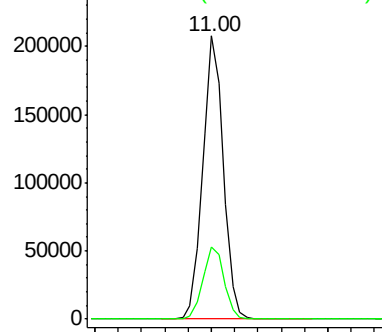
105 100

120 26.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.555 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Tgt Ion: 43 Resp: 97782

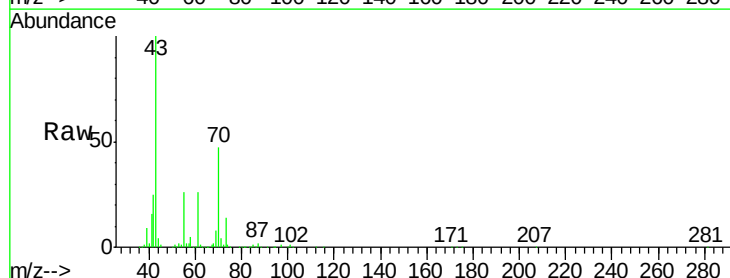
Ion Ratio Lower Upper

43 100

70 48.9 39.7 59.5

55 27.1 21.8 32.6

61 27.0 22.2 33.4

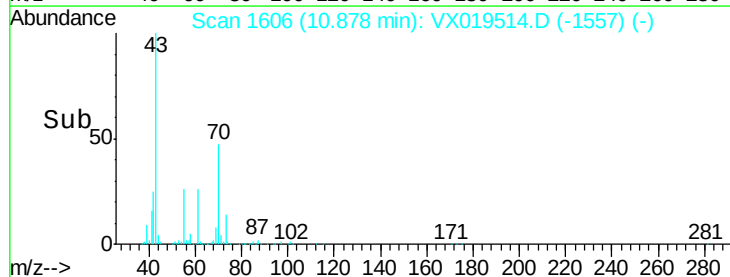
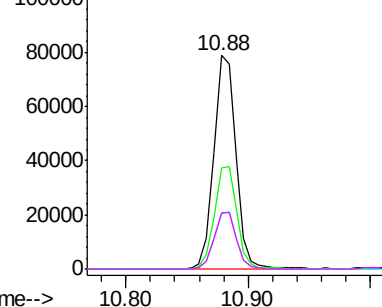


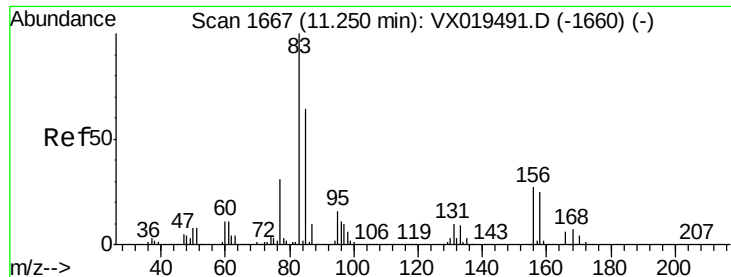
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.169 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

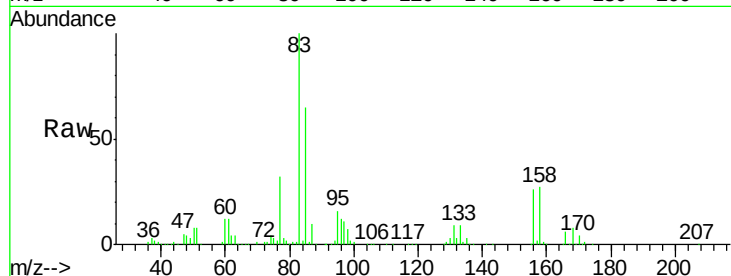
Tot Ion: 83 Resp: 91565

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

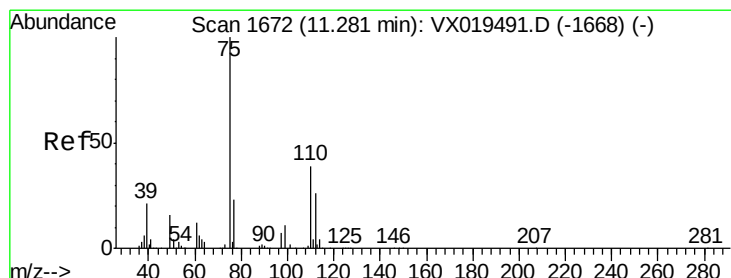
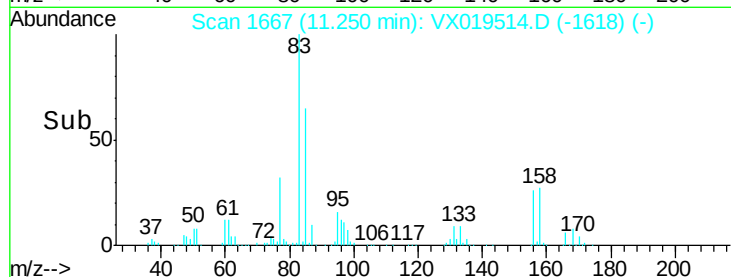
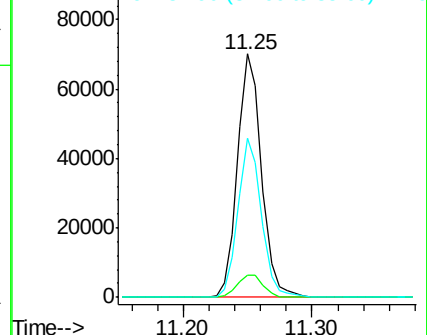
85 64.1 32.4 97.2



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: 24.190 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019514.D

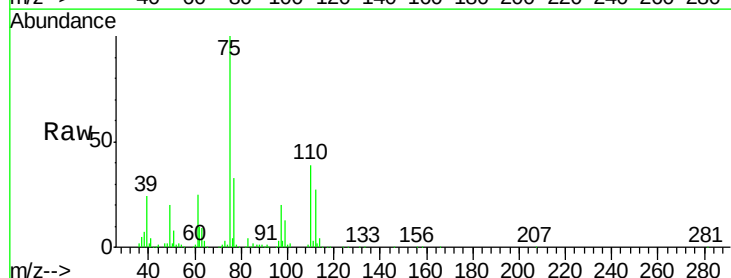
Acq: 21 Nov 2020 00:03

Tgt Ion: 75 Resp: 96878

Ion Ratio Lower Upper

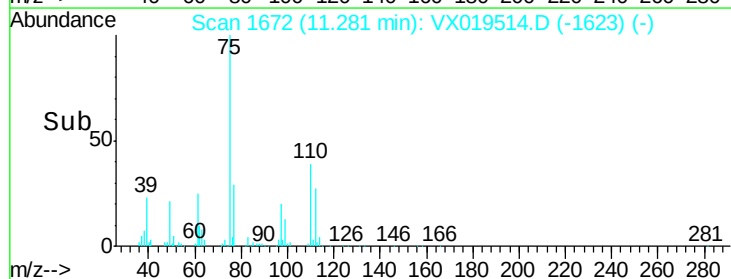
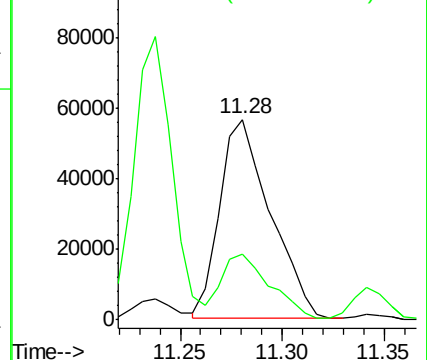
75 100

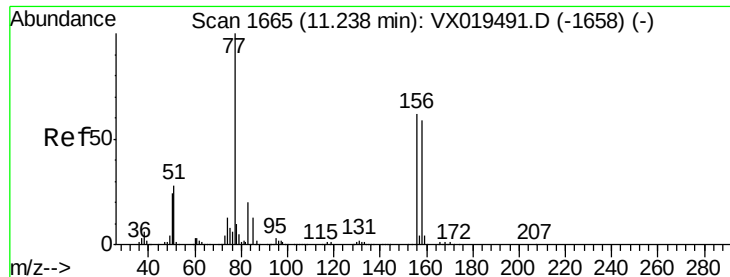
77 32.5 20.0 60.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.521 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

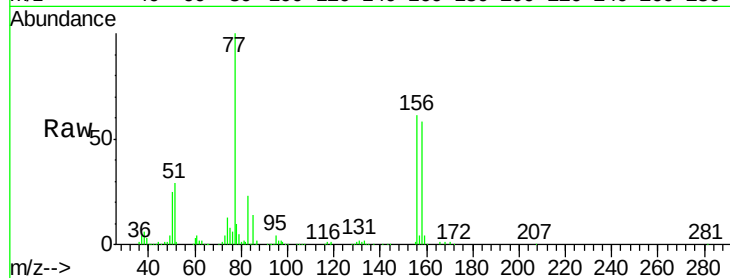
Tot Ion:156 Resp: 63264

Ion Ratio Lower Upper

156 100

77 165.8 82.5 247.3

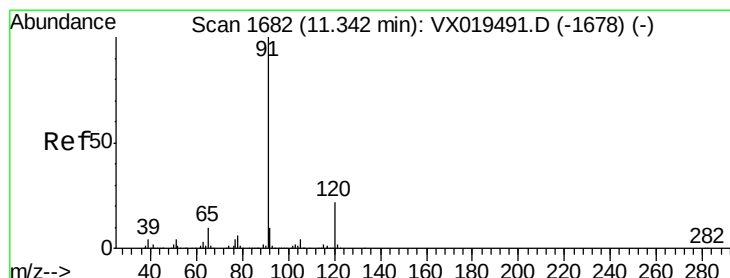
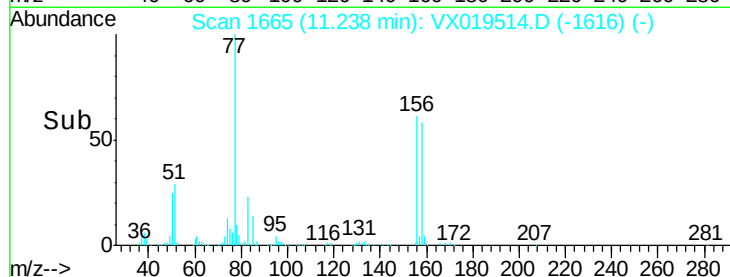
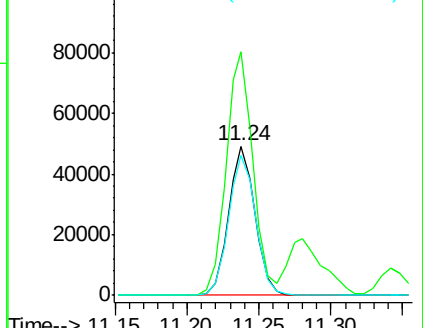
158 96.3 48.9 146.7



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: 19.617 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019514.D

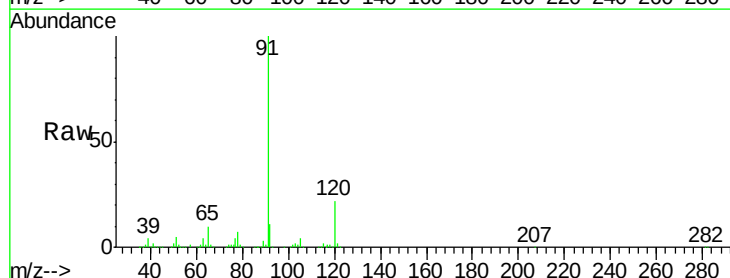
Acq: 21 Nov 2020 00:03

Tgt Ion: 91 Resp: 285696

Ion Ratio Lower Upper

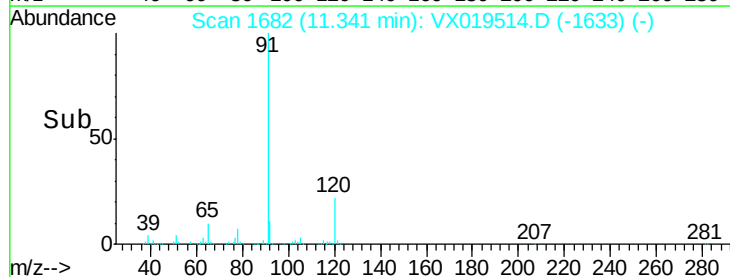
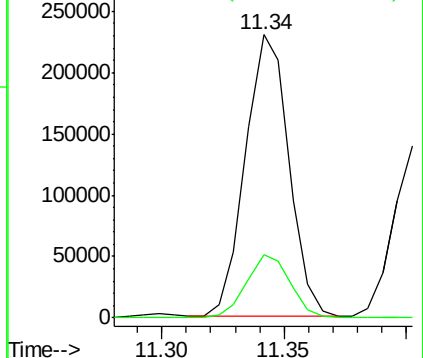
91 100

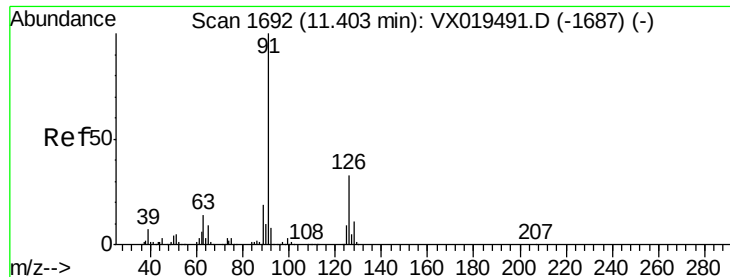
120 22.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.071 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

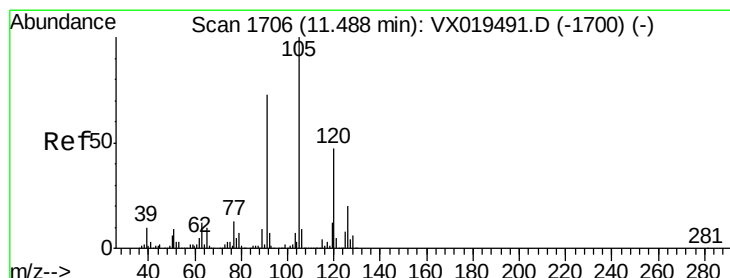
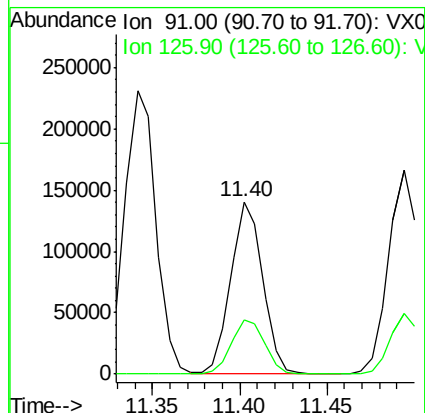
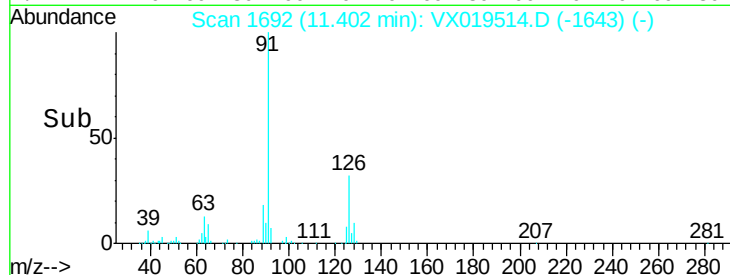
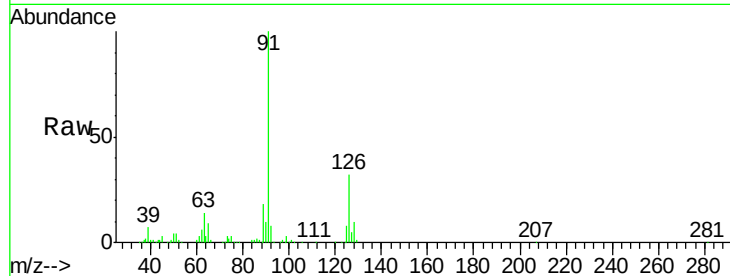
VX1121WBSD02

Tot Ion: 91 Resp: 177277

Ion Ratio Lower Upper

91 100

126 33.2 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 20.076 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019514.D

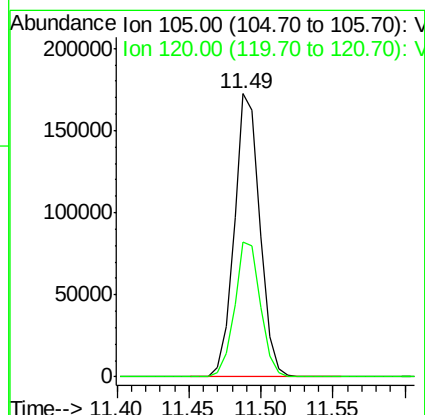
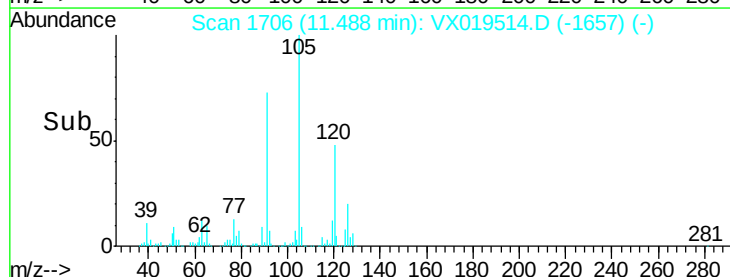
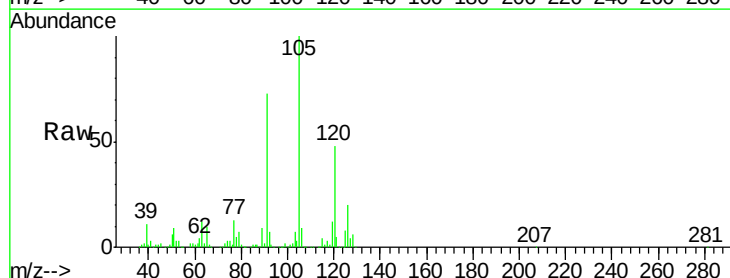
Acq: 21 Nov 2020 00:03

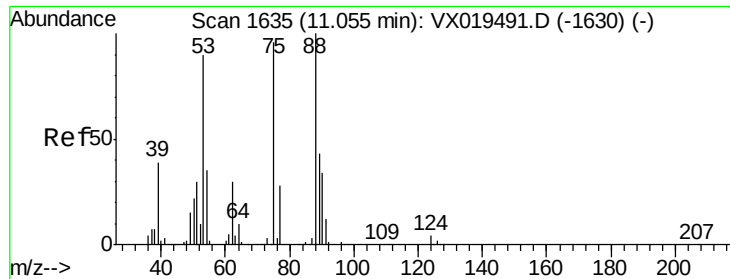
Tgt Ion: 105 Resp: 213796

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.026 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

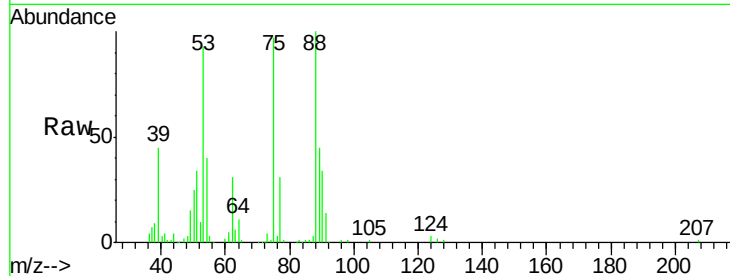
Tot Ion: 75 Resp: 23963

Ion Ratio Lower Upper

75 100

53 100.4 73.9 110.9

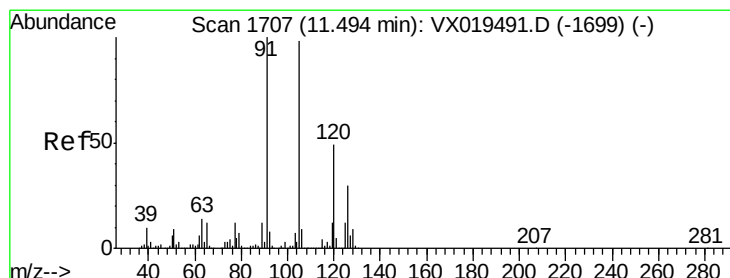
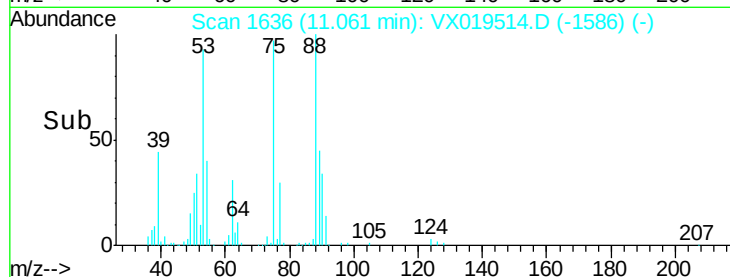
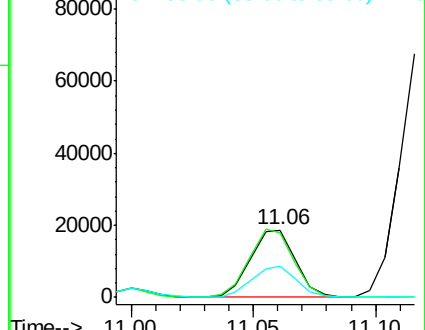
89 45.6 37.3 55.9



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: 19.712 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019514.D

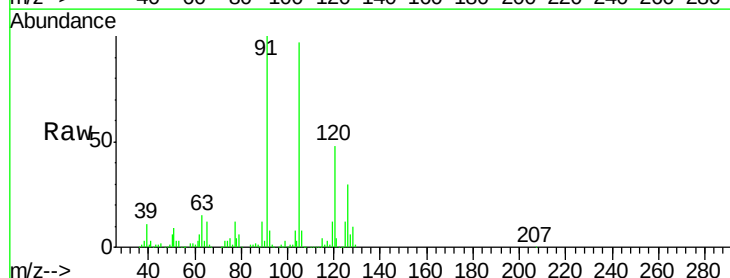
Acq: 21 Nov 2020 00:03

Tgt Ion: 91 Resp: 204957

Ion Ratio Lower Upper

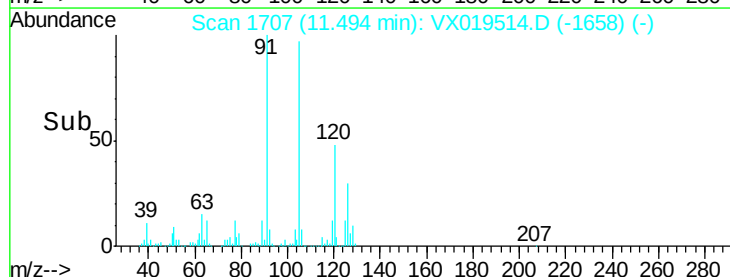
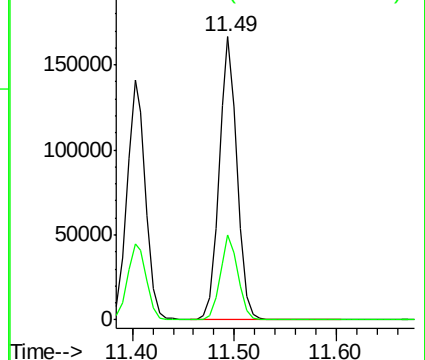
91 100

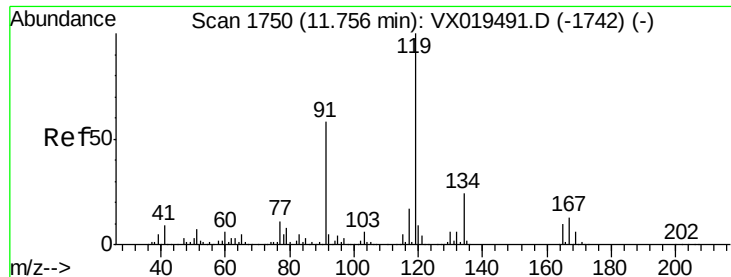
126 29.6 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

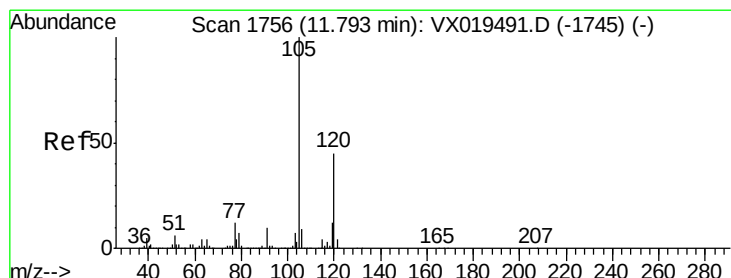
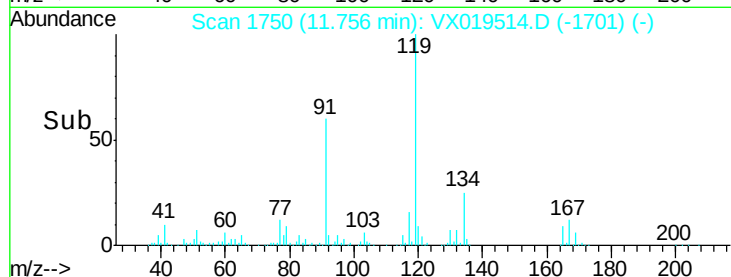
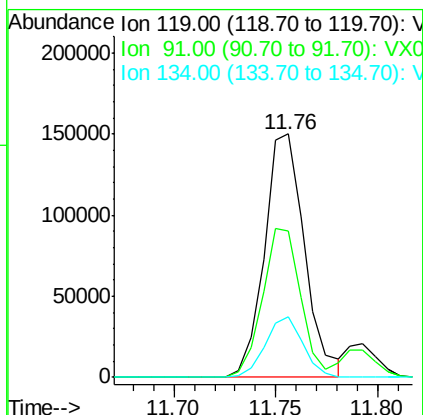
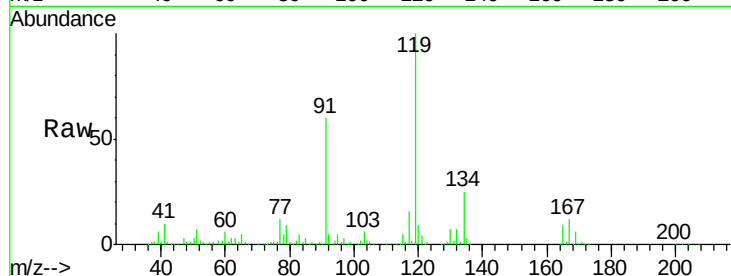




#83
 tert-Butylbenzene
 Concen: 20.004 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

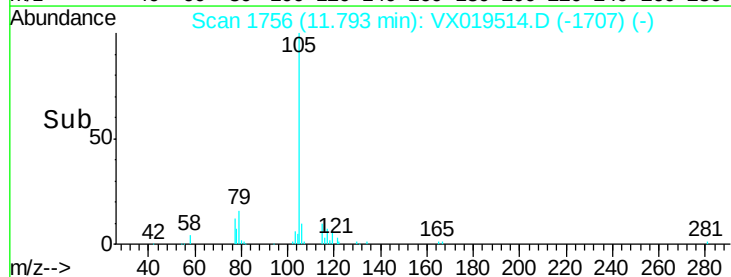
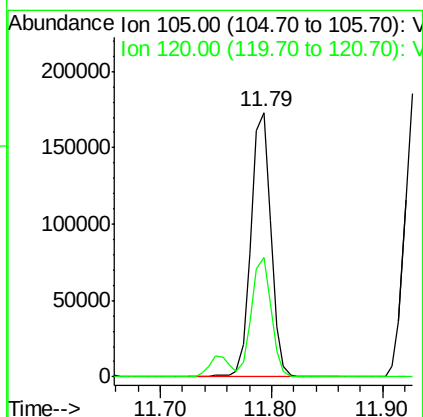
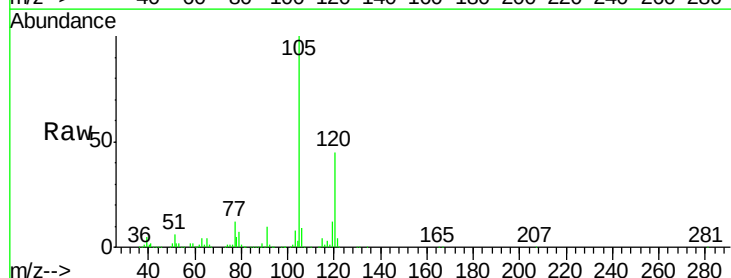
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

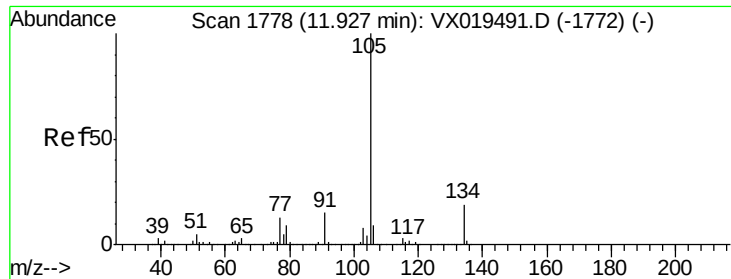
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.9	86.8
134	23.2	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.020 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.2	66.6

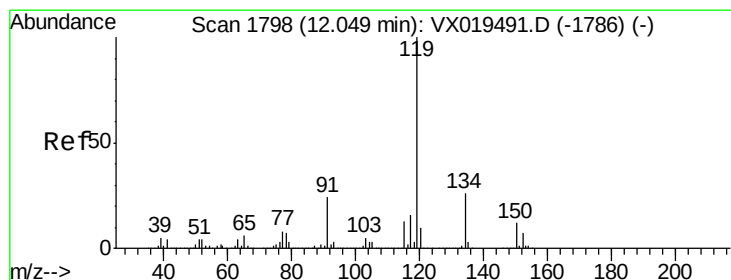
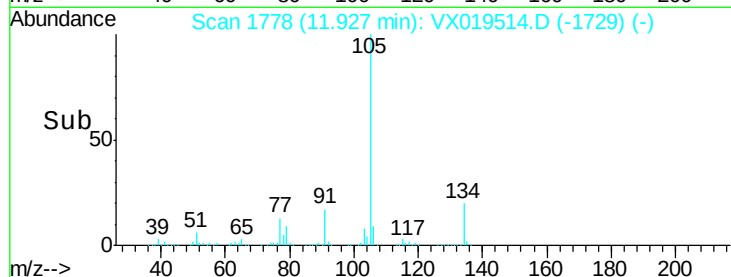
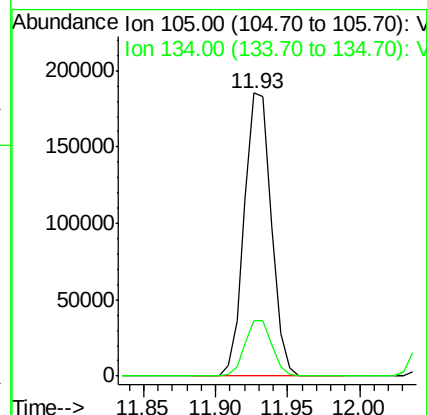
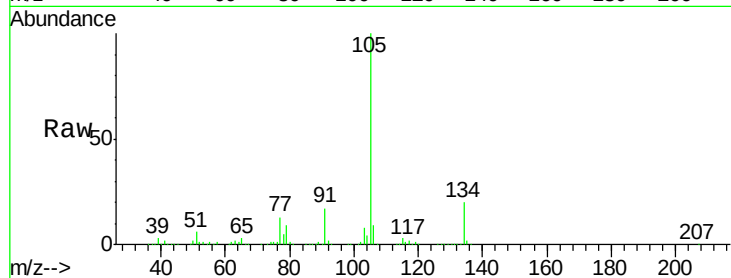




#85
 sec-Butylbenzene
 Concen: 19.679 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

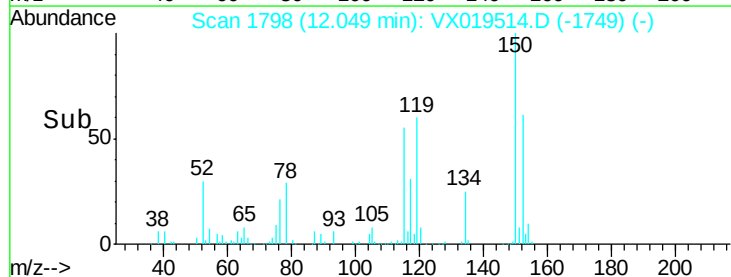
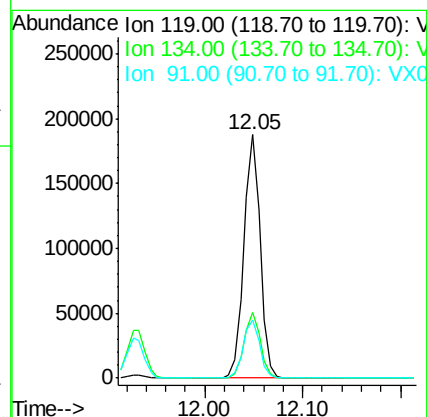
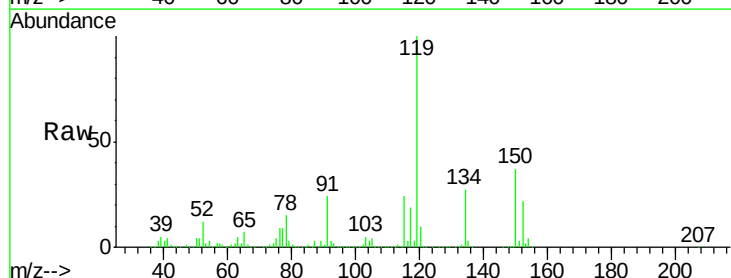
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

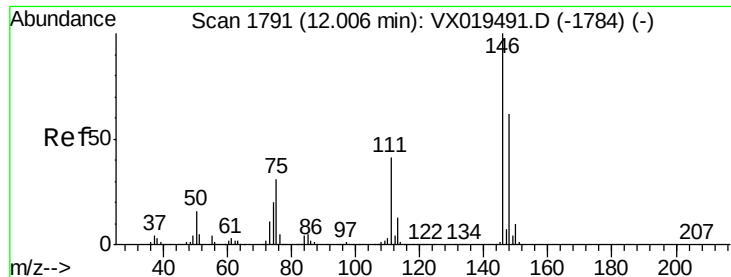
Tot Ion:105 Resp: 241210
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.458 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion:119 Resp: 216536
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.032 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

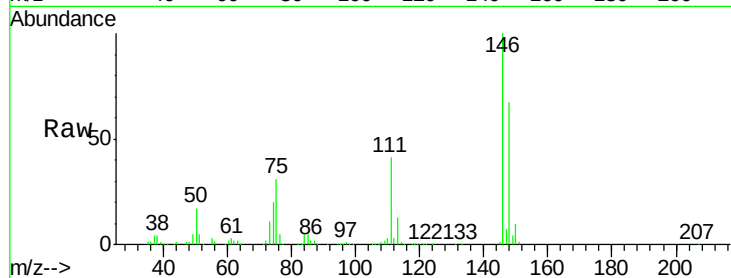
Tot Ion:146 Resp: 113276

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

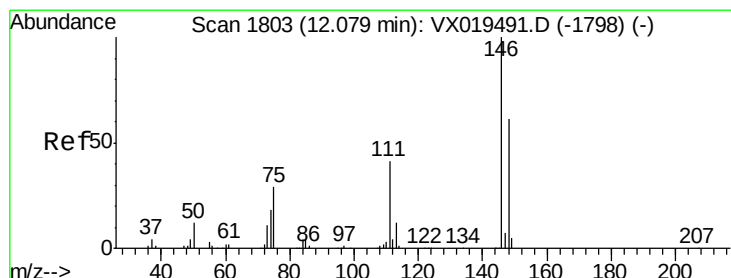
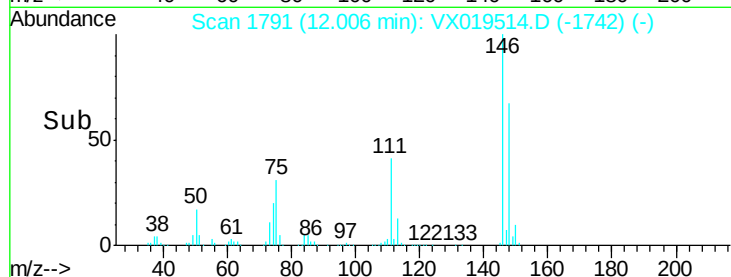
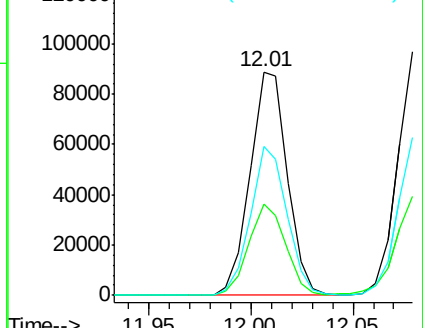
148 65.4 31.4 94.2



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: 18.718 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

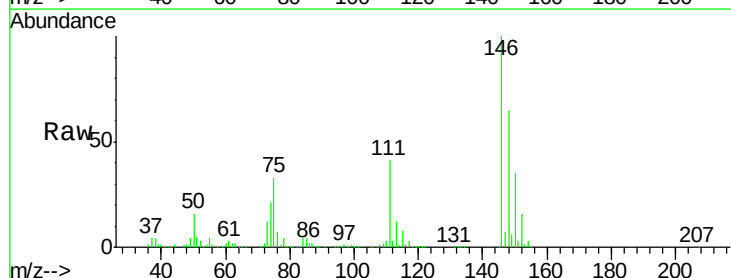
Tgt Ion:146 Resp: 114757

Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.6

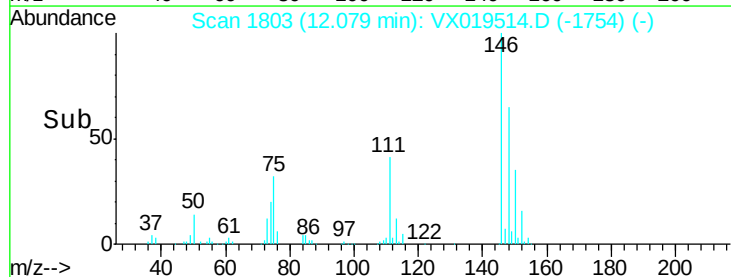
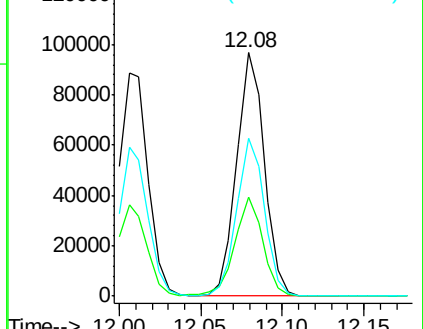
148 65.0 31.7 95.1

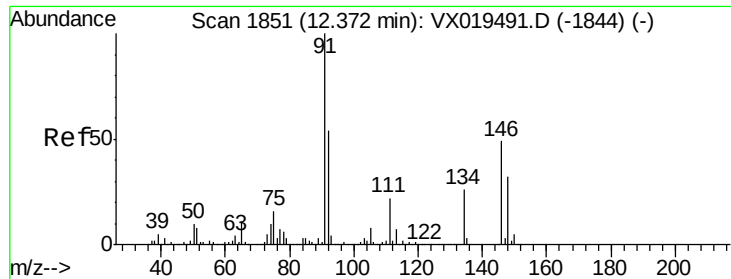


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

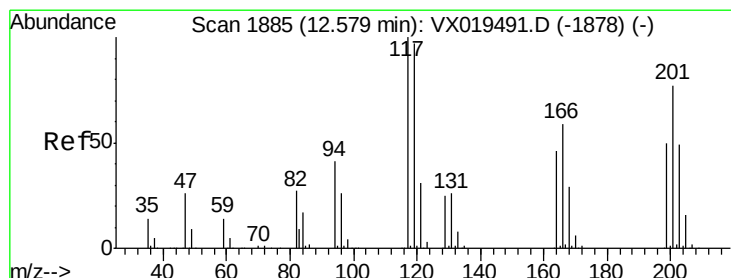
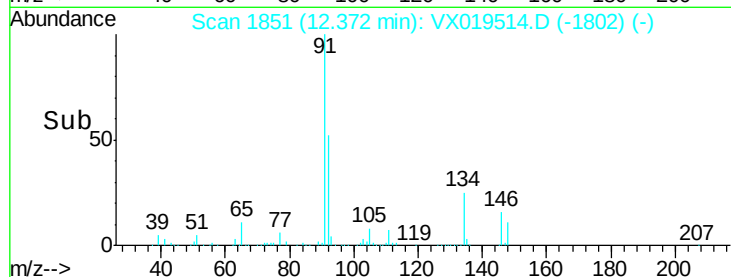
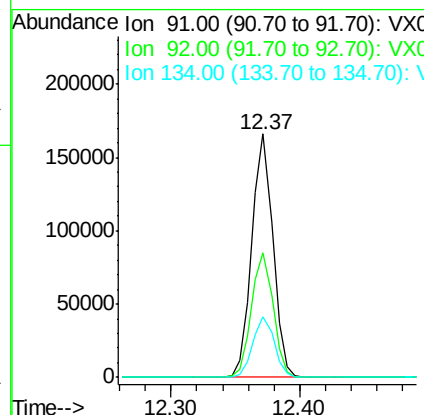
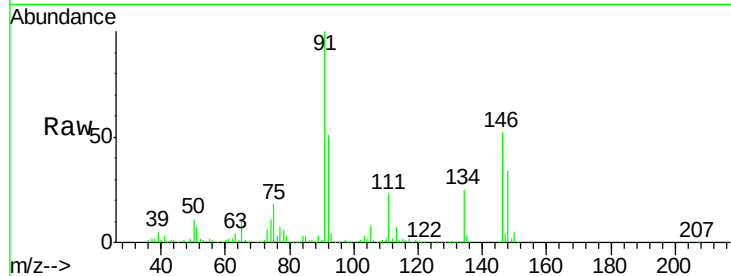




#89
n-Butylbenzene
Concen: 18.538 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

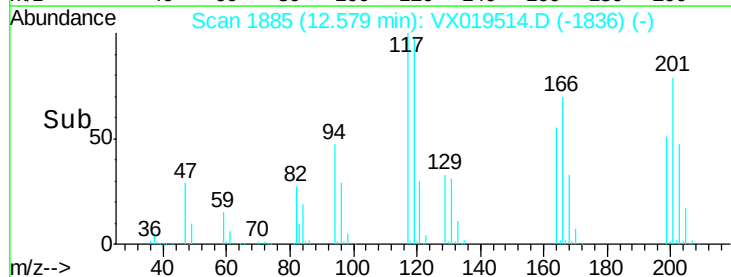
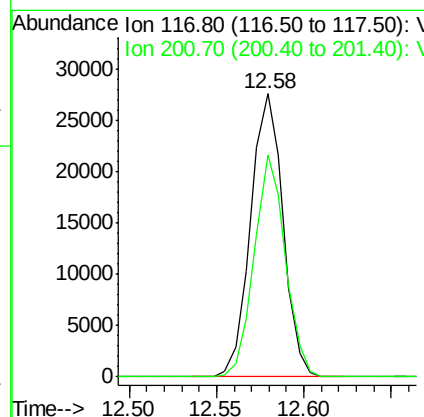
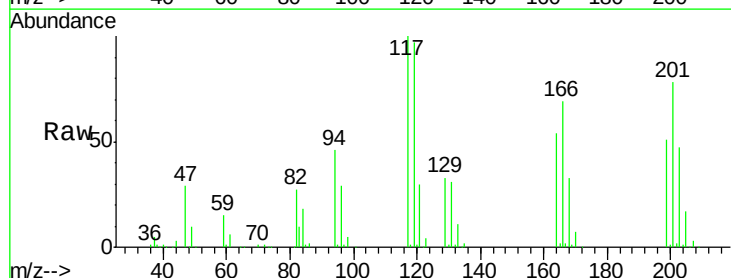
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD02

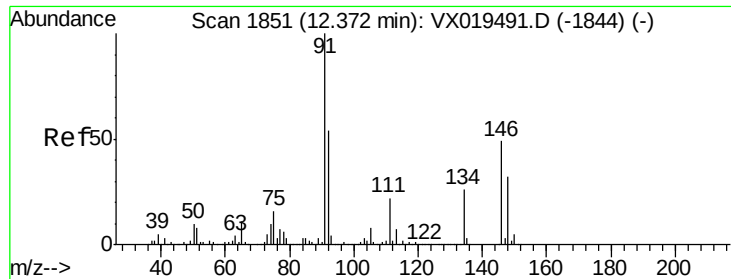
Tot Ion: 91 Resp: 186508
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.6
134 25.3 12.9 38.6



#90
Hexachloroethane
Concen: 19.012 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019514.D
Acq: 21 Nov 2020 00:03

Tgt Ion: 117 Resp: 35404
Ion Ratio Lower Upper
117 100
201 75.3 39.4 118.2

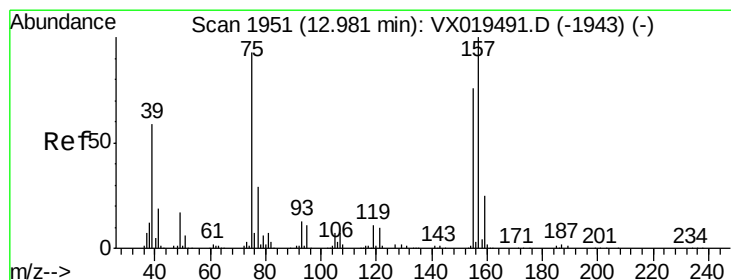
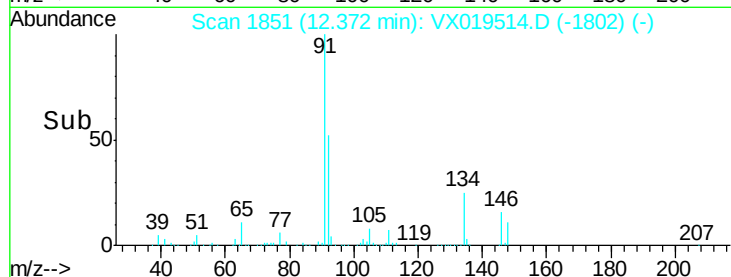
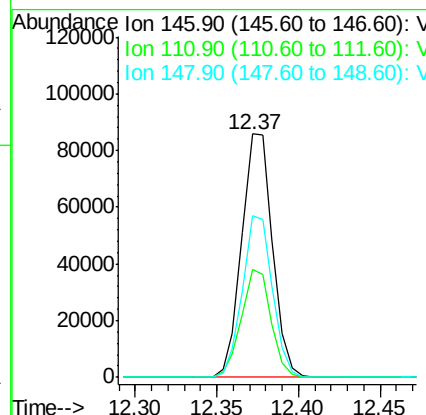
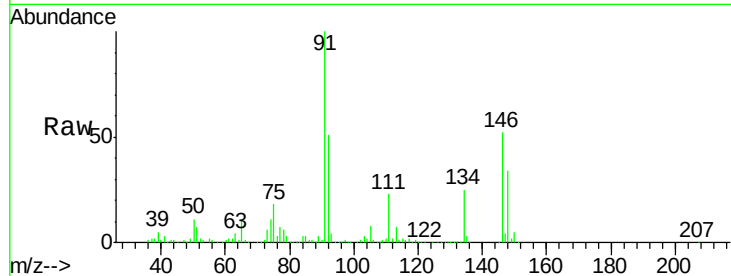




#91
 1,2-Dichlorobenzene
 Concen: 18.926 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

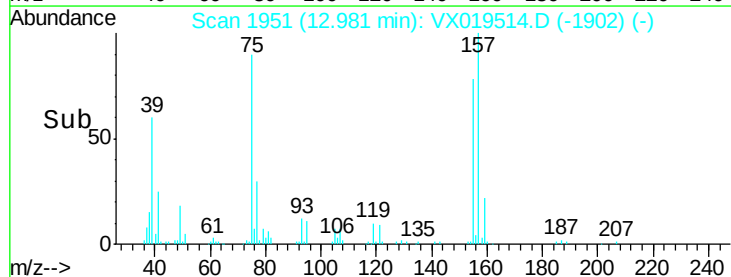
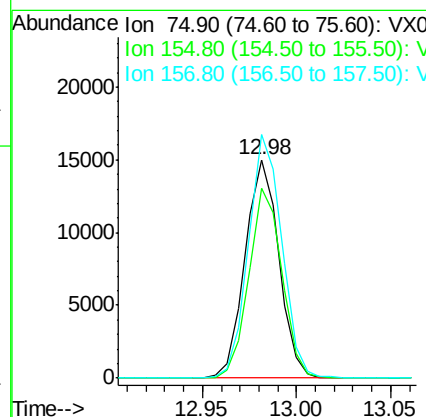
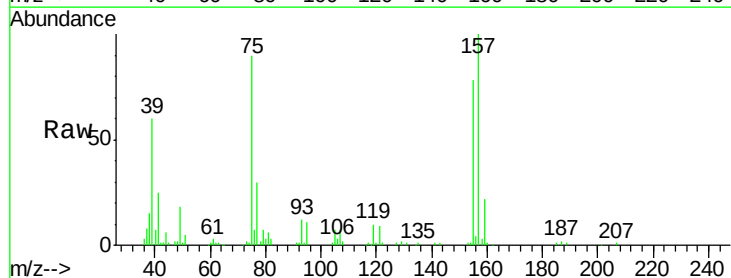
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

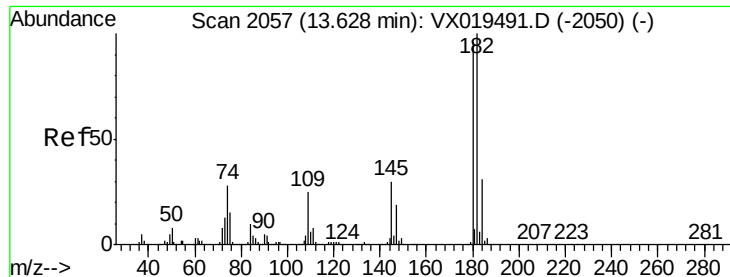
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.3
148	64.9	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.167 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	43.6	130.9
157	110.3	57.0	170.8

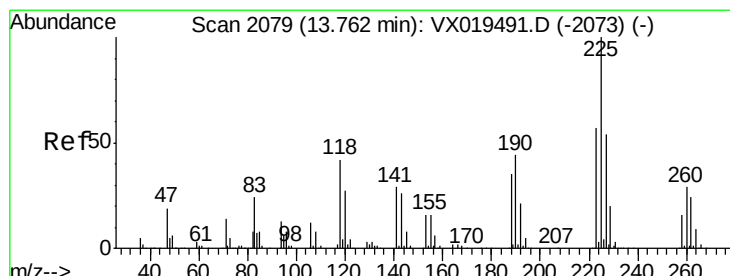
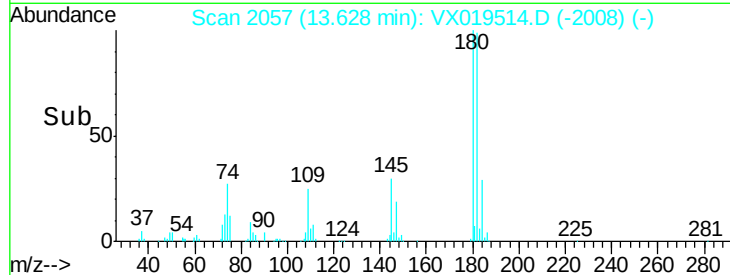
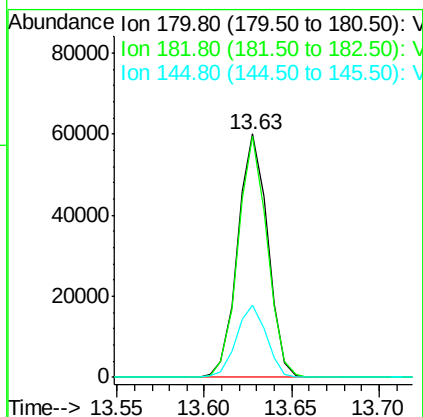
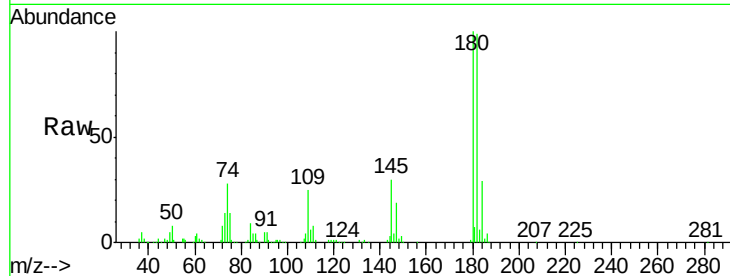




#93
 1,2,4-Trichlorobenzene
 Concen: 18.591 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

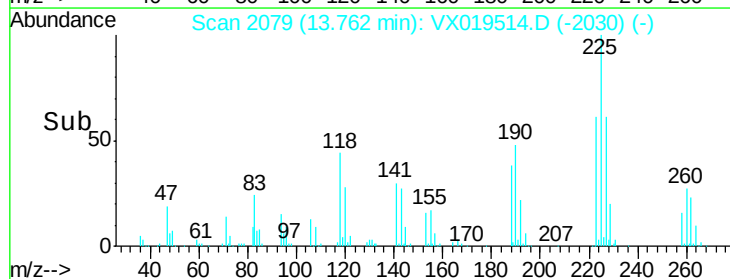
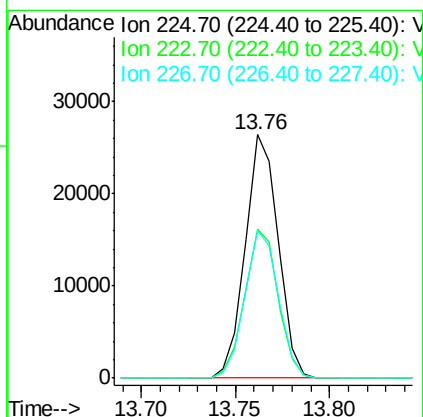
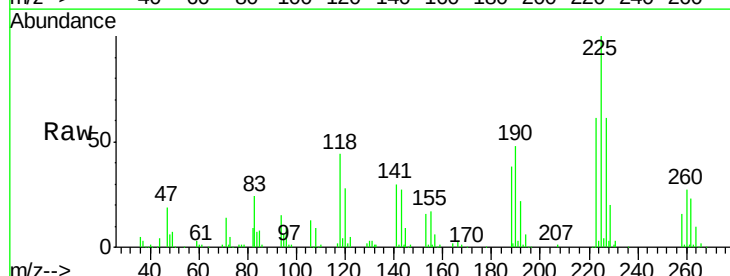
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD02

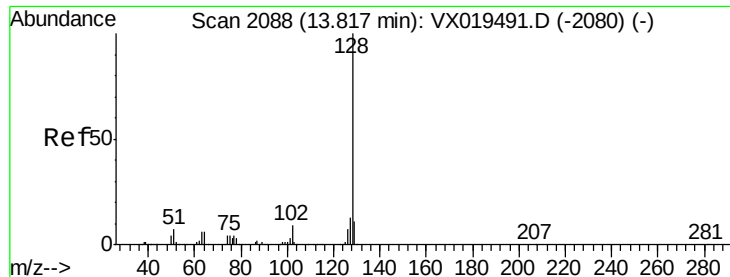
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.6	145.9
145	30.0	15.9	47.7



#94
 Hexachlorobutadiene
 Concen: 18.334 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019514.D
 Acq: 21 Nov 2020 00:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.5
227	61.8	32.8	98.3





#95

Naphthalene

Concen: 19.202 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD02

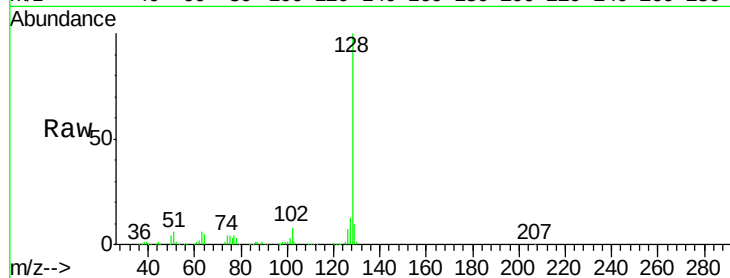
Tot Ion:128 Resp: 240926

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

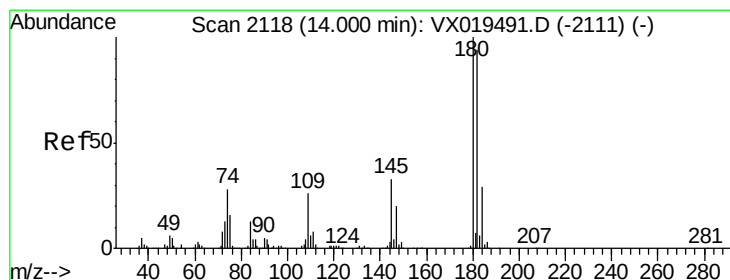
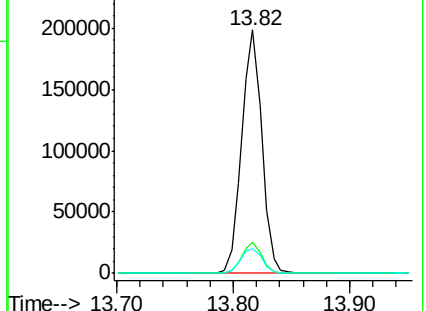
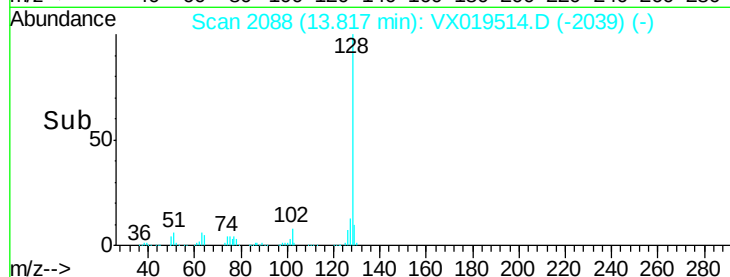
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.162 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019514.D

Acq: 21 Nov 2020 00:03

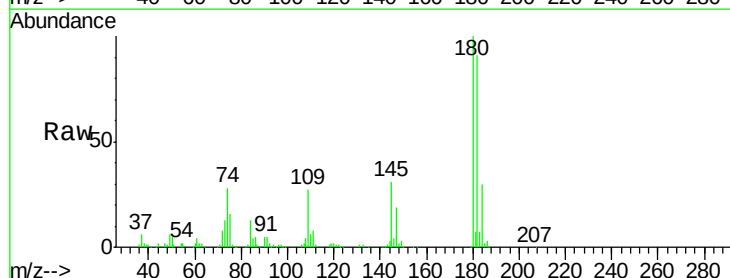
Tgt Ion:180 Resp: 73559

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.3

145 32.3 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

