

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019466.D
 Acq On : 18 Nov 2020 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 03:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	230794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182474	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	171532	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
35) Dibromofluoromethane	5.46	113	125699	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	8.70	98	491627	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.12	95	184183	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	137357	52.980	ug/l	97
3) Chloromethane	1.31	50	159761	49.692	ug/l	100
4) Vinyl Chloride	1.39	62	161319	50.264	ug/l	99
5) Bromomethane	1.62	94	80411	52.490	ug/l	99
6) Chloroethane	1.69	64	60081	55.169	ug/l	100
7) Trichlorofluoromethane	1.90	101	225854	50.276	ug/l	100
8) Diethyl Ether	2.17	74	90198	50.379	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121564	49.282	ug/l	98
10) Methyl Iodide	2.48	142	148563	48.265	ug/l	99
11) Tert butyl alcohol	3.04	59	179129	266.521	ug/l	99
12) 1,1-Dichloroethene	2.35	96	122672	49.324	ug/l	95
13) Acrolein	2.28	56	112163	232.851	ug/l	99
14) Allyl chloride	2.70	41	220820	50.653	ug/l	99
15) Acrylonitrile	3.12	53	410452	264.827	ug/l	99
16) Acetone	2.42	43	344009	245.954	ug/l	100
17) Carbon Disulfide	2.54	76	340386	50.403	ug/l	99
18) Methyl Acetate	2.75	43	171551	49.861	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	467942	52.043	ug/l	98
20) Methylene Chloride	2.83	84	152926	48.294	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140549	51.057	ug/l	97
22) Diisopropyl ether	3.82	45	465105	52.290	ug/l	99
23) Vinyl Acetate	3.78	43	2041268	270.469	ug/l	100
24) 1,1-Dichloroethane	3.67	63	263718	50.520	ug/l	99
25) 2-Butanone	4.64	43	546982	262.133	ug/l	100
26) 2,2-Dichloropropane	4.55	77	217715	48.835	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	160497	51.312	ug/l	99
28) Bromochloromethane	4.98	49	120075	48.416	ug/l	99
29) Tetrahydrofuran	5.09	42	356413	264.964	ug/l	99
30) Chloroform	5.17	83	270935	50.893	ug/l	98
31) Cyclohexane	5.54	56	230356	50.717	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	238409	51.323	ug/l	100
36) 1,1-Dichloropropene	5.76	75	202212	50.249	ug/l	99
37) Ethyl Acetate	4.79	43	215946	52.162	ug/l	99
38) Carbon Tetrachloride	5.75	117	202690	51.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	232277	51.334	ug/l	97
40) Benzene	6.11	78	603984	50.374	ug/l	100
41) Methacrylonitrile	5.01	41	120678	53.225	ug/l	98
42) 1,2-Dichloroethane	6.16	62	229503	50.373	ug/l	100
43) Isopropyl Acetate	6.42	43	354517	51.671	ug/l	99
44) Trichloroethene	7.18	130	150119	49.660	ug/l	95
45) 1,2-Dichloropropane	7.49	63	157999	50.820	ug/l	99
46) Dibromomethane	7.63	93	105040	51.437	ug/l	99
47) Bromodichloromethane	7.87	83	212827	52.684	ug/l	98
48) Methyl methacrylate	7.74	41	177328	53.502	ug/l	100
49) 1,4-Dioxane	7.72	88	71162	1089.154	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1091339	267.938	ug/l	99
52) Toluene	8.76	92	385943	53.026	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	236982	48.149	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255496	48.209	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152969	51.891	ug/l	98
56) Ethyl methacrylate	9.16	69	239599	49.709	ug/l	99
57) 1,3-Dichloropropane	9.35	76	267526	52.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	653072	270.315	ug/l	100
59) 2-Hexanone	9.48	43	825570	267.624	ug/l	100
60) Dibromochloromethane	9.56	129	154342	48.138	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160528	52.534	ug/l	99
64) Tetrachloroethene	9.32	164	140256	47.571	ug/l	99
65) Chlorobenzene	10.12	112	395283	51.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	145275	48.128	ug/l	98
67) Ethyl Benzene	10.23	91	739521	52.875	ug/l	100
68) m/p-Xylenes	10.34	106	541243	106.128	ug/l	98
69) o-Xylene	10.68	106	256685	52.853	ug/l	97
70) Styrene	10.70	104	440553	47.760	ug/l	100
71) Bromoform	10.84	173	103438	45.501	ug/l #	99
73) Isopropylbenzene	11.00	105	699057	52.989	ug/l	100
74) N-amyl acetate	10.88	43	303838	54.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	237875	52.250	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	278582	64.035	ug/l	87
77) Bromobenzene	11.24	156	159883	51.436	ug/l	100
78) n-propylbenzene	11.34	91	817745	53.721	ug/l	99
79) 2-Chlorotoluene	11.40	91	490002	52.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	601978	53.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75031	46.951	ug/l	99
82) 4-Chlorotoluene	11.49	91	580852	52.621	ug/l	99
83) tert-Butylbenzene	11.76	119	555482	53.793	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	604248	53.838	ug/l	98
85) sec-Butylbenzene	11.93	105	685175	54.103	ug/l	100
86) p-Isopropyltoluene	12.05	119	613186	48.401	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	298460	50.626	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	303011	50.120	ug/l	100
89) n-Butylbenzene	12.37	91	568041	52.873	ug/l	100
90) Hexachloroethane	12.58	117	103551	47.120	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	295615	50.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54759	53.163	ug/l	99

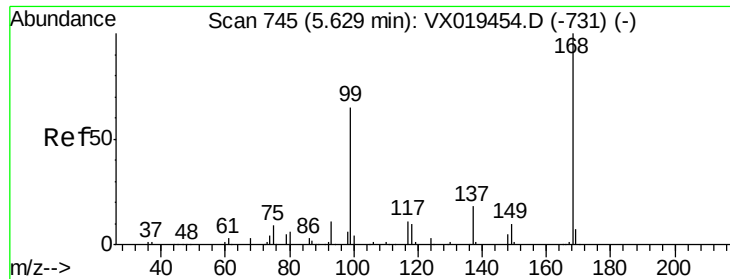
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	189485	46.513	ug/l	99
94) Hexachlorobutadiene	13.76	225	81614	51.041	ug/l	97
95) Naphthalene	13.82	128	671555	48.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187745	46.694	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

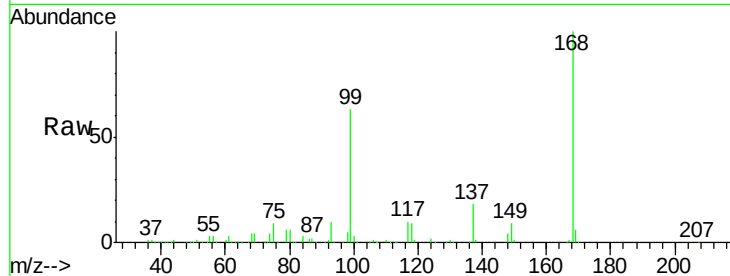
VSTDCCC050EC

Tot Ion:168 Resp: 230794

Ion Ratio Lower Upper

168 100

99 62.9 52.1 78.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

60000

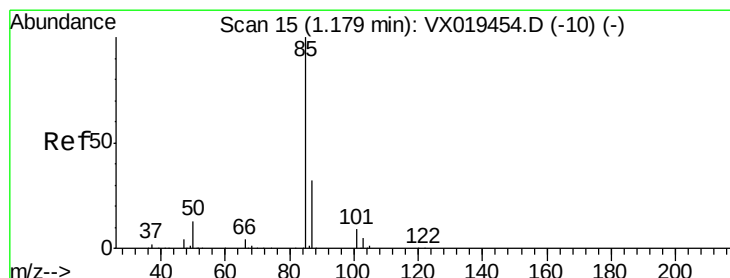
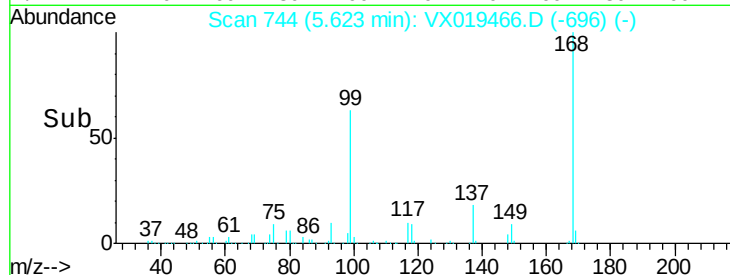
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.980 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX019466.D

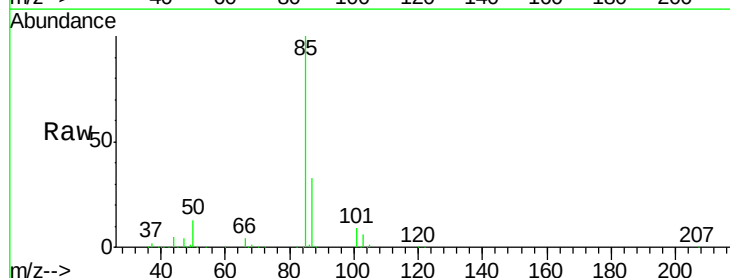
Acq: 18 Nov 2020 21:18

Tgt Ion: 85 Resp: 137357

Ion Ratio Lower Upper

85 100

87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

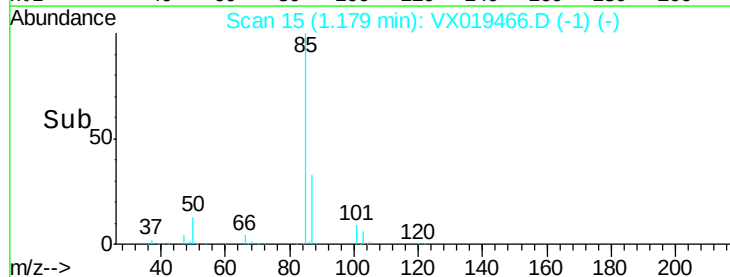
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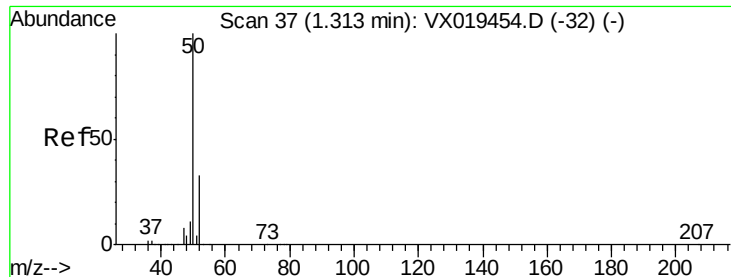
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.692 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

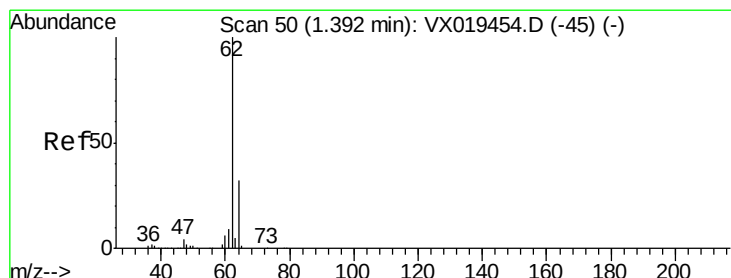
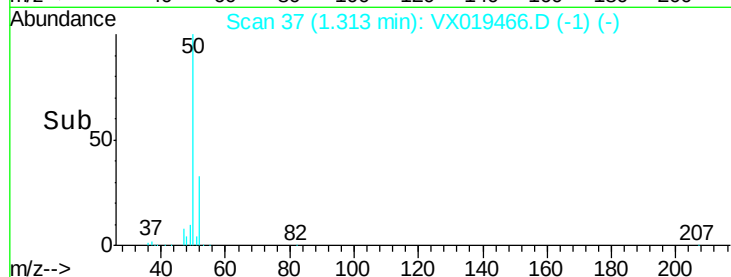
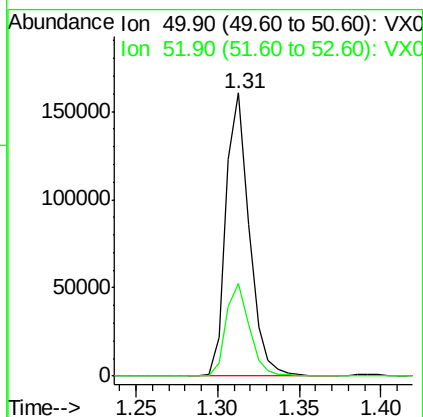
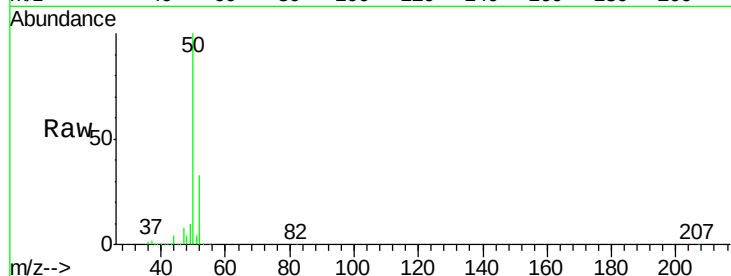
VSTDCCC050EC

Tot Ion: 50 Resp: 159761

Ion Ratio Lower Upper

50 100

52 32.7 26.4 39.6



#4

Vinyl Chloride

Concen: 50.264 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019466.D

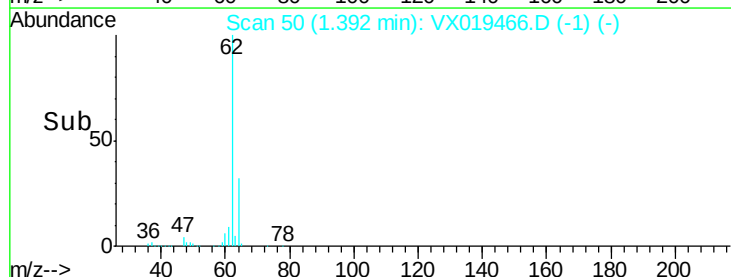
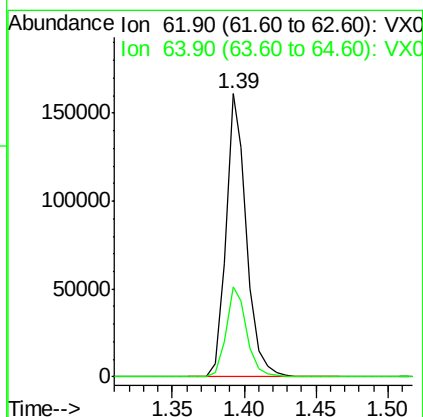
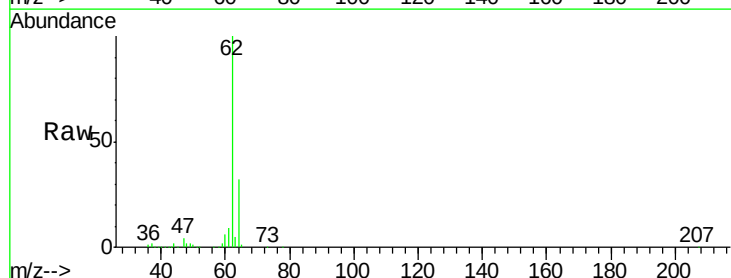
Acq: 18 Nov 2020 21:18

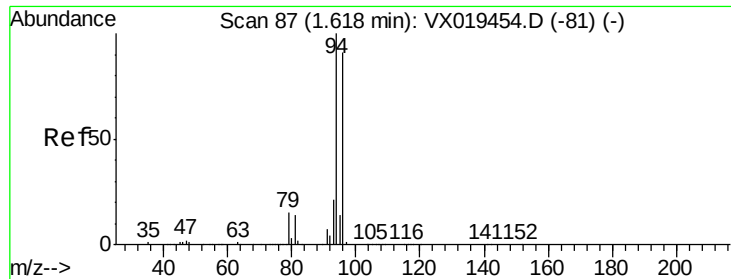
Tgt Ion: 62 Resp: 161319

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 52.490 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

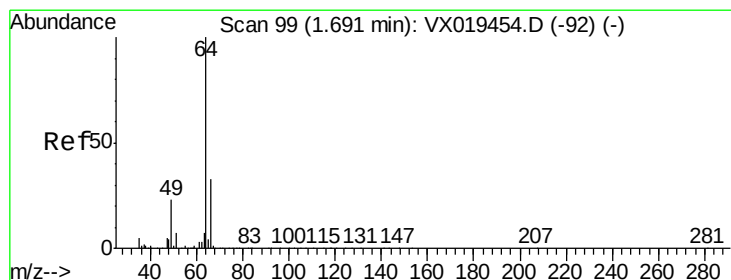
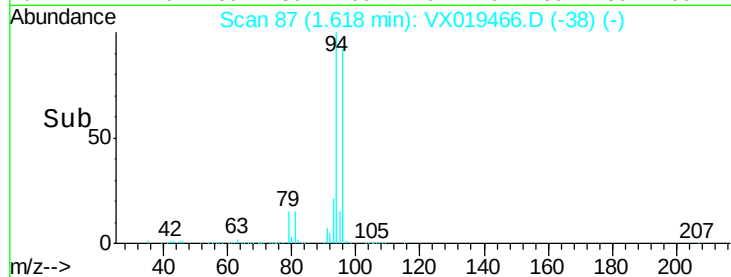
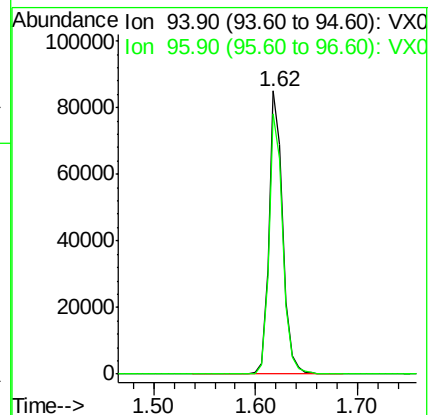
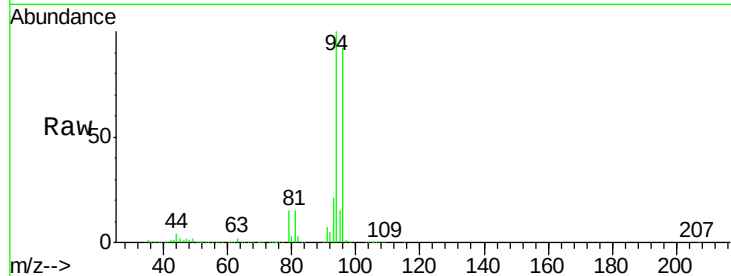
VSTDCCC050EC

Tot Ion: 94 Resp: 80411

Ion Ratio Lower Upper

94 100

96 91.8 72.4 108.6



#6

Chloroethane

Concen: 55.169 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019466.D

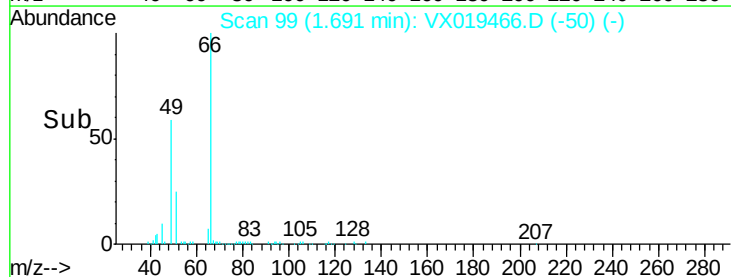
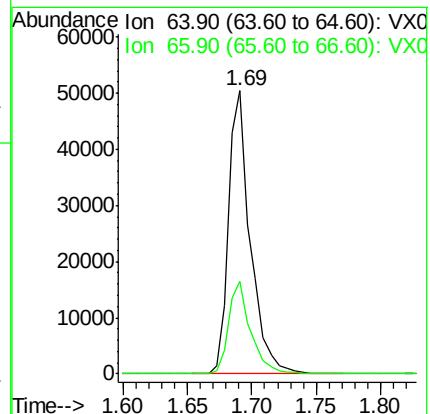
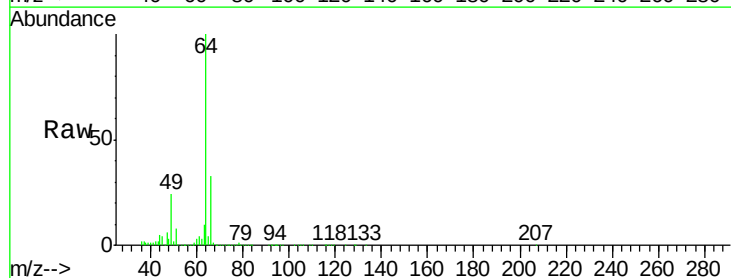
Acq: 18 Nov 2020 21:18

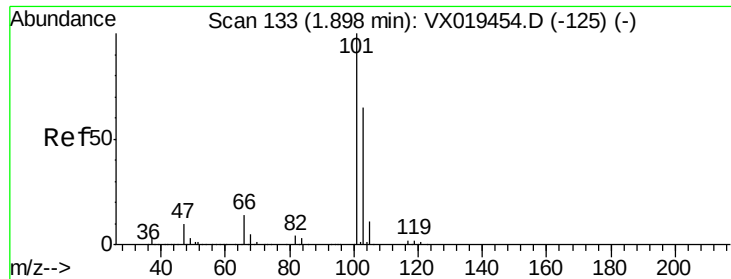
Tgt Ion: 64 Resp: 60081

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1



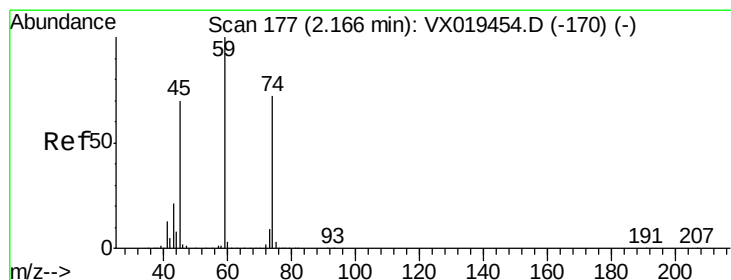
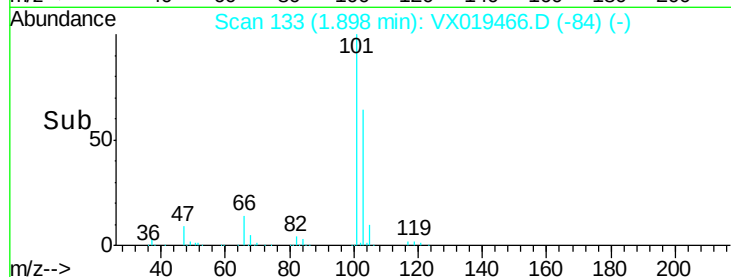
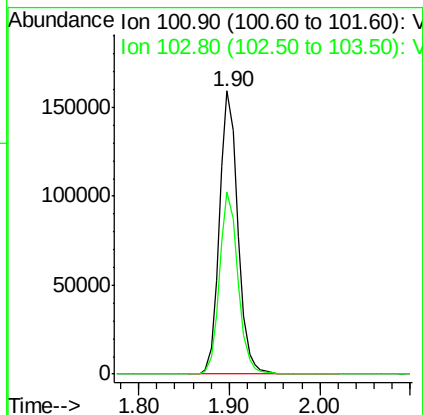
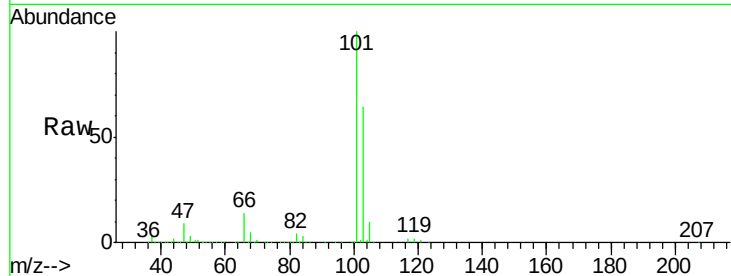


#7

Trichlorofluoromethane
 Concen: 50.276 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VX019466.D
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Instrument :
 MSVOA_X
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 VSTDCCC050EC

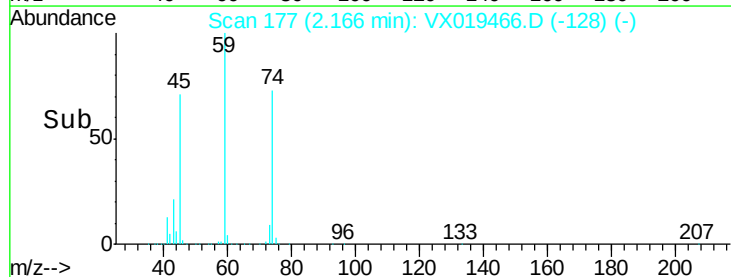
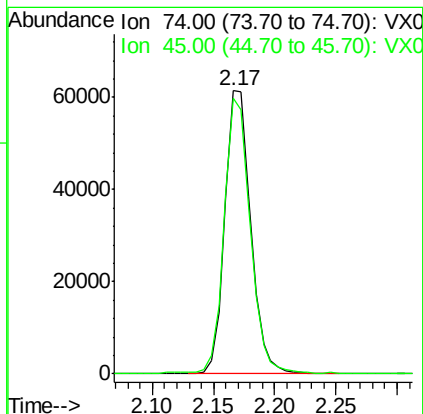
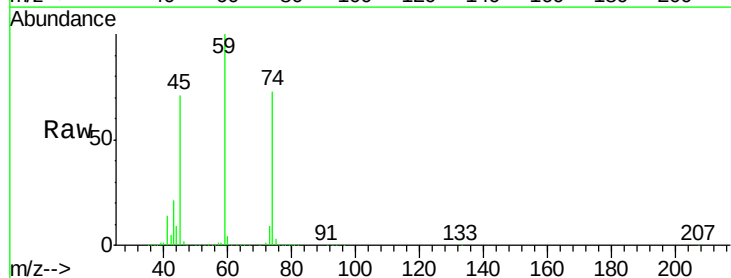
Tot Ion:101 Resp: 225854
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.8 77.8

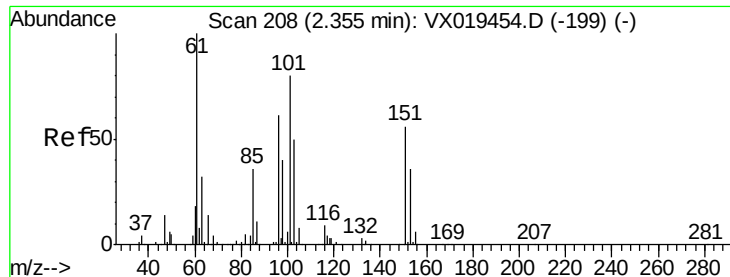


#8

Diethyl Ether
 Concen: 50.379 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 74 Resp: 90198
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.8 146.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.282 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

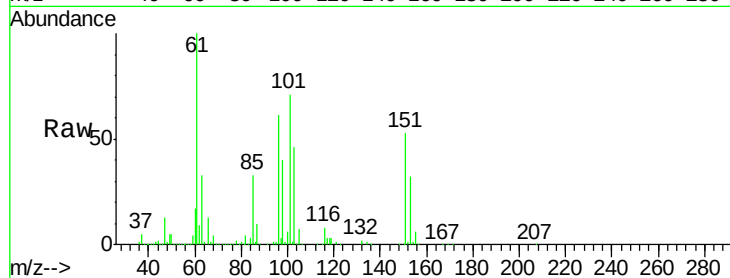
Tot Ion:101 Resp: 121564

Ion Ratio Lower Upper

101 100

85 46.2 36.9 55.3

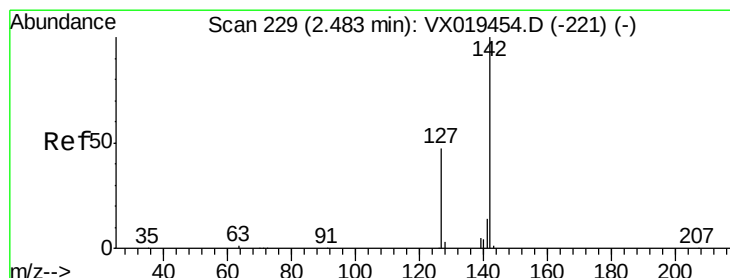
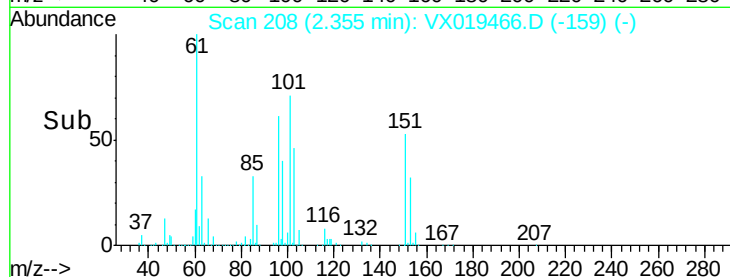
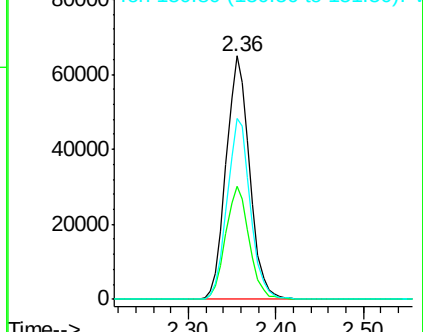
151 73.3 56.8 85.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.265 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019466.D

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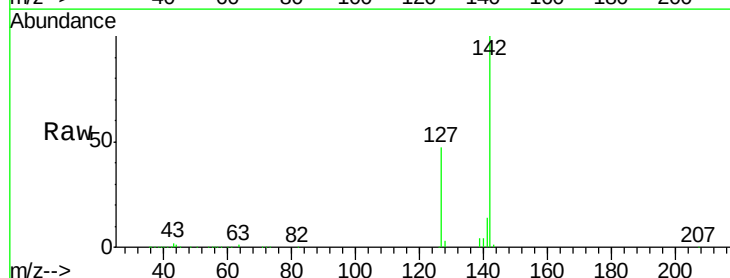
Tgt Ion:142 Resp: 148563

Ion Ratio Lower Upper

142 100

127 48.1 37.8 56.6

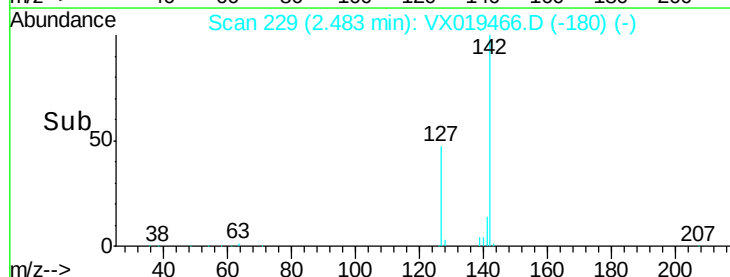
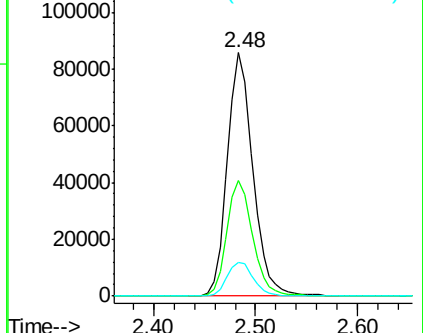
141 14.5 11.4 17.2

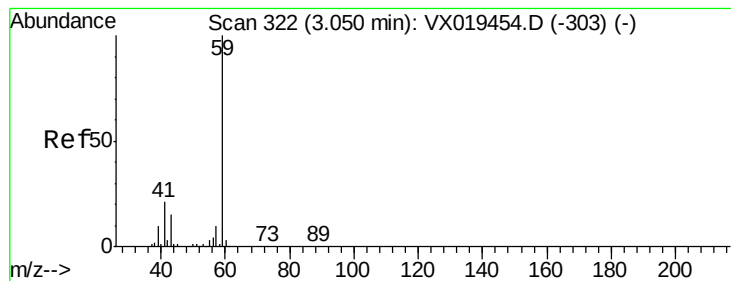


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



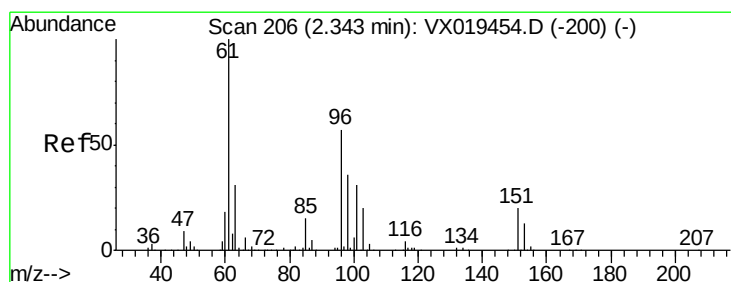
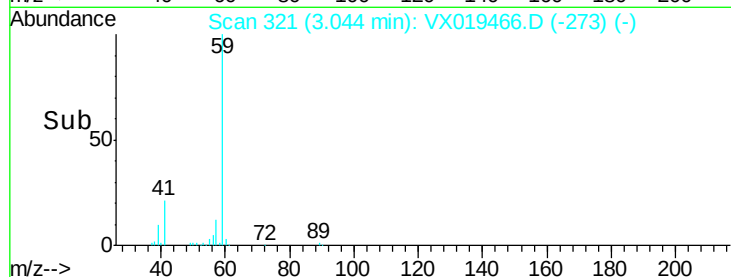
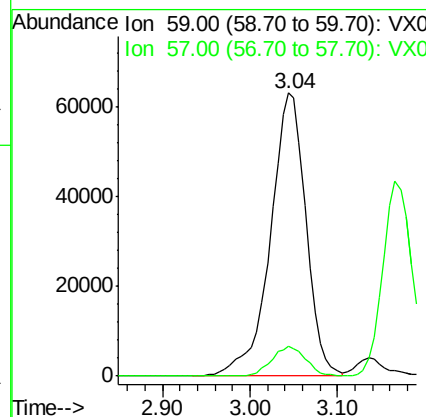
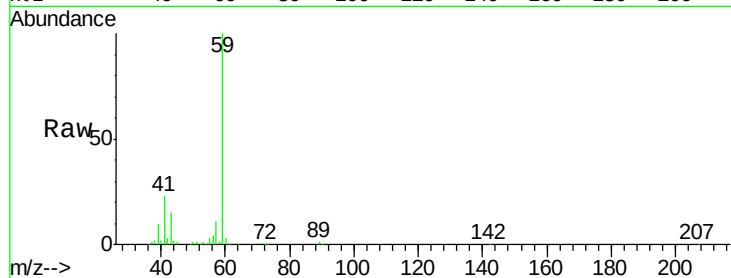


#11

Tert butyl alcohol
 Concen: 266.521 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

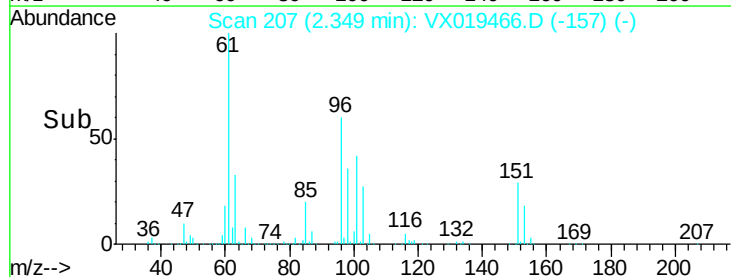
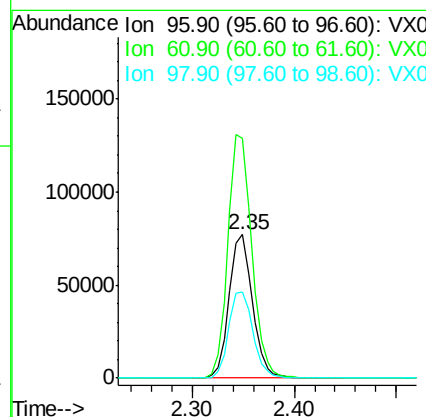
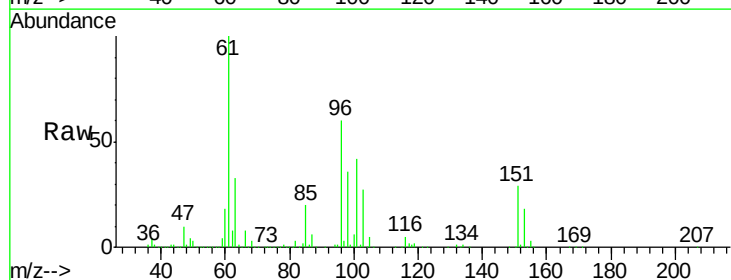
Tot Ion: 59 Resp: 179129
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

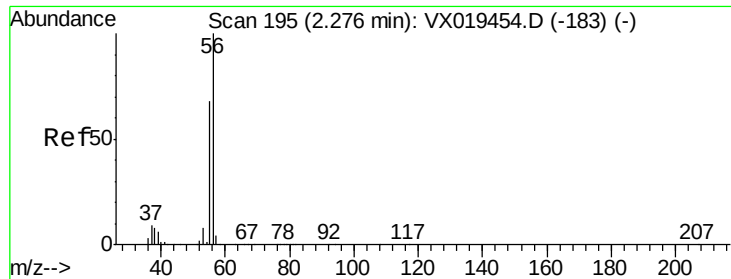


#12

1,1-Dichloroethene
 Concen: 49.324 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 96 Resp: 122672
 Ion Ratio Lower Upper
 96 100
 61 166.8 139.2 208.8
 98 60.3 50.3 75.5

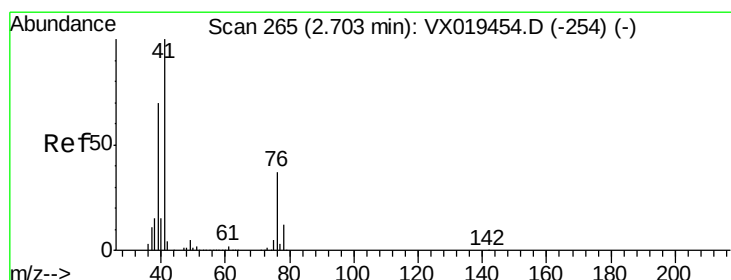
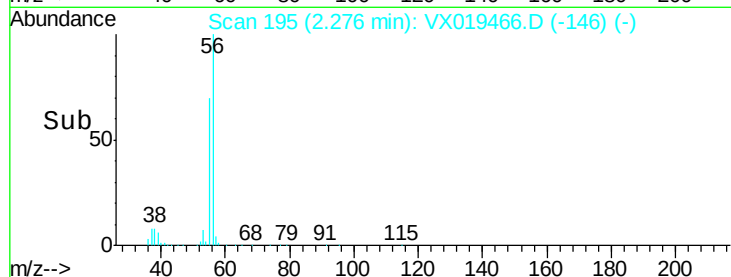
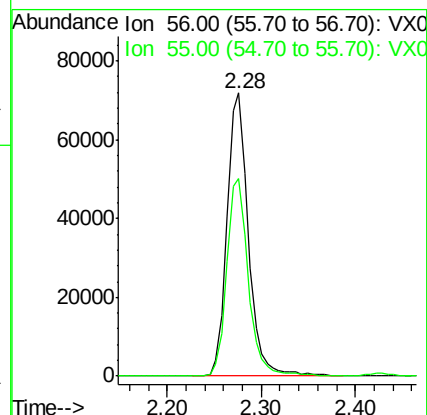
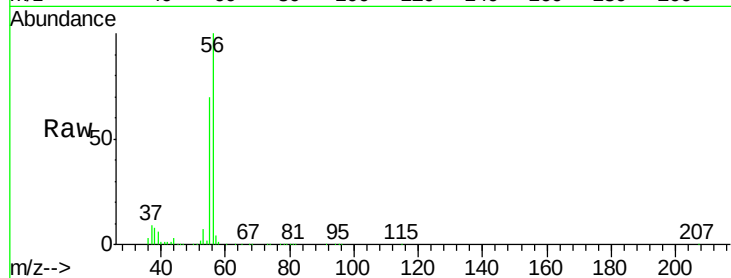




#13
Acrolein
Concen: 232.851 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

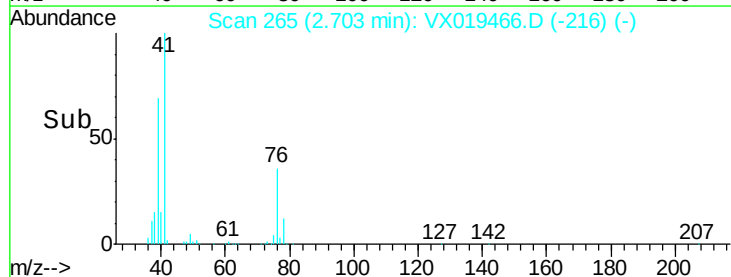
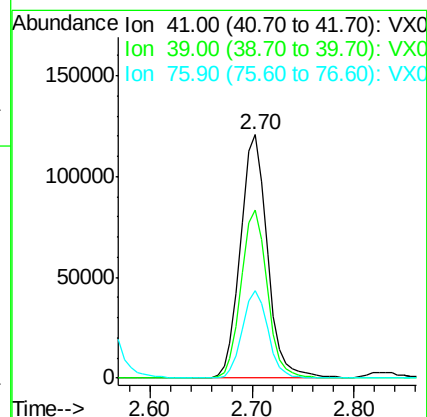
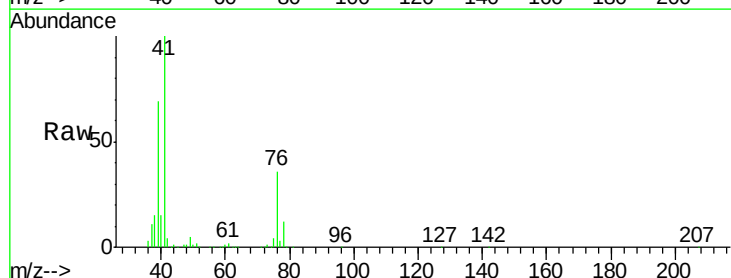
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

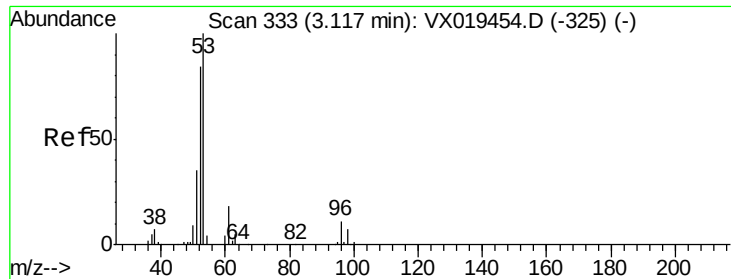
Tot Ion: 56 Resp: 112163
Ion Ratio Lower Upper
56 100
55 70.5 55.9 83.9



#14
Allyl chloride
Concen: 50.653 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 41 Resp: 220820
Ion Ratio Lower Upper
41 100
39 67.1 53.2 79.8
76 34.2 27.5 41.3





#15

Acrylonitrile

Concen: 264.827 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

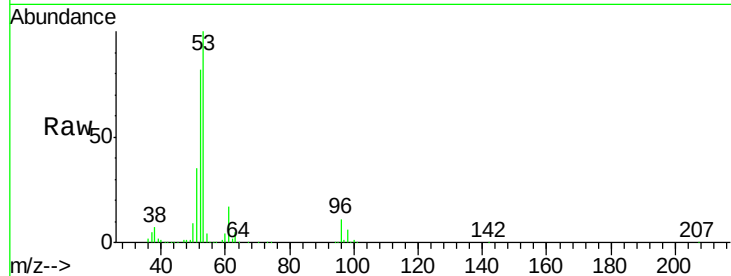
Tot Ion: 53 Resp: 410452

Ion Ratio Lower Upper

53 100

52 82.0 66.3 99.5

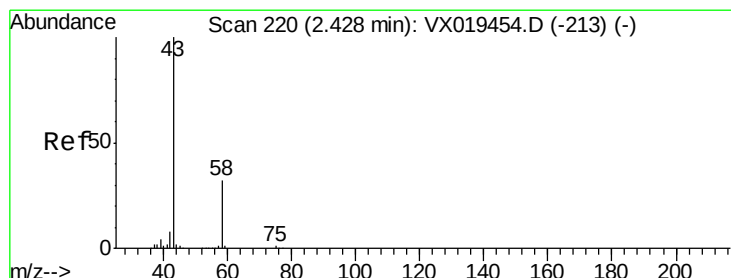
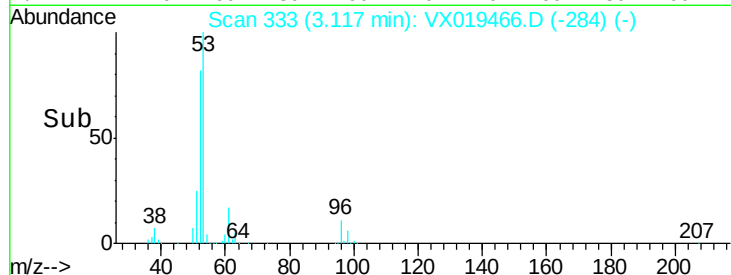
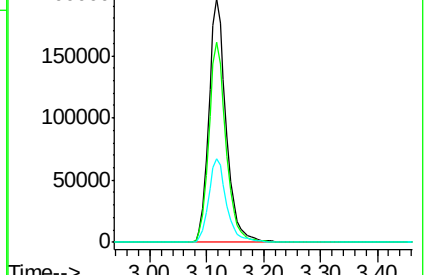
51 35.3 28.5 42.7



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: 245.954 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019466.D

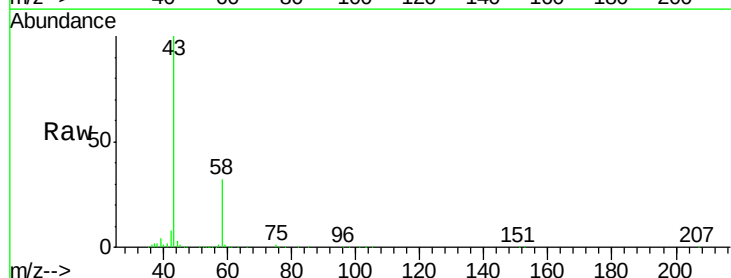
Acq: 18 Nov 2020 21:18

Tgt Ion: 43 Resp: 344009

Ion Ratio Lower Upper

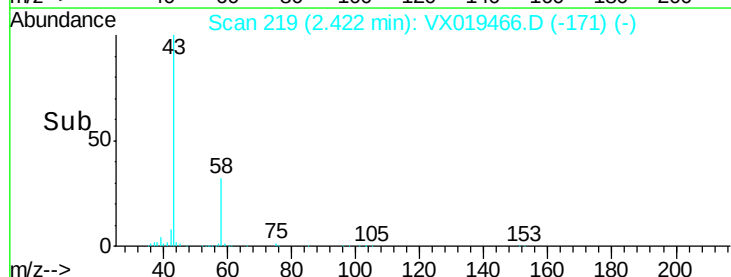
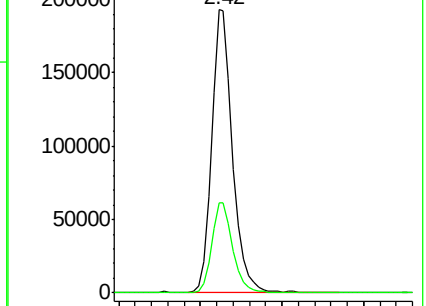
43 100

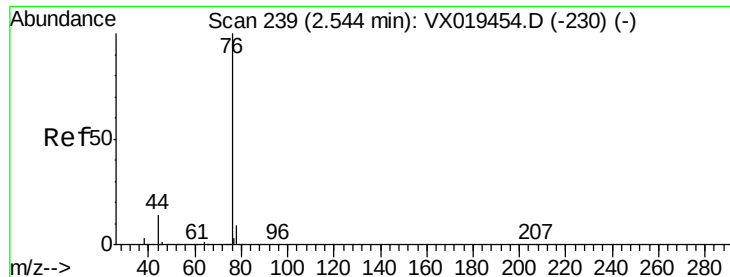
58 31.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

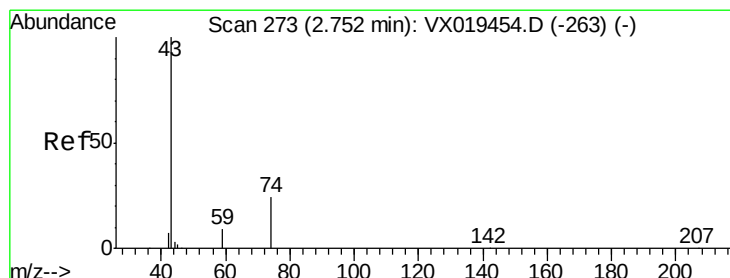
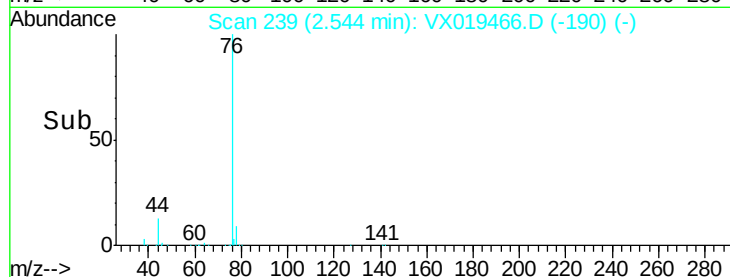
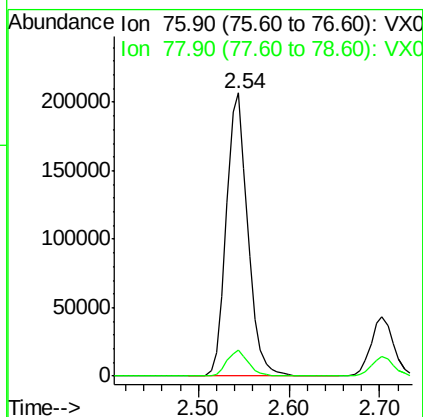
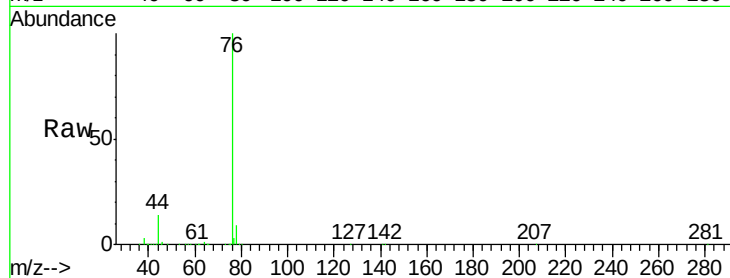




#17
Carbon Disulfide
Concen: 50.403 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

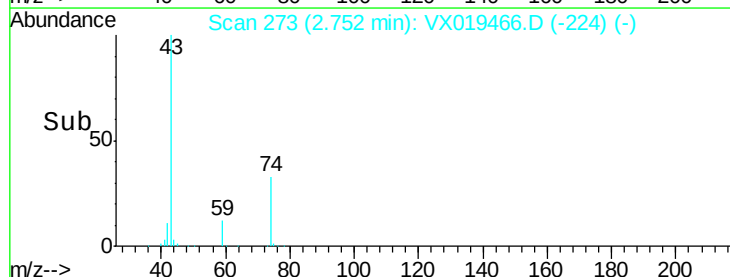
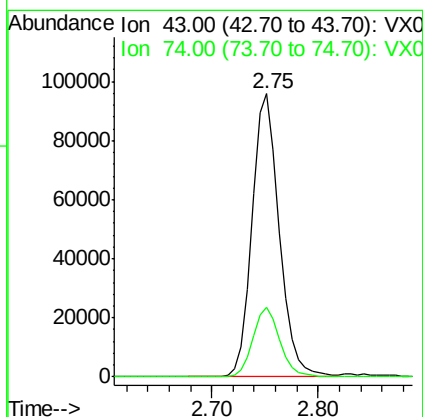
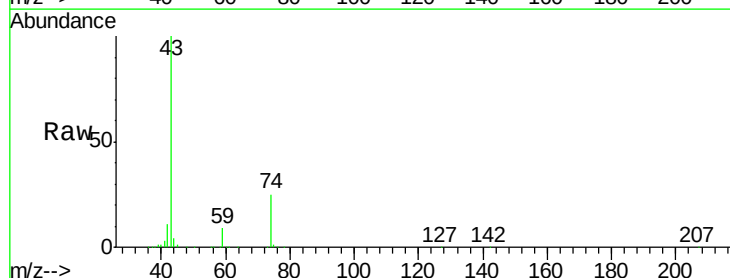
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

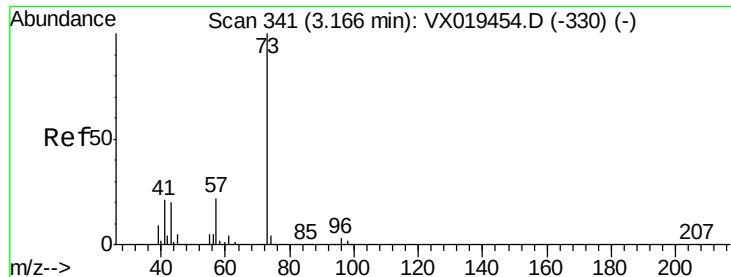
Tot Ion: 76 Resp: 340386
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 49.861 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 43 Resp: 171551
Ion Ratio Lower Upper
43 100
74 24.8 19.9 29.9





#19

Methyl tert-butyl Ether

Concen: 52.043 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

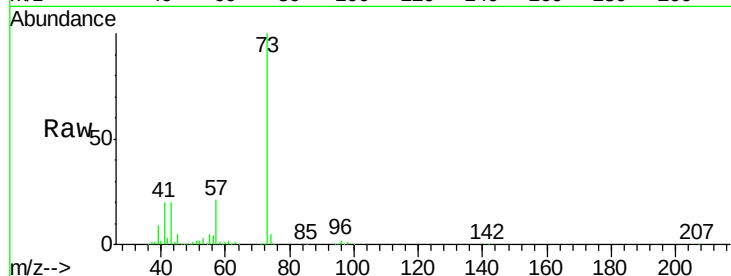
VSTDCCC050EC

Tot Ion: 73 Resp: 467942

Ion Ratio Lower Upper

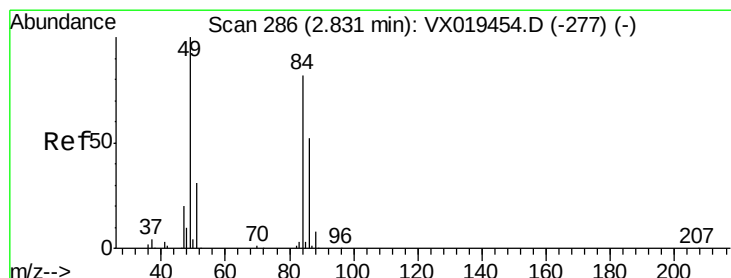
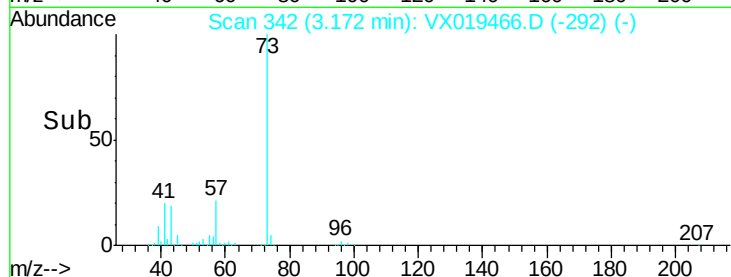
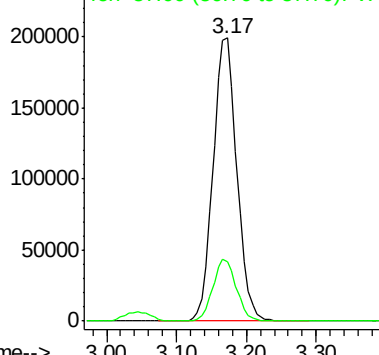
73 100

57 20.8 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 48.294 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion: 84 Resp: 152926

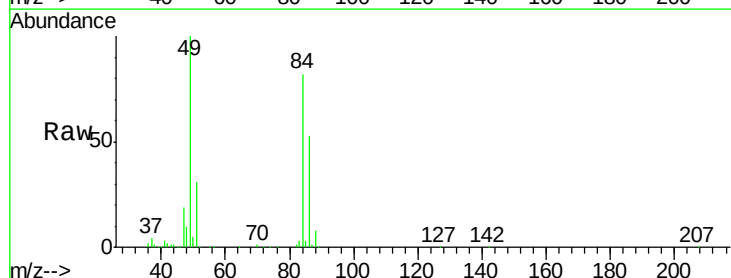
Ion Ratio Lower Upper

84 100

49 122.4 97.6 146.4

51 37.9 30.6 45.8

86 64.4 50.7 76.1

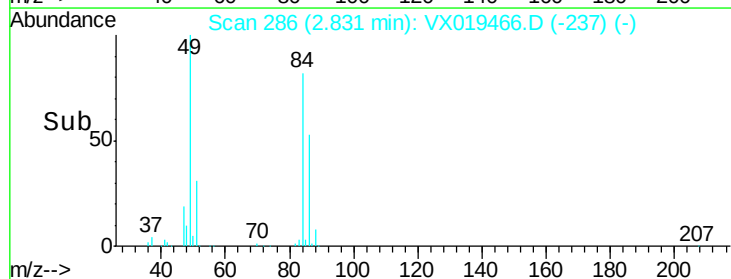
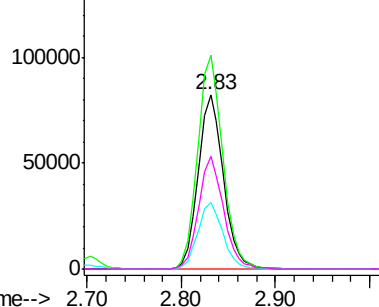


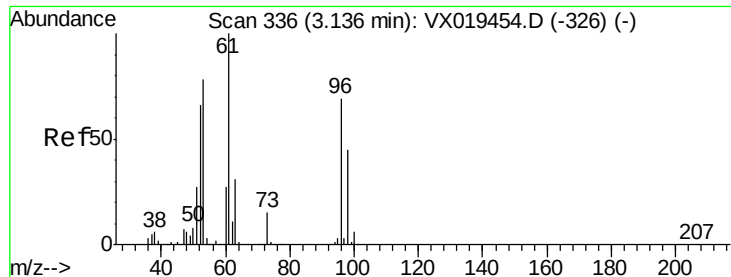
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 51.057 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

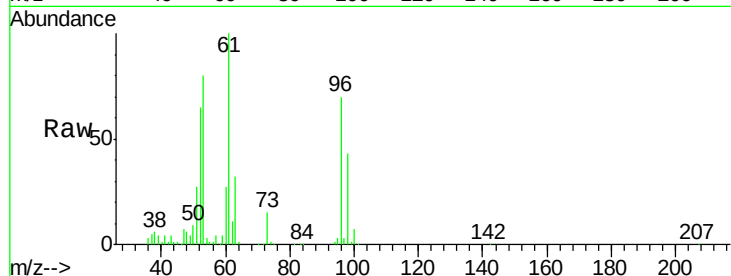
Tot Ion: 96 Resp: 140549

Ion Ratio Lower Upper

96 100

61 141.8 116.0 174.0

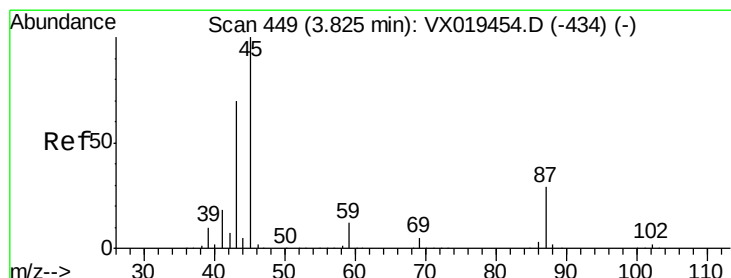
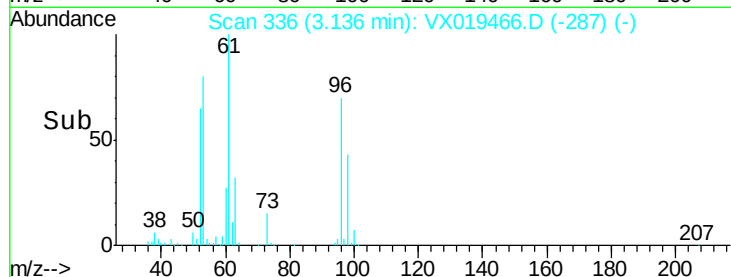
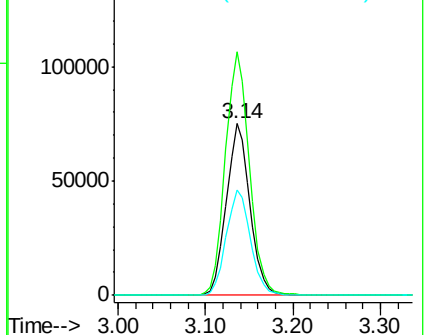
98 61.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.290 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion: 45 Resp: 465105

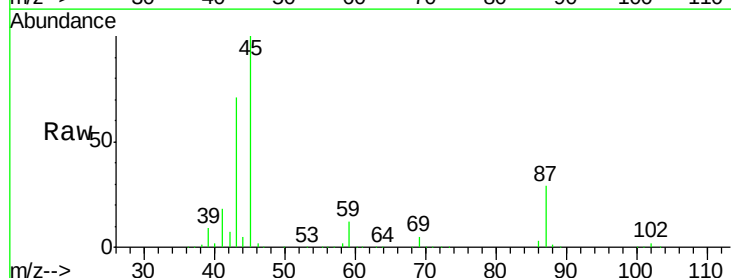
Ion Ratio Lower Upper

45 100

43 71.4 56.6 84.8

87 28.7 22.9 34.3

59 11.7 9.6 14.4

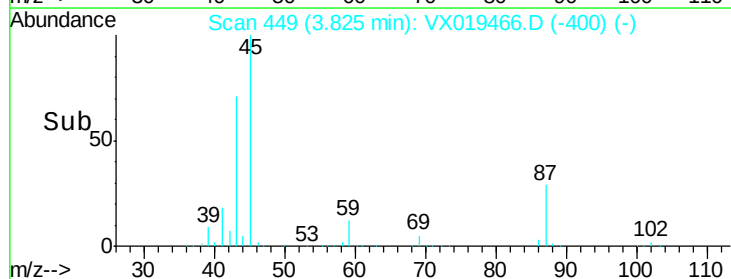
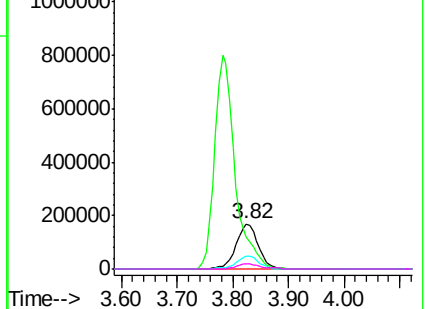


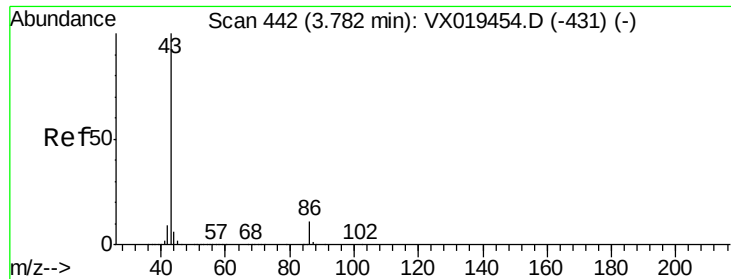
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.469 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

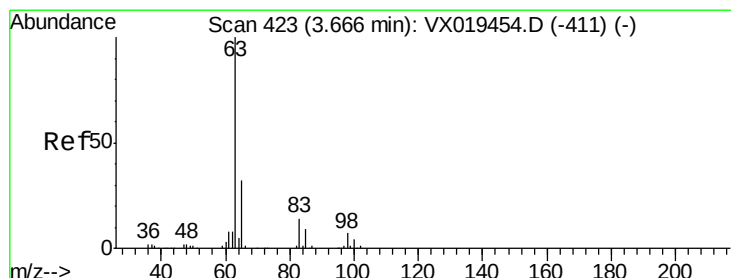
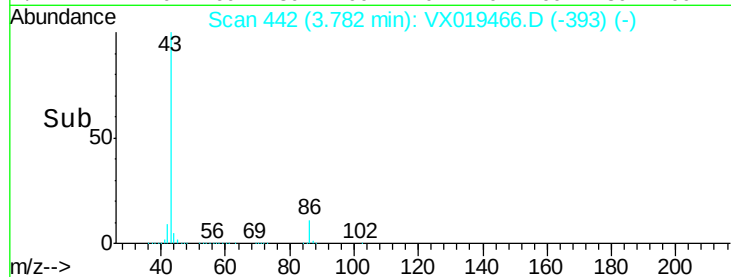
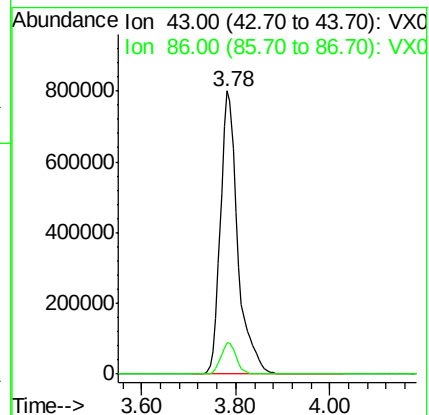
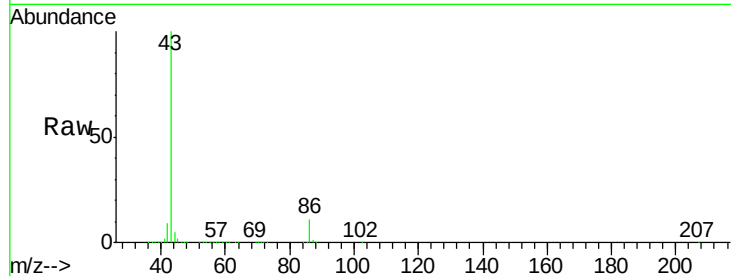
VSTDCCC050EC

Tot Ion: 43 Resp: 2041268

Ion Ratio Lower Upper

43 100

86 11.1 8.8 13.2



#24

1,1-Dichloroethane

Concen: 50.520 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

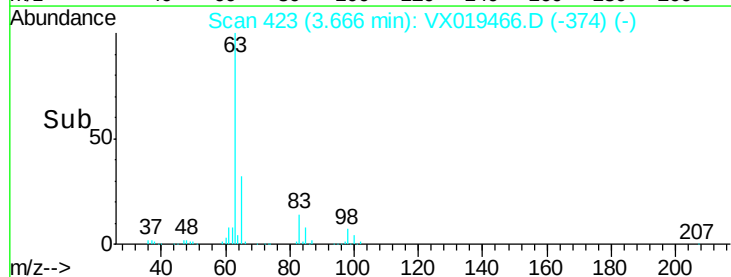
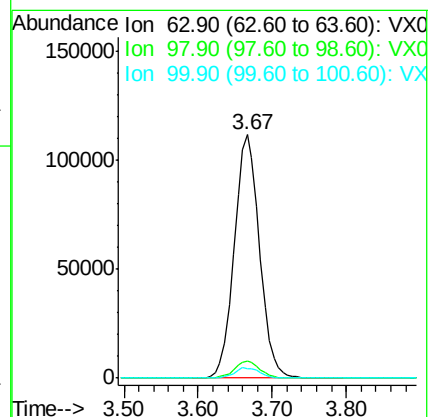
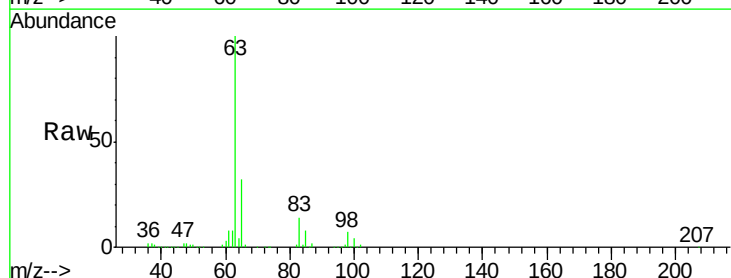
Tgt Ion: 63 Resp: 263718

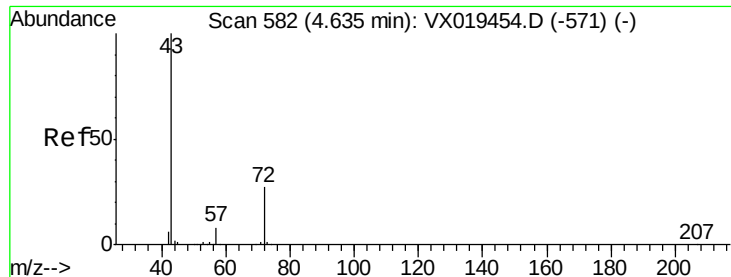
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.0 2.2 6.6





#25

2-Butanone

Concen: 262.133 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

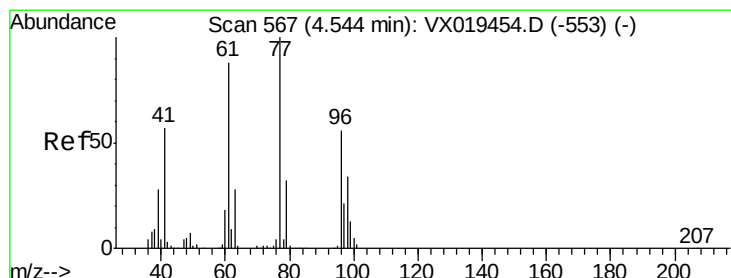
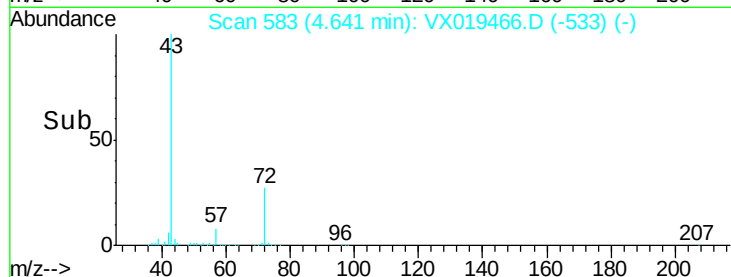
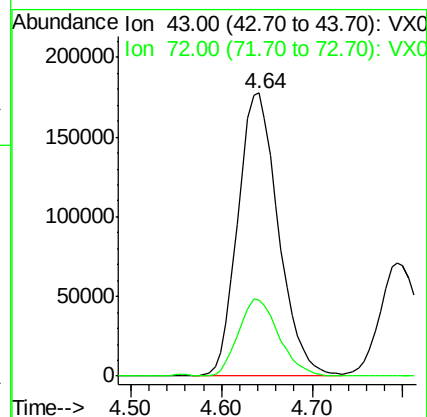
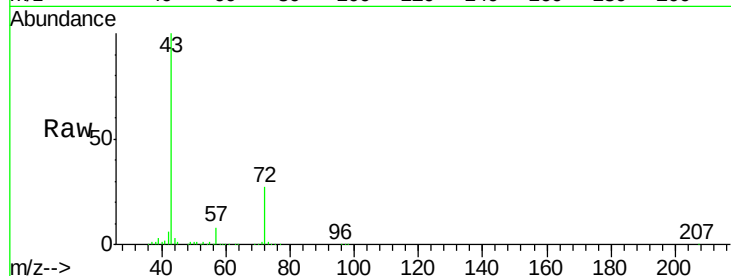
VSTDCCC050EC

Tot Ion: 43 Resp: 546982

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 48.835 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019466.D

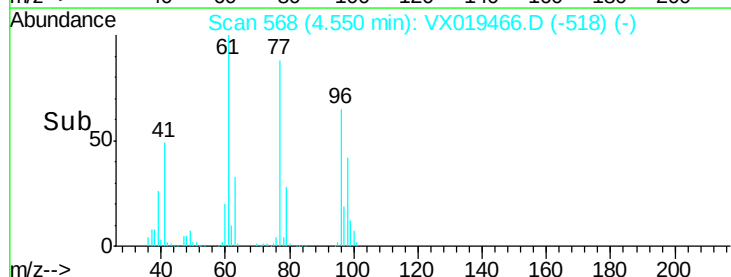
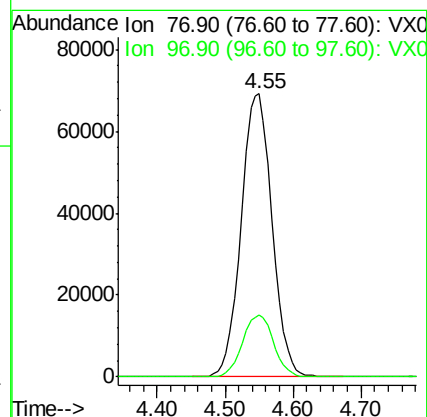
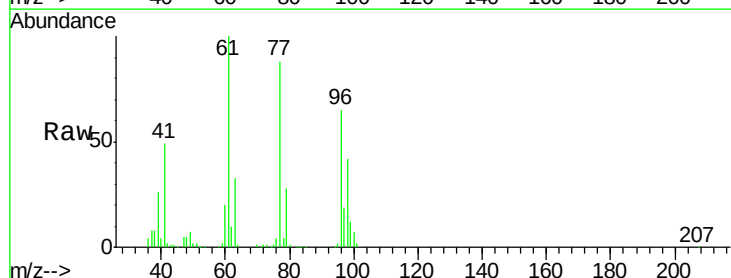
Acq: 18 Nov 2020 21:18

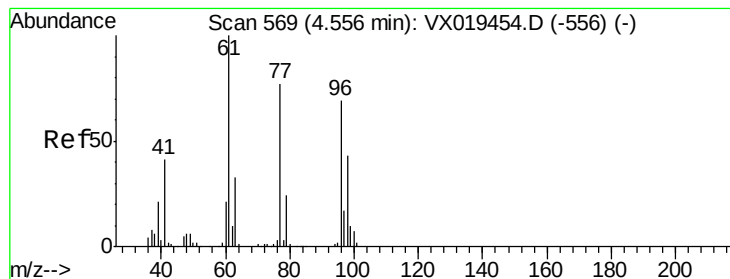
Tgt Ion: 77 Resp: 217715

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9



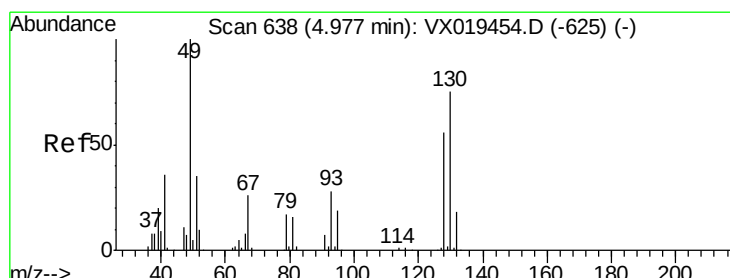
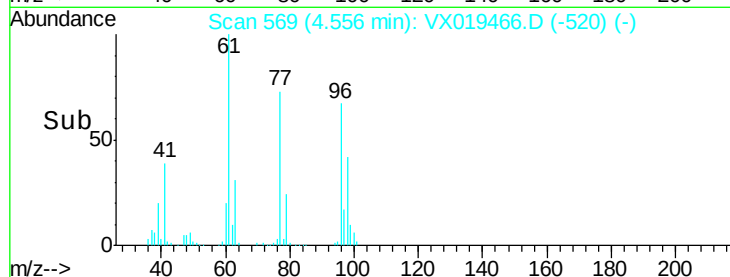
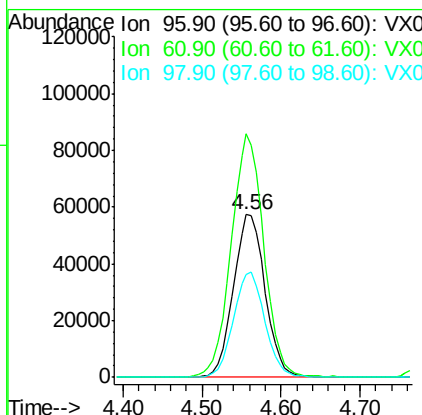
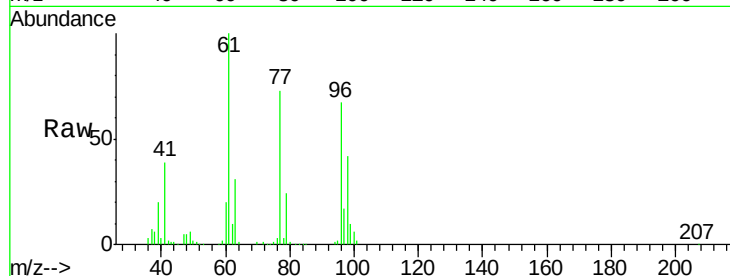


#27

cis-1,2-Dichloroethene
 Concen: 51.312 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

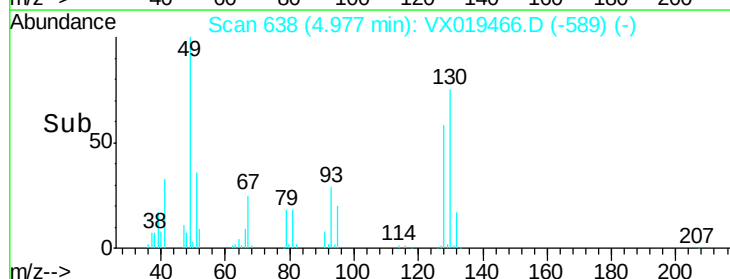
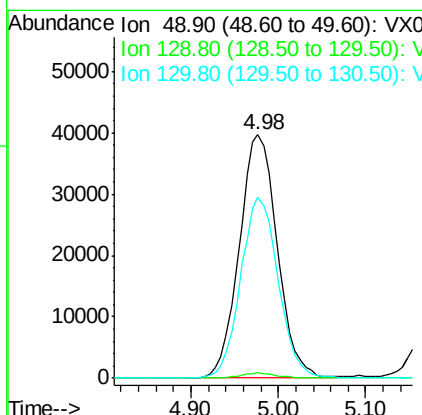
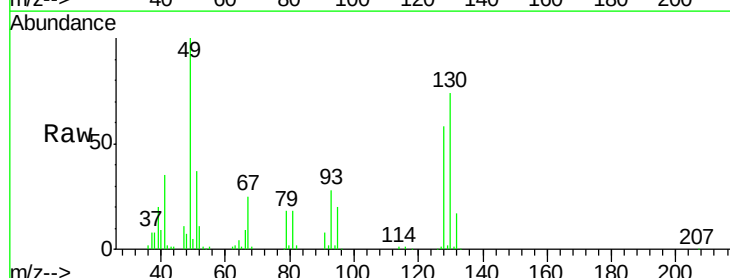
Tot Ion	96	Resp	160497
Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	307.8
98	64.1	0.0	128.6

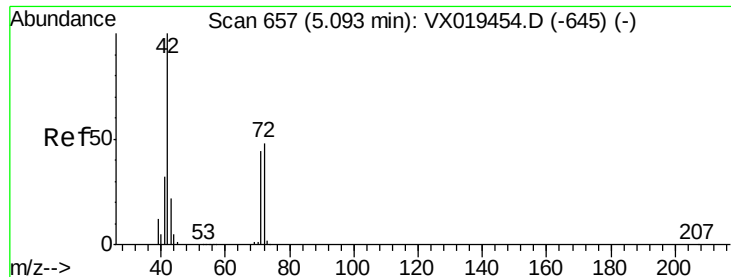


#28

Bromochloromethane
 Concen: 48.416 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	49	Resp	120075
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	73.4	59.2	88.8





#29

Tetrahydrofuran

Concen: 264.964 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

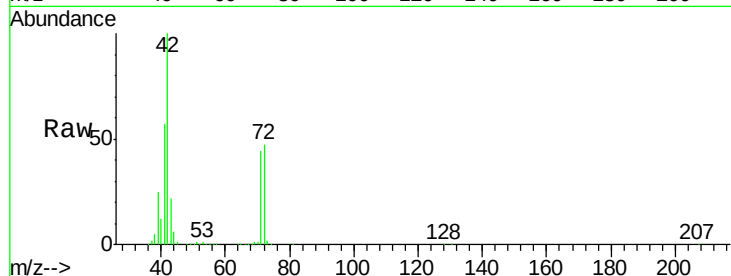
Tot Ion: 42 Resp: 356413

Ion Ratio Lower Upper

42 100

72 47.0 38.1 57.1

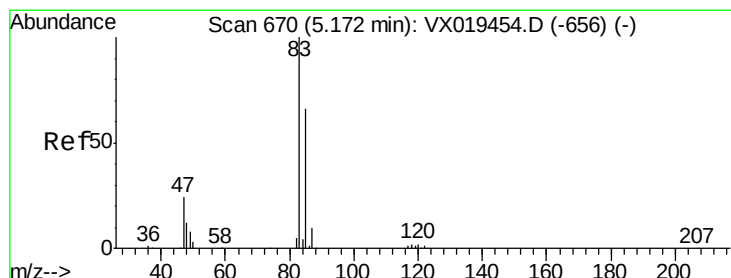
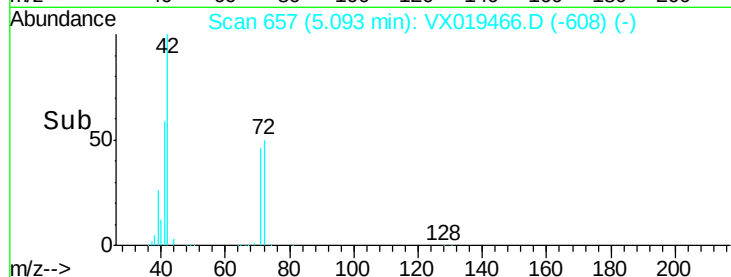
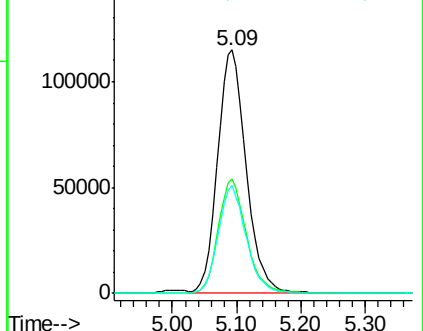
71 43.5 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.893 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX019466.D

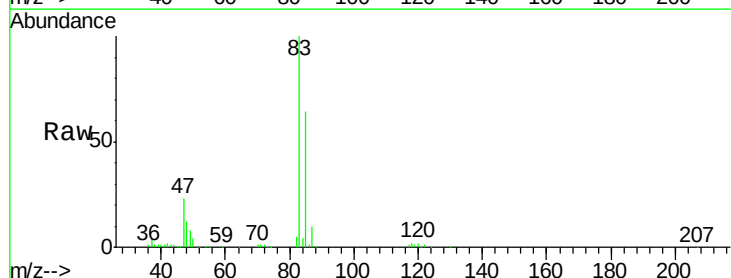
Acq: 18 Nov 2020 21:18

Tgt Ion: 83 Resp: 270935

Ion Ratio Lower Upper

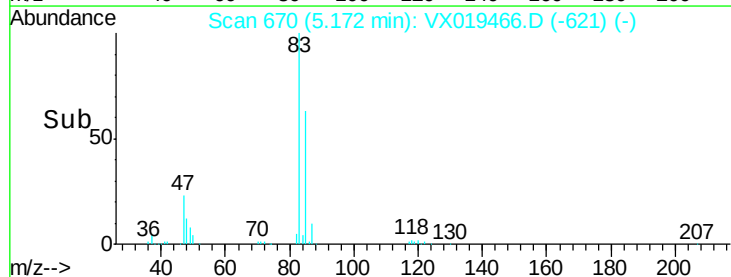
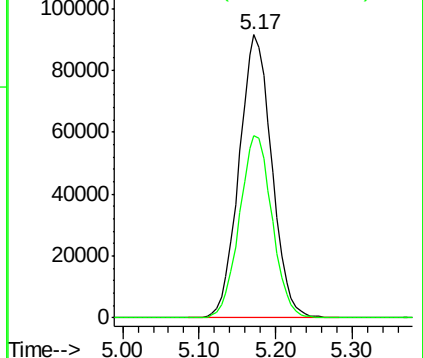
83 100

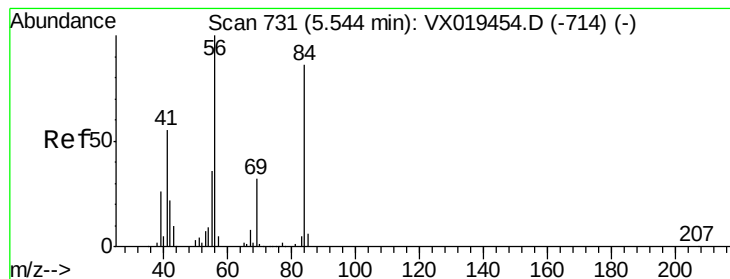
85 64.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.717 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

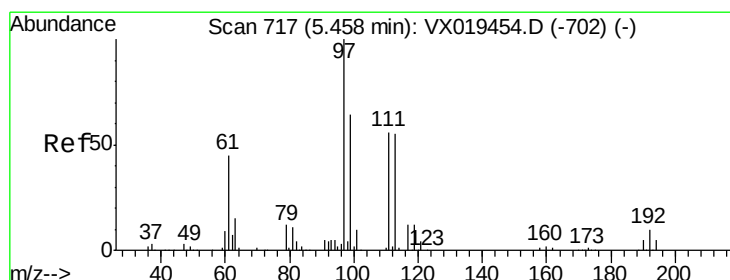
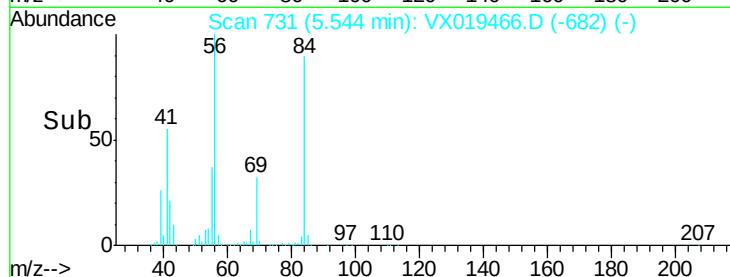
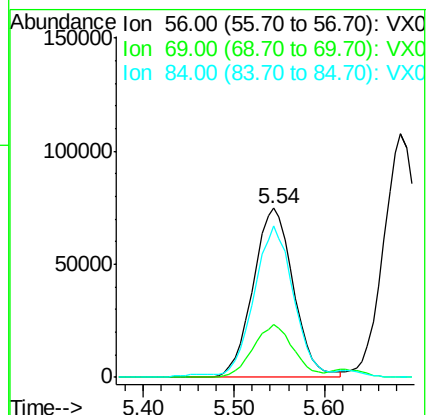
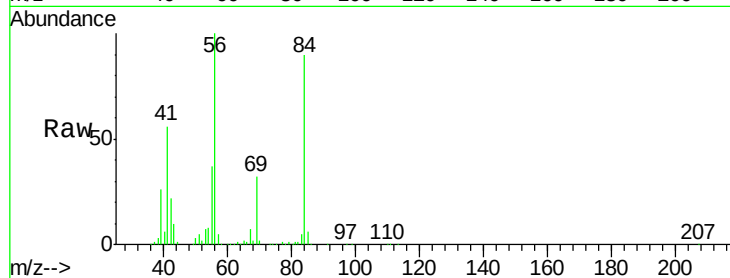
Tot Ion: 56 Resp: 230356

Ion Ratio Lower Upper

56 100

69 31.6 25.2 37.8

84 87.8 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 51.323 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

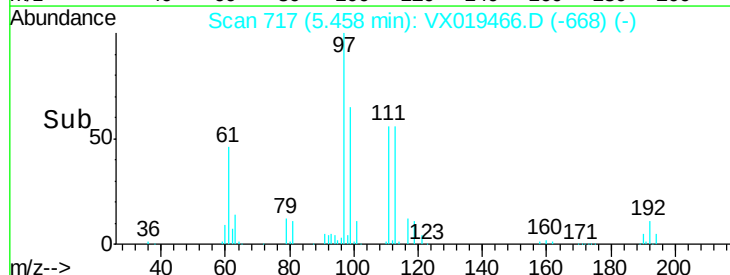
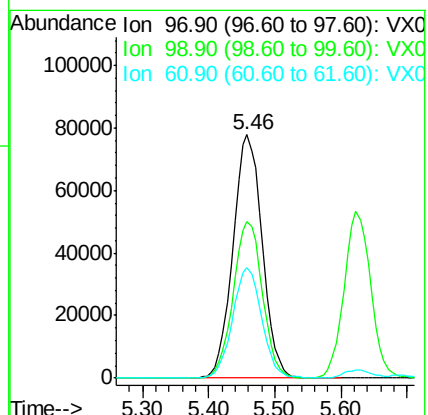
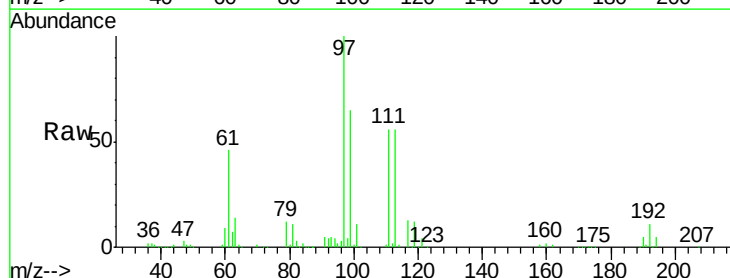
Tgt Ion: 97 Resp: 238409

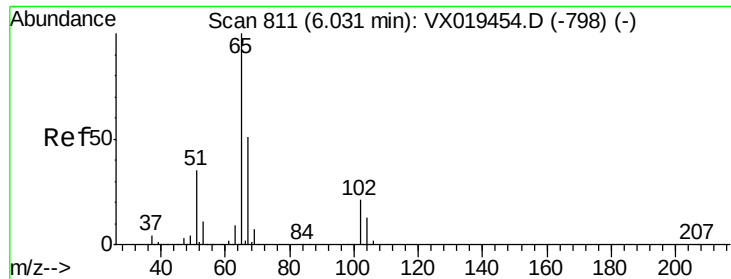
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 45.2 36.2 54.2

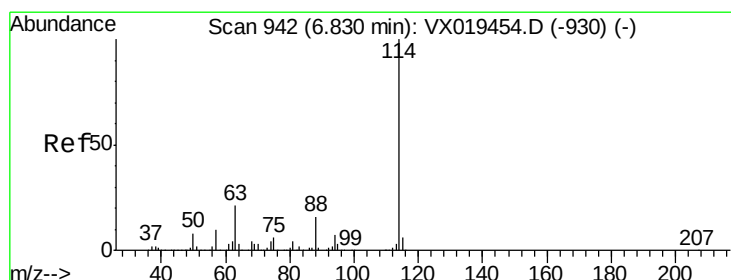
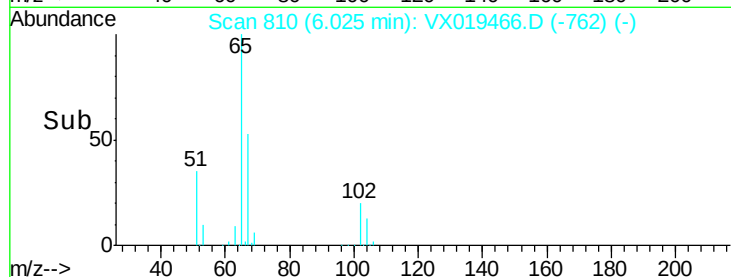
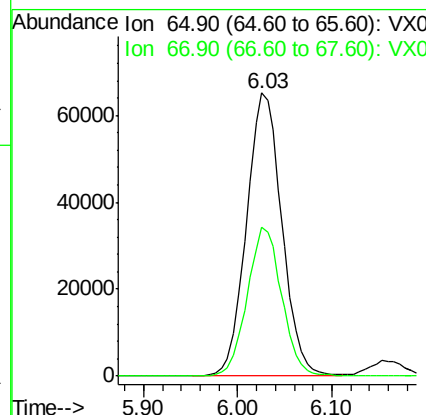
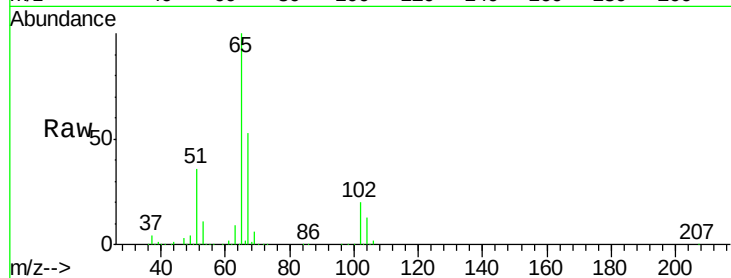




#33
 1,2-Dichloroethane-d4
 Concen: 47.433 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

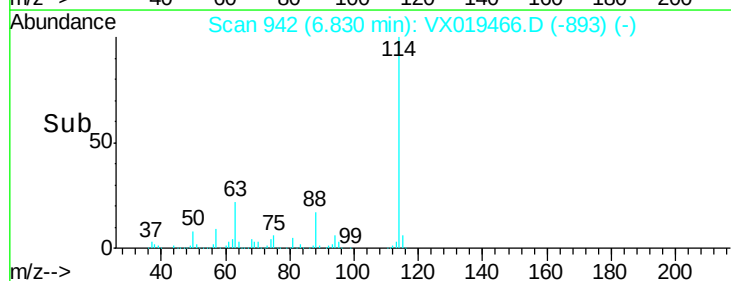
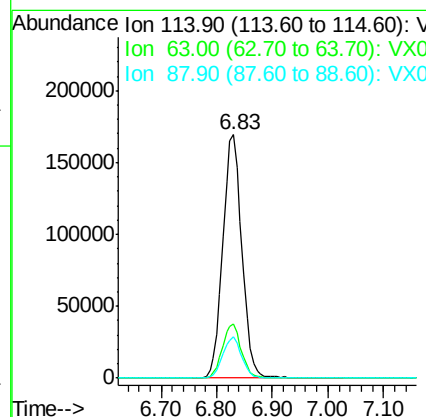
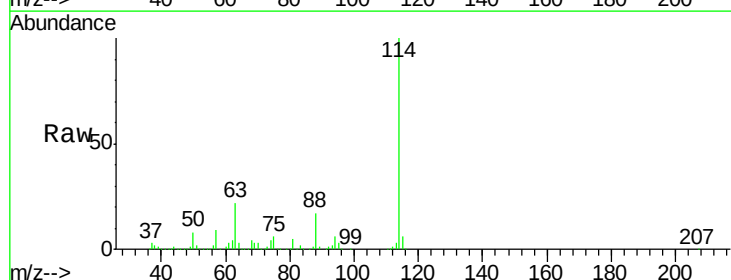
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

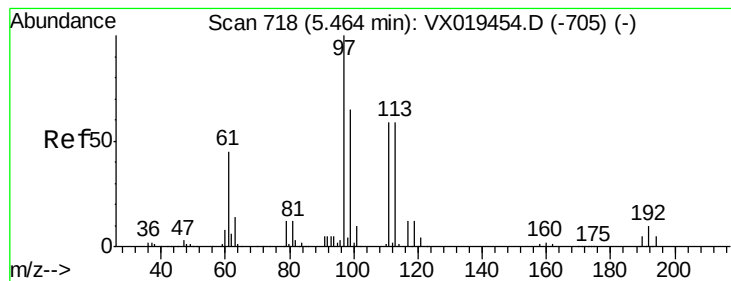
Tot Ion: 65 Resp: 171532
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 114 Resp: 401464
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.0
 88 16.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.583 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

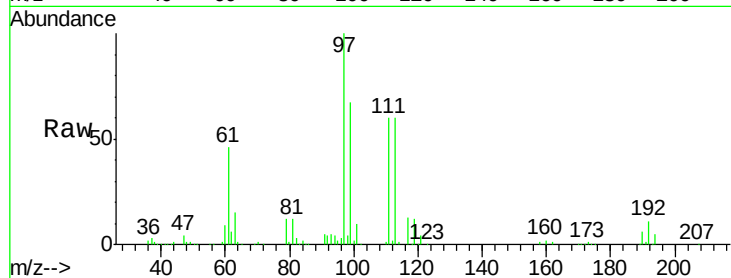
Tot Ion:113 Resp: 125699

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

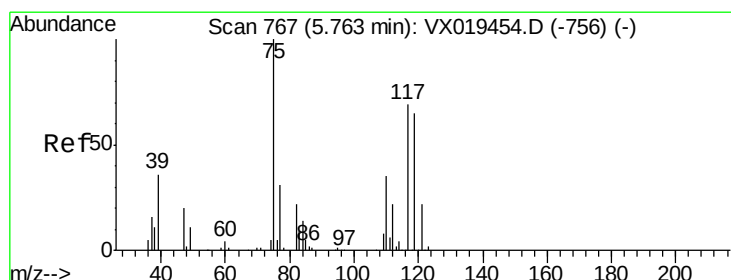
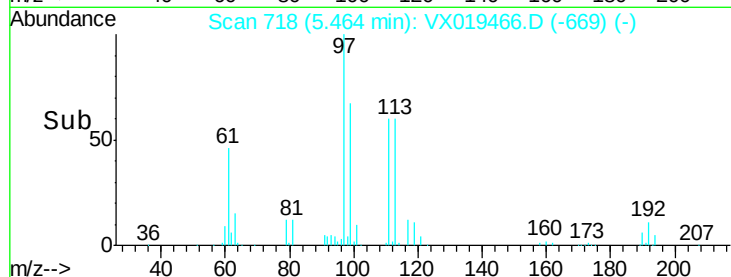
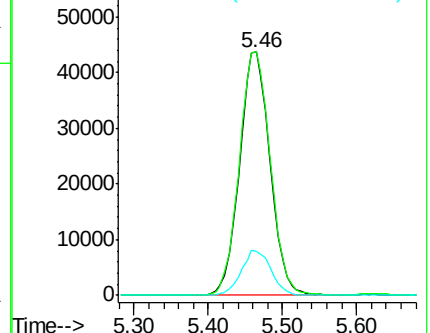
192 18.2 14.2 21.4



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: 50.249 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

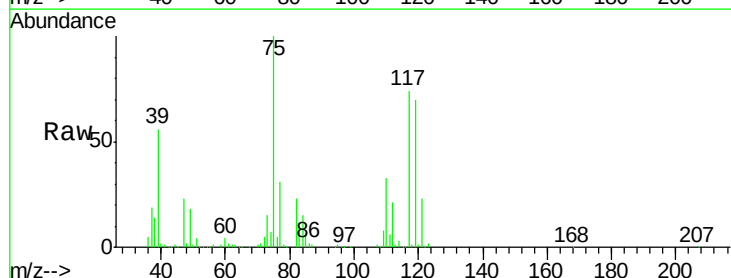
Tgt Ion: 75 Resp: 202212

Ion Ratio Lower Upper

75 100

110 33.2 17.0 50.9

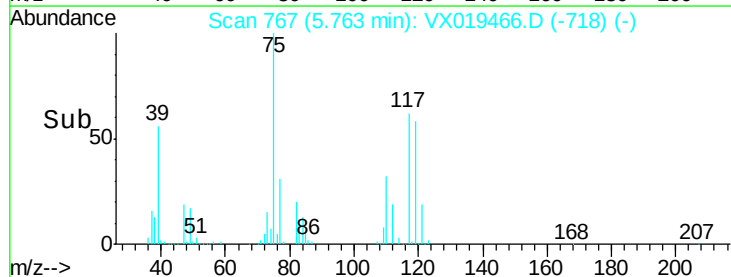
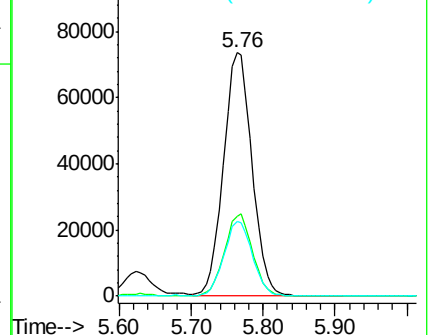
77 30.9 24.7 37.1

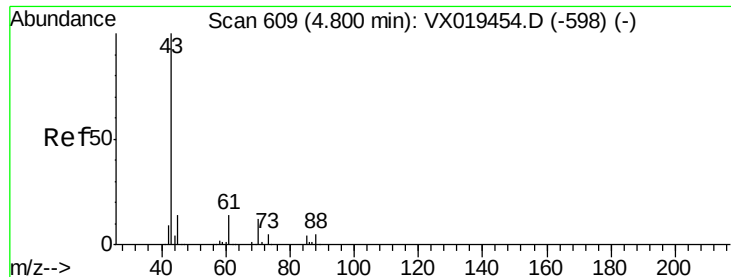


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

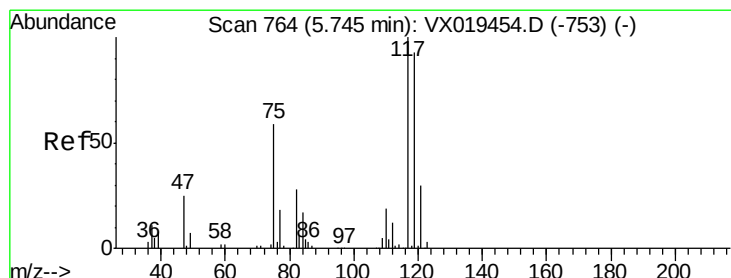
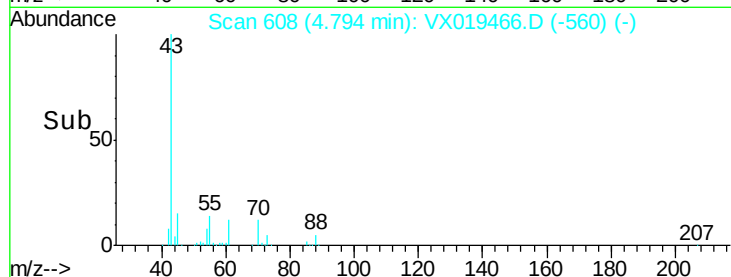
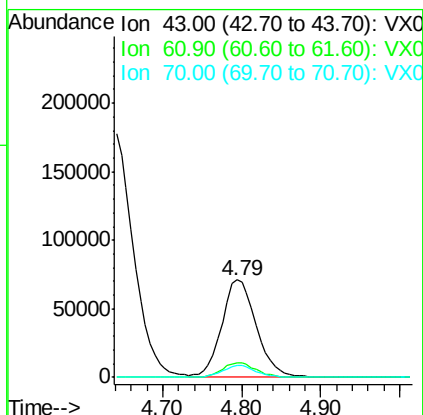
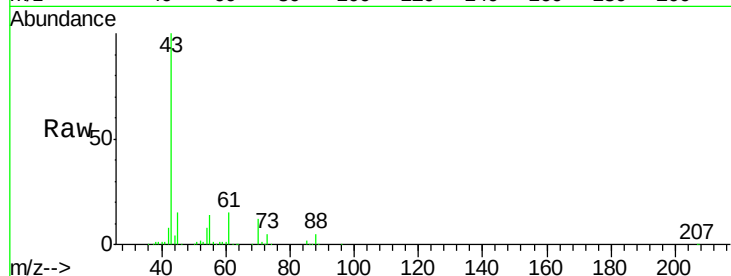




#37
Ethyl Acetate
Concen: 52.162 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

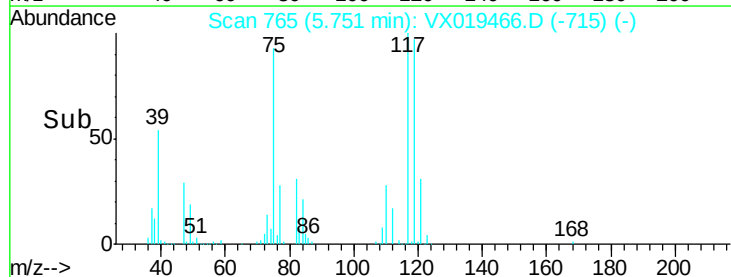
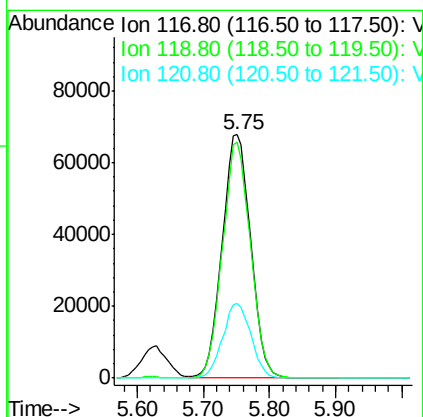
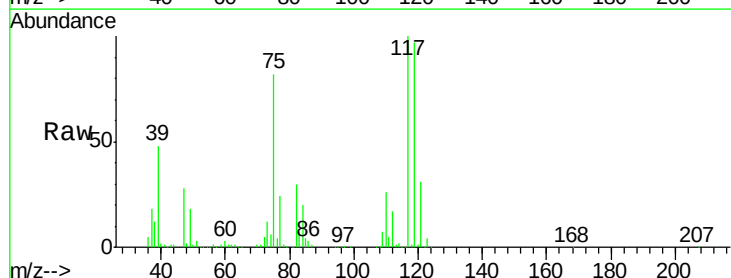
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

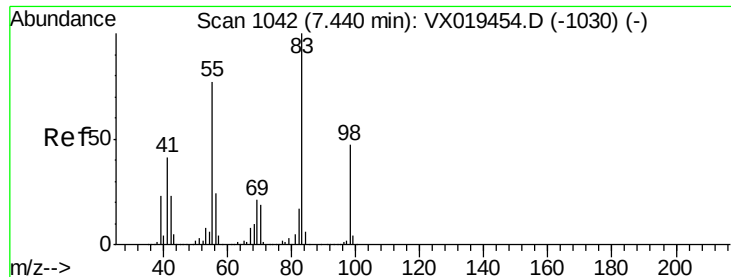
Tot Ion: 43 Resp: 215946
Ion Ratio Lower Upper
43 100
61 14.7 11.6 17.4
70 11.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 51.063 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 117 Resp: 202690
Ion Ratio Lower Upper
117 100
119 97.0 74.1 111.1
121 30.6 23.6 35.4

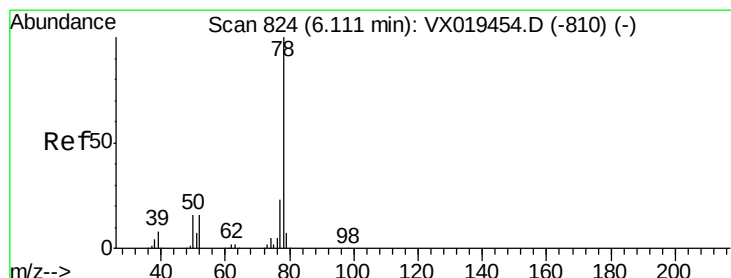
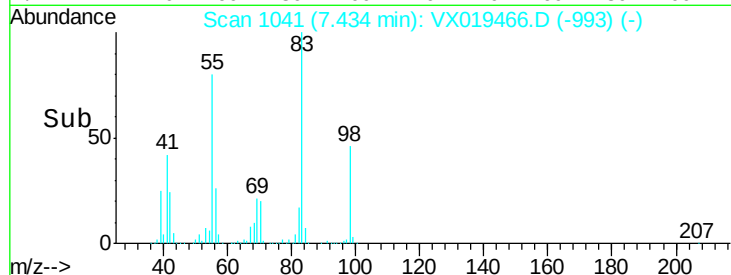
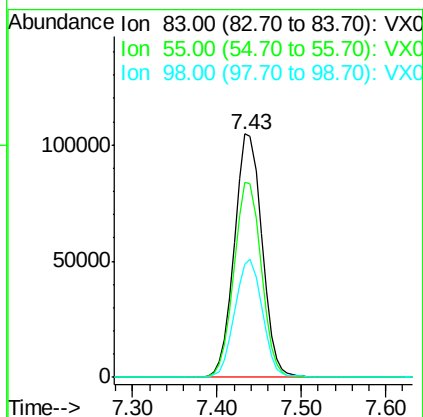
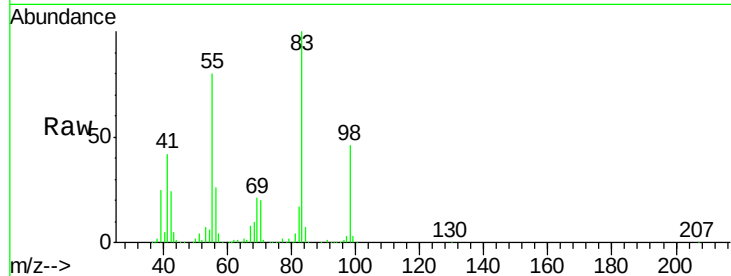




#39
Methylvlcyclohexane
Concen: 51.334 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

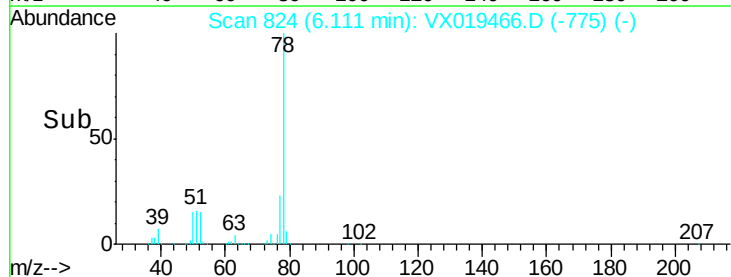
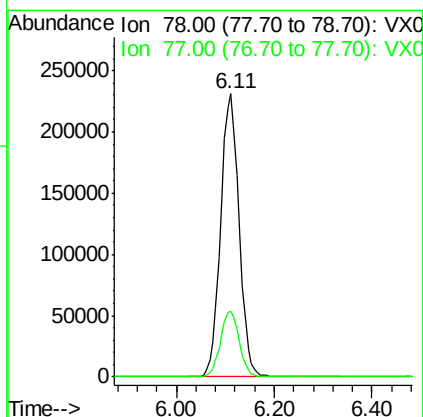
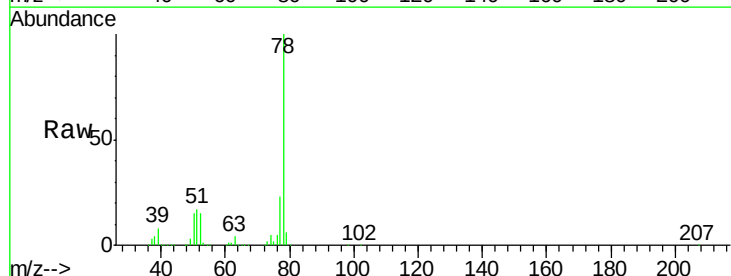
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

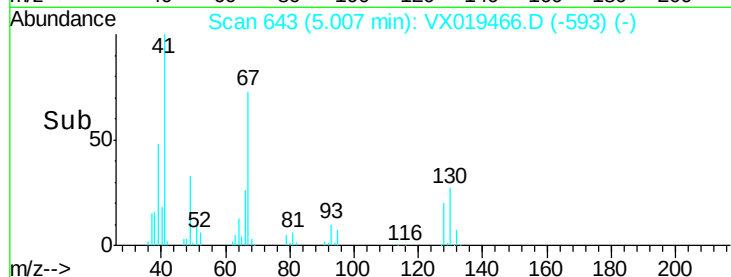
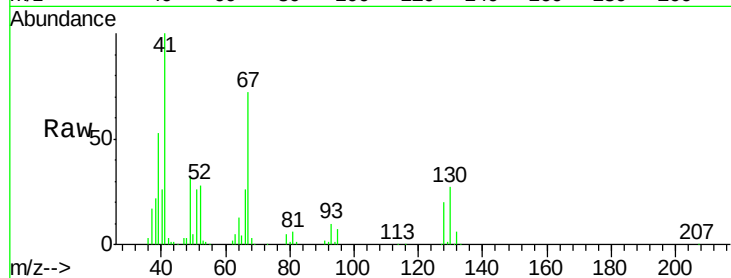
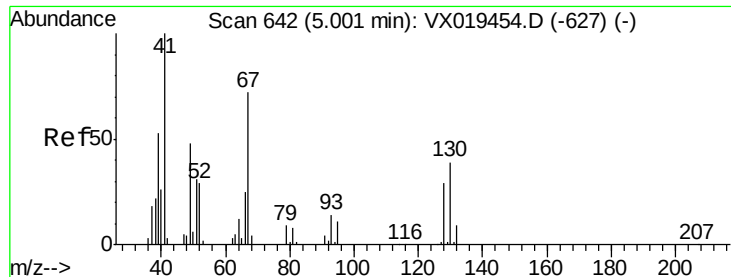
Tot Ion: 83 Resp: 232277
Ion Ratio Lower Upper
83 100
55 80.3 61.4 92.0
98 46.2 37.6 56.4



#40
Benzene
Concen: 50.374 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 78 Resp: 603984
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





#41

Methacrylonitrile

Concen: 53.225 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 120678

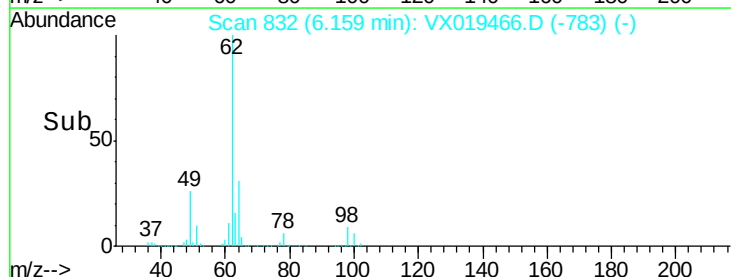
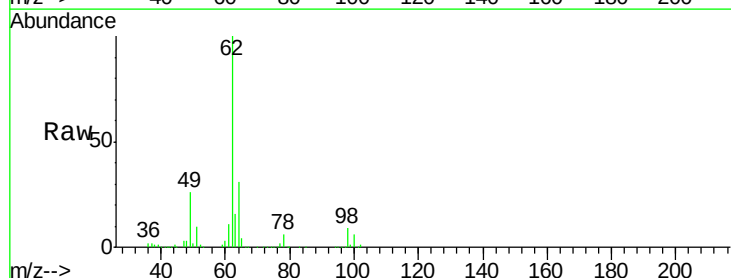
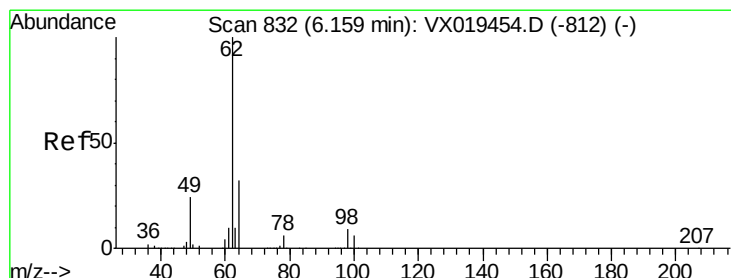
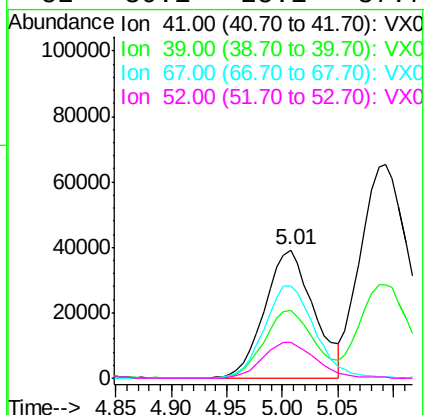
Ion Ratio Lower Upper

41 100

39 54.3 44.6 67.0

67 73.8 60.6 91.0

52 30.1 25.1 37.7



#42

1,2-Dichloroethane

Concen: 50.373 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019466.D

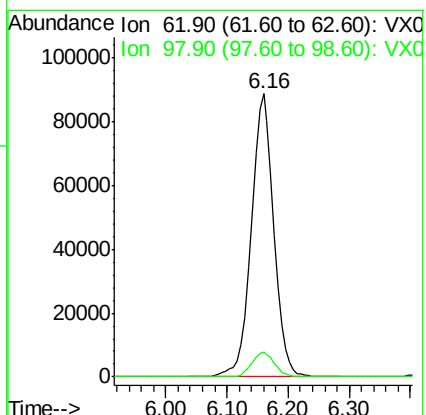
Acq: 18 Nov 2020 21:18

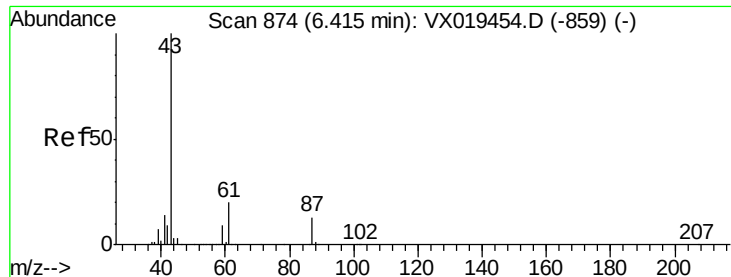
Tgt Ion: 62 Resp: 229503

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 51.671 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

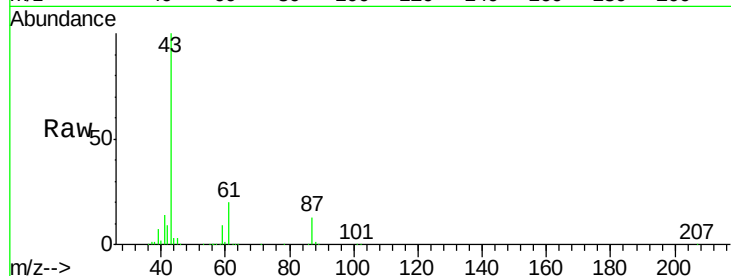
Tot Ion: 43 Resp: 354517

Ion Ratio Lower Upper

43 100

61 20.8 16.2 24.4

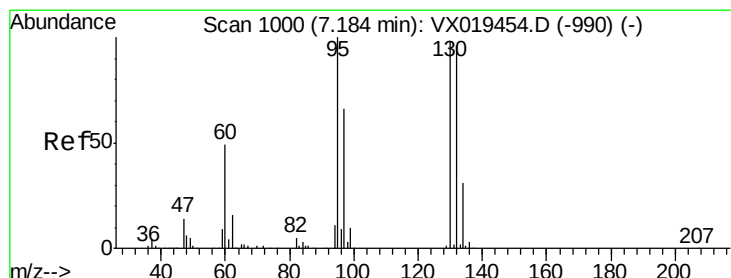
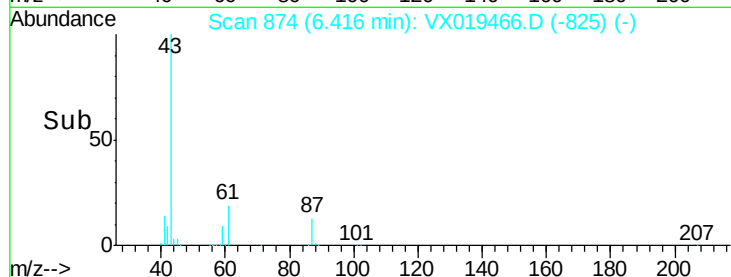
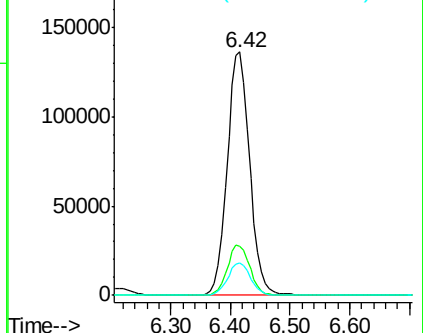
87 13.6 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.660 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019466.D

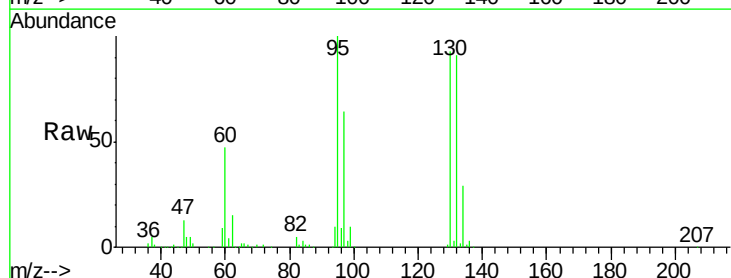
Acq: 18 Nov 2020 21:18

Tgt Ion: 130 Resp: 150119

Ion Ratio Lower Upper

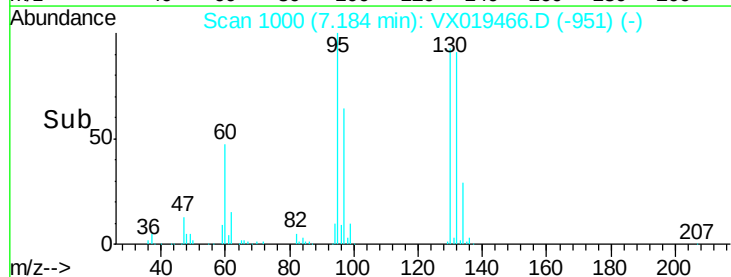
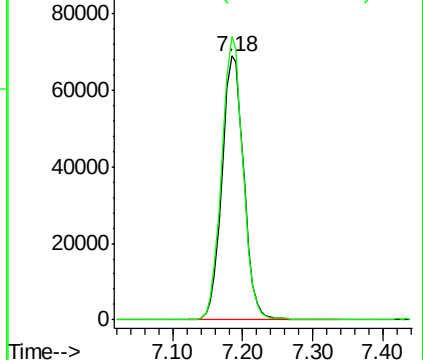
130 100

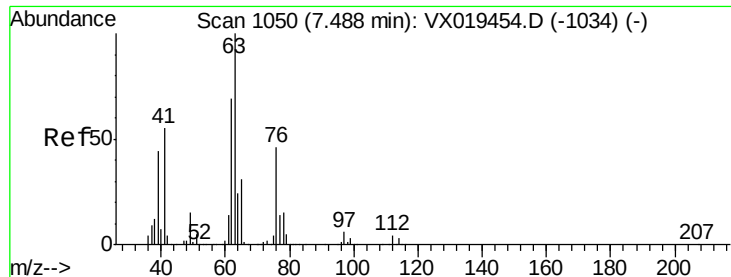
95 107.4 0.0 204.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

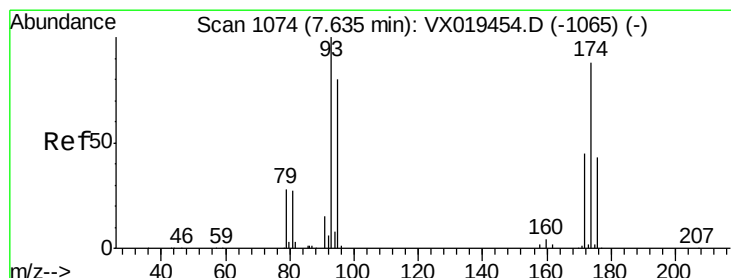
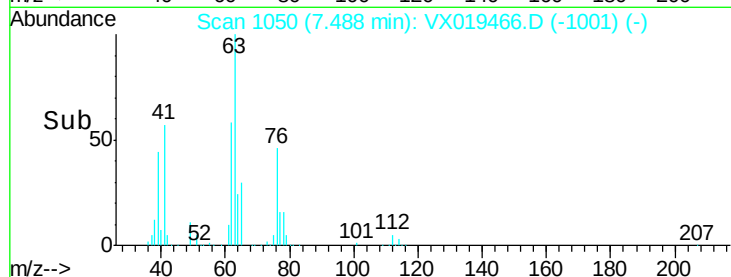
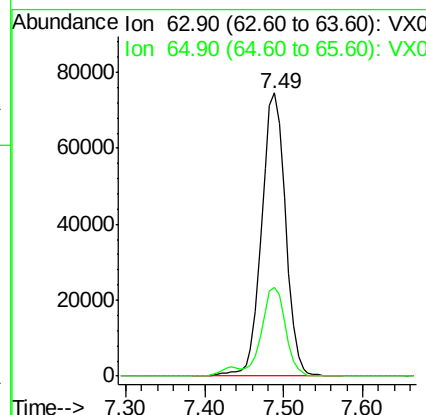
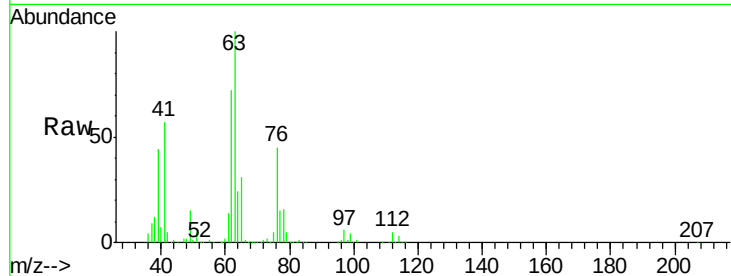




#45
 1,2-Dichloropropane
 Concen: 50.820 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

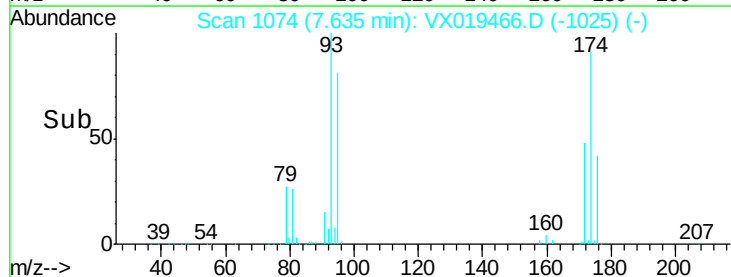
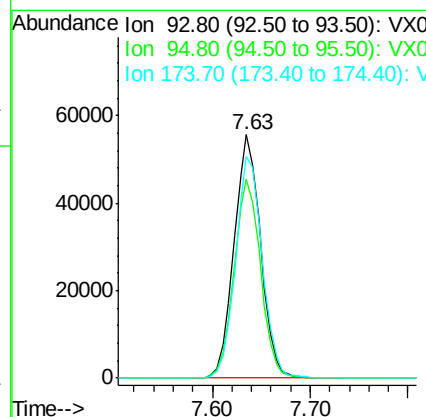
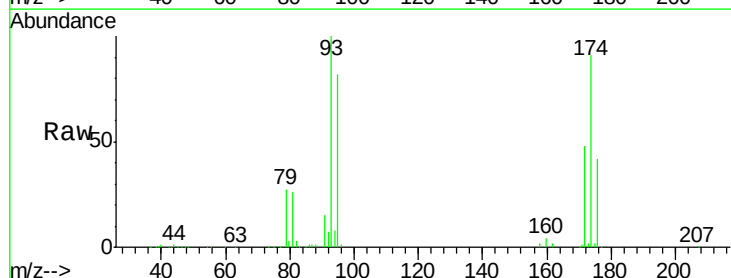
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

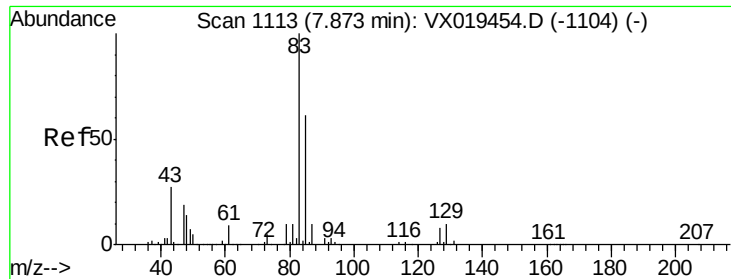
Tot Ion: 63 Resp: 157999
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#46
 Dibromomethane
 Concen: 51.437 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 93 Resp: 105040
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.4 98.2
 174 91.4 72.2 108.4





#47

Bromodichloromethane

Concen: 52.684 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

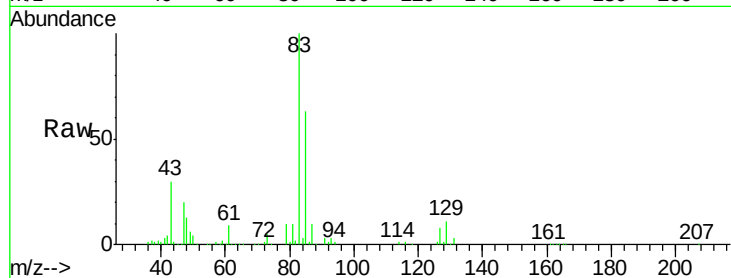
Tot Ion: 83 Resp: 212827

Ion Ratio Lower Upper

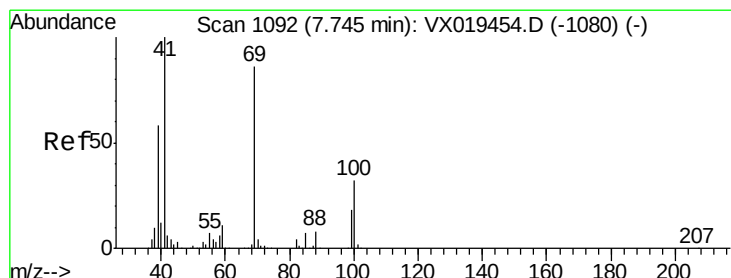
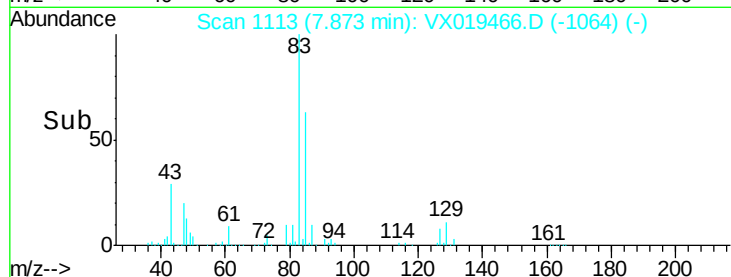
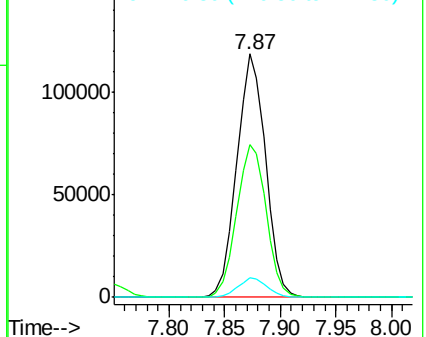
83 100

85 62.9 49.0 73.4

127 8.2 6.3 9.5



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: 53.502 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

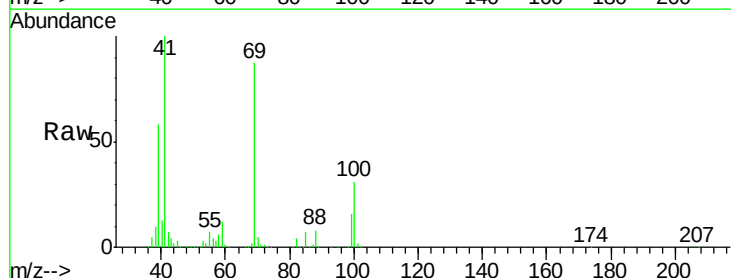
Tgt Ion: 41 Resp: 177328

Ion Ratio Lower Upper

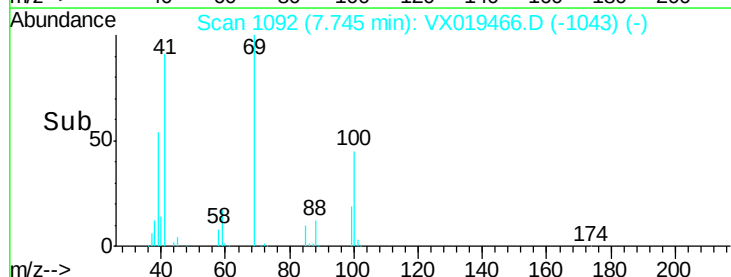
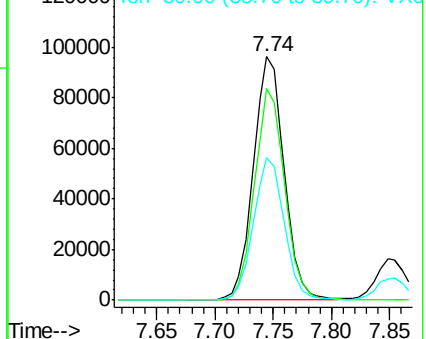
41 100

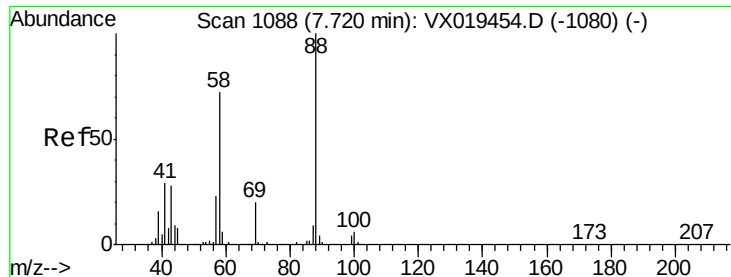
69 85.5 68.4 102.6

39 58.3 46.6 70.0



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





#49

1,4-Dioxane

Concen: 1089.154 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

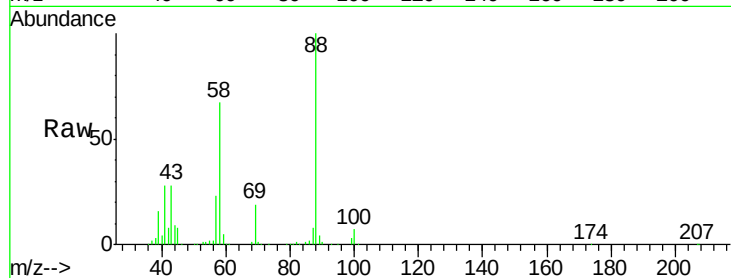
Tot Ion: 88 Resp: 71162

Ion Ratio Lower Upper

88 100

43 32.6 25.9 38.9

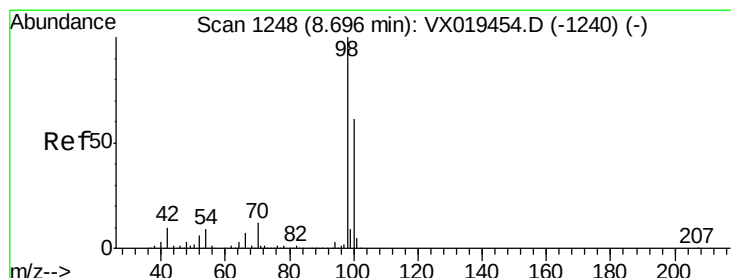
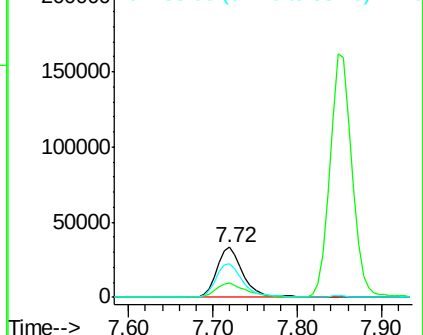
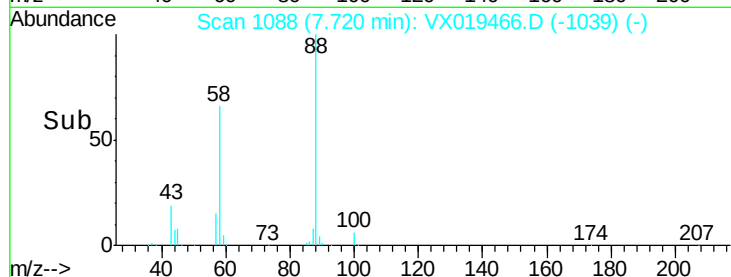
58 70.4 56.6 84.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.891 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019466.D

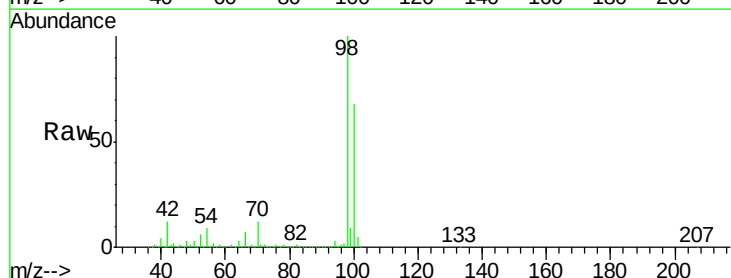
Acq: 18 Nov 2020 21:18

Tgt Ion: 98 Resp: 491627

Ion Ratio Lower Upper

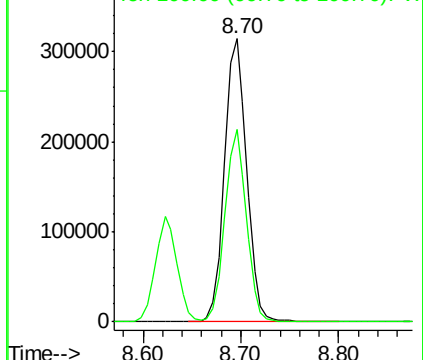
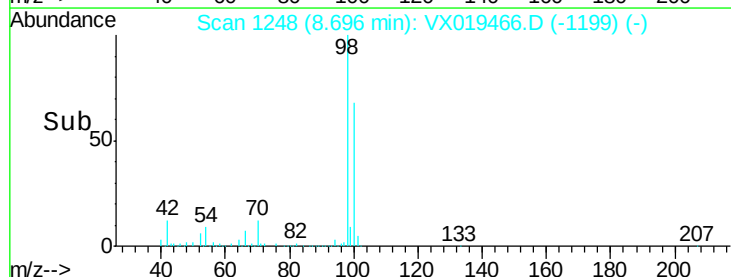
98 100

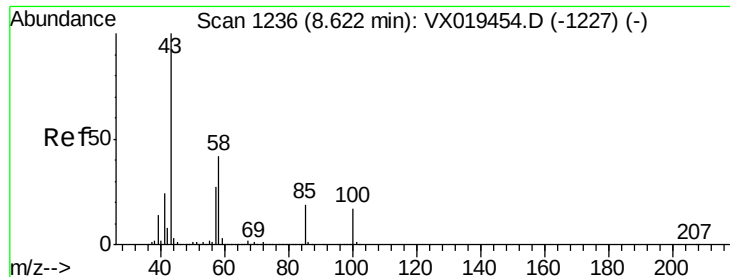
100 66.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 267.938 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

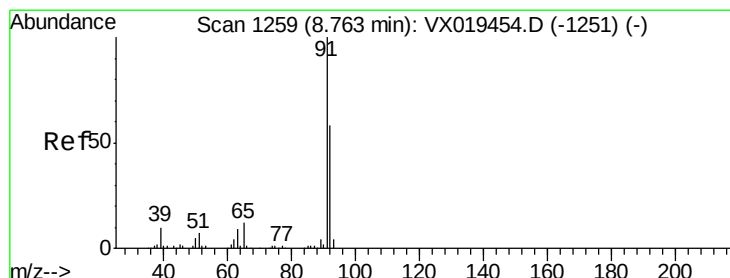
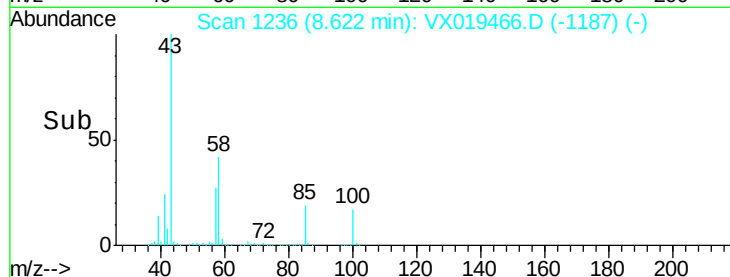
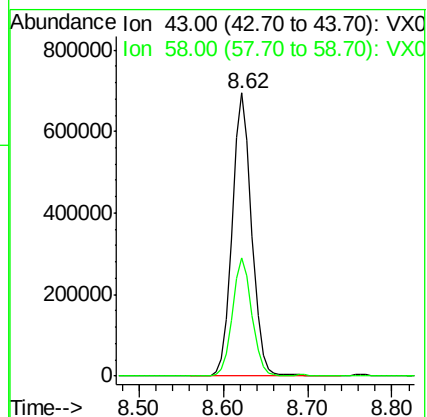
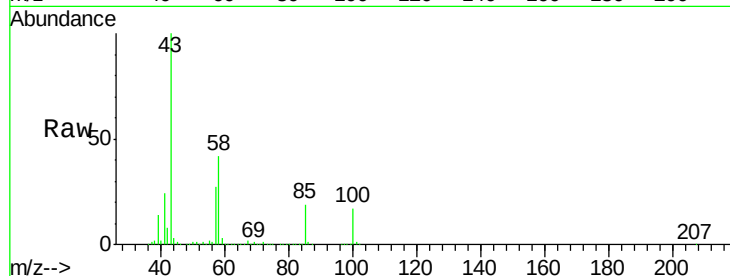
VSTDCCC050EC

Tot Ion: 43 Resp: 1091339

Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.4



#52

Toluene

Concen: 53.026 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019466.D

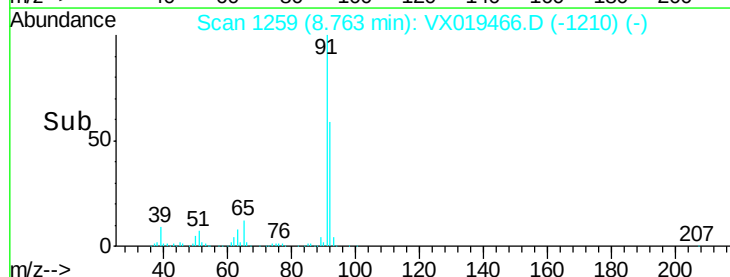
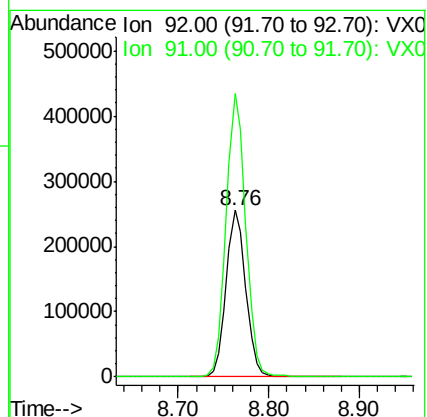
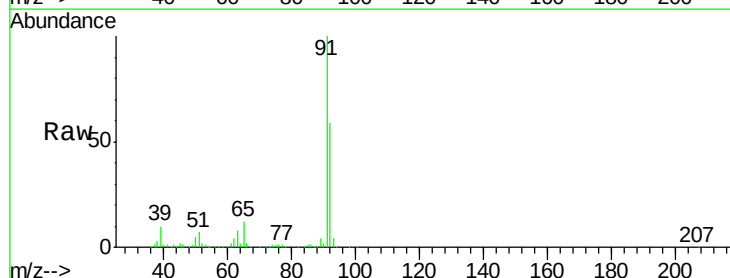
Acq: 18 Nov 2020 21:18

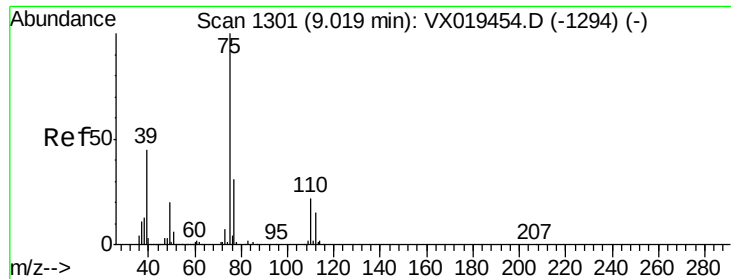
Tgt Ion: 92 Resp: 385943

Ion Ratio Lower Upper

92 100

91 170.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 48.149 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

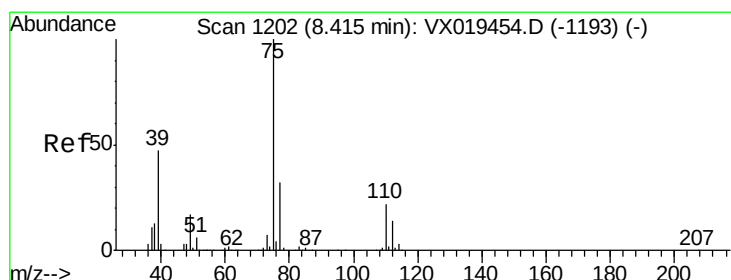
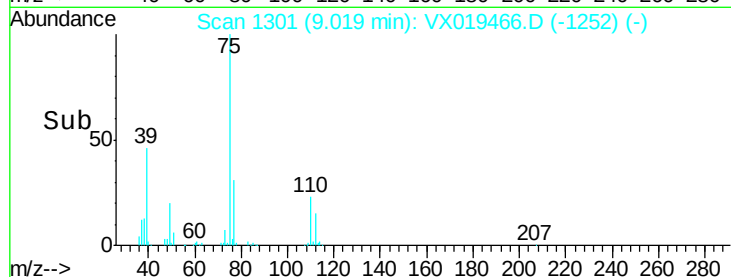
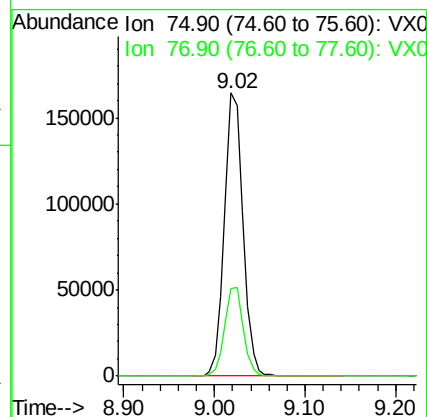
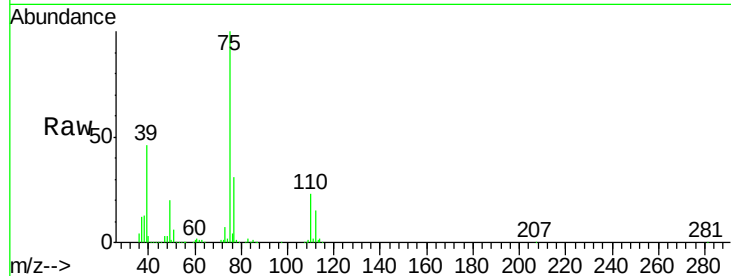
VSTDCCC050EC

Tot Ion: 75 Resp: 236982

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 48.209 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

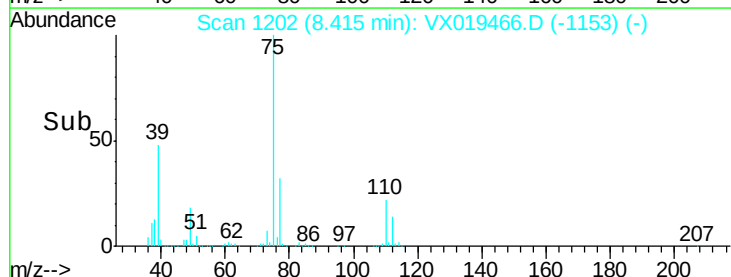
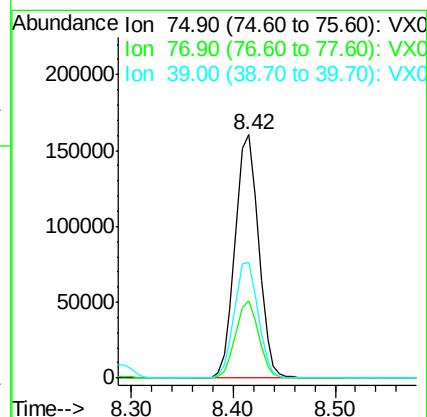
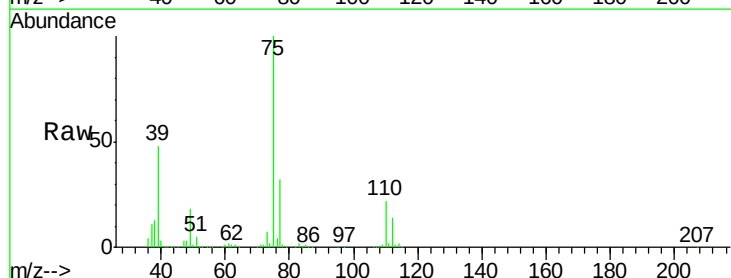
Tgt Ion: 75 Resp: 255496

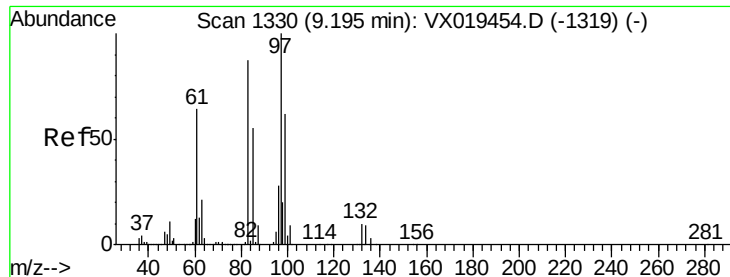
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 47.6 37.4 56.2

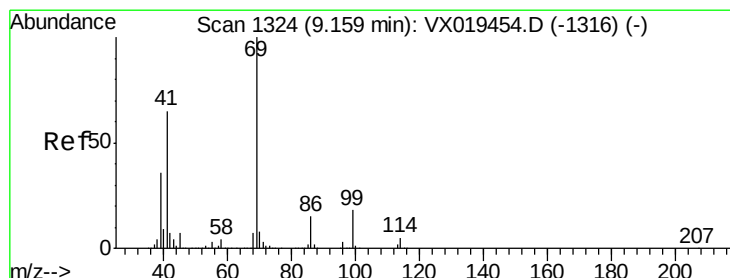
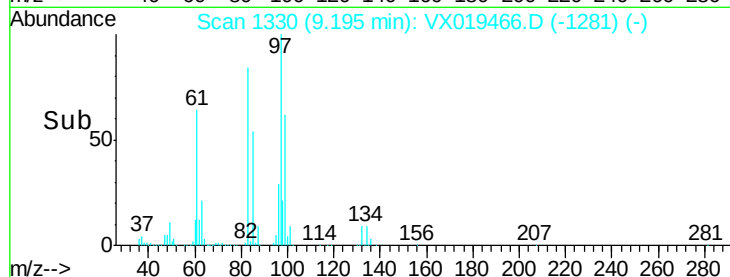
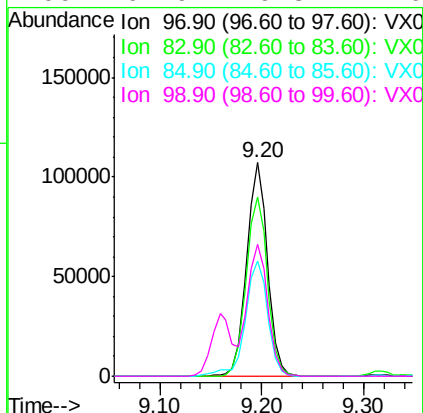
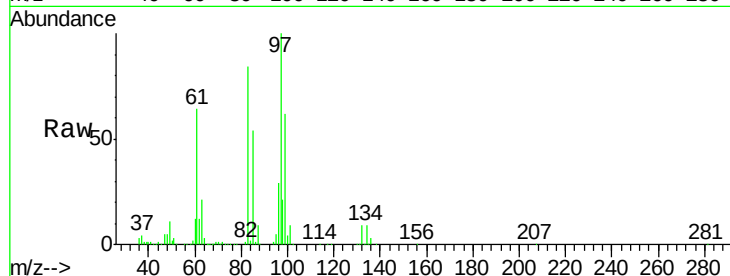




#55
 1,1,2-Trichloroethane
 Concen: 51.891 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

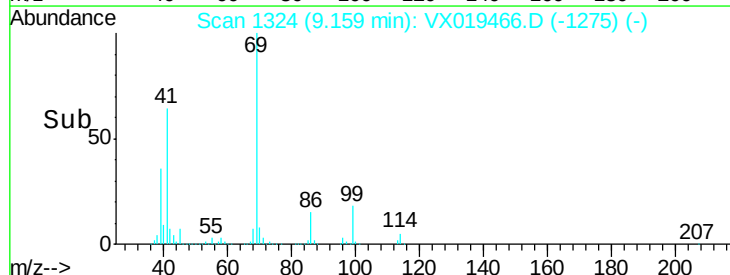
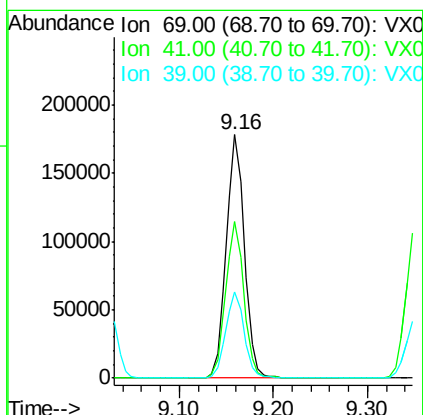
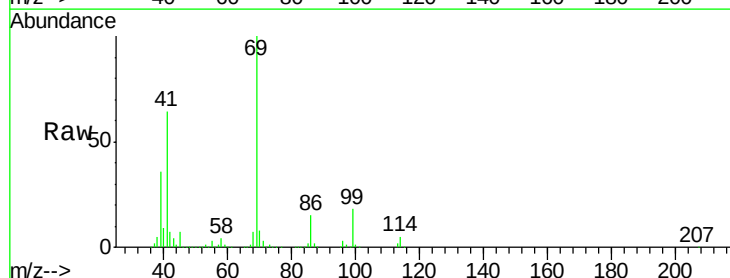
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

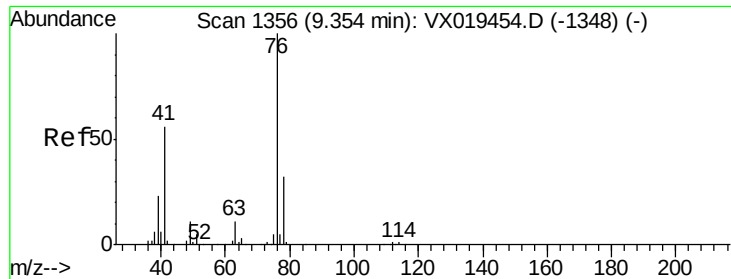
Tot Ion:	97	Resp:	152969
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.7	104.5
85	54.1	44.2	66.4
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 49.709 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion:	69	Resp:	239599
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	36.0	29.5	44.3





#57

1,3-Dichloropropane

Concen: 52.232 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

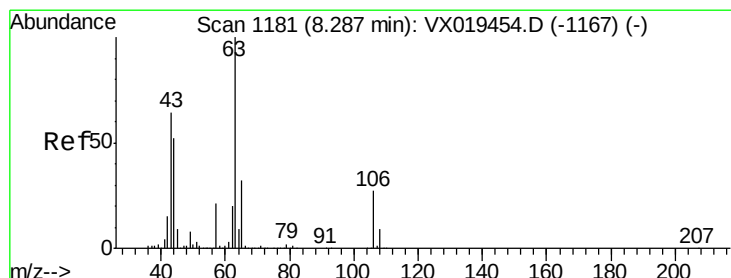
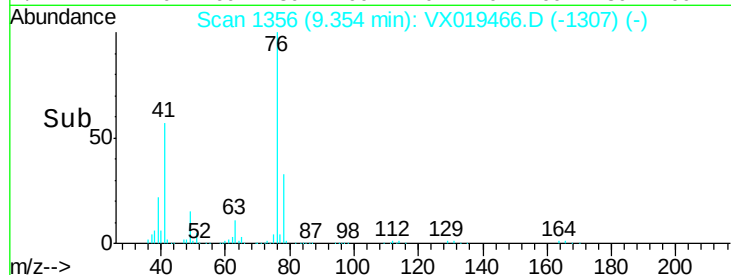
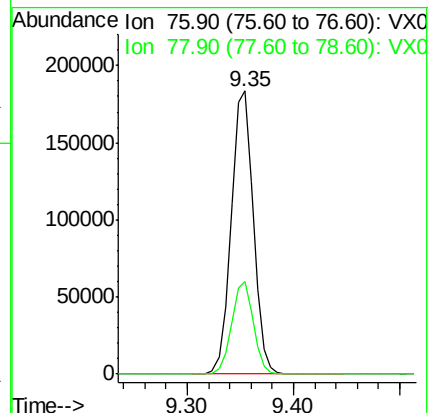
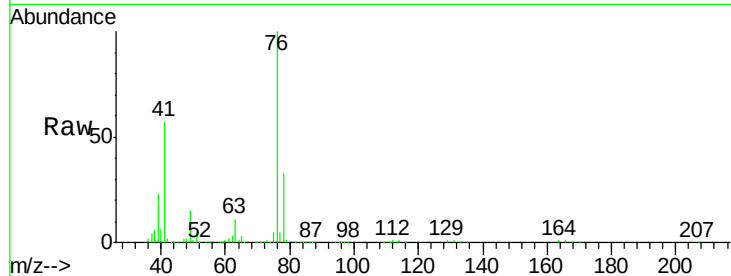
VSTDCCC050EC

Tot Ion: 76 Resp: 267526

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 270.315 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX019466.D

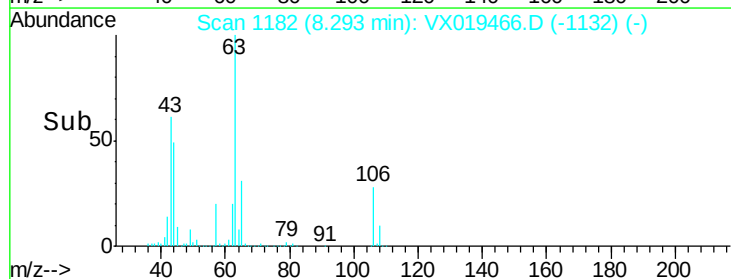
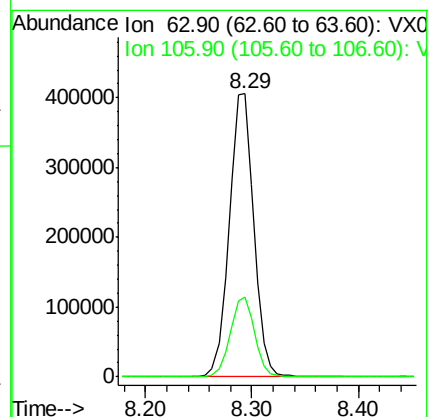
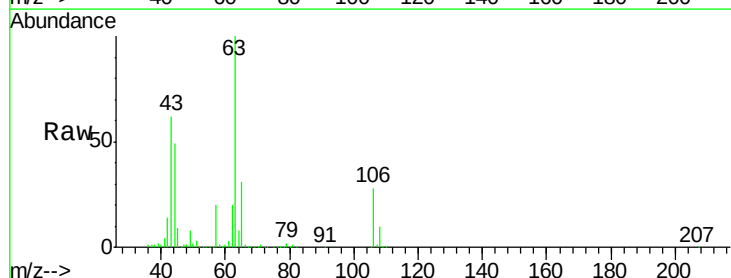
Acq: 18 Nov 2020 21:18

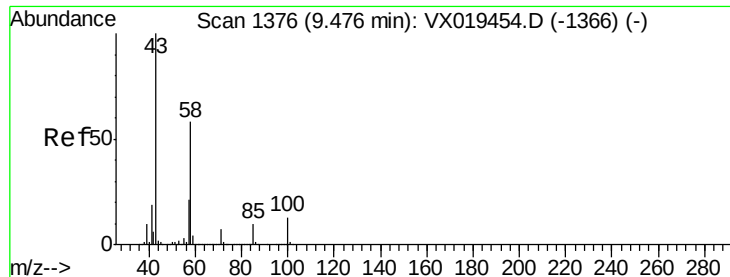
Tgt Ion: 63 Resp: 653072

Ion Ratio Lower Upper

63 100

106 27.9 22.2 33.2

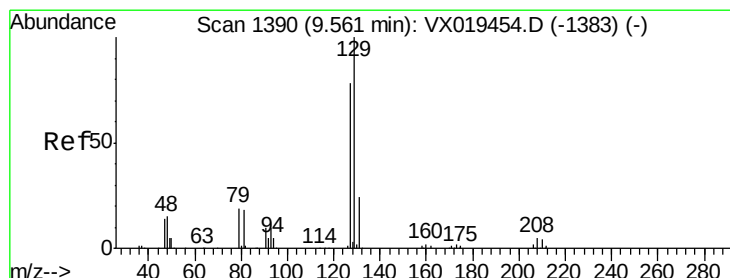
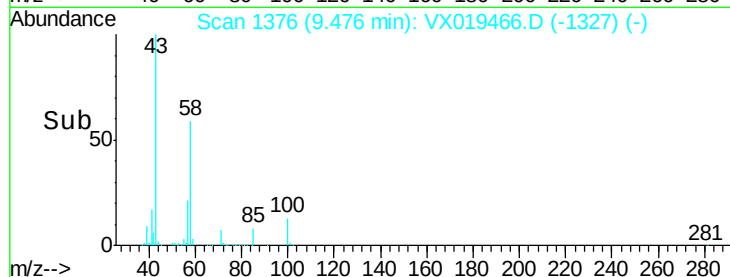
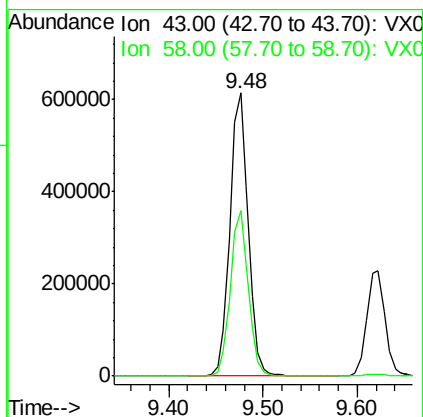
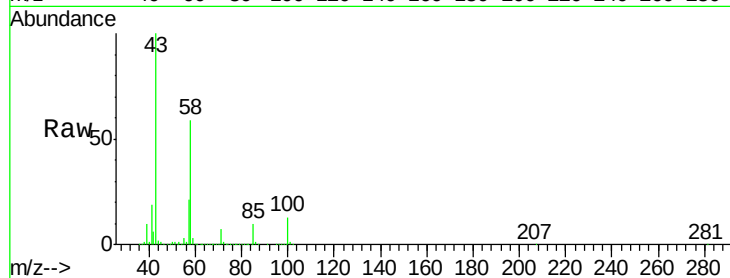




#59
2-Hexanone
Concen: 267.624 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

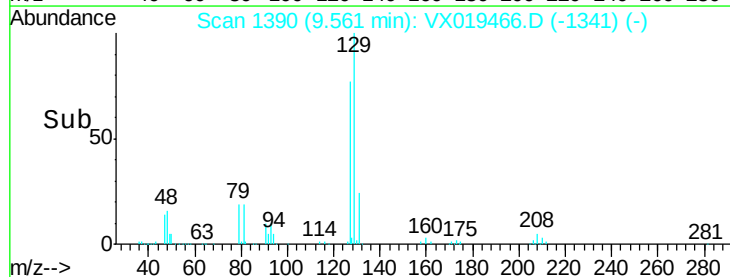
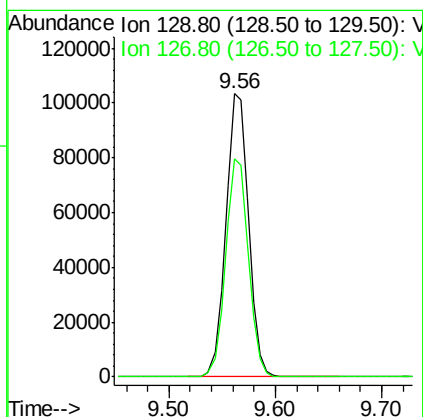
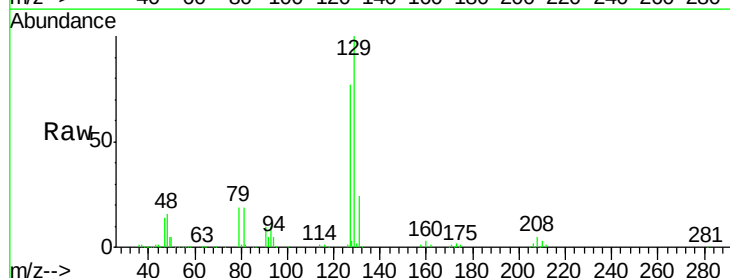
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

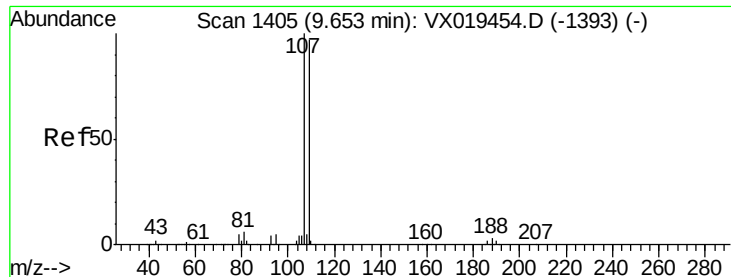
Tot Ion: 43 Resp: 825570
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5



#60
Dibromochloromethane
Concen: 48.138 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 129 Resp: 154342
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

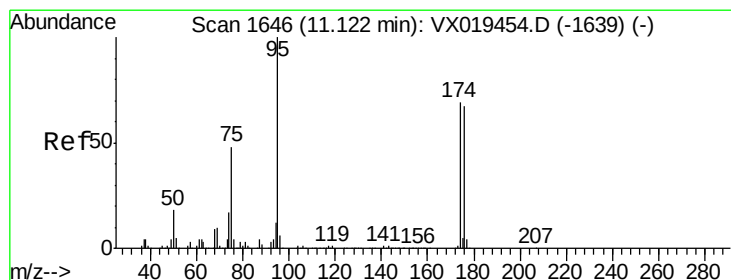
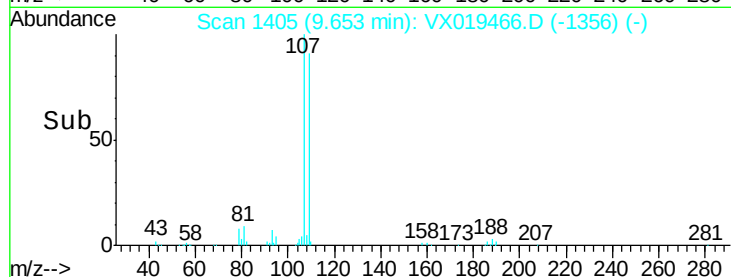
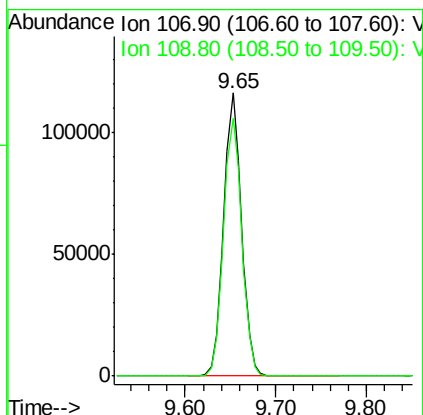
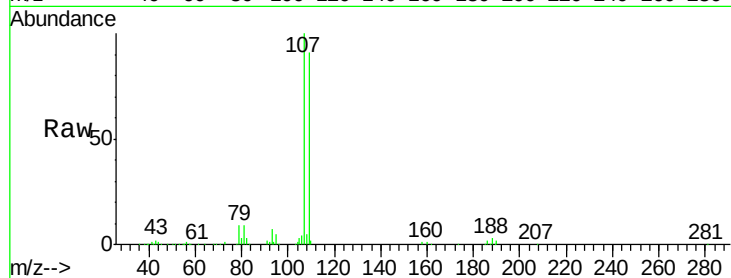




#61
 1,2-Dibromoethane
 Concen: 52.534 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

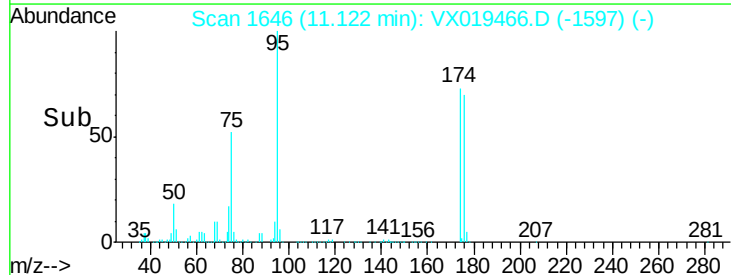
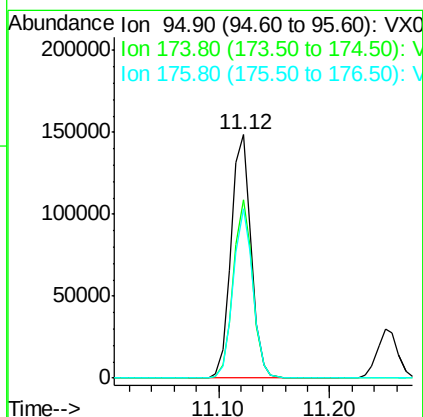
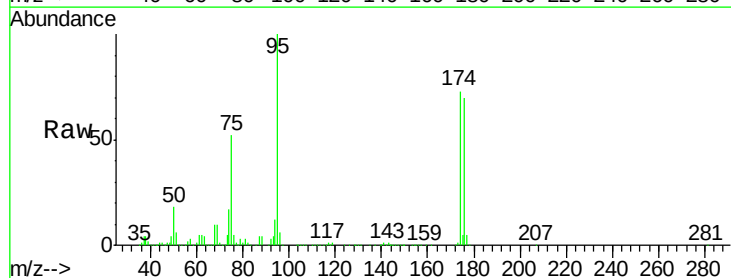
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

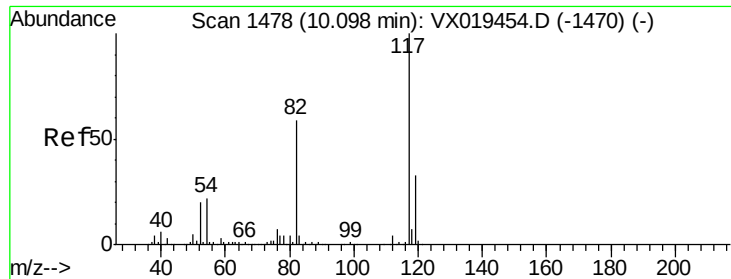
Tot Ion: 107 Resp: 160528
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 48.837 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 95 Resp: 184183
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 141.4
 176 68.4 0.0 137.6

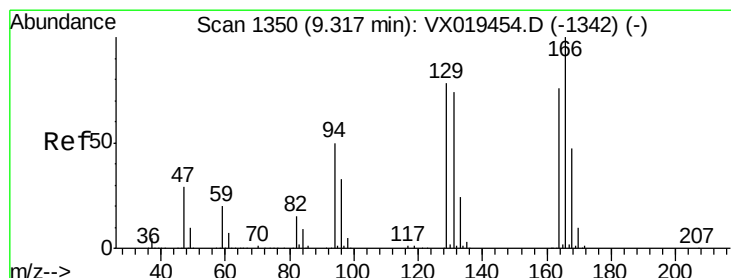
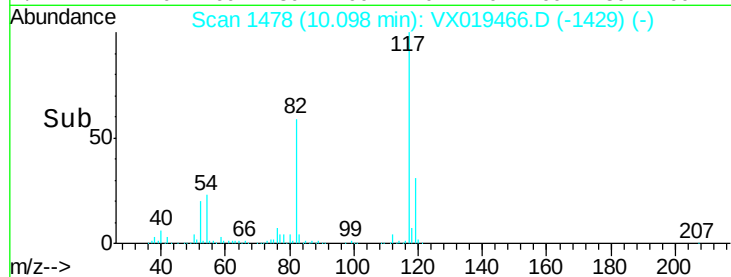
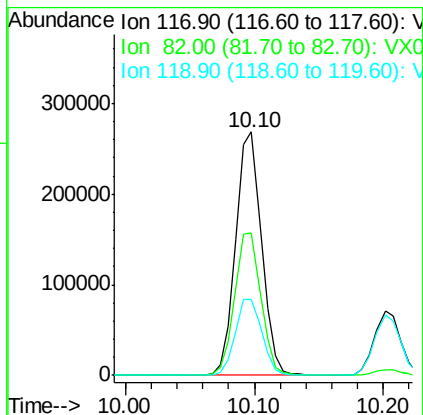
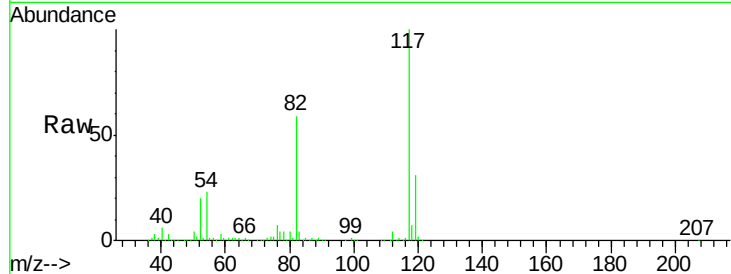




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

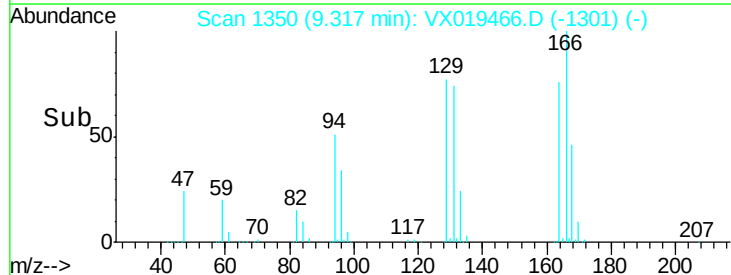
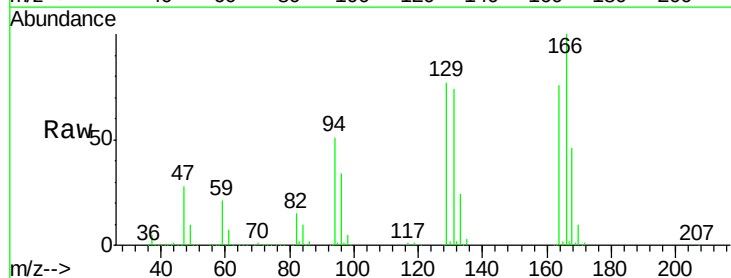
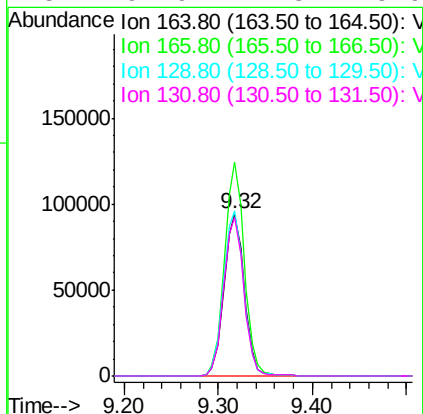
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

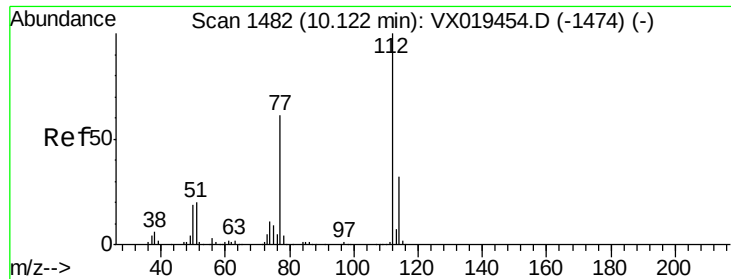
Tot Ion:117 Resp: 377271
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 47.571 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion:164 Resp: 140256
Ion Ratio Lower Upper
164 100
166 132.0 104.6 157.0
129 101.9 81.4 122.2
131 97.9 77.3 115.9

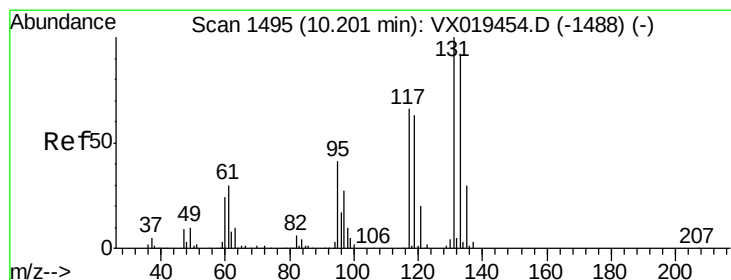
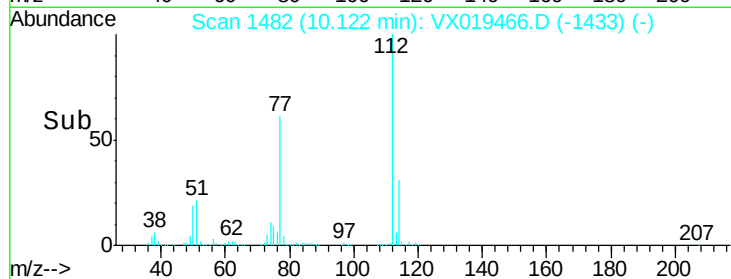
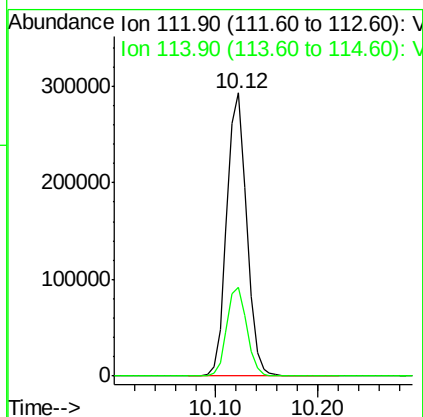
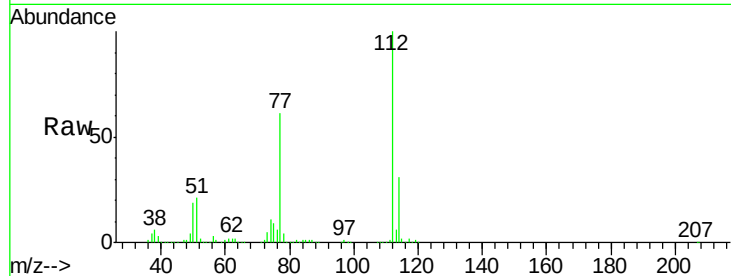




#65
Chlorobenzene
Concen: 51.133 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

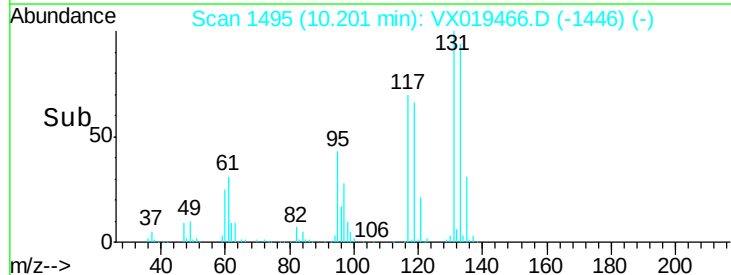
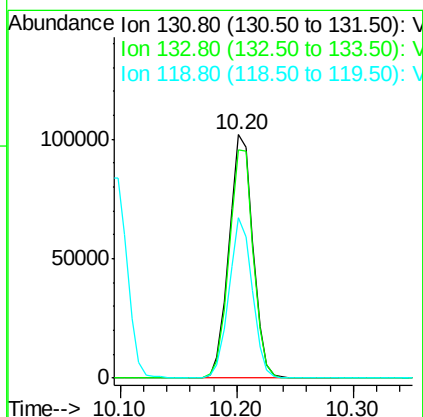
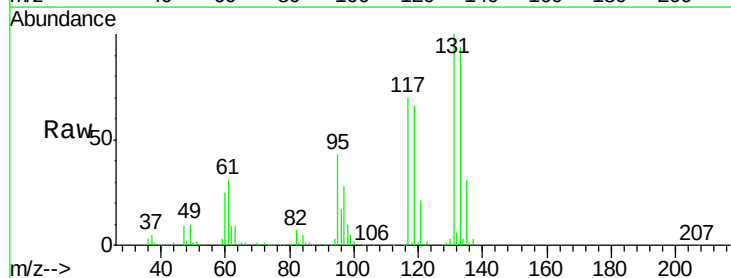
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

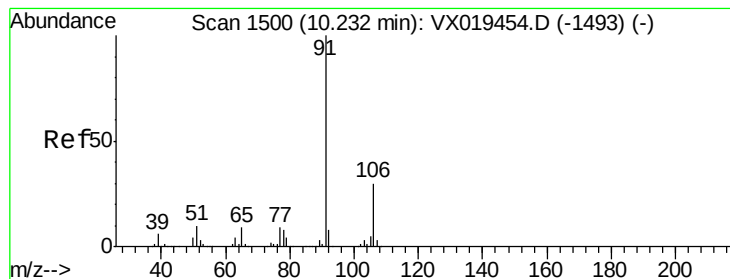
Tot Ion:112 Resp: 395283
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.128 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion:131 Resp: 145275
Ion Ratio Lower Upper
131 100
133 95.2 46.2 138.5
119 64.3 32.1 96.3





#67

Ethyl Benzene

Concen: 52.875 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

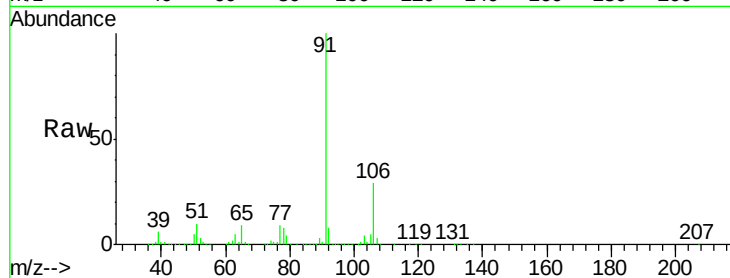
VSTDCCC050EC

Tot Ion: 91 Resp: 739521

Ion Ratio Lower Upper

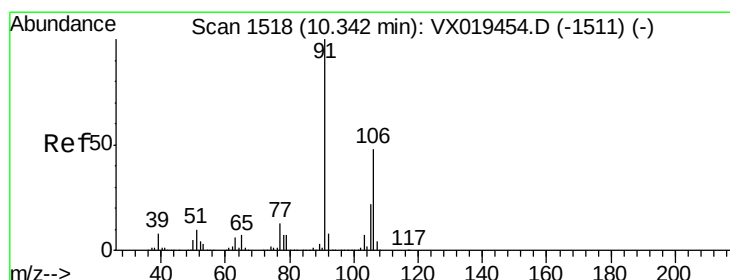
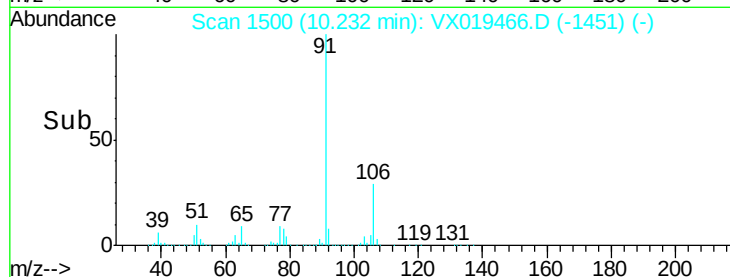
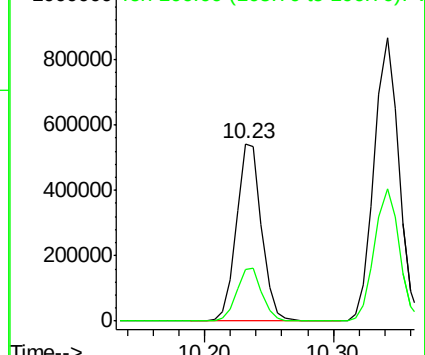
91 100

106 29.5 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.128 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019466.D

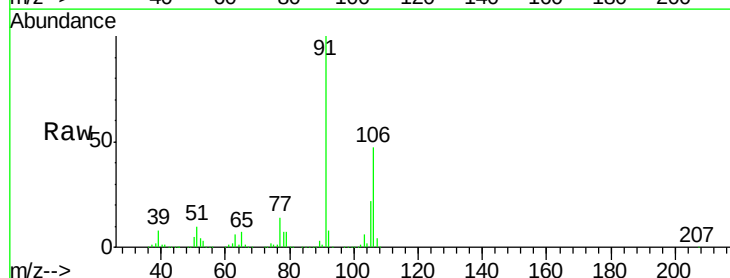
Acq: 18 Nov 2020 21:18

Tgt Ion: 106 Resp: 541243

Ion Ratio Lower Upper

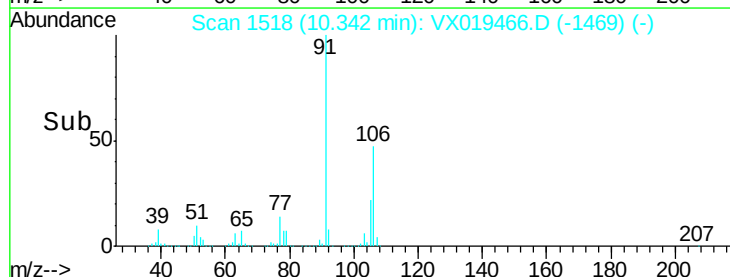
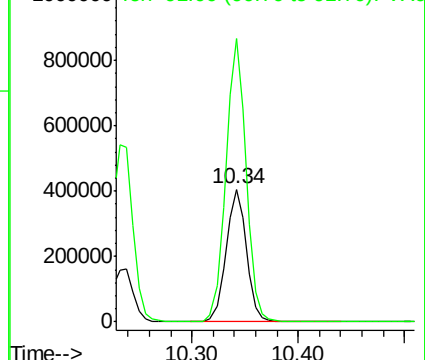
106 100

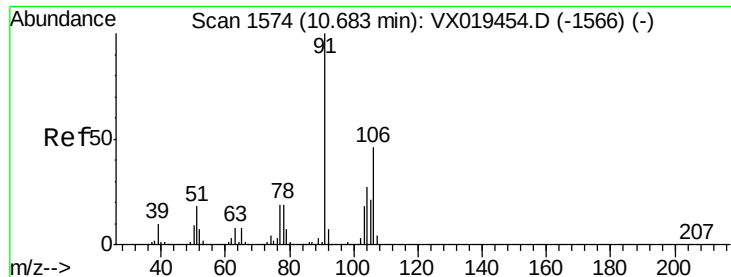
91 211.6 167.2 250.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

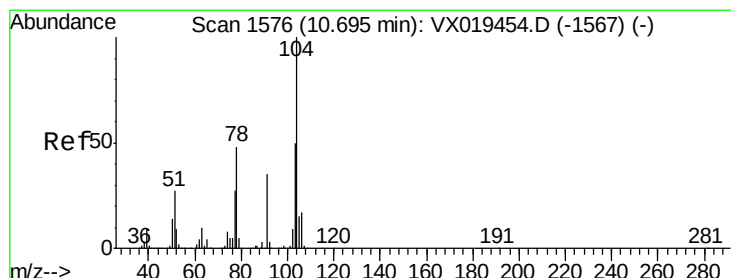
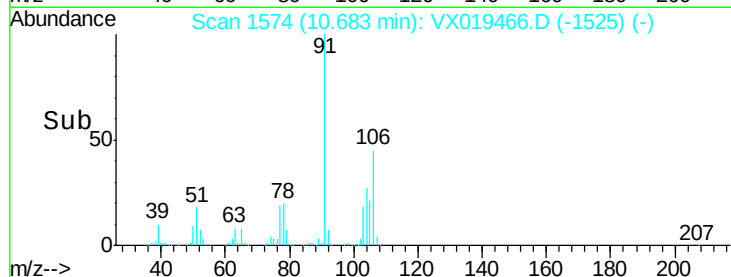
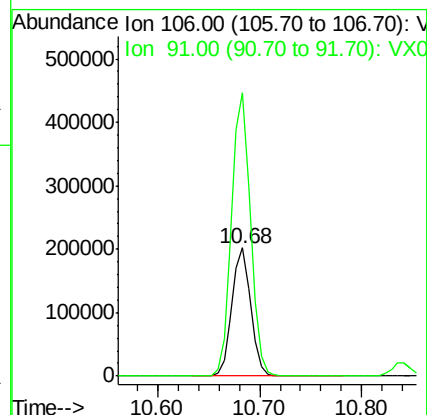
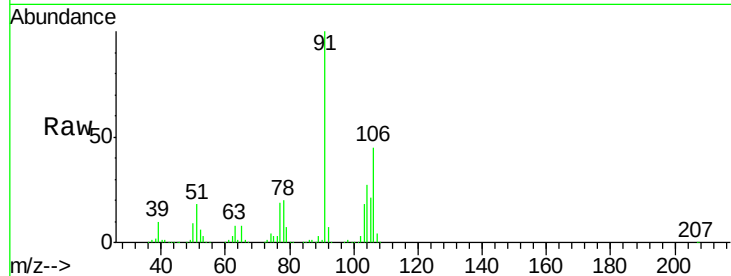




#69
o-Xylene
Concen: 52.853 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

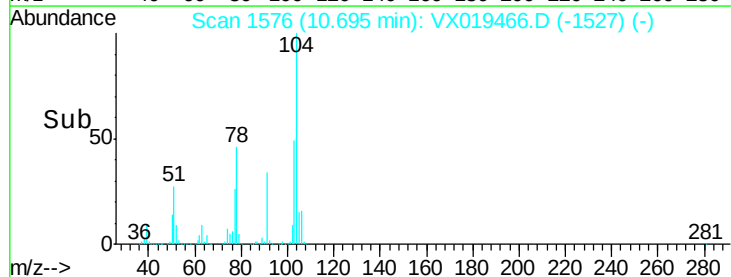
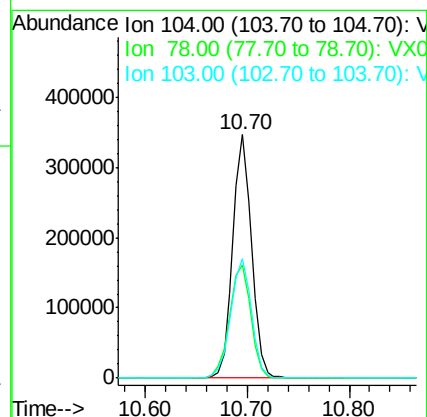
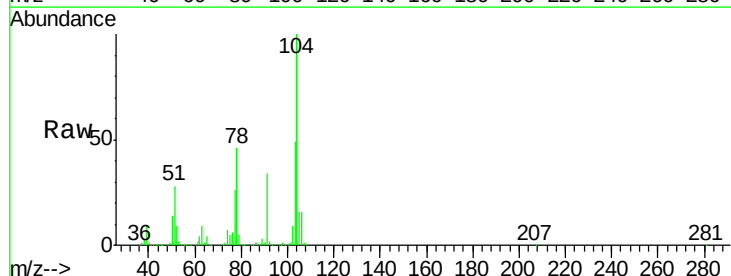
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

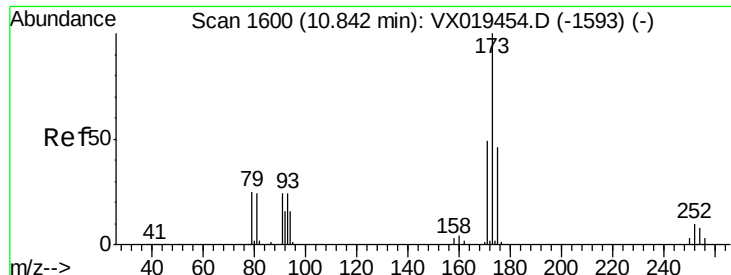
Tot Ion:106 Resp: 256685
Ion Ratio Lower Upper
106 100
91 223.1 109.6 328.6



#70
Styrene
Concen: 47.760 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion:104 Resp: 440553
Ion Ratio Lower Upper
104 100
78 53.3 42.7 64.1
103 54.5 43.2 64.8





#71

Bromoform

Concen: 45.501 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

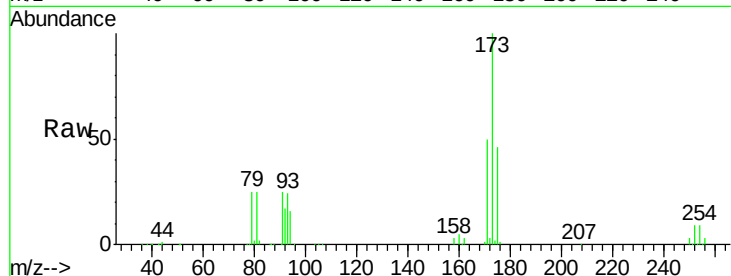
Tot Ion:173 Resp: 103438

Ion Ratio Lower Upper

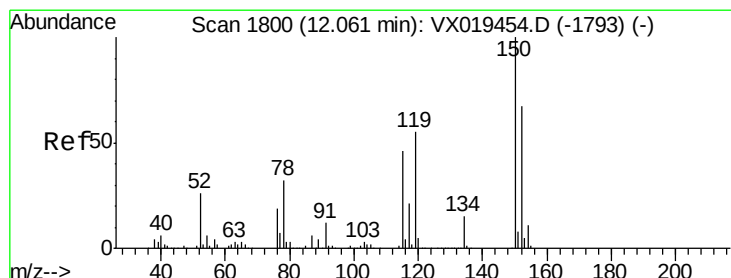
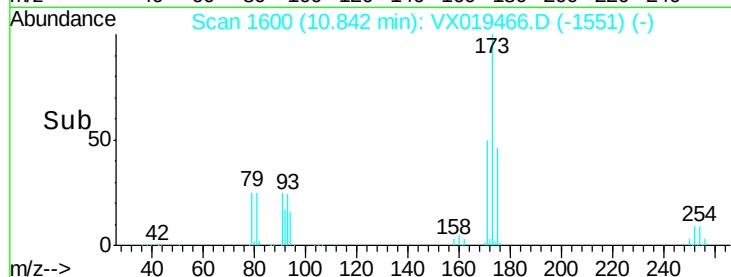
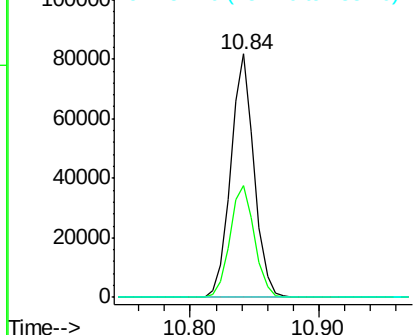
173 100

175 48.2 23.9 71.7

254 0.1 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: VX019466.D

Acq: 18 Nov 2020 21:18

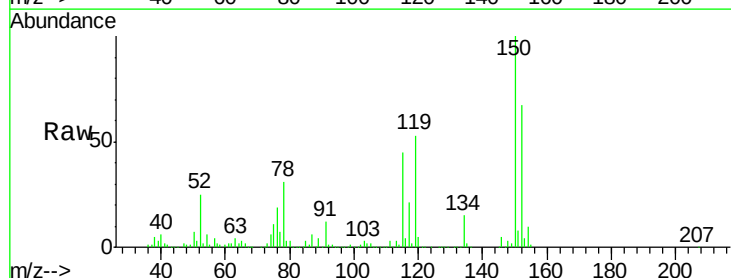
Tgt Ion:152 Resp: 182474

Ion Ratio Lower Upper

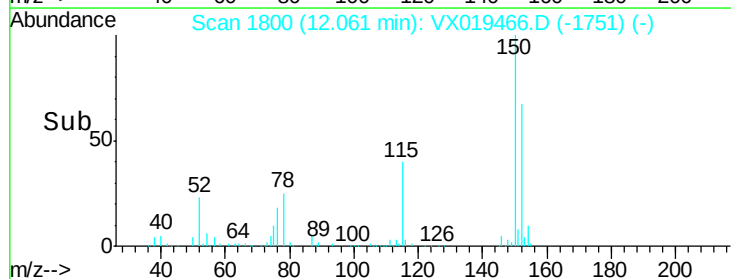
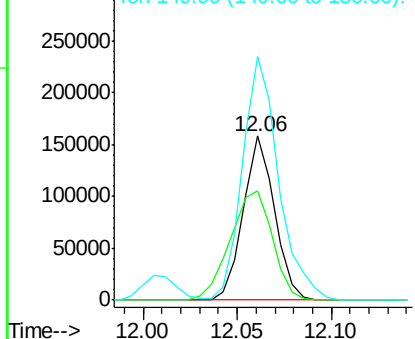
152 100

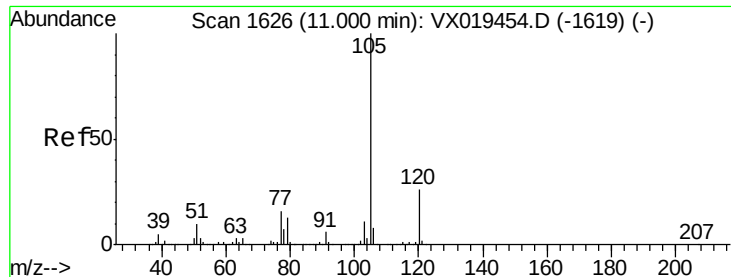
115 89.8 44.9 134.7

150 170.8 0.0 344.4



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: 52.989 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

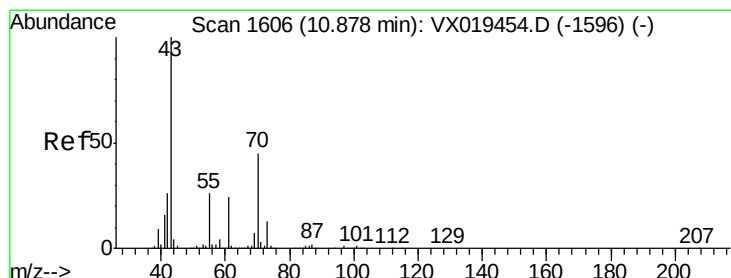
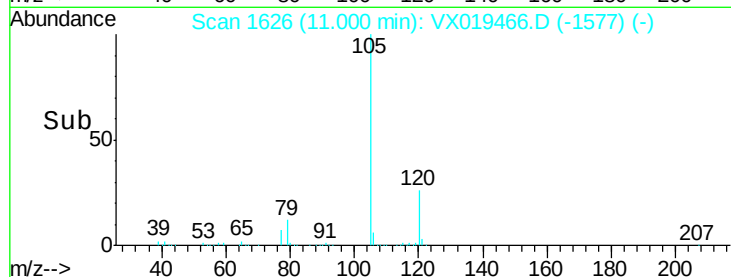
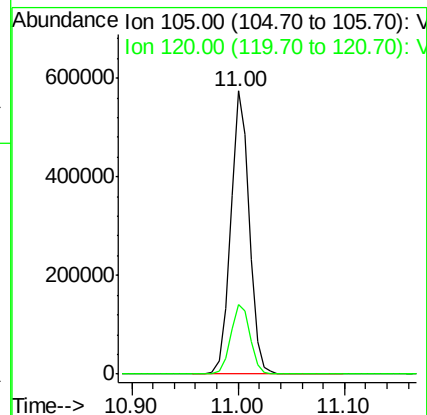
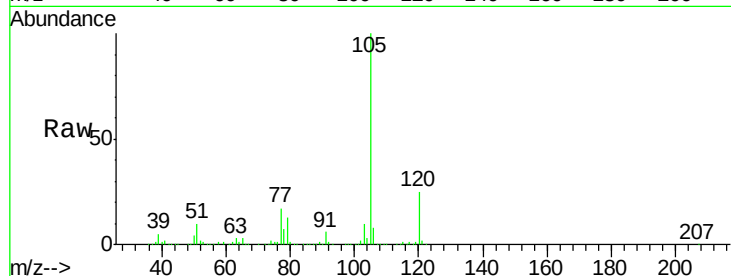
VSTDCCC050EC

Tot Ion:105 Resp: 699057

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 54.713 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Tgt Ion: 43 Resp: 303838

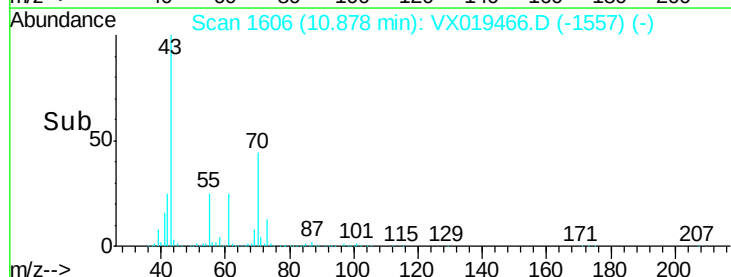
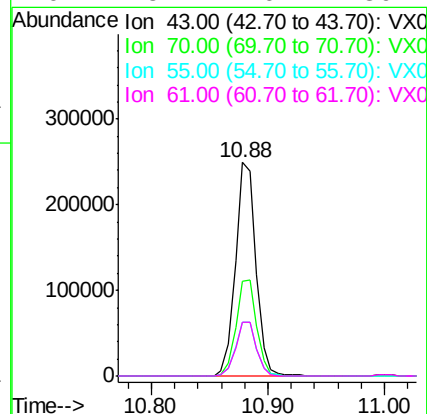
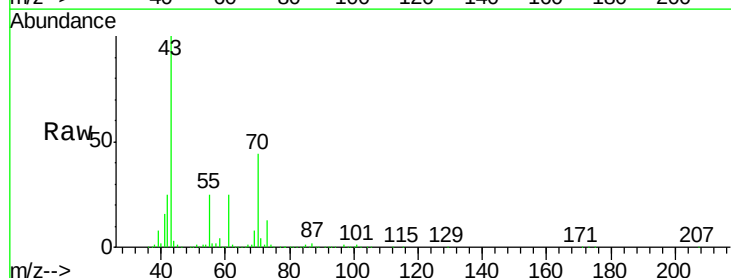
Ion Ratio Lower Upper

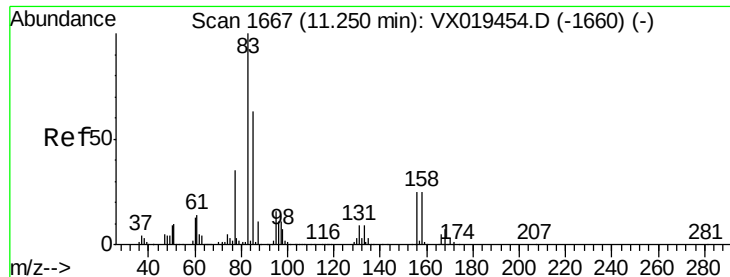
43 100

70 45.8 36.8 55.2

55 26.0 21.0 31.4

61 25.7 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.250 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

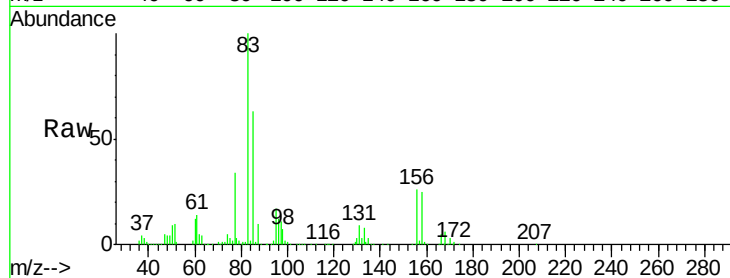
Tot Ion: 83 Resp: 237875

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

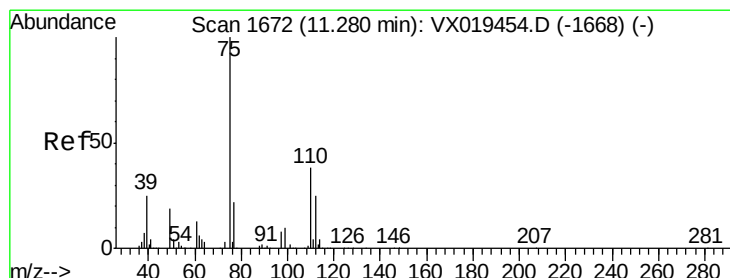
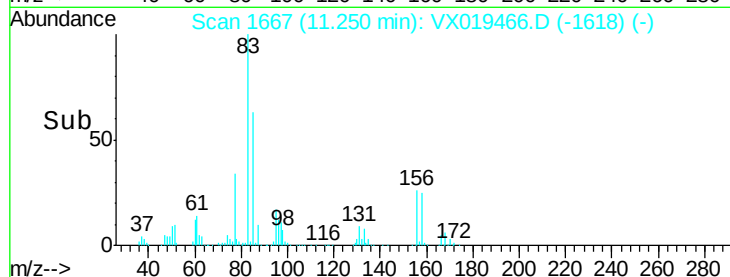
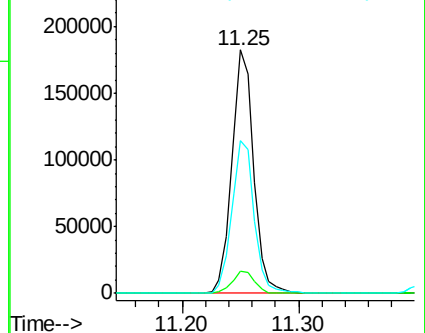
85 64.1 31.9 95.5



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: 64.035 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019466.D

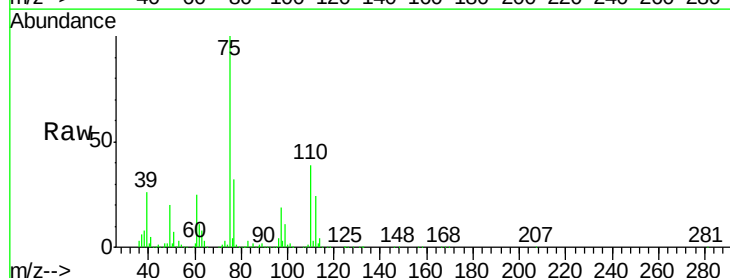
Acq: 18 Nov 2020 21:18

Tgt Ion: 75 Resp: 278582

Ion Ratio Lower Upper

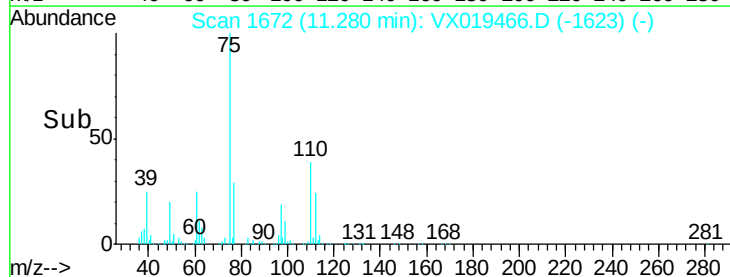
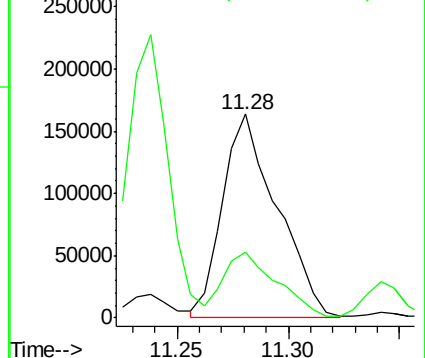
75 100

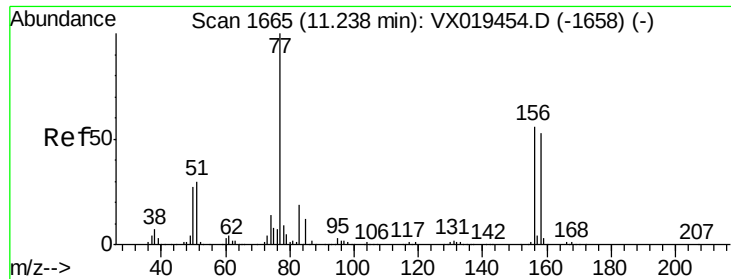
77 31.7 20.0 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

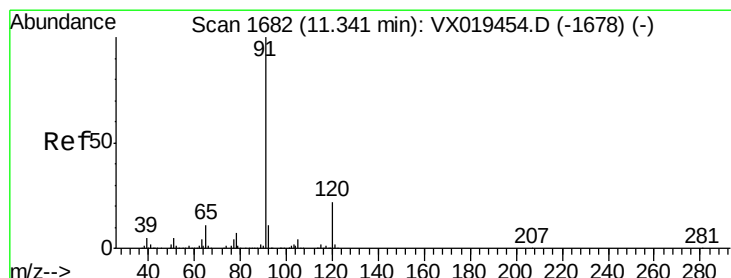
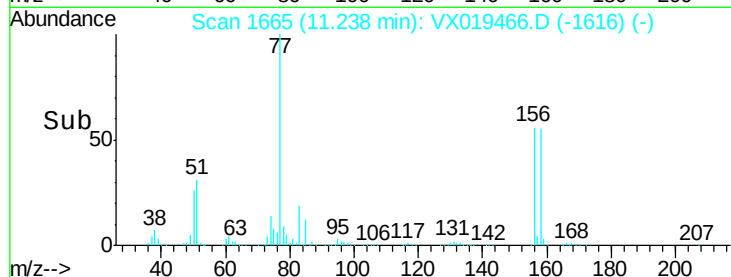
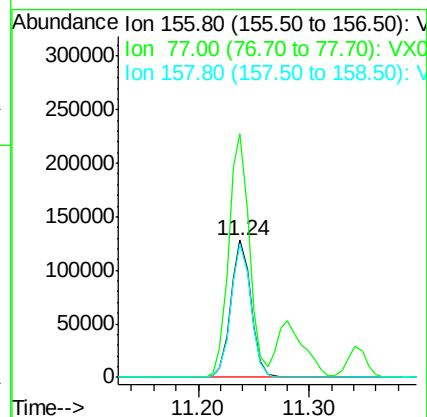
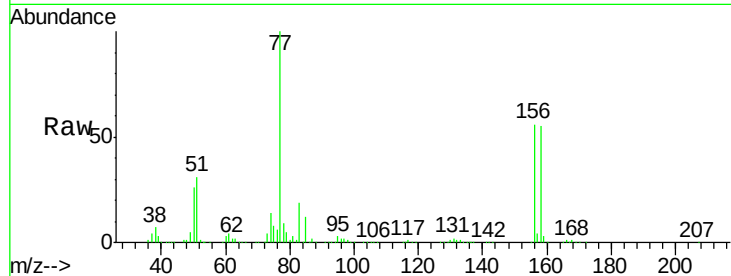




#77
Bromobenzene
Concen: 51.436 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

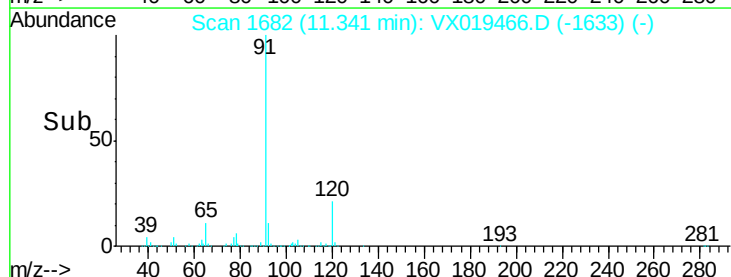
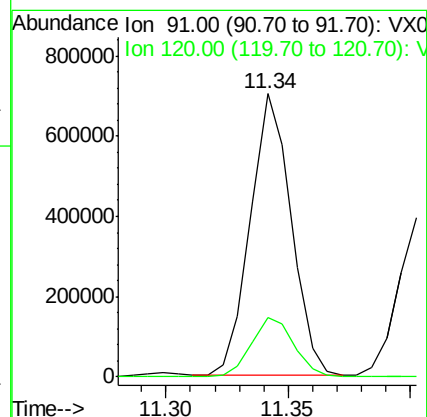
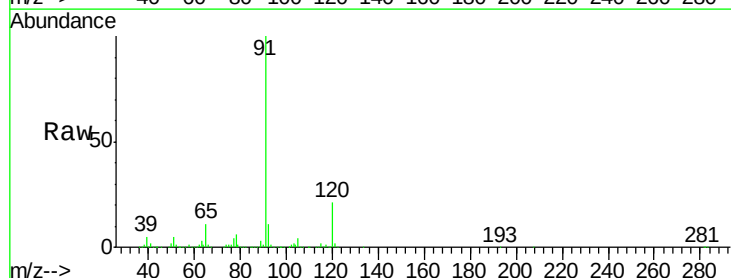
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

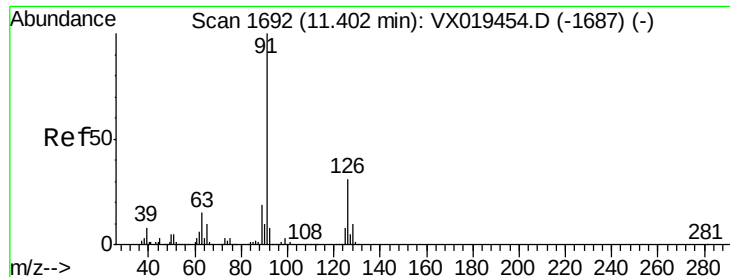
Tot Ion:156 Resp: 159883
Ion Ratio Lower Upper
156 100
77 182.4 91.3 274.1
158 96.9 48.3 144.9



#78
n-propylbenzene
Concen: 53.721 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019466.D
Acq: 18 Nov 2020 21:18

Tgt Ion: 91 Resp: 817745
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3

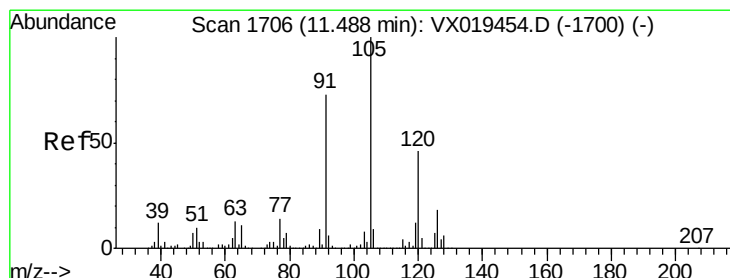
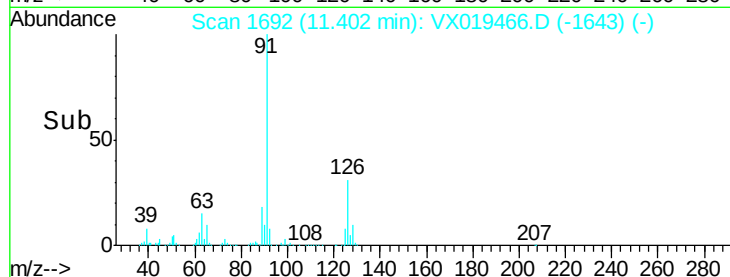
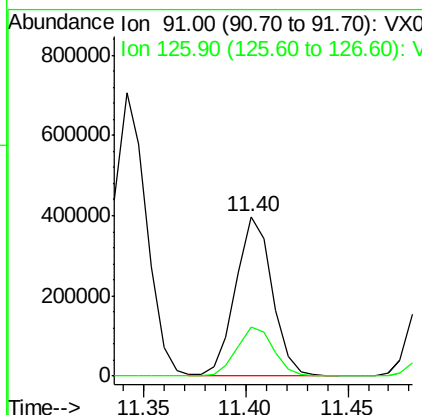
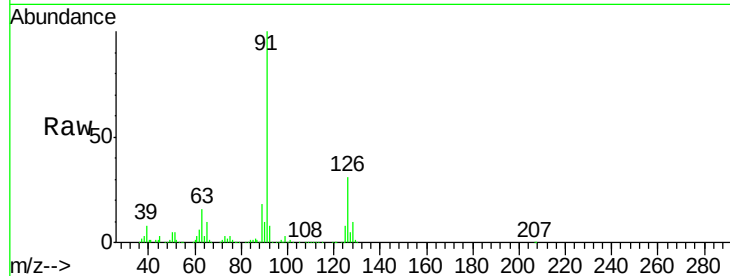




#79
 2-Chlorotoluene
 Concen: 52.955 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

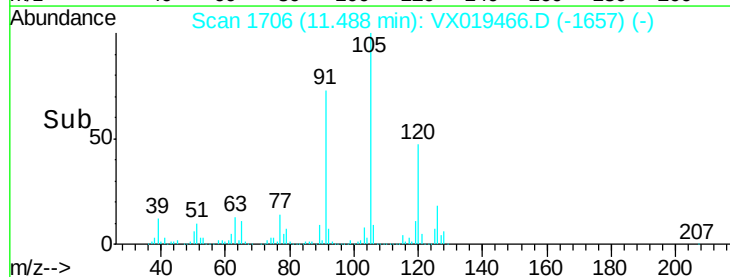
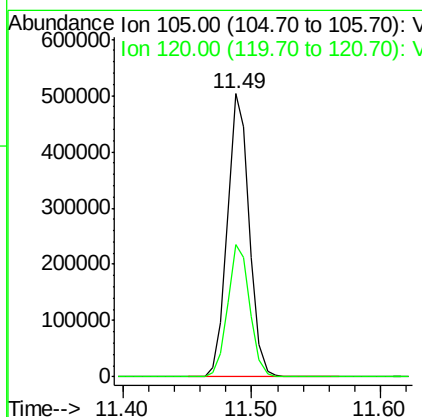
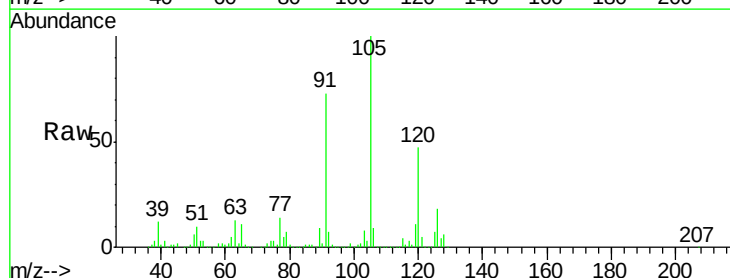
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

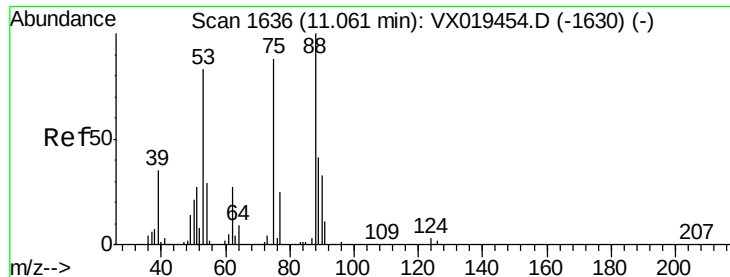
Tot Ion: 91 Resp: 490002
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.6 46.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.623 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion: 105 Resp: 601978
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.951 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

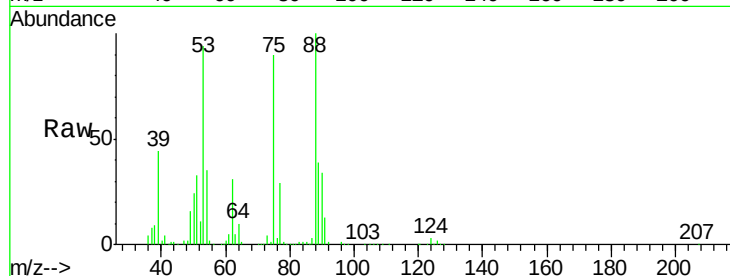
Tot Ion: 75 Resp: 75031

Ion Ratio Lower Upper

75 100

53 100.9 81.0 121.6

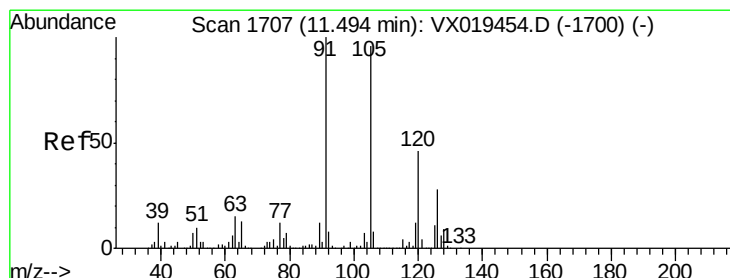
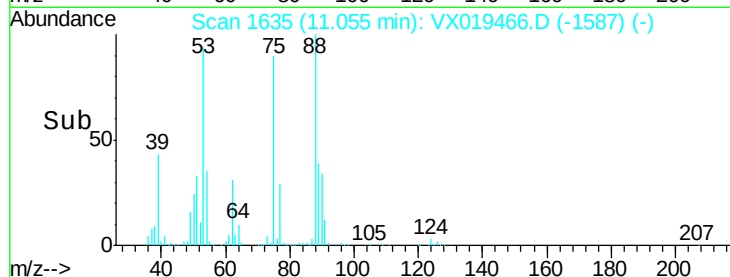
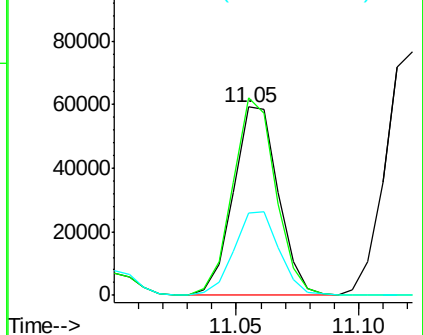
89 45.2 37.0 55.4



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: 52.621 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019466.D

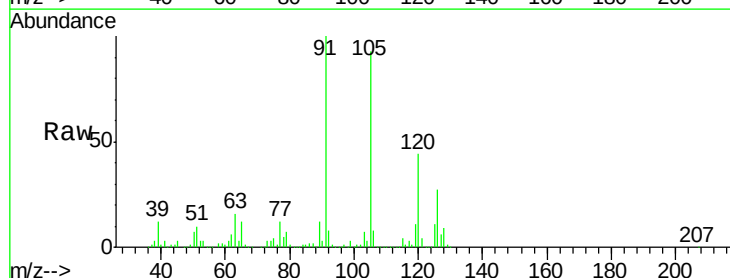
Acq: 18 Nov 2020 21:18

Tgt Ion: 91 Resp: 580852

Ion Ratio Lower Upper

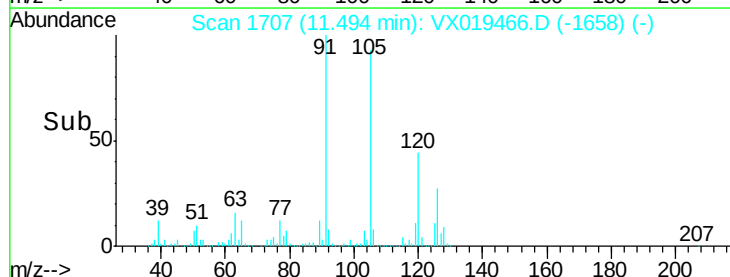
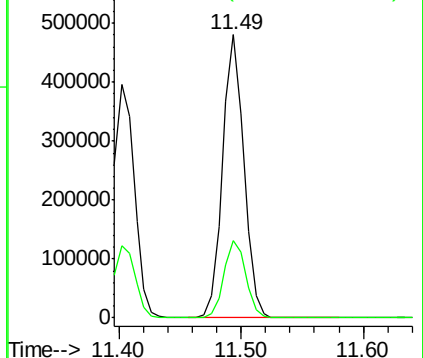
91 100

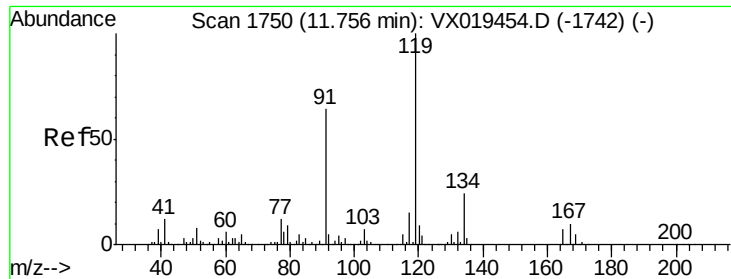
126 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

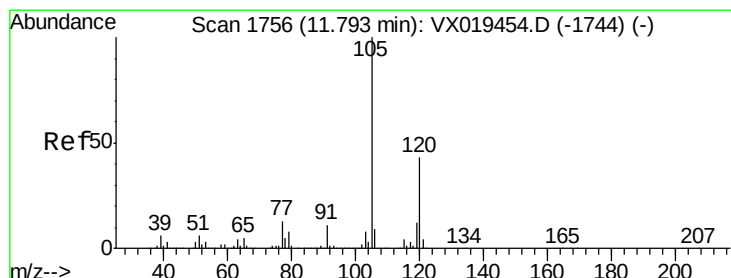
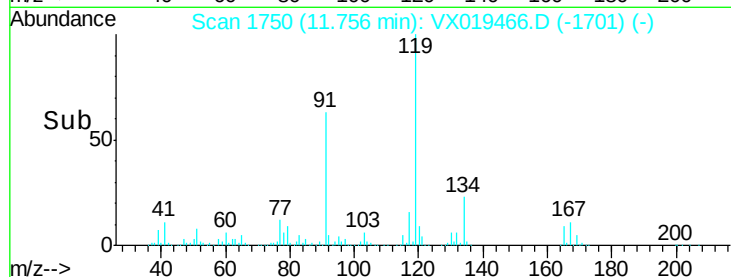
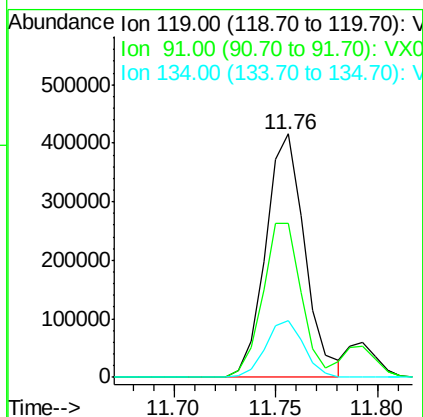
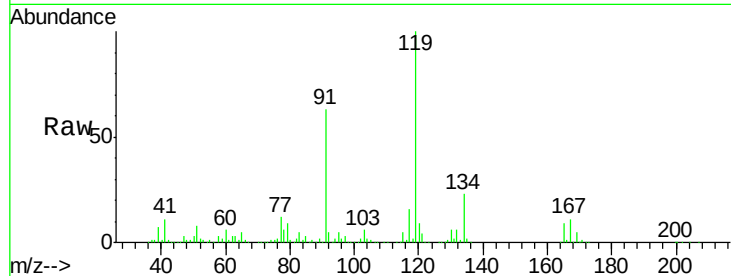




#83
 tert-Butylbenzene
 Concen: 53.793 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

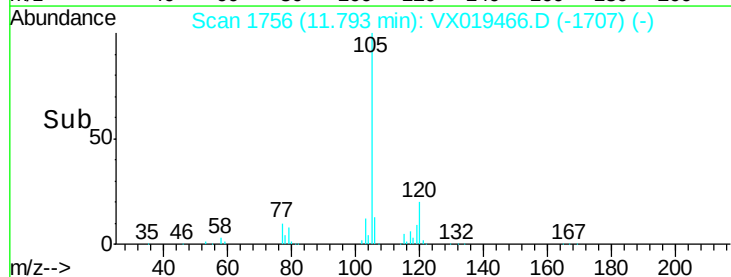
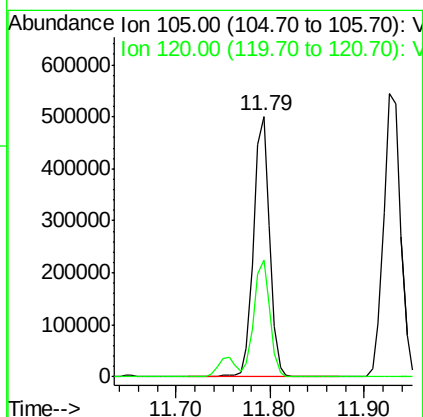
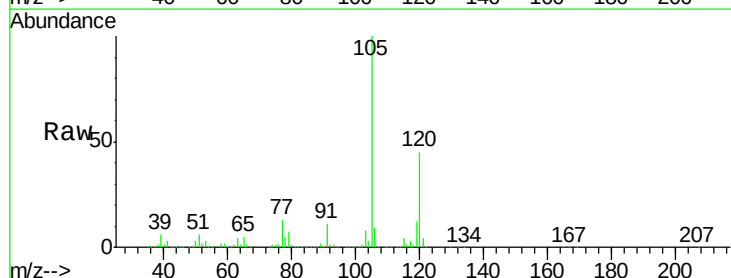
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

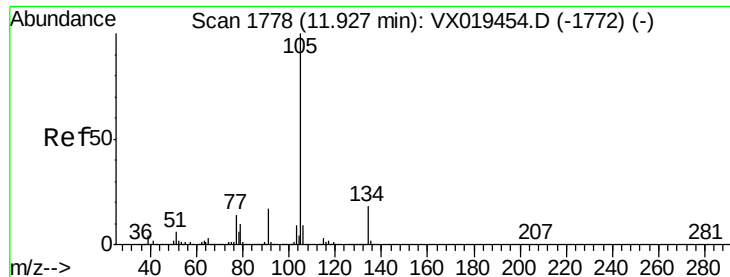
Tot Ion:119 Resp: 555482
 Ion Ratio Lower Upper
 119 100
 91 62.2 31.1 93.2
 134 22.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.838 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion:105 Resp: 604248
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.5 64.5





#85

sec-Butylbenzene

Concen: 54.103 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

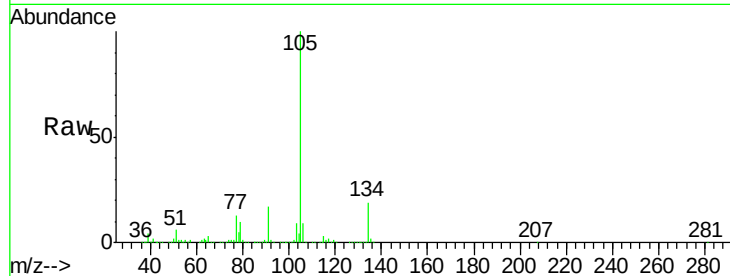
VSTDCCC050EC

Tot Ion:105 Resp: 685175

Ion Ratio Lower Upper

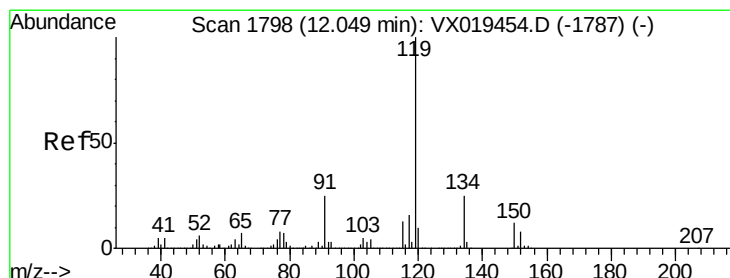
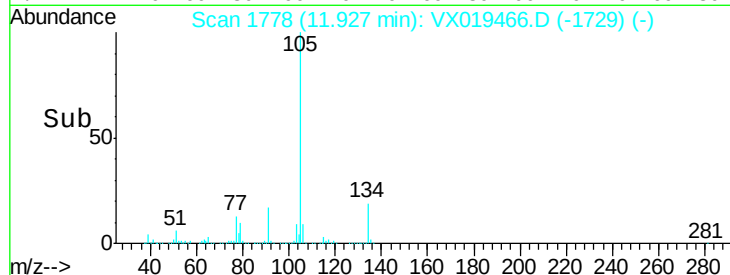
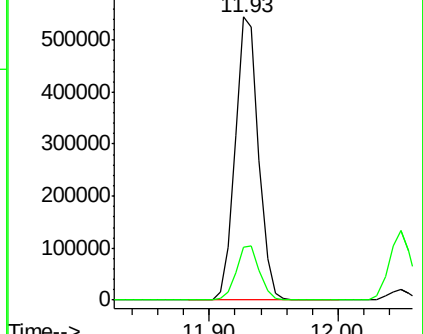
105 100

134 19.2 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.401 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

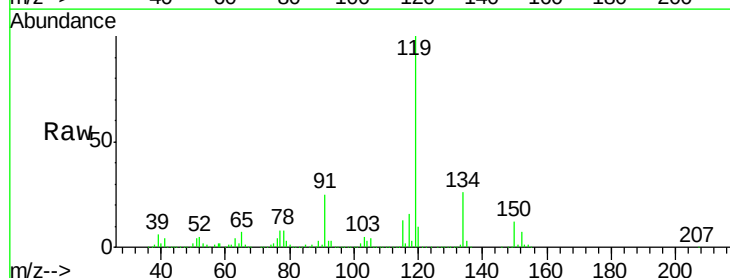
Tgt Ion:119 Resp: 613186

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.3

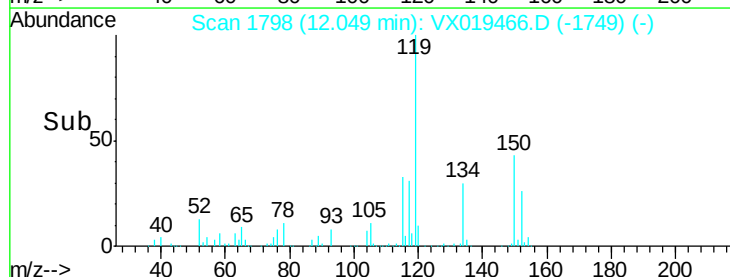
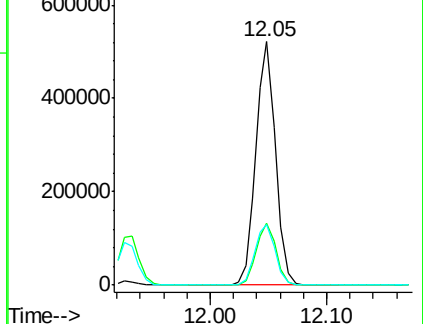
91 25.6 12.6 37.6

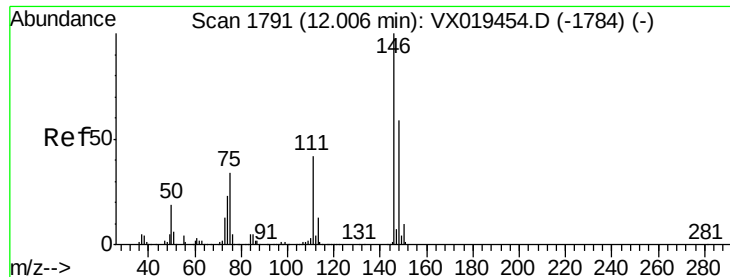


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

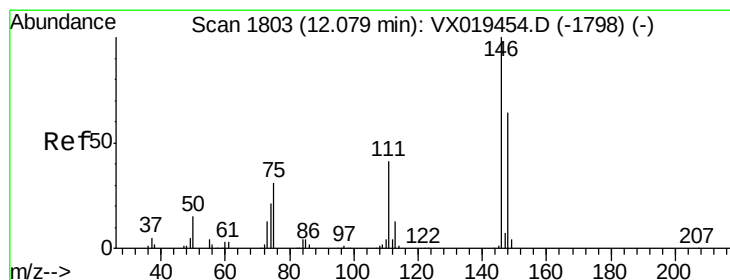
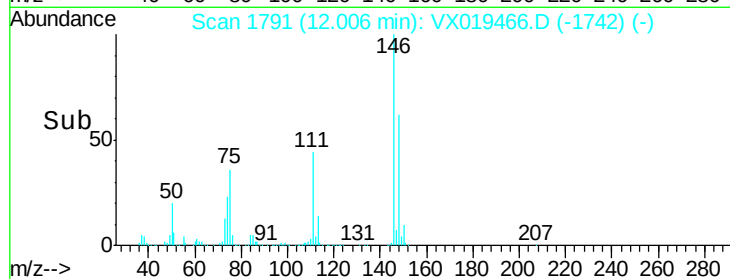
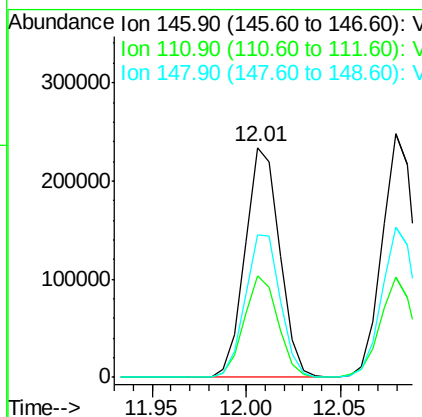
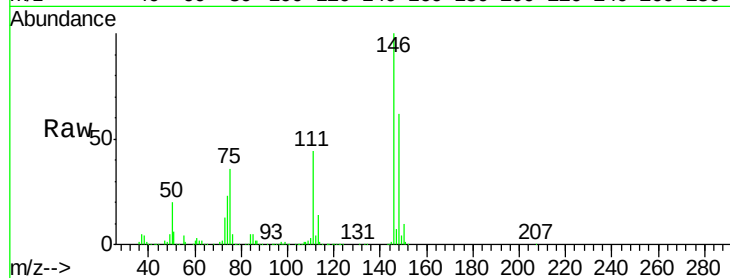




#87
 1,3-Dichlorobenzene
 Concen: 50.626 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

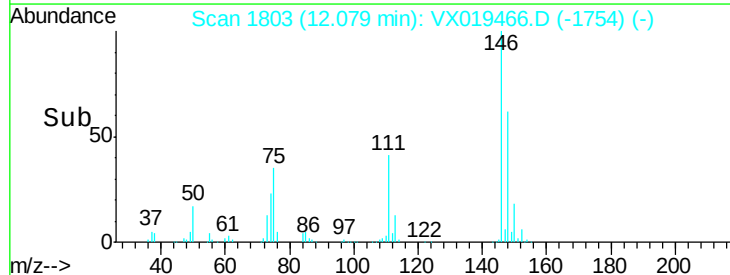
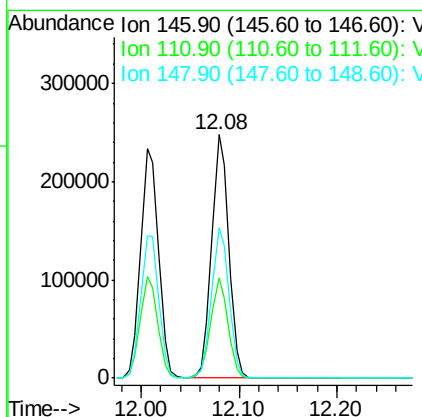
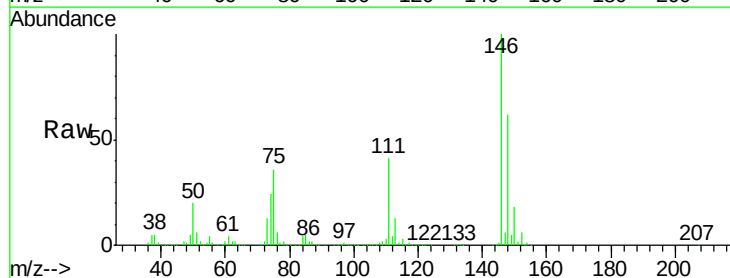
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

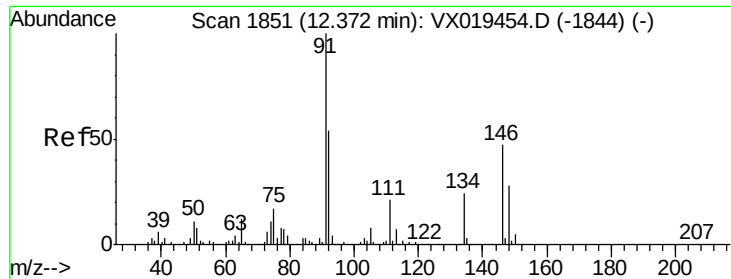
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	62.9	31.1	93.3



#88
 1,4-Dichlorobenzene
 Concen: 50.120 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.7	62.1
148	62.8	31.4	94.0





#89

n-Butylbenzene

Concen: 52.873 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

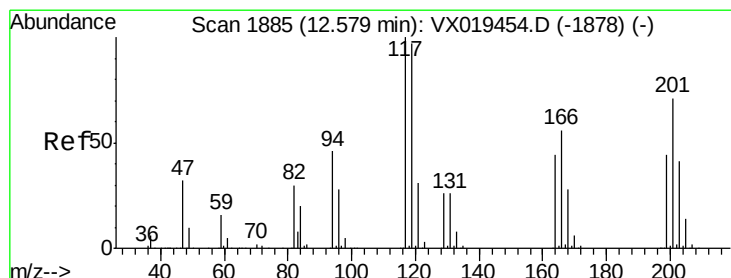
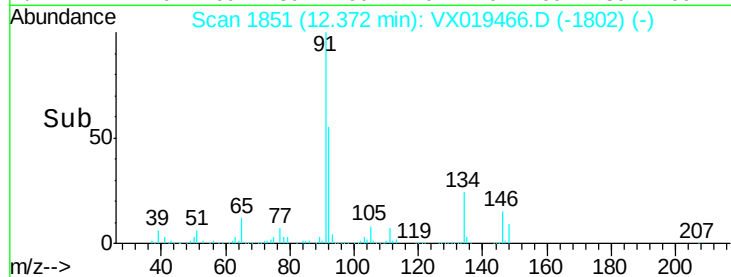
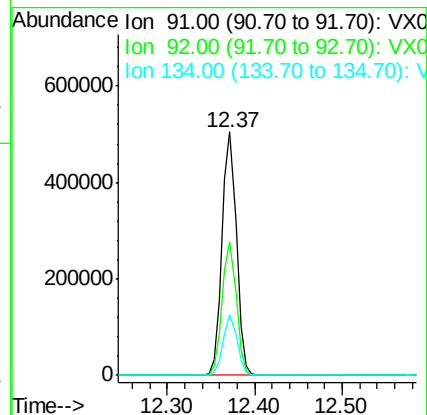
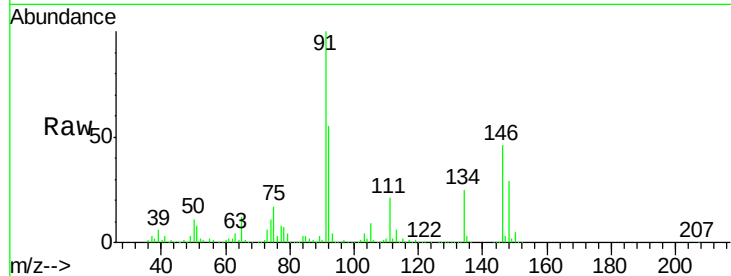
Tot Ion: 91 Resp: 568041

Ion Ratio Lower Upper

91 100

92 54.2 27.0 81.0

134 24.2 12.0 36.1



#90

Hexachloroethane

Concen: 47.120 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019466.D

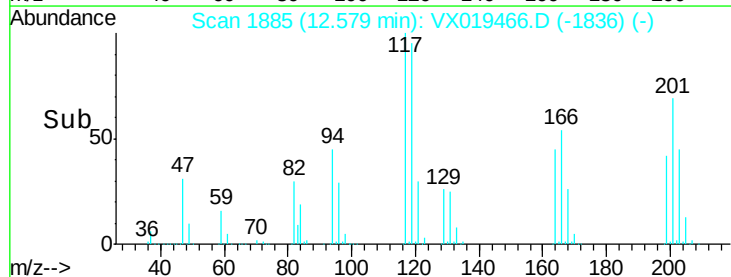
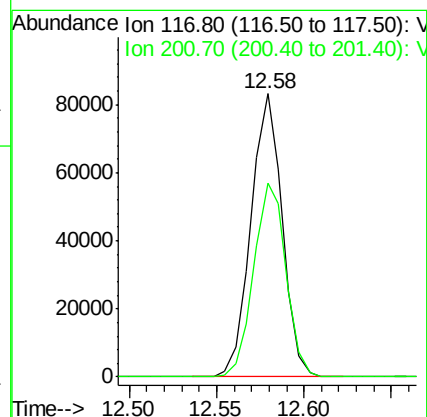
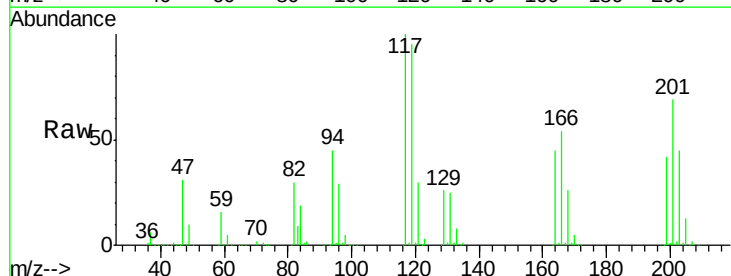
Acq: 18 Nov 2020 21:18

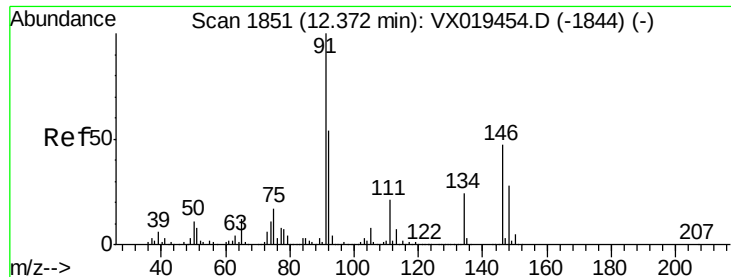
Tgt Ion: 117 Resp: 103551

Ion Ratio Lower Upper

117 100

201 70.7 35.8 107.3

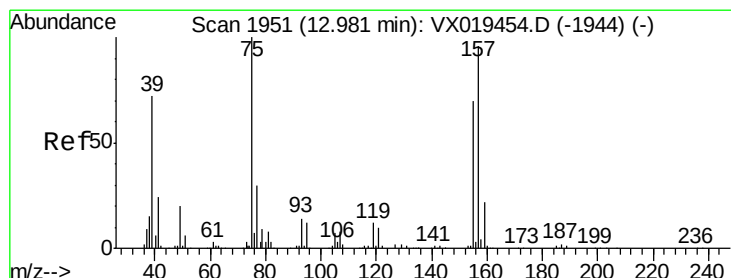
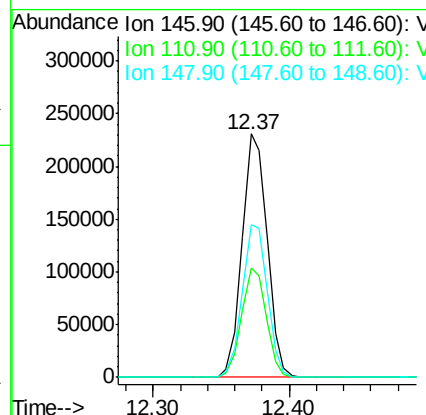
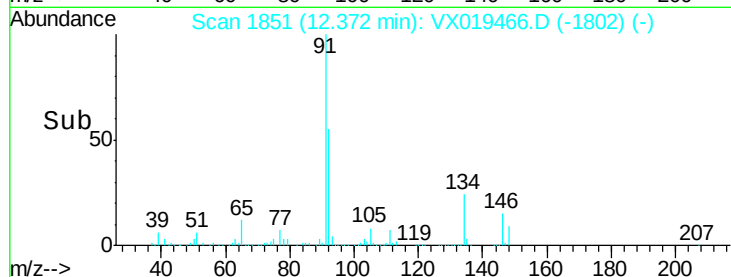
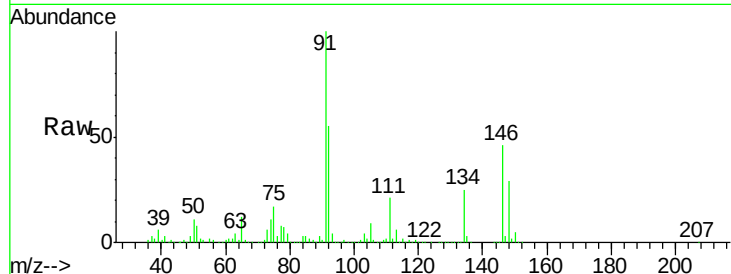




#91
 1,2-Dichlorobenzene
 Concen: 50.867 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

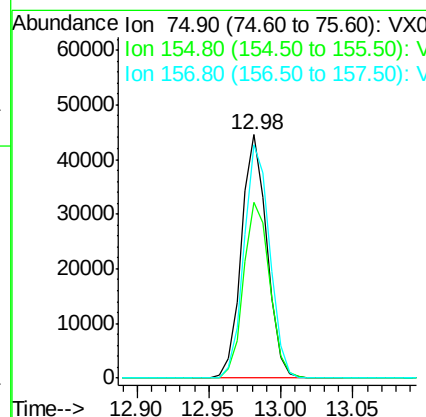
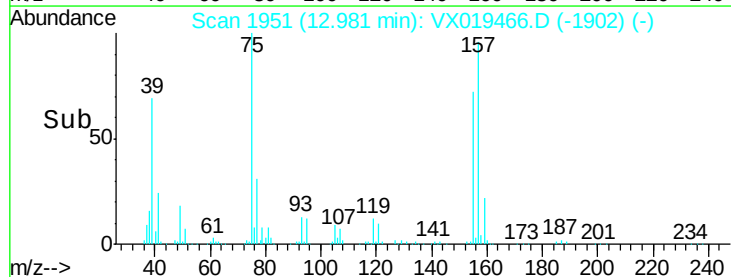
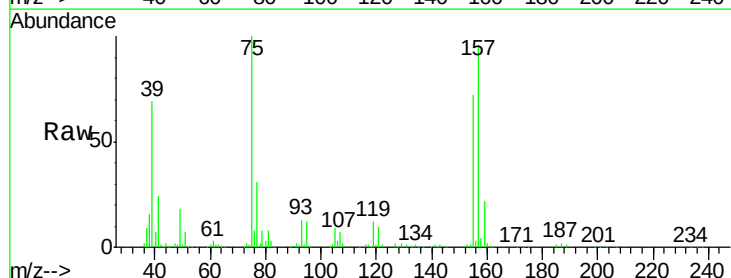
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

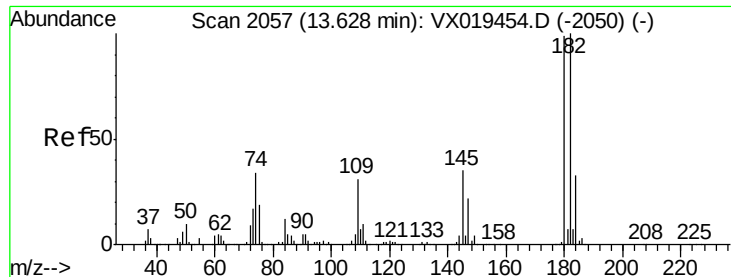
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.1	66.3
148	63.2	31.2	93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.163 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	36.4	109.1
157	96.8	47.9	143.8

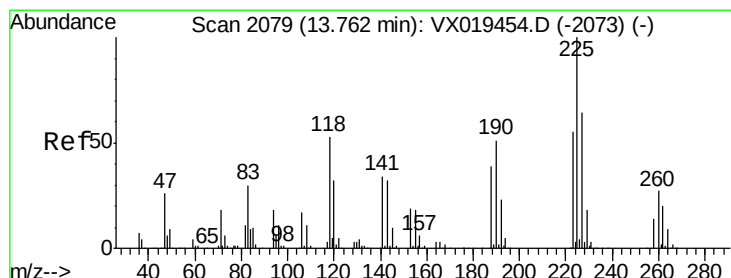
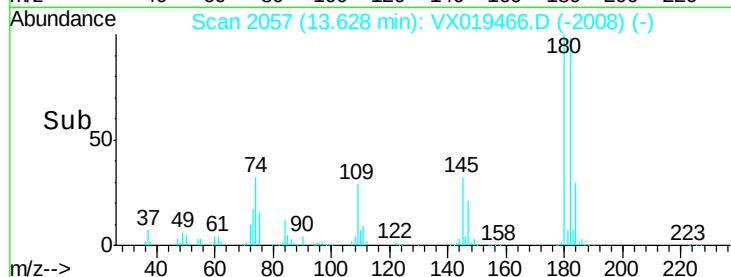
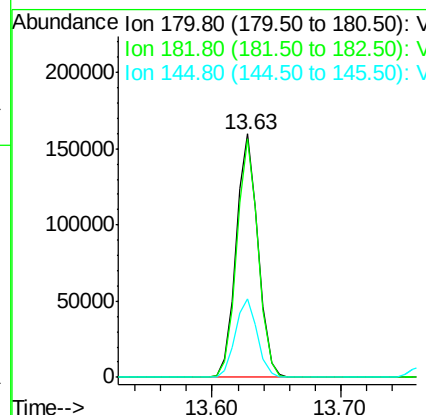
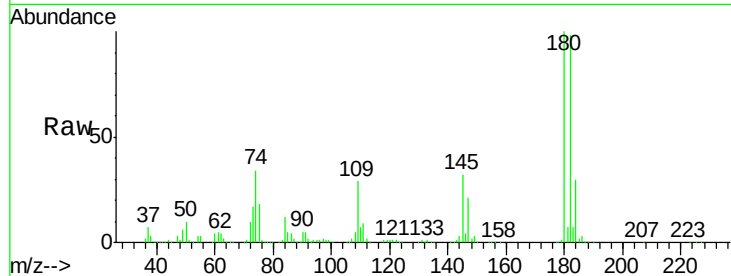




#93
 1,2,4-Trichlorobenzene
 Concen: 46.513 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

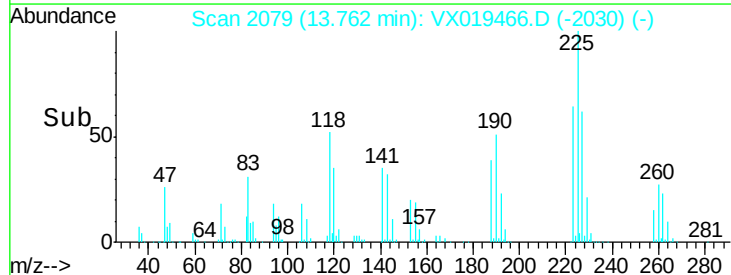
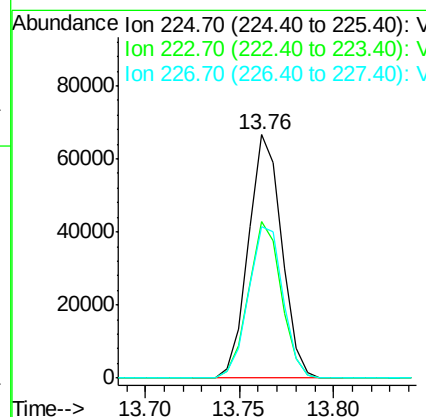
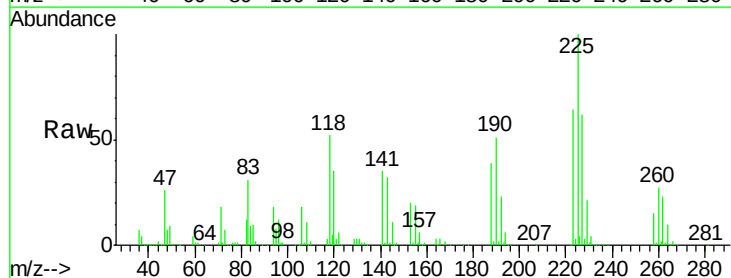
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

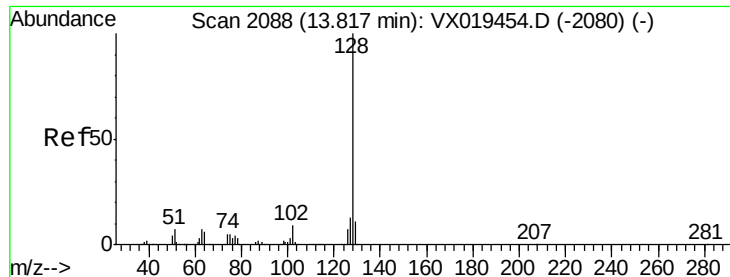
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.4
145	32.6	16.9	50.6



#94
 Hexachlorobutadiene
 Concen: 51.041 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019466.D
 Acq: 18 Nov 2020 21:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	29.9	89.8
227	64.3	32.6	98.0





#95

Naphthalene

Concen: 48.153 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

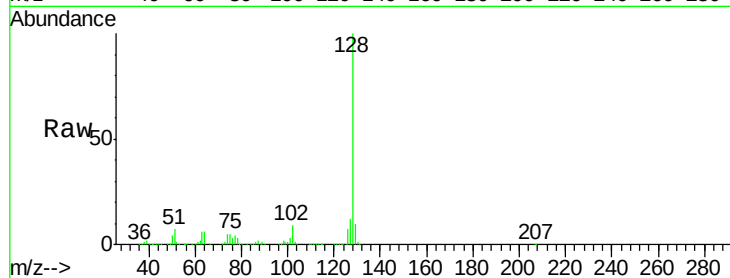
Tot Ion:128 Resp: 671555

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

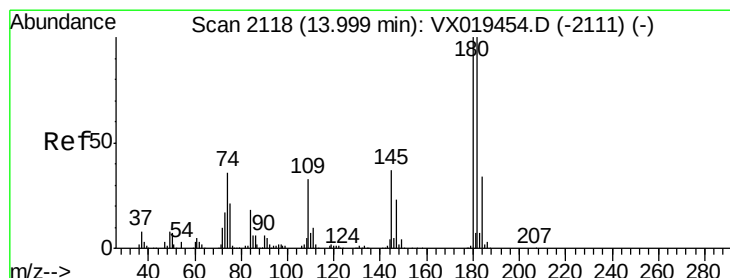
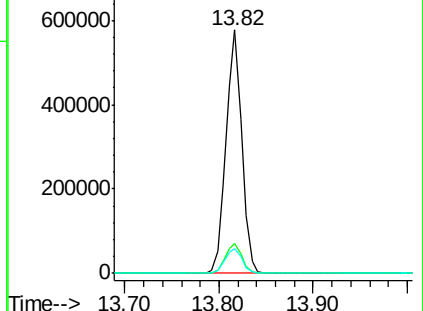
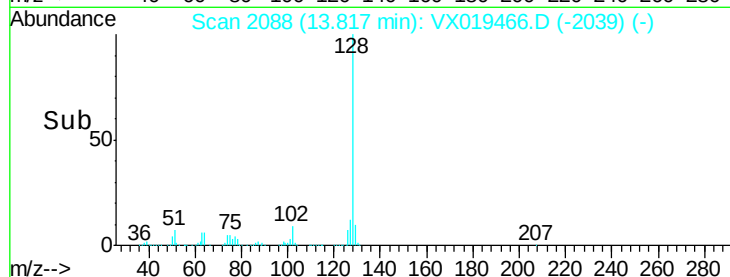
129 10.8 8.8 13.2



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: 46.694 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019466.D

Acq: 18 Nov 2020 21:18

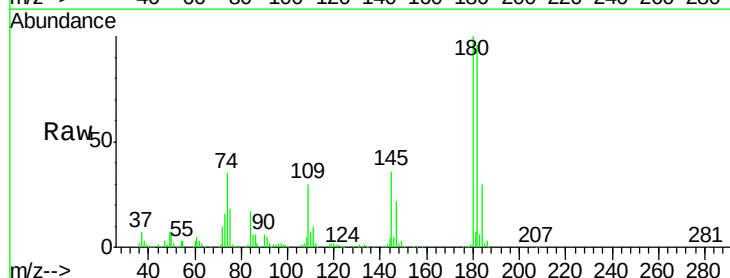
Tgt Ion:180 Resp: 187745

Ion Ratio Lower Upper

180 100

182 95.9 49.0 147.0

145 35.8 17.6 52.8



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

