

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018981.D
 Acq On : 20 Oct 2020 17:43
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 20 18:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	167038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	300501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	298579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185486	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	105310	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.46	113	87739	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	8.70	98	368625	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.12	95	149923	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	76326	52.938	ug/l	100
3) Chloromethane	1.31	50	84503	52.944	ug/l	100
4) Vinyl Chloride	1.39	62	116791	53.119	ug/l	100
5) Bromomethane	1.62	94	99425	54.837	ug/l	100
6) Chloroethane	1.70	64	85035	51.258	ug/l	100
7) Trichlorofluoromethane	1.91	101	203792	54.388	ug/l	100
8) Diethyl Ether	2.17	74	78601	53.161	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	88025	43.924	ug/l	100
10) Methyl Iodide	2.49	142	100545	53.475	ug/l	100
11) Tert butyl alcohol	3.01	59	123146	255.365	ug/l	100
12) 1,1-Dichloroethene	2.35	96	99642	46.303	ug/l	100
13) Acrolein	2.27	56	67444	232.273	ug/l	100
14) Allyl chloride	2.70	41	113739	49.855	ug/l	100
15) Acrylonitrile	3.11	53	221871	257.585	ug/l	100
16) Acetone	2.42	43	187293	206.829	ug/l	100
17) Carbon Disulfide	2.54	76	234127	50.107	ug/l	100
18) Methyl Acetate	2.75	43	94341	51.595	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	280314	50.930	ug/l	100
20) Methylene Chloride	2.83	84	97547	50.343	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	98547	50.078	ug/l	100
22) Diisopropyl ether	3.82	45	234217	51.168	ug/l	100
23) Vinyl Acetate	3.78	43	1137040	259.704	ug/l	100
24) 1,1-Dichloroethane	3.67	63	166350	51.012	ug/l	100
25) 2-Butanone	4.63	43	317193	256.084	ug/l	100
26) 2,2-Dichloropropane	4.55	77	159968	50.808	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	117408	51.211	ug/l	100
28) Bromochloromethane	4.98	49	68580	49.699	ug/l	100
29) Tetrahydrofuran	5.09	42	181733	250.608	ug/l	100
30) Chloroform	5.17	83	188023	51.807	ug/l	100
31) Cyclohexane	5.54	56	133677	51.583	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	170063	52.165	ug/l	100
36) 1,1-Dichloropropene	5.77	75	145139	51.252	ug/l	100
37) Ethyl Acetate	4.79	43	124663	51.361	ug/l	100
38) Carbon Tetrachloride	5.75	117	144943	49.669	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	159509	51.547	ug/l	100
40) Benzene	6.11	78	422289	51.280	ug/l	100
41) Methacrylonitrile	5.00	41	66942	50.097	ug/l	100
42) 1,2-Dichloroethane	6.16	62	146424	51.477	ug/l	100
43) Isopropyl Acetate	6.41	43	209208	49.299	ug/l	100
44) Trichloroethene	7.18	130	115950	50.118	ug/l	100
45) 1,2-Dichloropropane	7.49	63	101241	51.113	ug/l	100
46) Dibromomethane	7.63	93	75861	51.452	ug/l	100
47) Bromodichloromethane	7.87	83	154494	52.224	ug/l	100
48) Methyl methacrylate	7.74	41	99277	50.835	ug/l	100
49) 1,4-Dioxane	7.71	88	53733	1095.967	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	653937	263.368	ug/l	100
52) Toluene	8.76	92	294825	54.790	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	181164	54.130	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	182536	51.709	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	117240	54.380	ug/l	100
56) Ethyl methacrylate	9.16	69	176738	54.640	ug/l	100
57) 1,3-Dichloropropane	9.35	76	190484	53.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	439138	268.018	ug/l	100
59) 2-Hexanone	9.47	43	512239	266.505	ug/l	100
60) Dibromochloromethane	9.57	129	130630	53.997	ug/l	100
61) 1,2-Dibromoethane	9.65	107	125411	54.286	ug/l	100
64) Tetrachloroethene	9.32	164	103312	42.678	ug/l	100
65) Chlorobenzene	10.12	112	326924	51.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	116981	51.043	ug/l	100
67) Ethyl Benzene	10.24	91	581209	52.452	ug/l	100
68) m/p-Xylenes	10.34	106	475003	109.794	ug/l	100
69) o-Xylene	10.68	106	223627	54.630	ug/l	100
70) Styrene	10.70	104	392389	56.146	ug/l	100
71) Bromoform	10.84	173	102406	55.152	ug/l	100
73) Isopropylbenzene	11.00	105	608838	46.827	ug/l	100
74) N-amyl acetate	10.88	43	190299	42.465	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	196713	47.248	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	228886	60.756	ug/l	85
77) Bromobenzene	11.24	156	146517	45.332	ug/l	100
78) n-propylbenzene	11.34	91	705477	47.144	ug/l	100
79) 2-Chlorotoluene	11.40	91	410936	46.946	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	540186	48.949	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	65948	43.524	ug/l	100
82) 4-Chlorotoluene	11.49	91	502151	47.886	ug/l	100
83) tert-Butylbenzene	11.76	119	528412	48.925	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	544522	49.108	ug/l	100
85) sec-Butylbenzene	11.93	105	632420	48.821	ug/l	100
86) p-Isopropyltoluene	12.05	119	608228	50.882	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	301680	50.220	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	309352	49.946	ug/l	100
89) n-Butylbenzene	12.37	91	540735	49.561	ug/l	100
90) Hexachloroethane	12.58	117	95416	49.913	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292844	50.426	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46433	48.519	ug/l	100

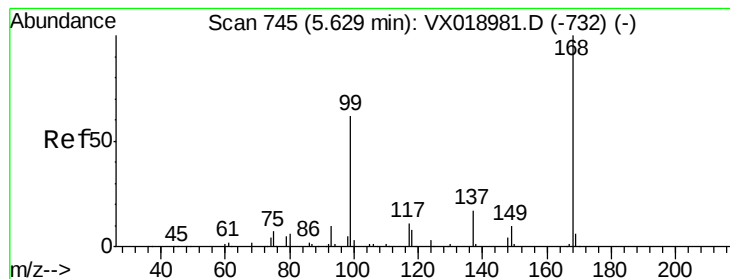
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	197653	49.651	ug/l	100
94) Hexachlorobutadiene	13.76	225	81636	48.144	ug/l	100
95) Naphthalene	13.82	128	675642	50.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	188484	49.532	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

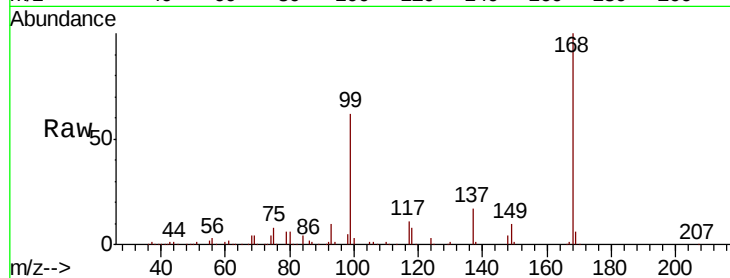
VSTDICCC050

Tot Ion:168 Resp: 167038

Ion Ratio Lower Upper

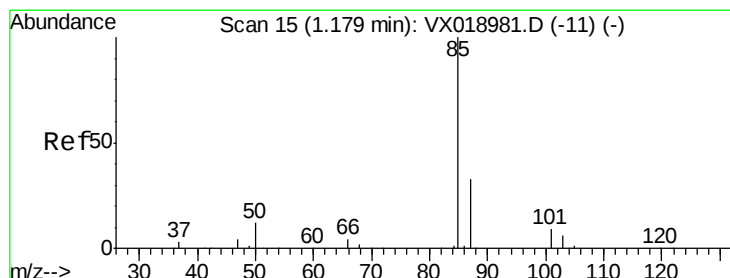
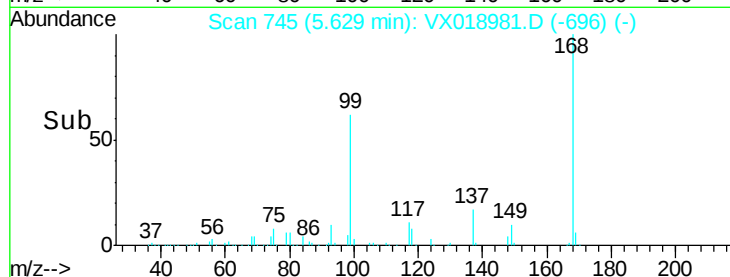
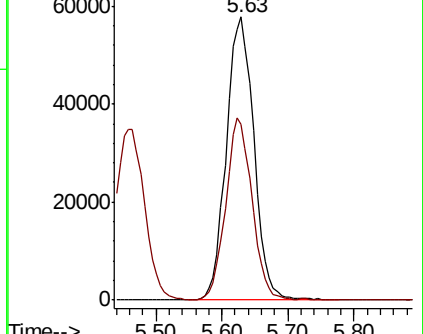
168 100

99 62.1 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.938 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX018981.D

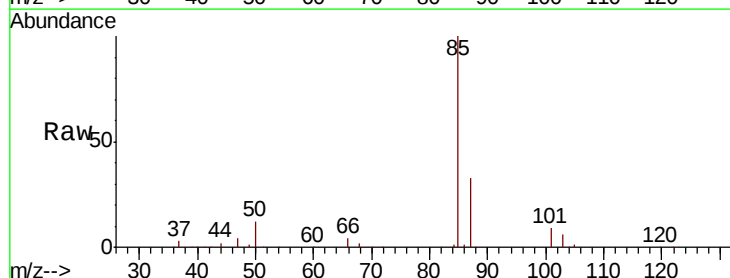
Acq: 20 Oct 2020 17:43

Tgt Ion: 85 Resp: 76326

Ion Ratio Lower Upper

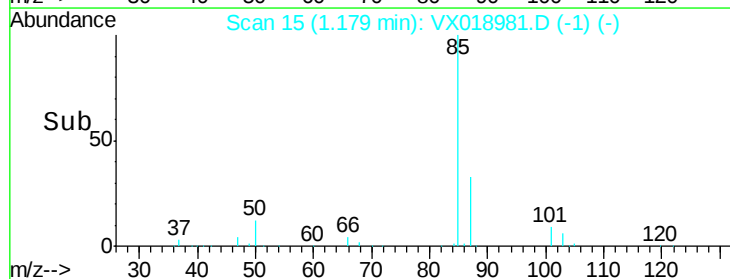
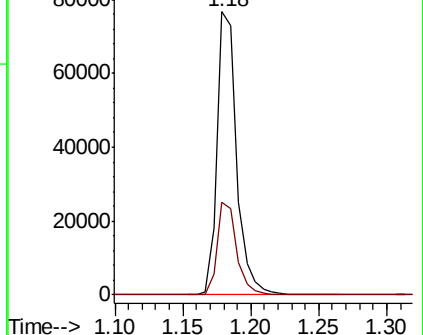
85 100

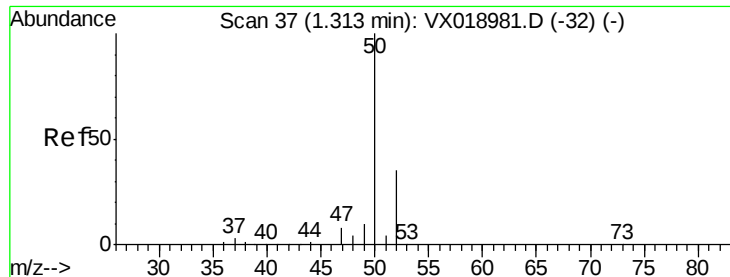
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.944 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

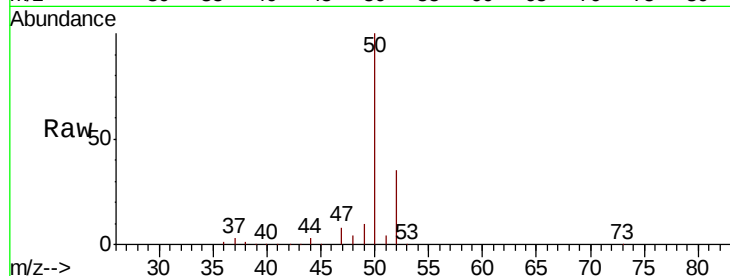
VSTDICCC050

Tot Ion: 50 Resp: 84503

Ion Ratio Lower Upper

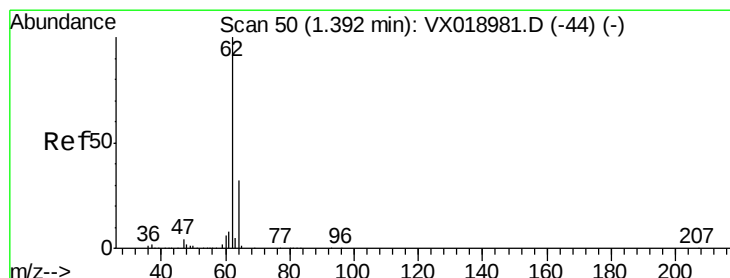
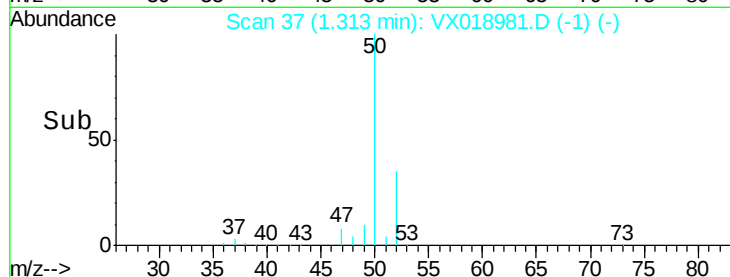
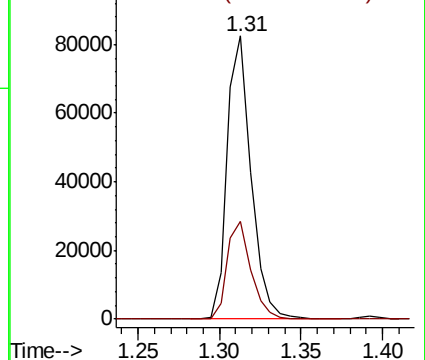
50 100

52 34.6 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.119 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018981.D

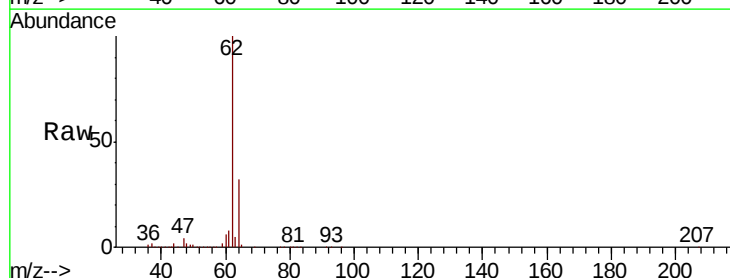
Acq: 20 Oct 2020 17:43

Tgt Ion: 62 Resp: 116791

Ion Ratio Lower Upper

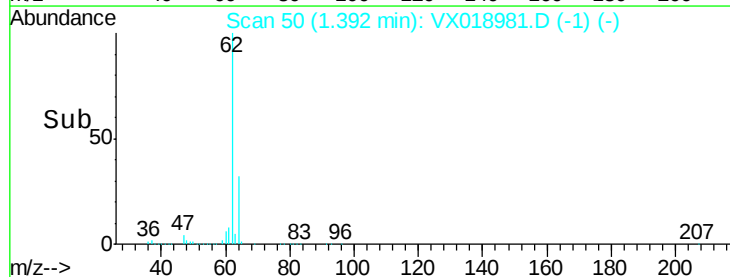
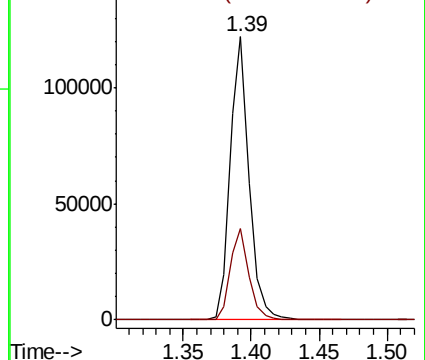
62 100

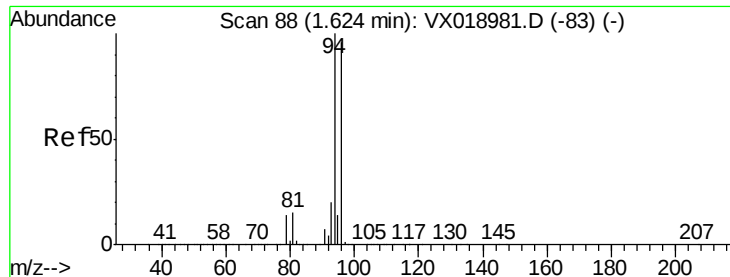
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

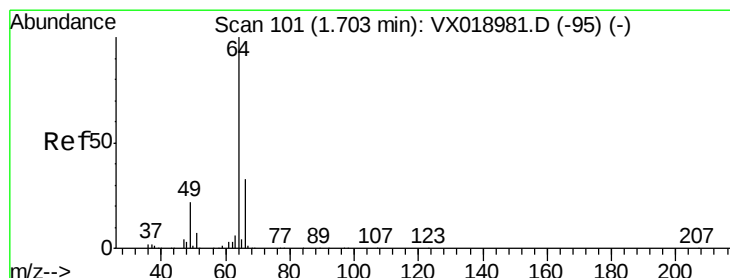
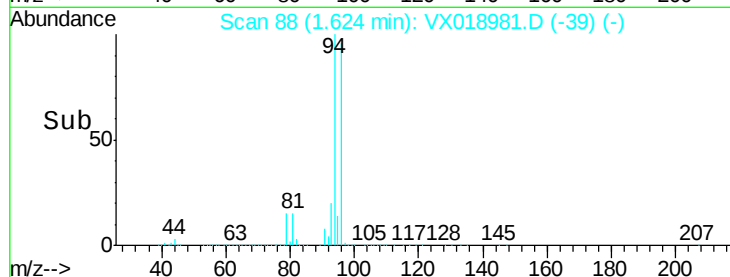
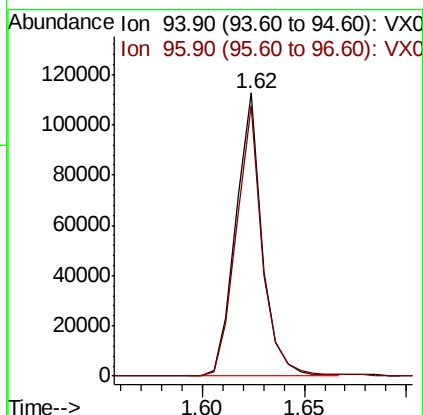
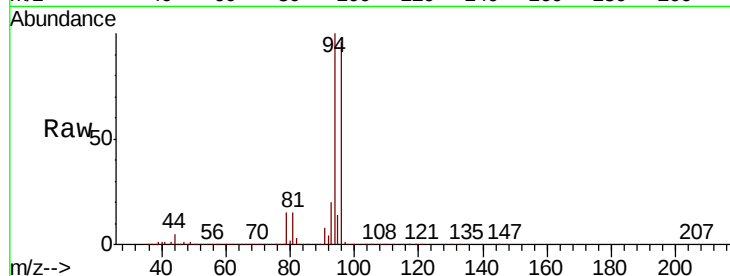




#5
Bromomethane
Concen: 54.837 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

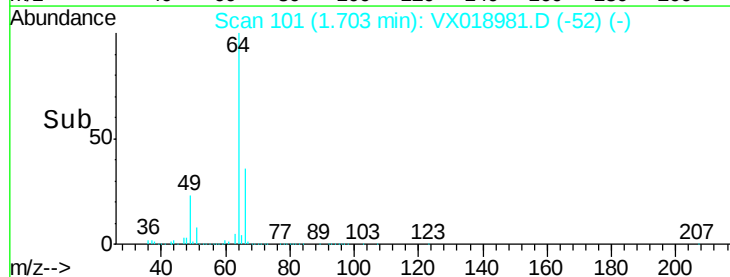
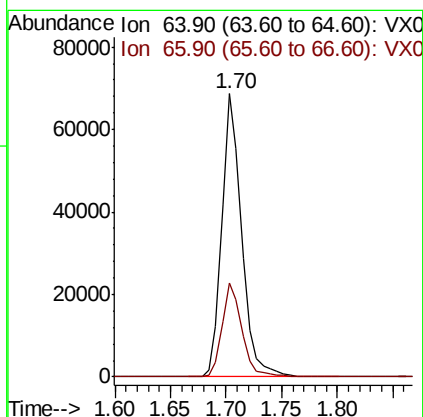
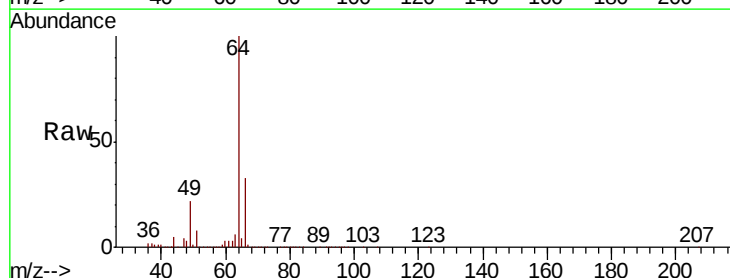
Instrument :
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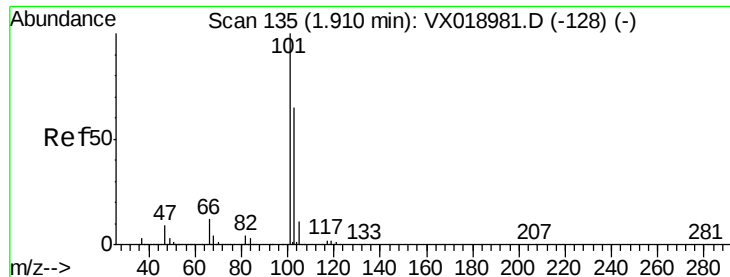
Tot Ion: 94 Resp: 99425
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6



#6
Chloroethane
Concen: 51.258 ug/l
RT: 1.70 min Scan# 101
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 64 Resp: 85035
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5



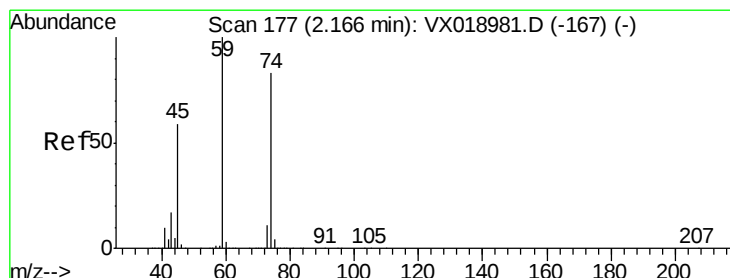
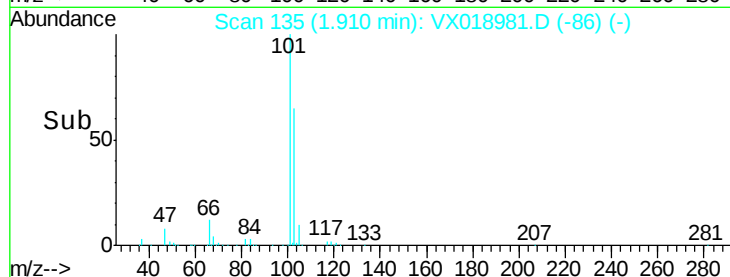
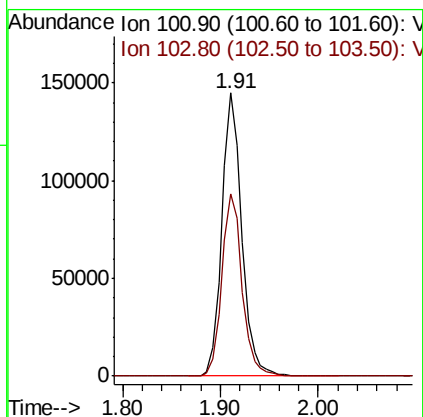
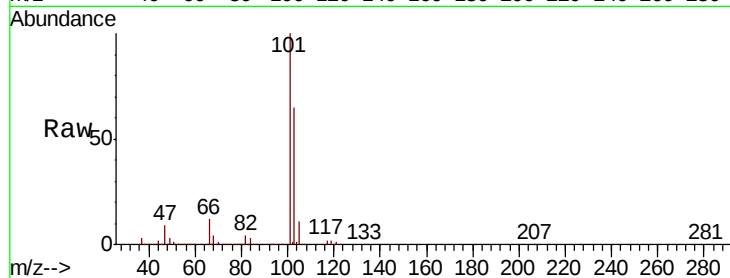


#7

Trichlorofluoromethane
Concen: 54.388 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

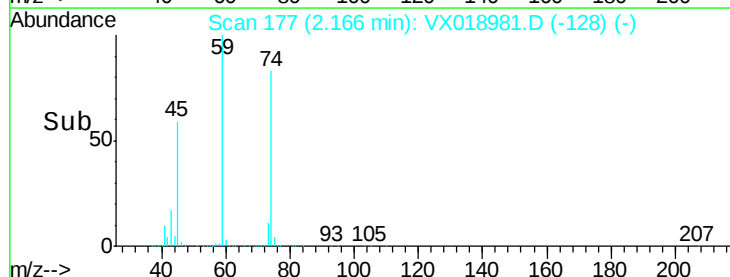
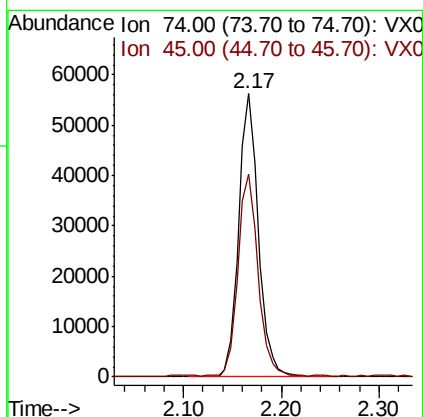
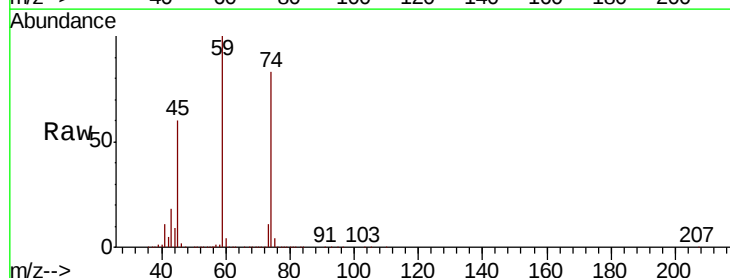
Tot Ion:101 Resp: 203792
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

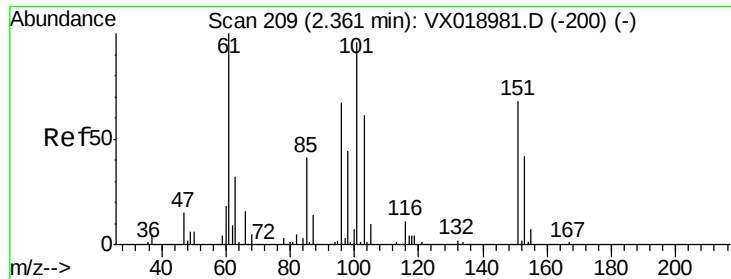


#8

Diethyl Ether
Concen: 53.161 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 74 Resp: 78601
Ion Ratio Lower Upper
74 100
45 72.1 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.924 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

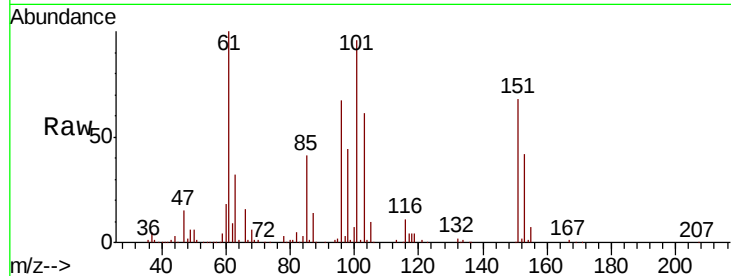
Tot Ion:101 Resp: 88025

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

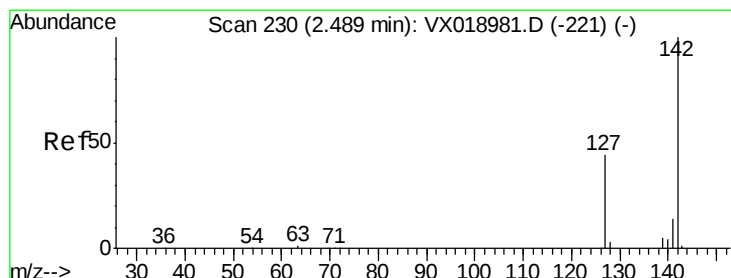
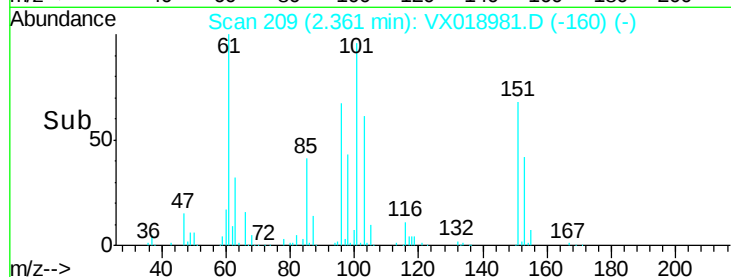
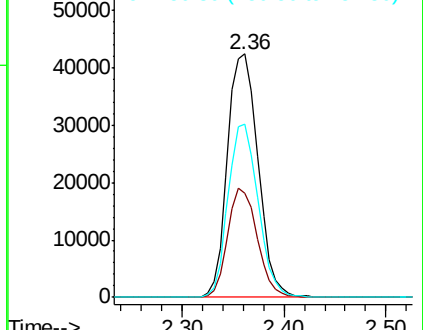
151 70.1 56.1 84.1



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: 53.475 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

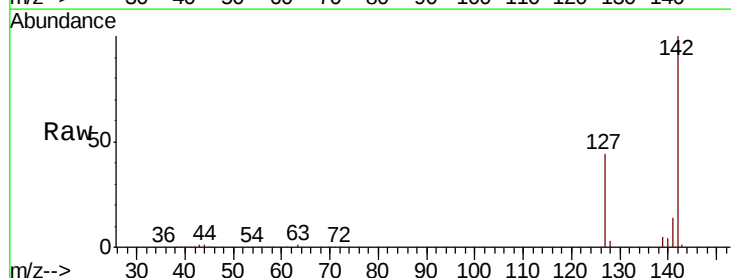
Tgt Ion:142 Resp: 100545

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.2

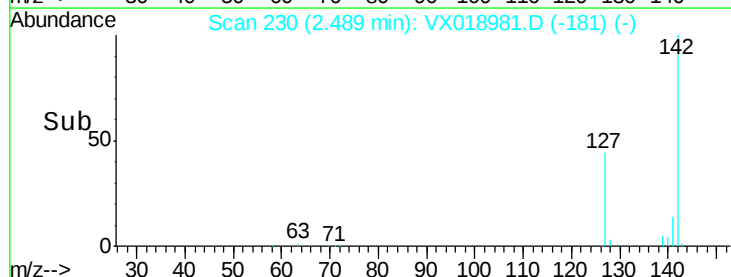
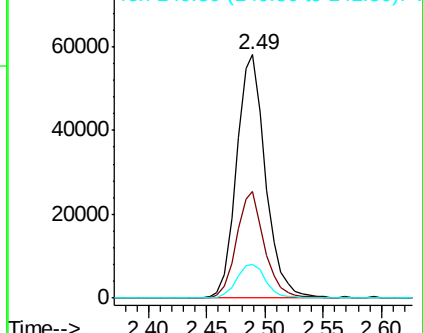
141 14.1 11.3 16.9

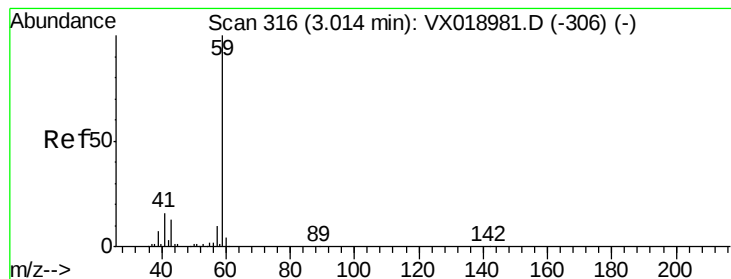


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



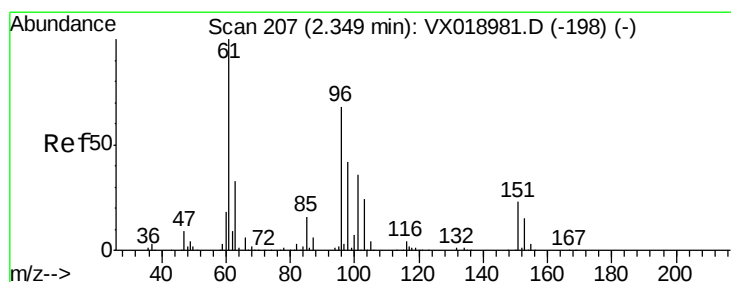
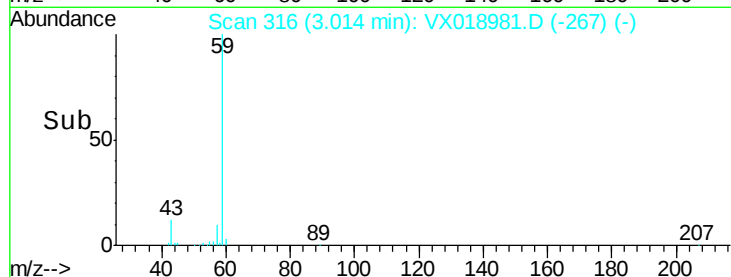
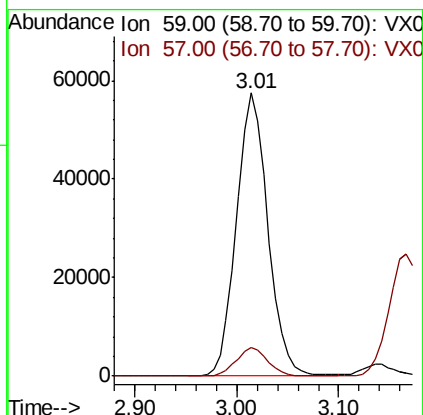
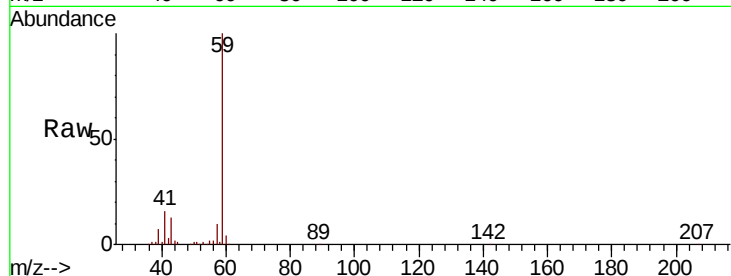


#11

Tert butyl alcohol
 Concen: 255.365 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

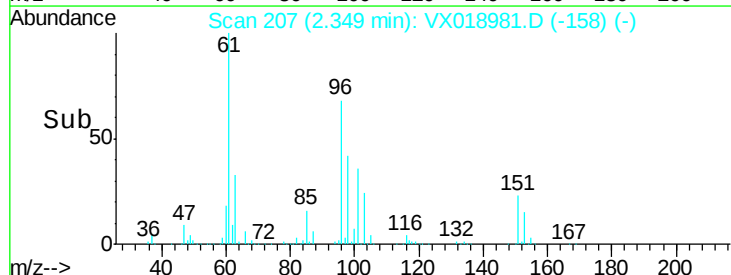
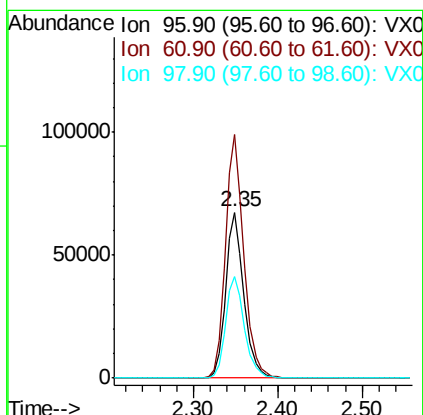
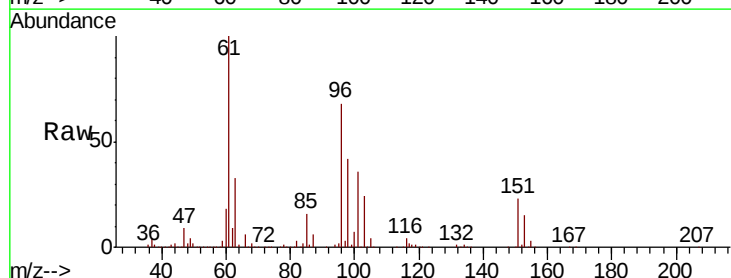
Tot Ion: 59 Resp: 123146
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

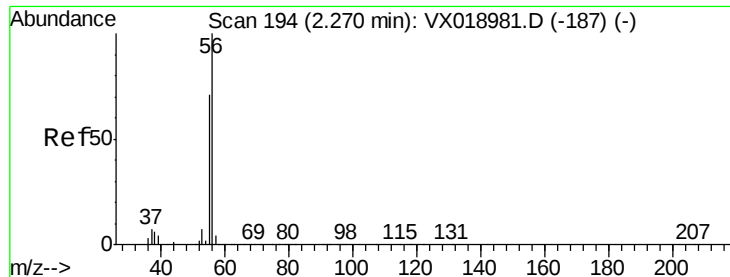


#12

1,1-Dichloroethene
 Concen: 46.303 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 96 Resp: 99642
 Ion Ratio Lower Upper
 96 100
 61 146.7 117.4 176.0
 98 61.1 48.9 73.3

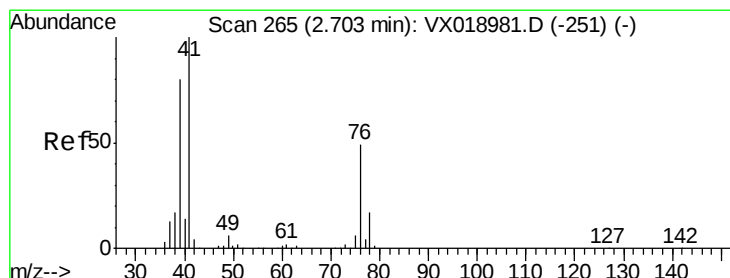
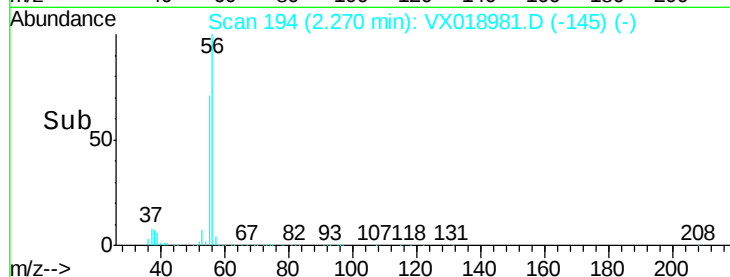
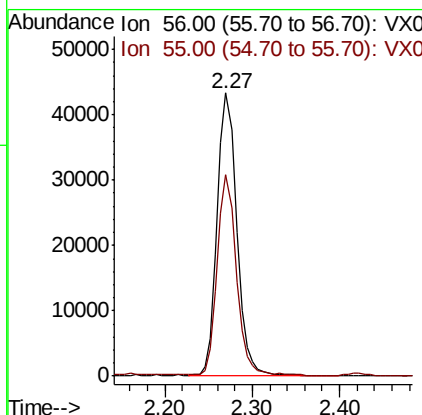
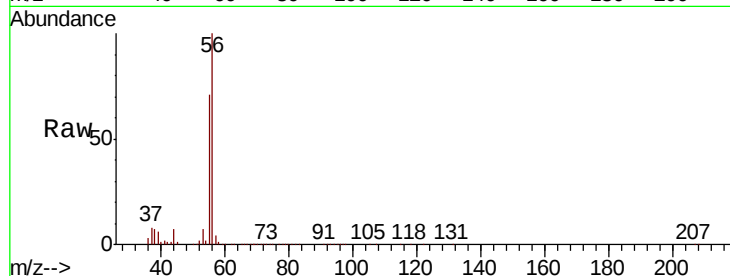




#13
Acrolein
Concen: 232.273 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

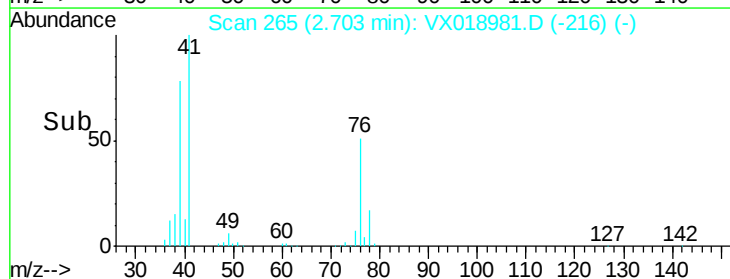
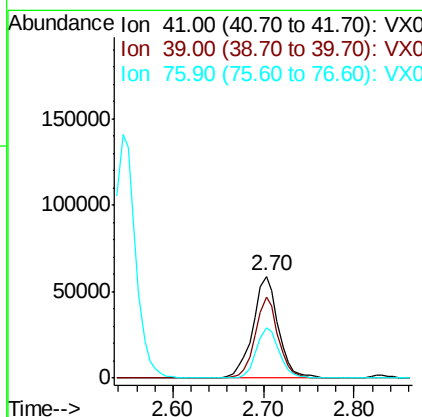
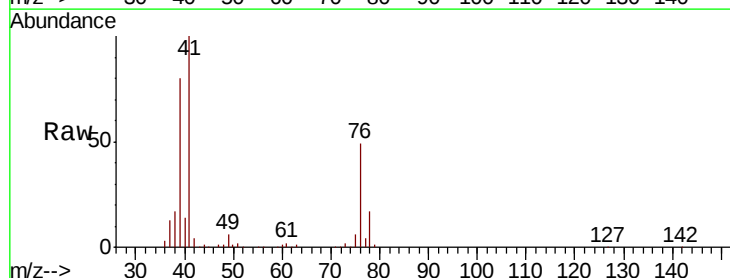
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

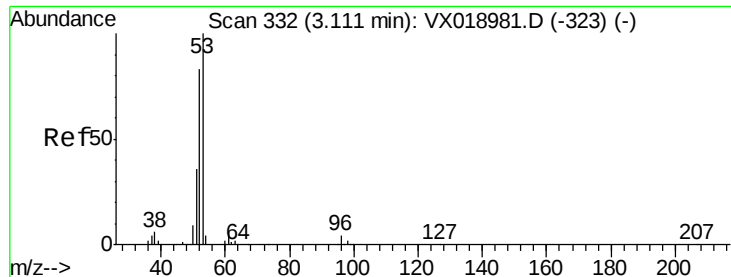
Tot Ion: 56 Resp: 67444
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.2



#14
Allyl chloride
Concen: 49.855 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 41 Resp: 113739
Ion Ratio Lower Upper
41 100
39 72.3 57.8 86.8
76 45.3 36.2 54.4





#15

Acrylonitrile

Concen: 257.585 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

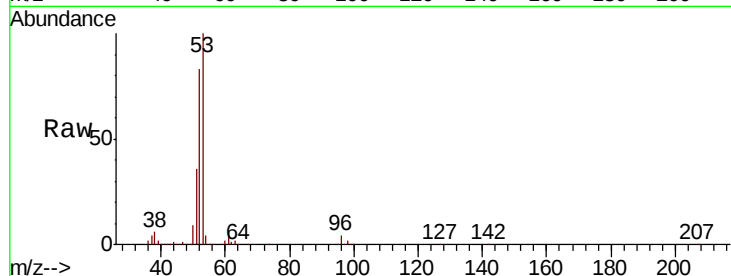
Tot Ion: 53 Resp: 221871

Ion Ratio Lower Upper

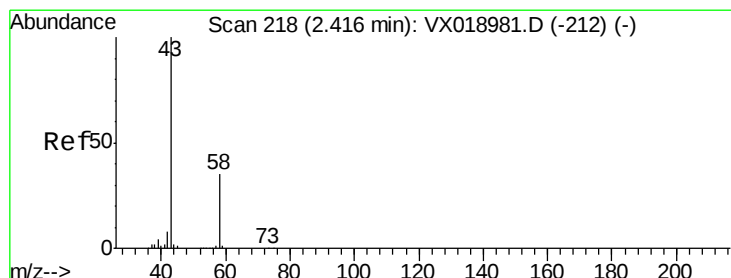
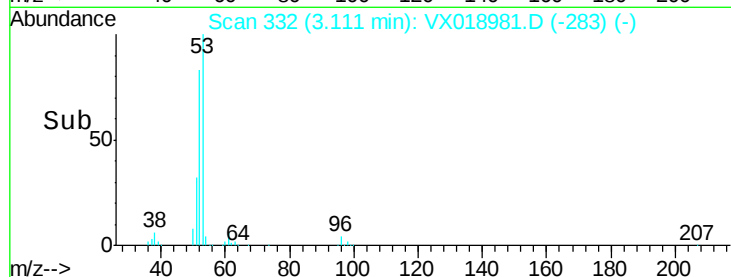
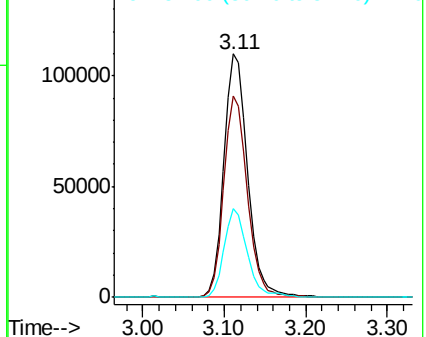
53 100

52 81.9 65.5 98.3

51 36.0 28.8 43.2



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: 206.829 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018981.D

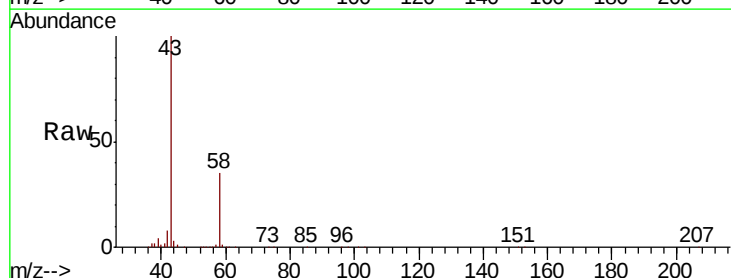
Acq: 20 Oct 2020 17:43

Tgt Ion: 43 Resp: 187293

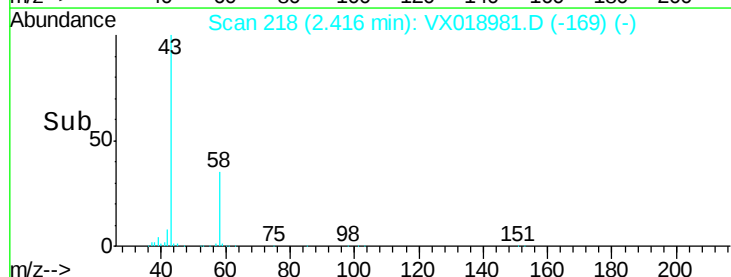
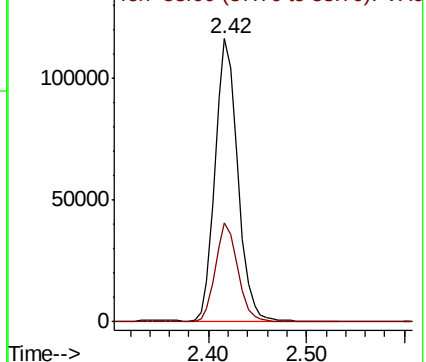
Ion Ratio Lower Upper

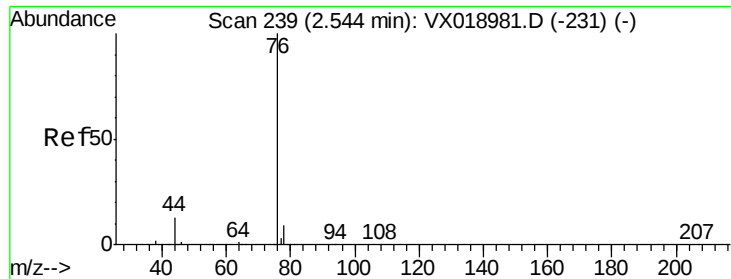
43 100

58 34.9 27.9 41.9



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

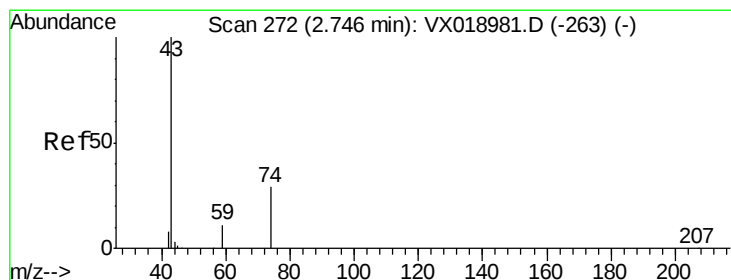
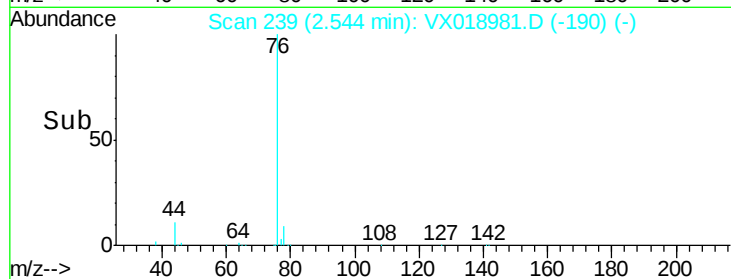
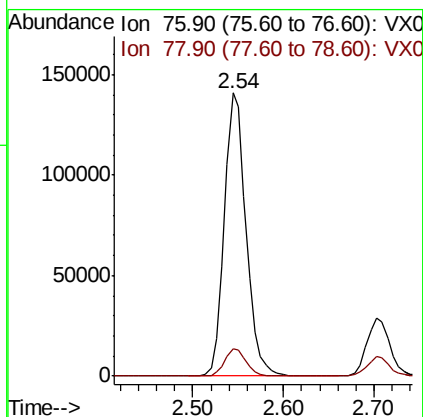
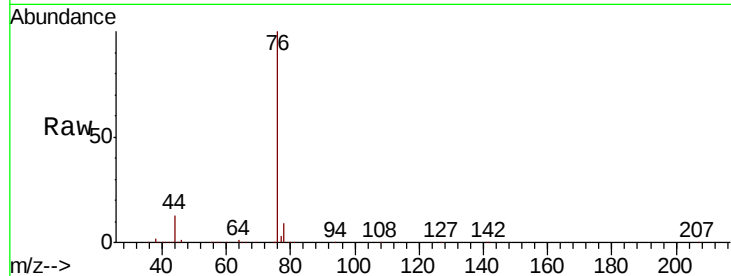




#17
Carbon Disulfide
Concen: 50.107 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

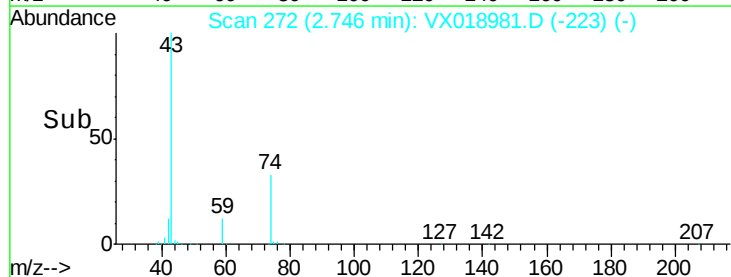
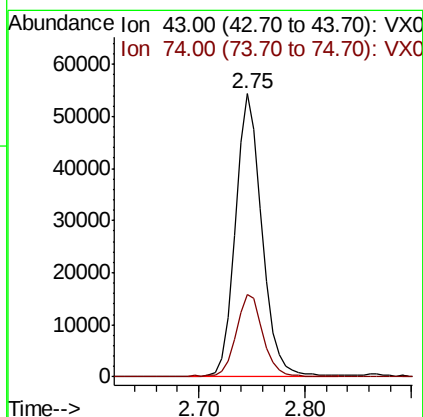
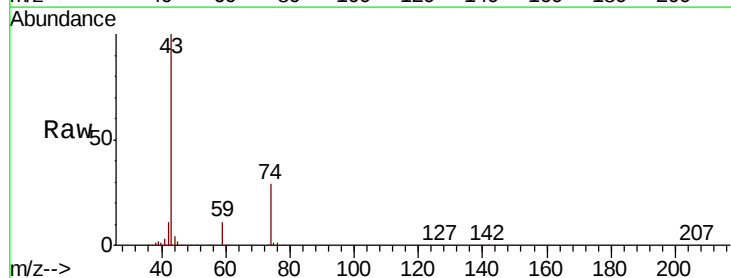
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

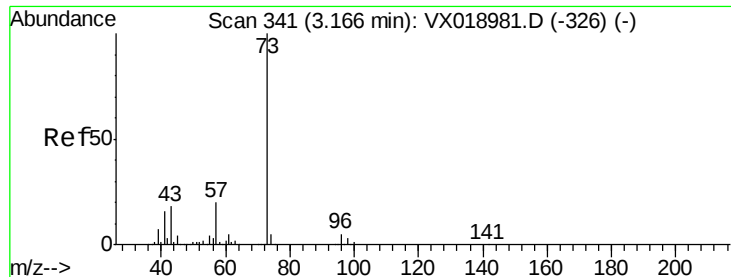
Tot Ion: 76 Resp: 234127
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 51.595 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 43 Resp: 94341
Ion Ratio Lower Upper
43 100
74 30.1 24.1 36.1



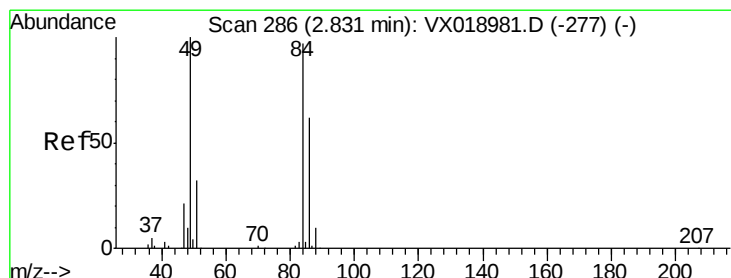
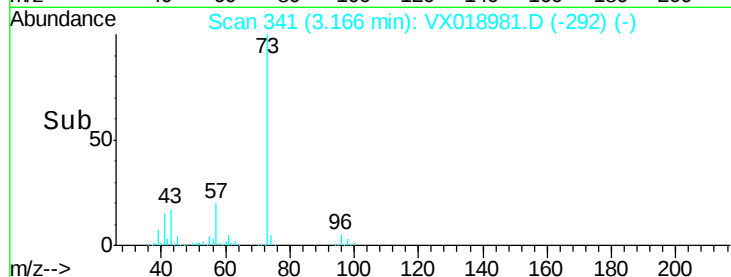
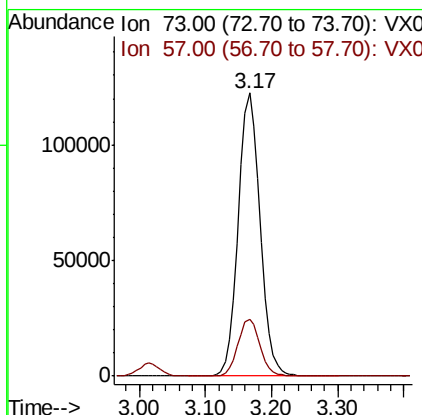
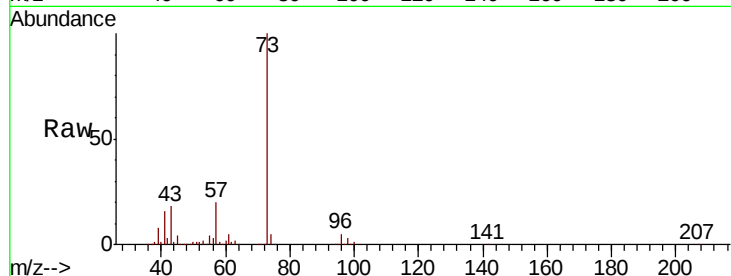


#19

Methyl tert-butyl Ether
 Concen: 50.930 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

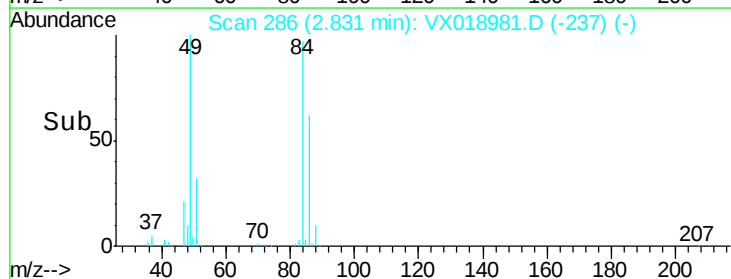
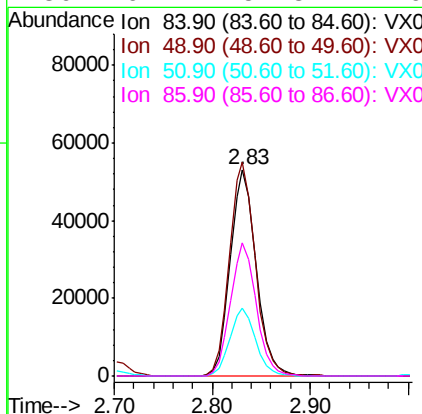
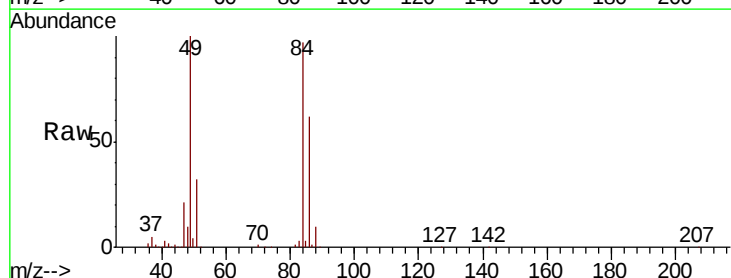
Tot Ion: 73 Resp: 280314
 Ion Ratio Lower Upper
 73 100
 57 20.2 16.2 24.2

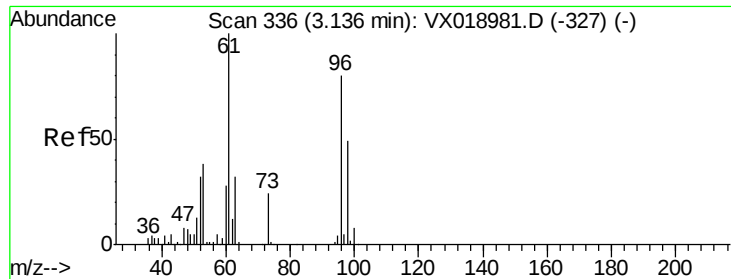


#20

Methylene Chloride
 Concen: 50.343 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 84 Resp: 97547
 Ion Ratio Lower Upper
 84 100
 49 103.6 82.9 124.3
 51 33.0 26.4 39.6
 86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 50.078 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

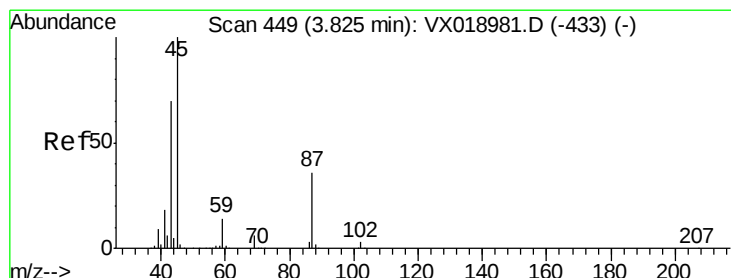
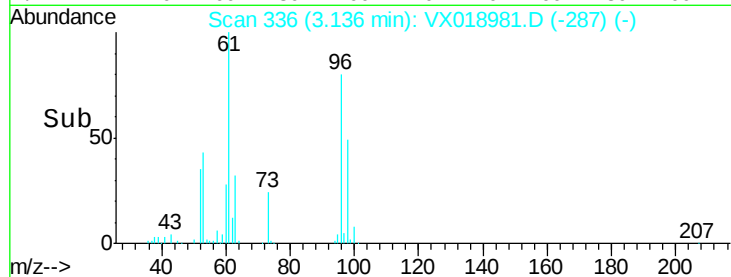
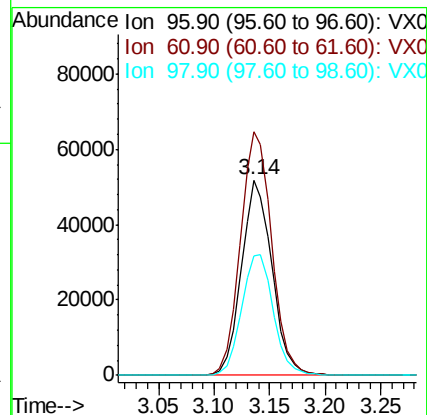
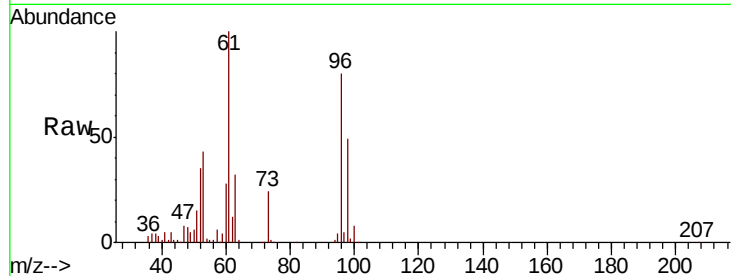
Tot Ion: 96 Resp: 98547

Ion Ratio Lower Upper

96 100

61 124.8 99.8 149.8

98 61.4 49.1 73.7



#22

Diisopropyl ether

Concen: 51.168 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Tgt Ion: 45 Resp: 234217

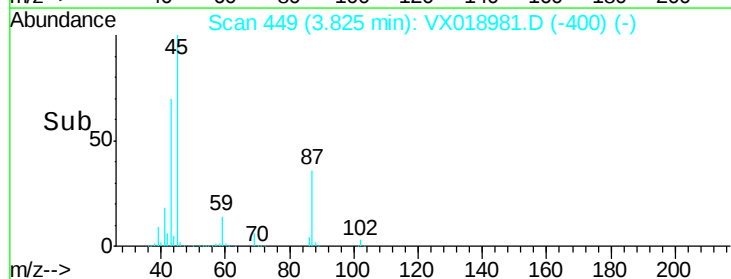
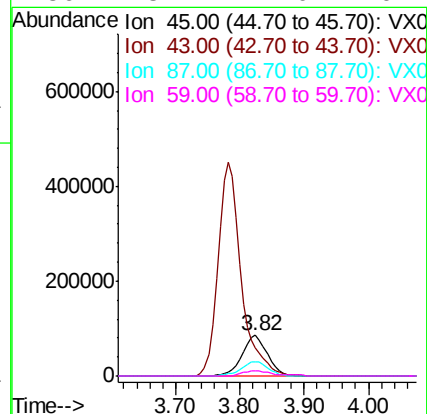
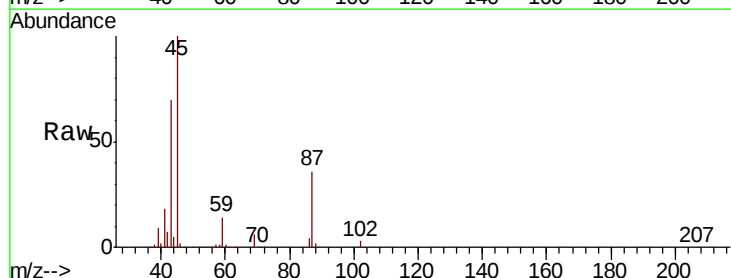
Ion Ratio Lower Upper

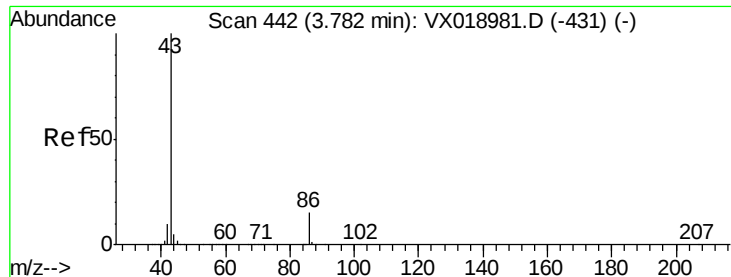
45 100

43 70.1 56.1 84.1

87 36.5 29.2 43.8

59 13.7 11.0 16.4





#23

Vinyl Acetate

Concen: 259.704 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

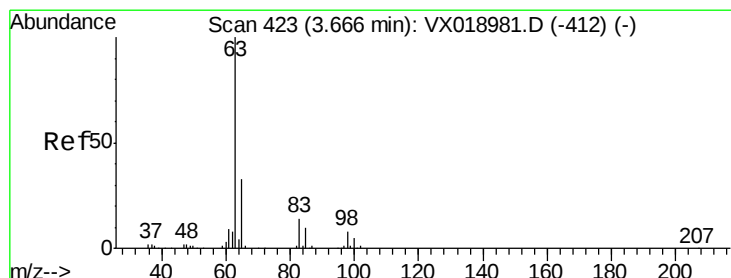
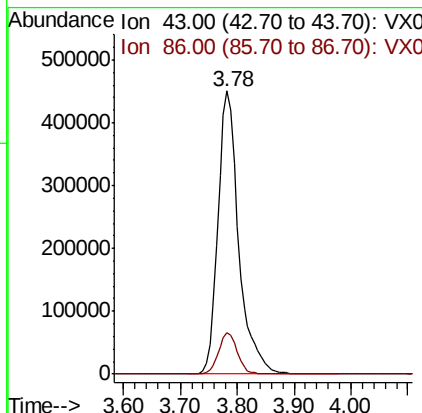
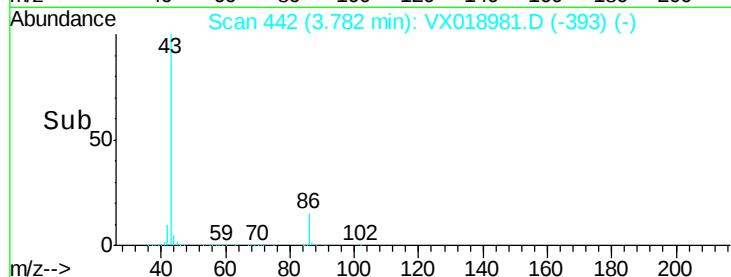
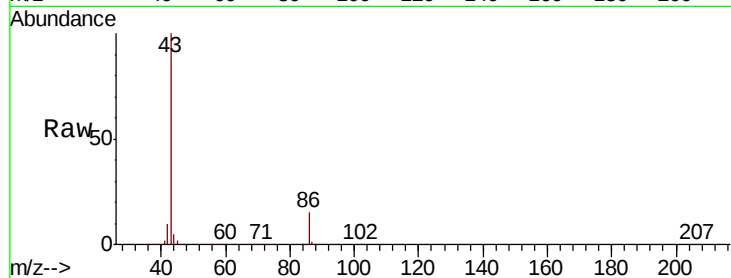
VSTDICCC050

Tot Ion: 43 Resp: 1137040

Ion Ratio Lower Upper

43 100

86 14.7 11.8 17.6



#24

1,1-Dichloroethane

Concen: 51.012 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

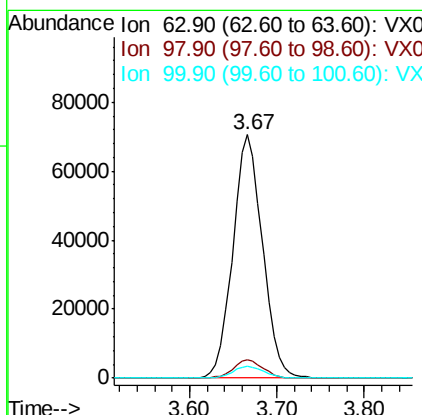
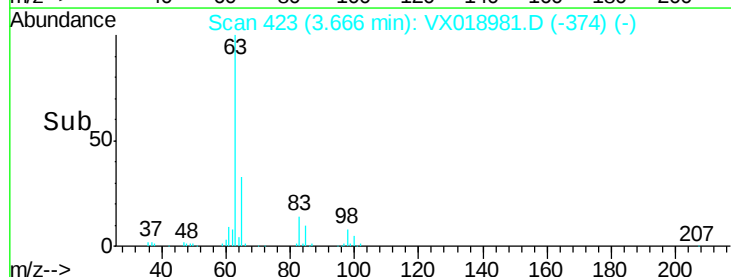
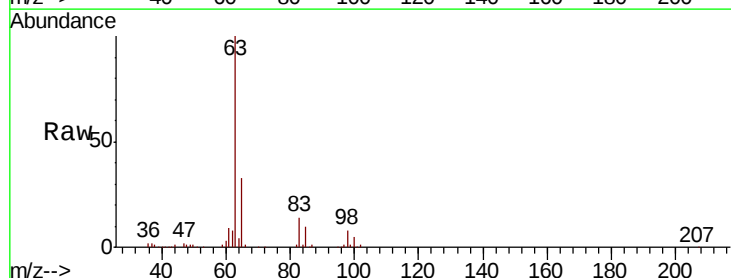
Tgt Ion: 63 Resp: 166350

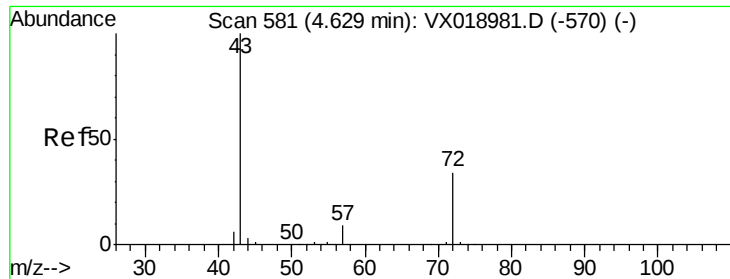
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 256.084 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

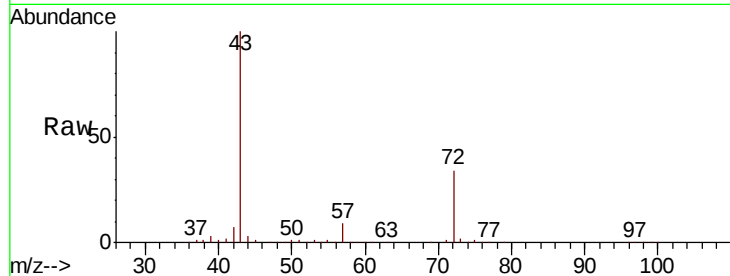
VSTDICCC050

Tot Ion: 43 Resp: 317193

Ion Ratio Lower Upper

43 100

72 34.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

120000

100000

80000

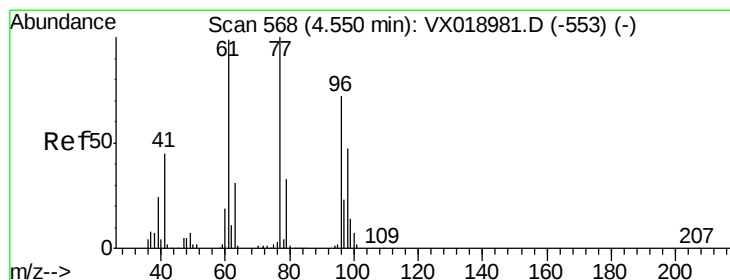
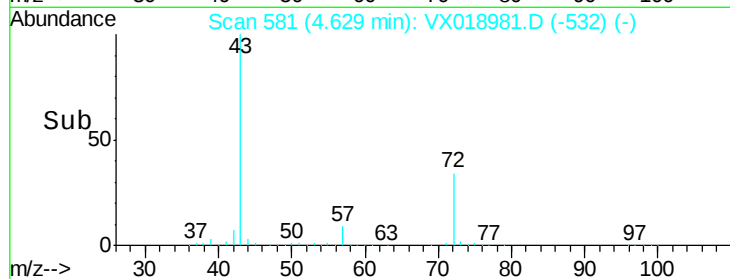
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.808 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018981.D

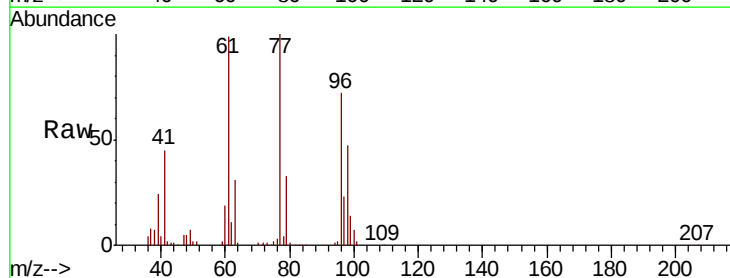
Acq: 20 Oct 2020 17:43

Tgt Ion: 77 Resp: 159968

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

60000

50000

40000

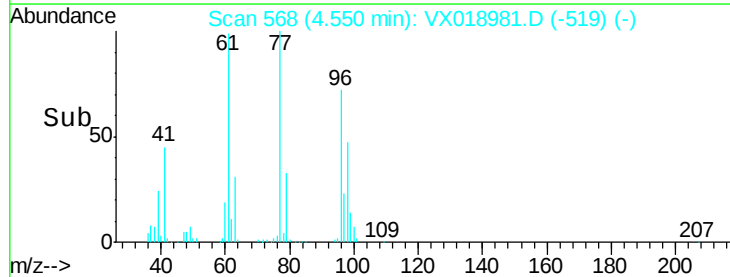
30000

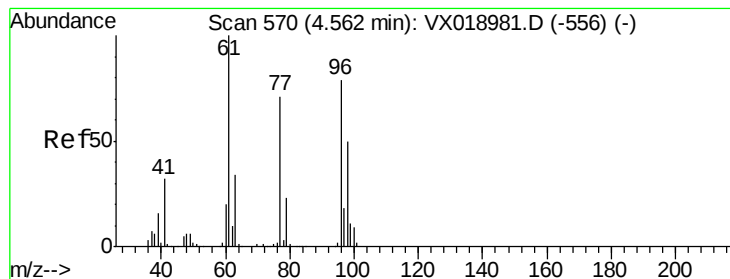
20000

10000

0

Time-->



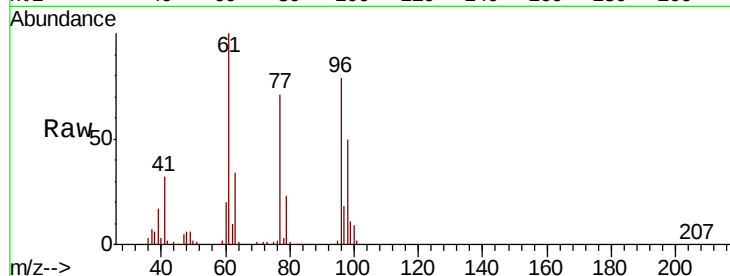


#27

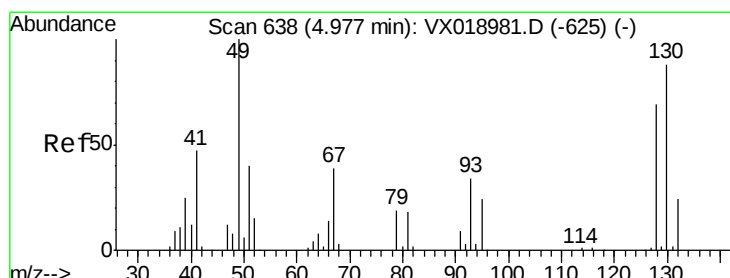
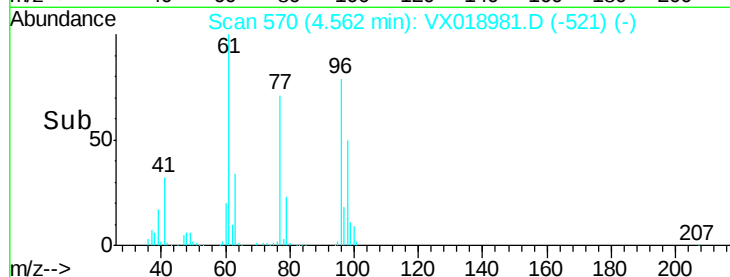
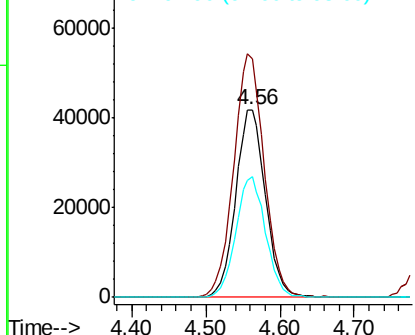
cis-1,2-Dichloroethene
Concen: 51.211 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 96 Resp: 117408
Ion Ratio Lower Upper
96 100
61 133.1 0.0 266.2
98 64.3 0.0 128.6



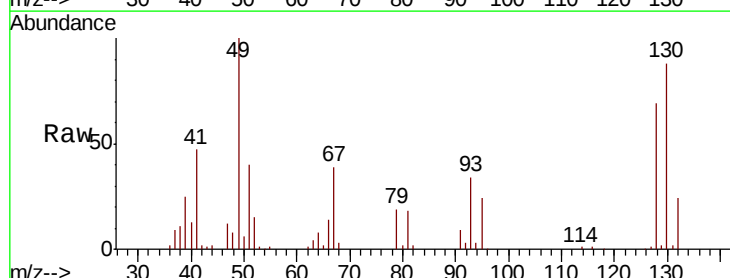
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



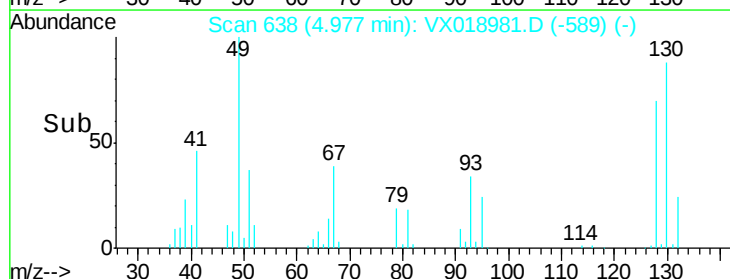
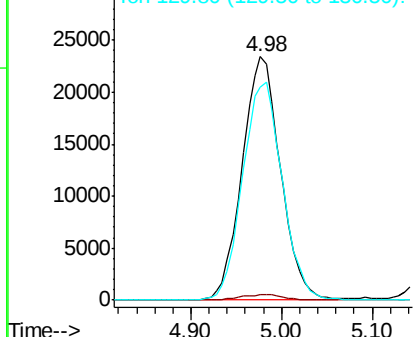
#28

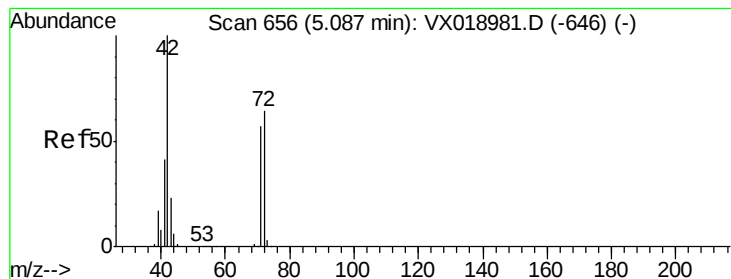
Bromochloromethane
Concen: 49.699 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 49 Resp: 68580
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 92.5 74.0 111.0



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





#29

Tetrahydrofuran

Concen: 250.608 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

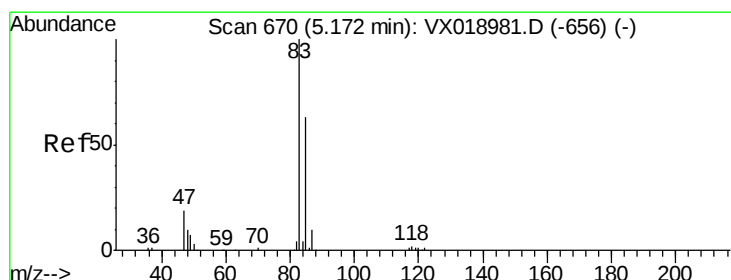
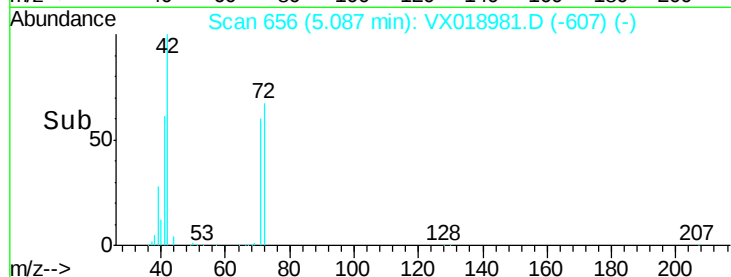
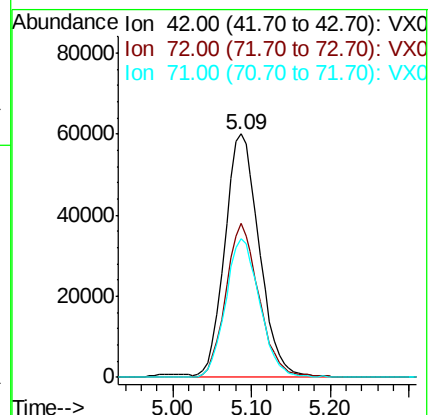
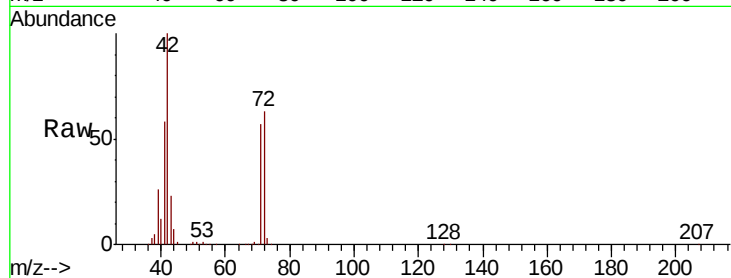
Tot Ion: 42 Resp: 181733

Ion Ratio Lower Upper

42 100

72 61.5 49.2 73.8

71 56.6 45.3 67.9



#30

Chloroform

Concen: 51.807 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.00 min

Lab File: VX018981.D

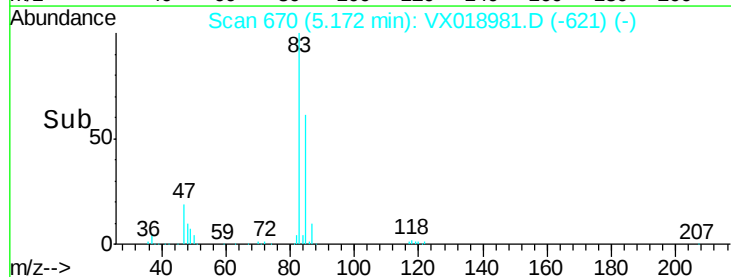
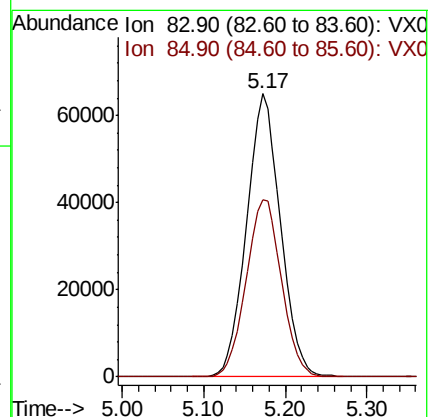
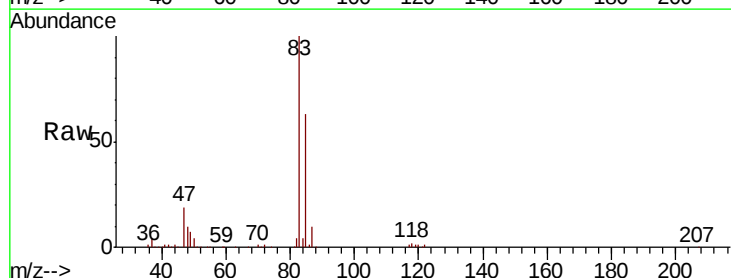
Acq: 20 Oct 2020 17:43

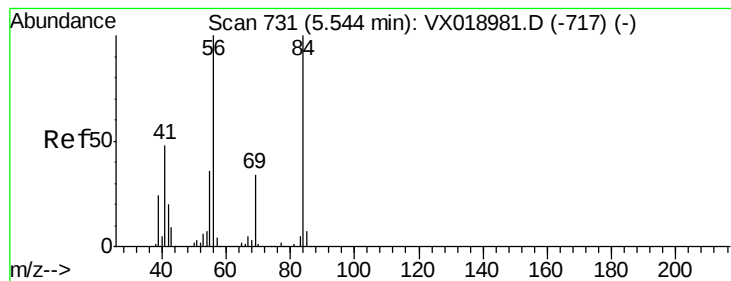
Tgt Ion: 83 Resp: 188023

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1





#31

Cyclohexane

Concen: 51.583 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

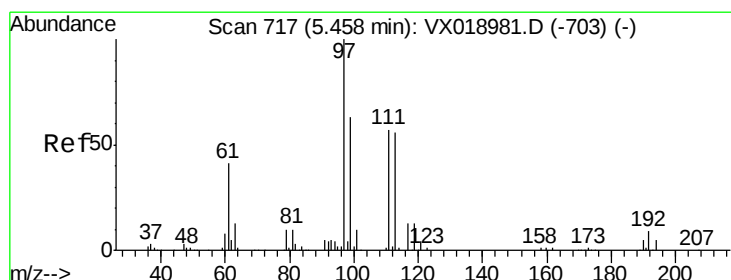
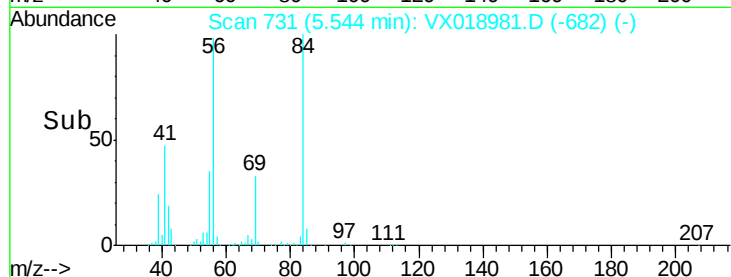
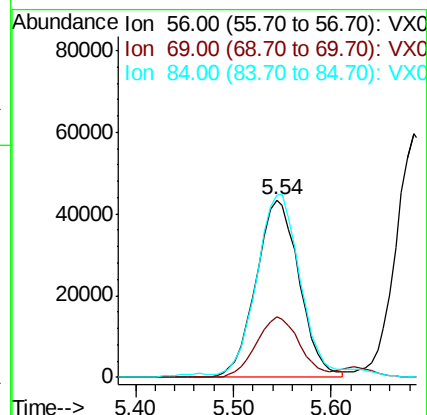
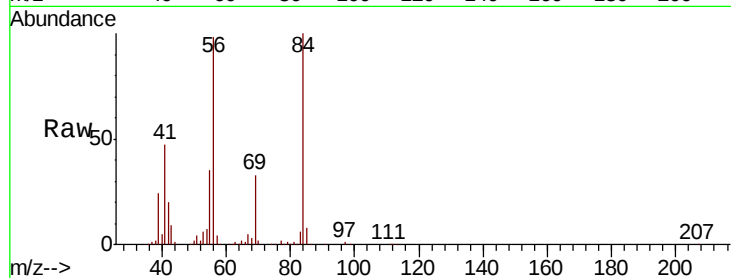
Tot Ion: 56 Resp: 133677

Ion Ratio Lower Upper

56 100

69 33.9 27.1 40.7

84 100.5 80.4 120.6



#32

1,1,1-Trichloroethane

Concen: 52.165 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

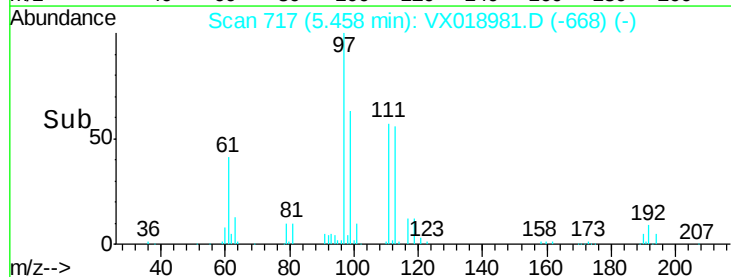
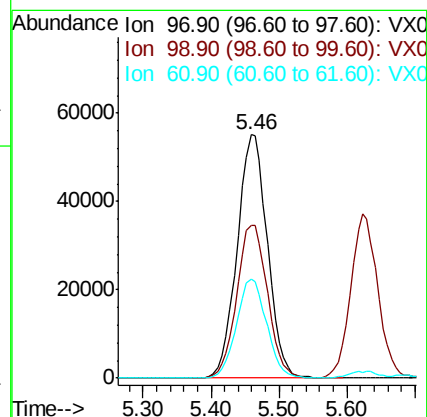
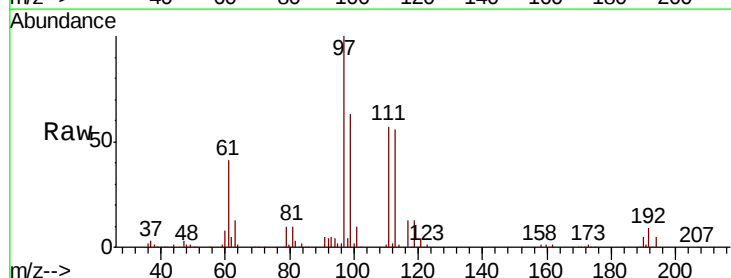
Tgt Ion: 97 Resp: 170063

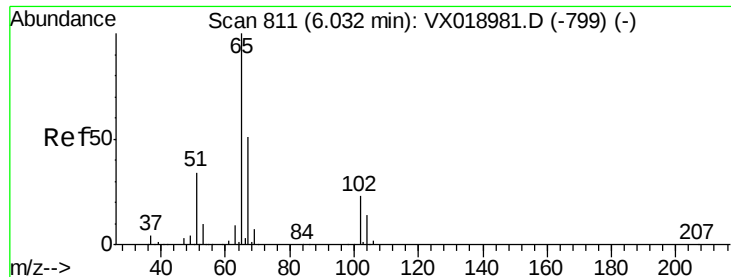
Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 40.6 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 47.467 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

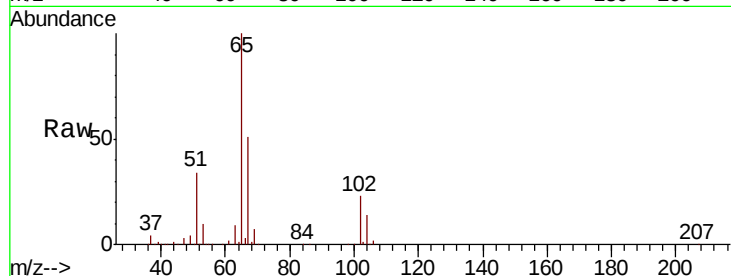
VSTDICCC050

Tot Ion: 65 Resp: 105310

Ion Ratio Lower Upper

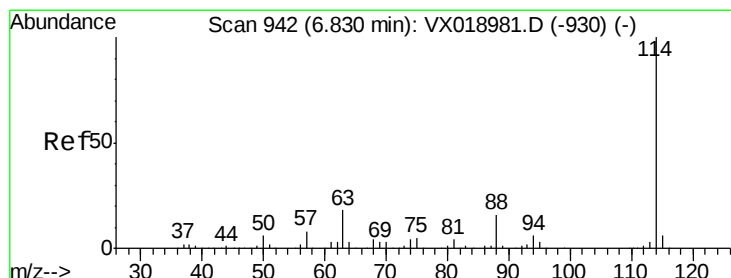
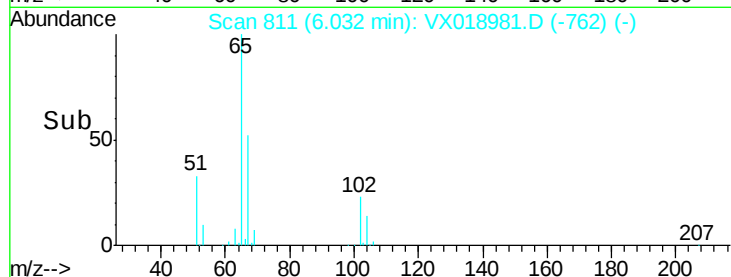
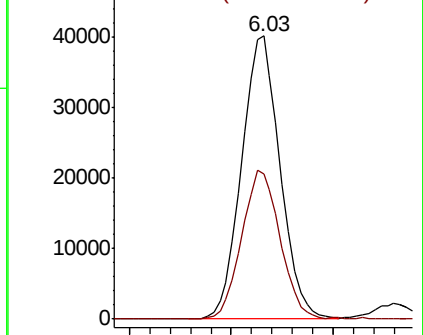
65 100

67 52.7 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

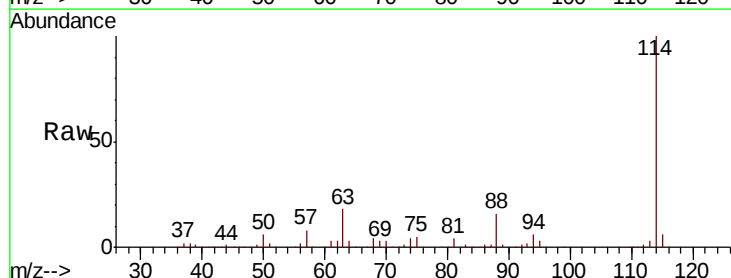
Tgt Ion: 114 Resp: 300501

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

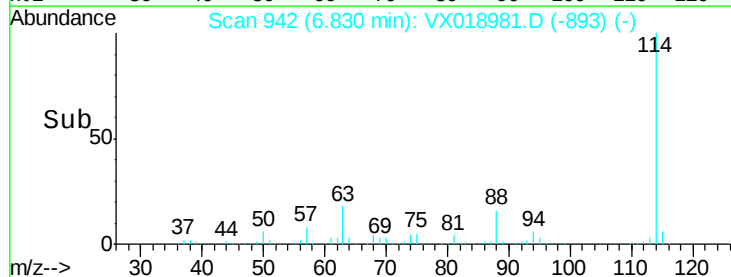
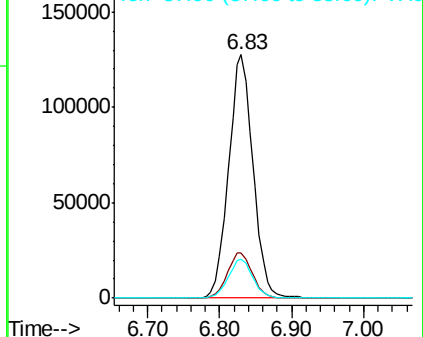
88 15.9 0.0 31.8

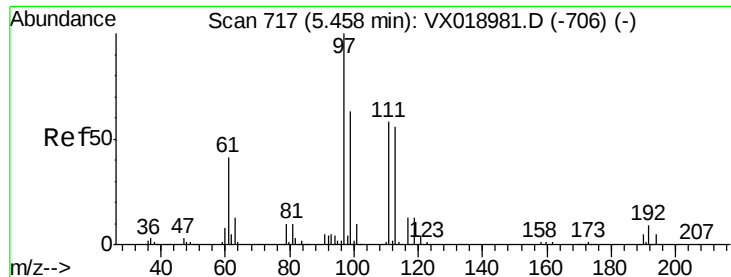


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

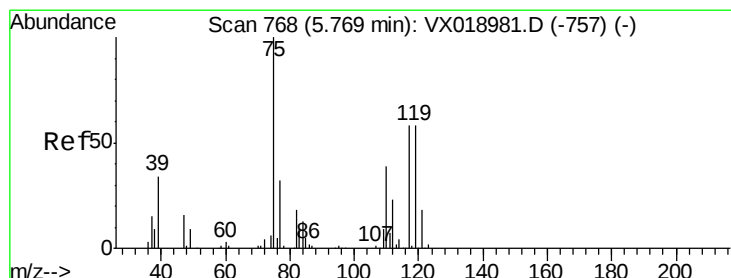
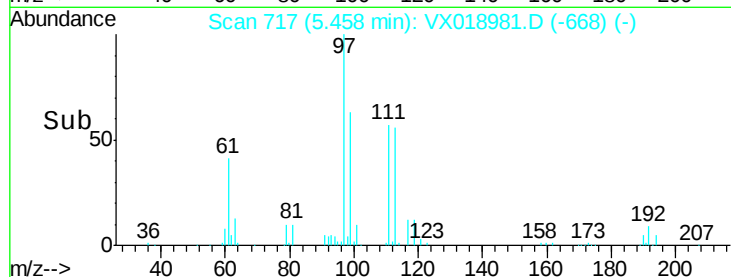
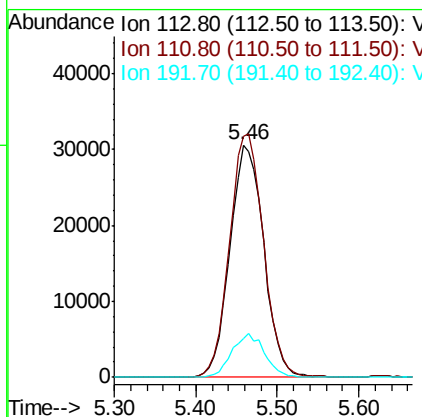
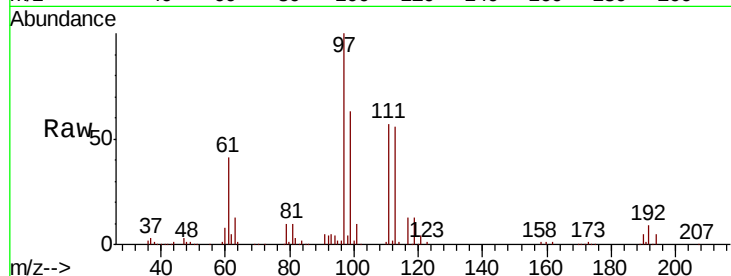




#35
 Dibromofluoromethane
 Concen: 45.306 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

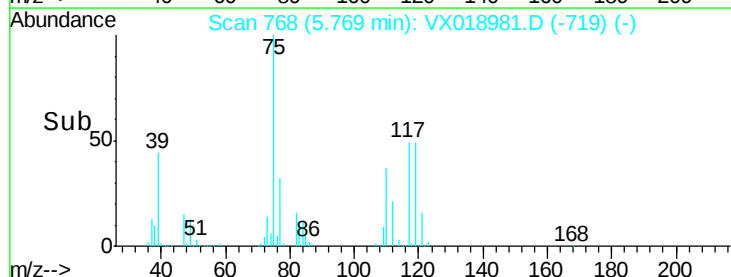
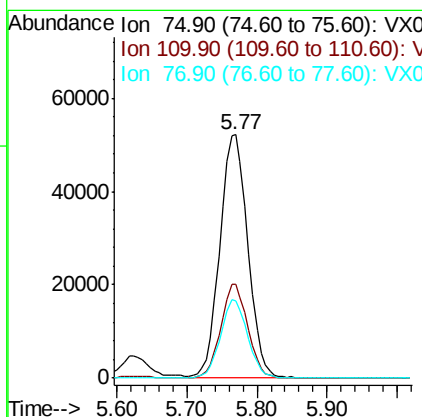
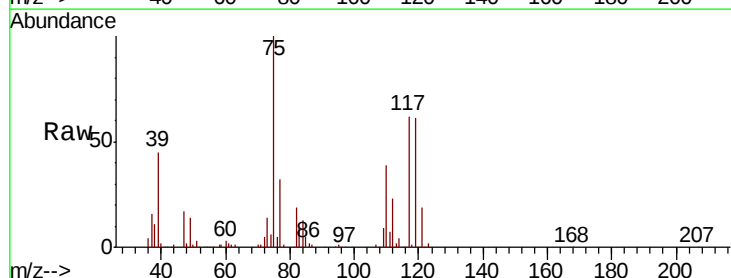
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

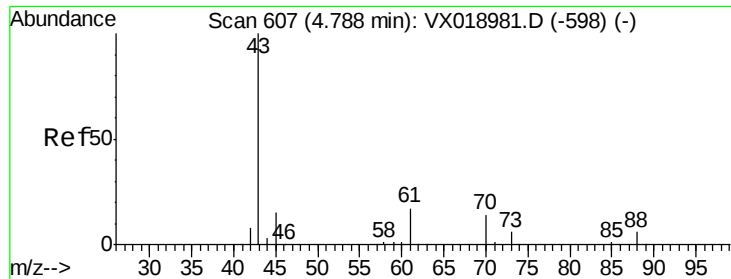
Tot Ion:113 Resp: 87739
 Ion Ratio Lower Upper
 113 100
 111 105.1 84.1 126.1
 192 18.4 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 51.252 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 75 Resp: 145139
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.6 55.6
 77 31.2 25.0 37.4

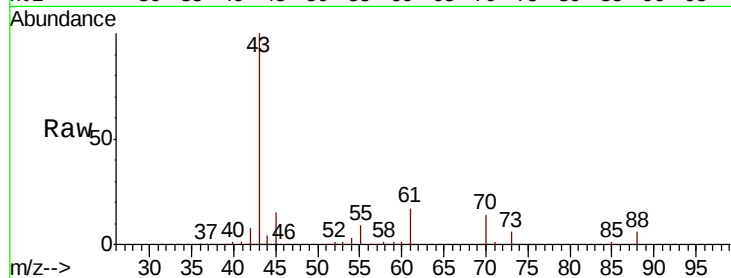




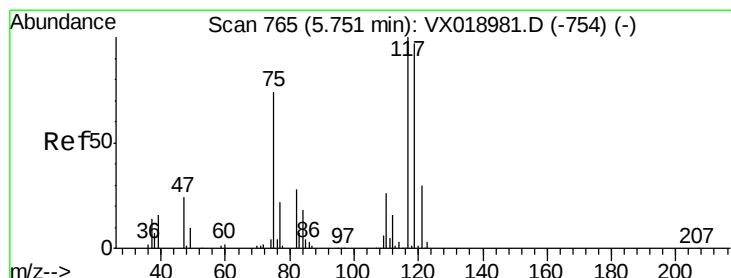
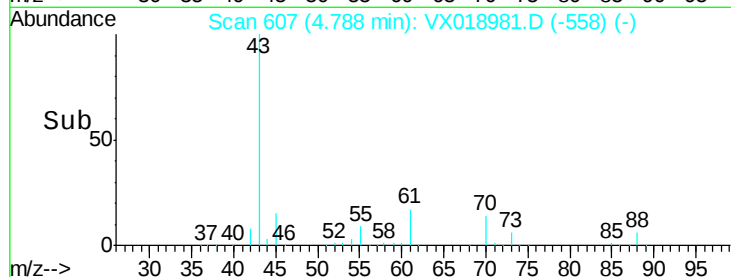
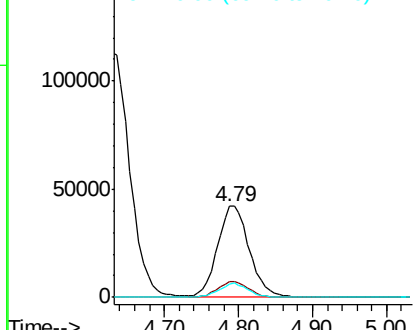
#37
Ethyl Acetate
Concen: 51.361 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 124663
Ion Ratio Lower Upper
43 100
61 16.9 13.5 20.3
70 14.3 11.4 17.2

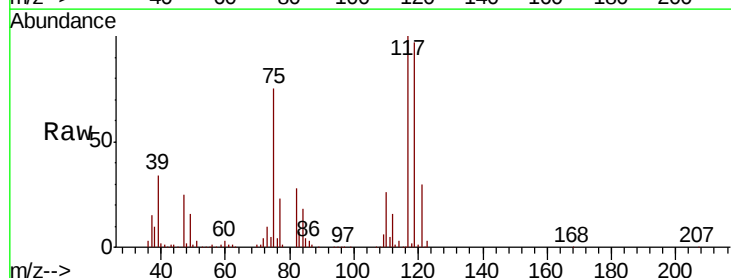


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

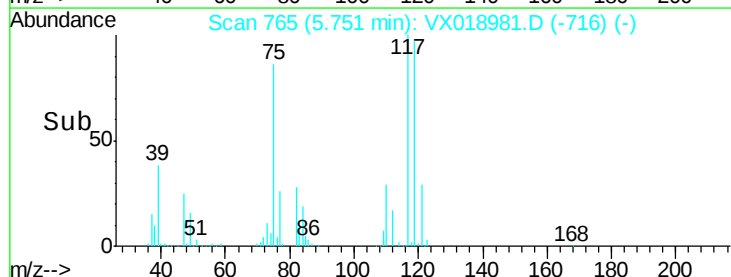
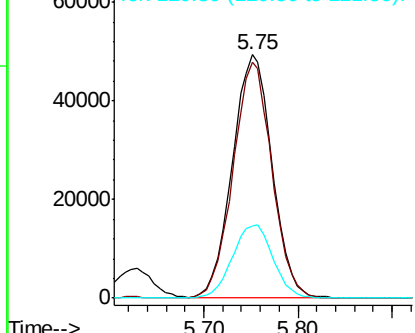


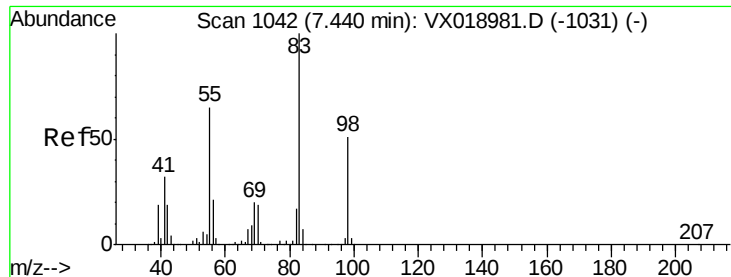
#38
Carbon Tetrachloride
Concen: 49.669 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 117 Resp: 144943
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4
121 29.9 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

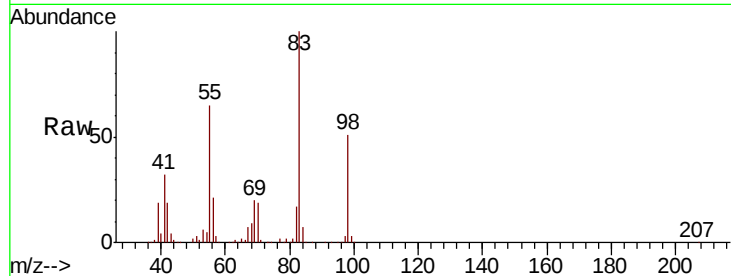




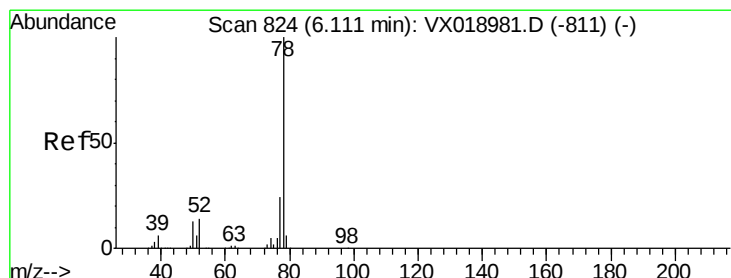
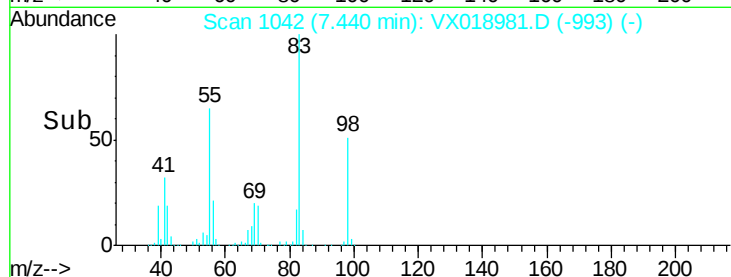
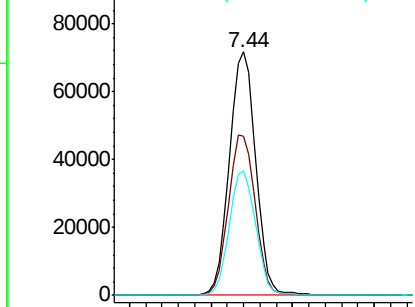
#39
Methvlcvclohexane
Concen: 51.547 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 159509
Ion Ratio Lower Upper
83 100
55 65.3 52.2 78.4
98 51.0 40.8 61.2

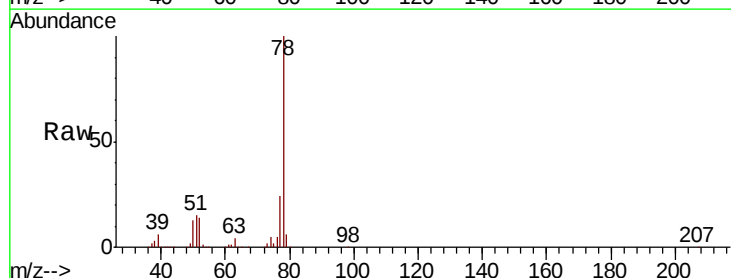


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

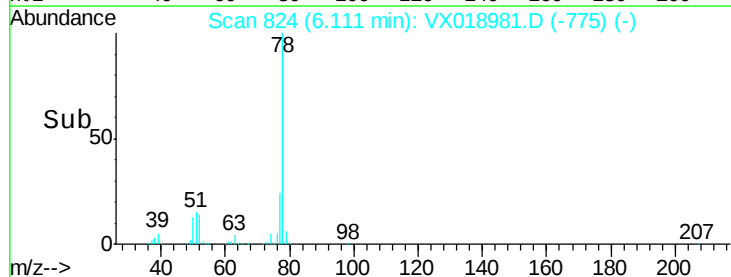
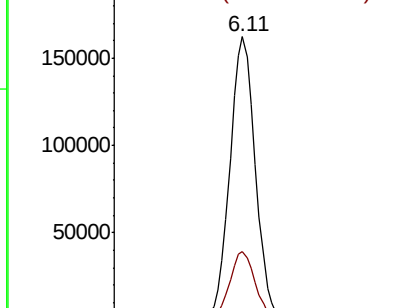


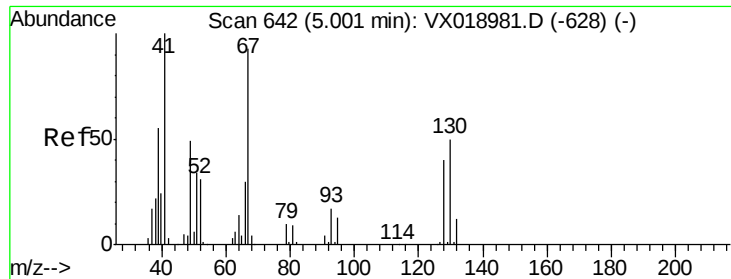
#40
Benzene
Concen: 51.280 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 78 Resp: 422289
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 50.097 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 66942

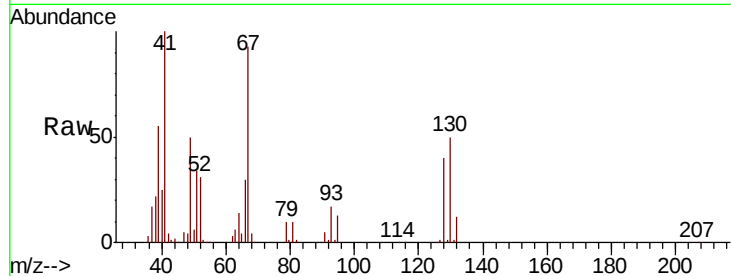
Ion Ratio Lower Upper

41 100

39 55.4 44.3 66.5

67 93.4 74.7 112.1

52 34.3 27.4 41.2

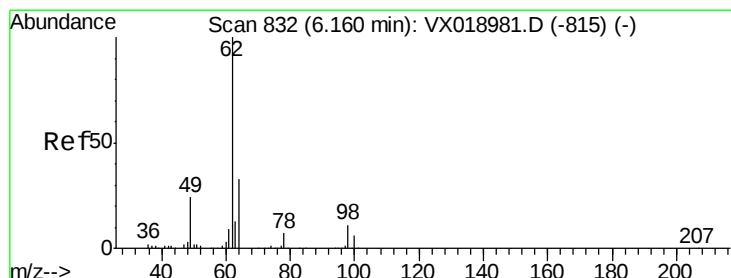
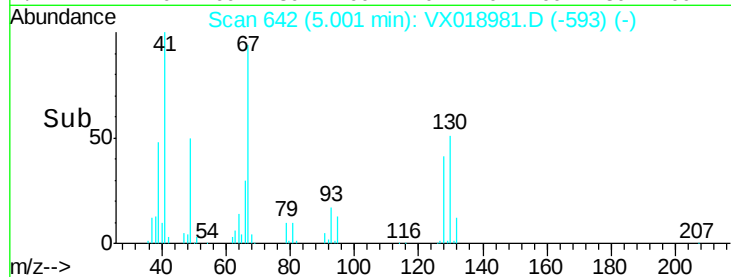
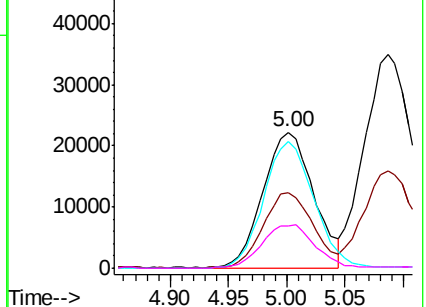


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.477 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018981.D

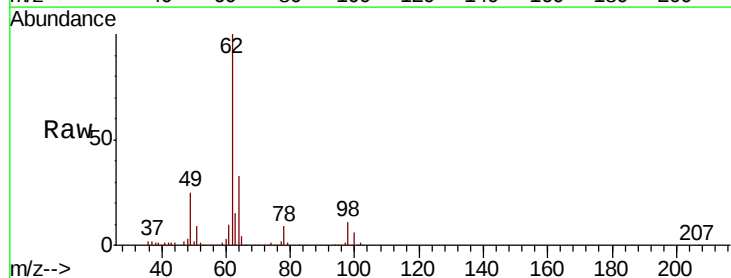
Acq: 20 Oct 2020 17:43

Tgt Ion: 62 Resp: 146424

Ion Ratio Lower Upper

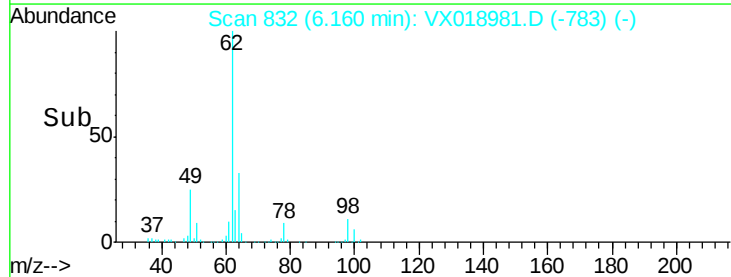
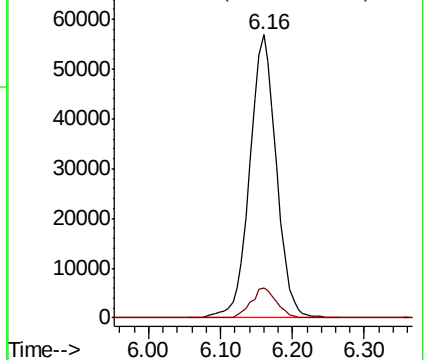
62 100

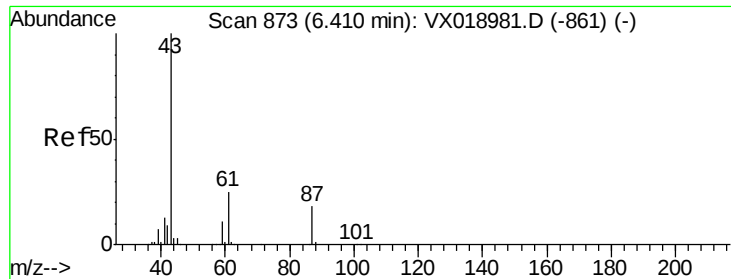
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



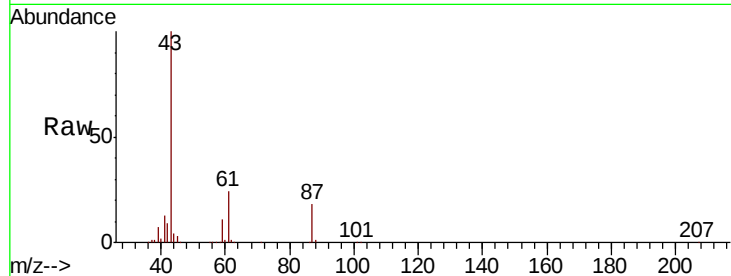


#43

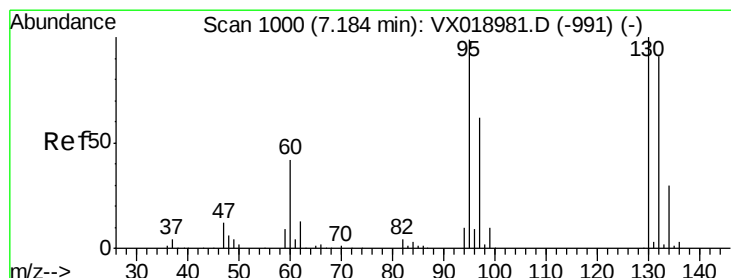
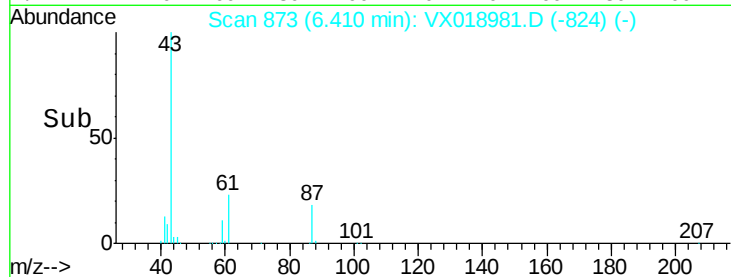
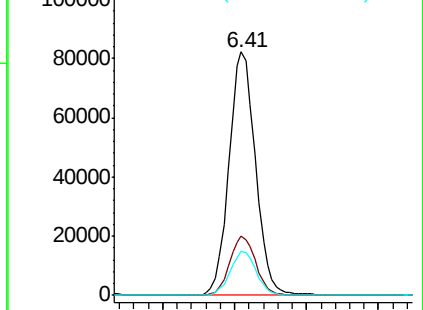
Isopropyl Acetate
 Concen: 49.299 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	209208
Ion Ratio	Lower	Upper	
43	100		
61	24.1	19.3	28.9
87	17.9	14.3	21.5



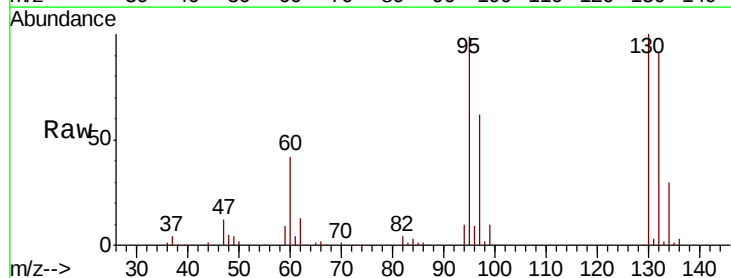
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



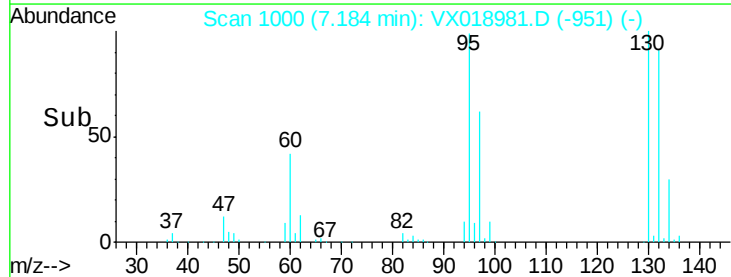
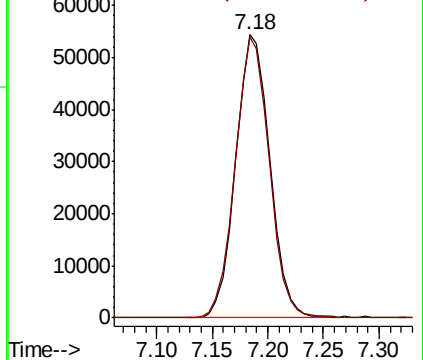
#44

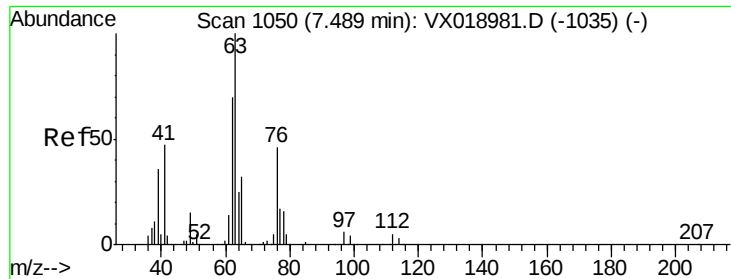
Trichloroethene
 Concen: 50.118 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion	130	Resp	115950
Ion Ratio	Lower	Upper	
130	100		
95	99.1	0.0	198.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

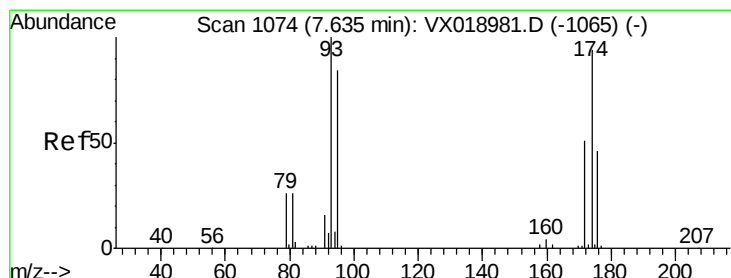
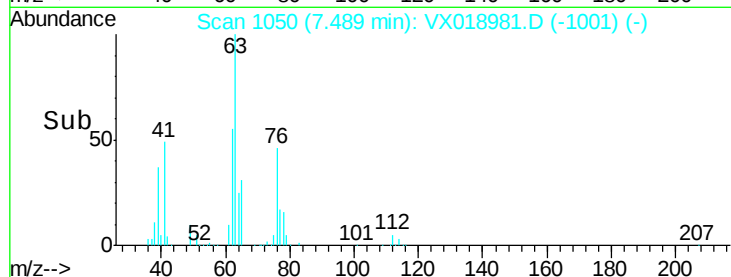
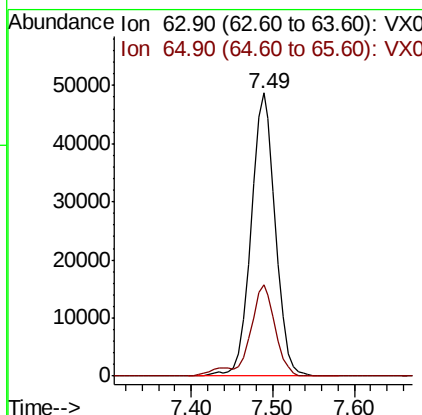
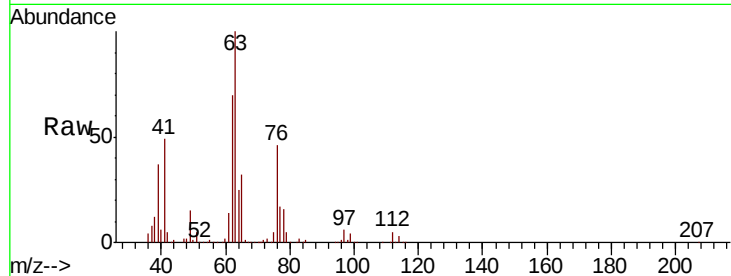




#45
 1,2-Dichloropropane
 Concen: 51.113 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

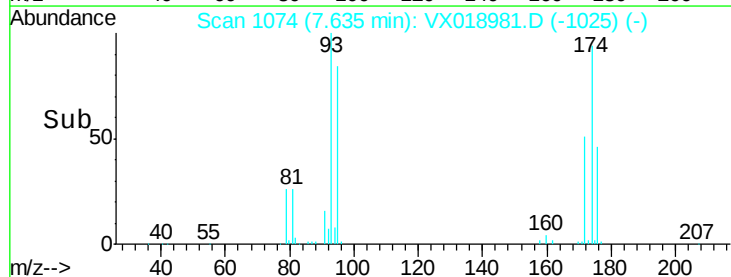
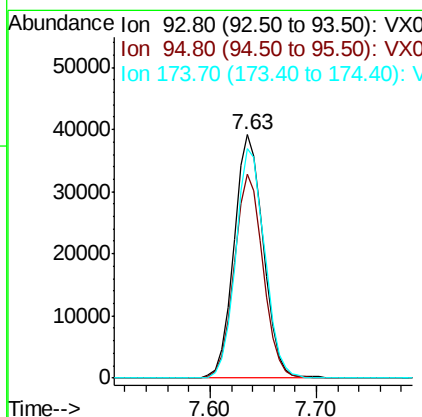
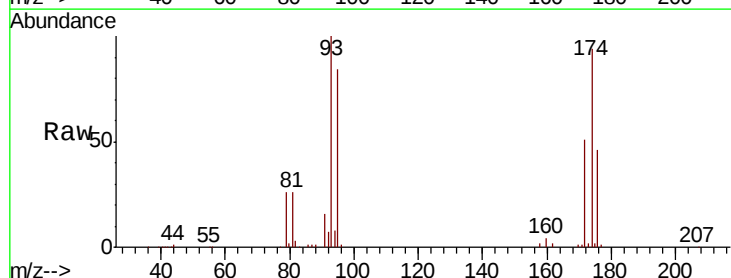
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

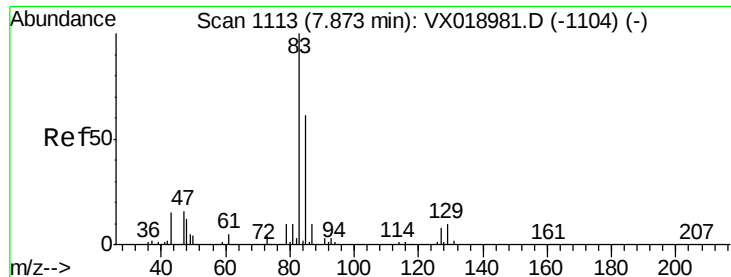
Tot Ion: 63 Resp: 101241
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.8 38.6



#46
 Dibromomethane
 Concen: 51.452 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 93 Resp: 75861
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 93.1 74.5 111.7





#47

Bromodichloromethane

Concen: 52.224 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

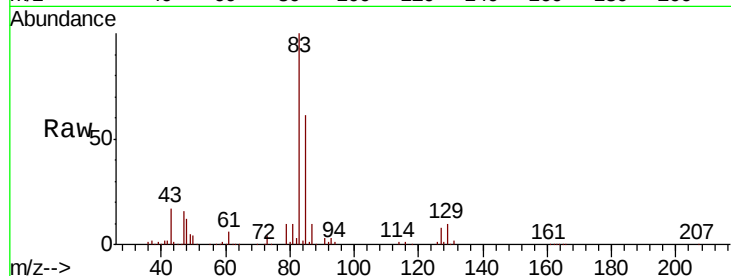
Tot Ion: 83 Resp: 154494

Ion Ratio Lower Upper

83 100

85 60.8 48.6 73.0

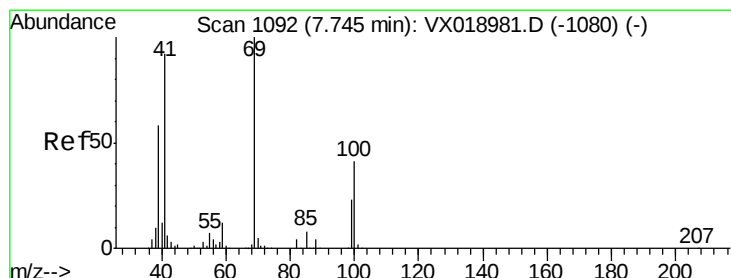
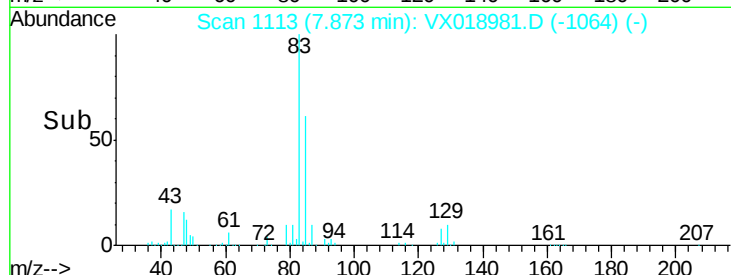
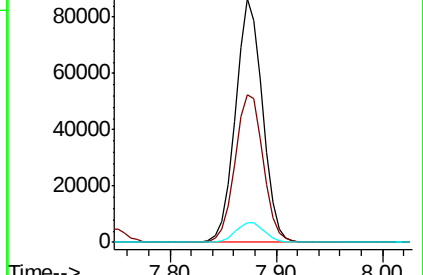
127 7.9 6.3 9.5



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: 50.835 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

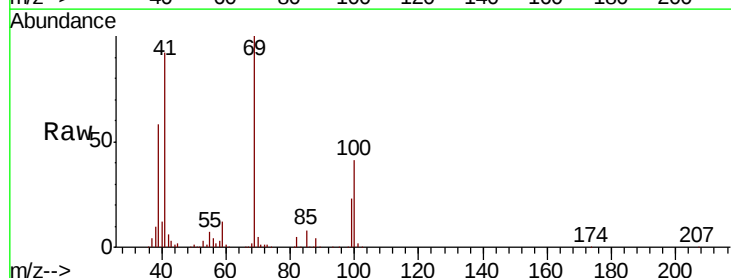
Tgt Ion: 41 Resp: 99277

Ion Ratio Lower Upper

41 100

69 110.0 88.0 132.0

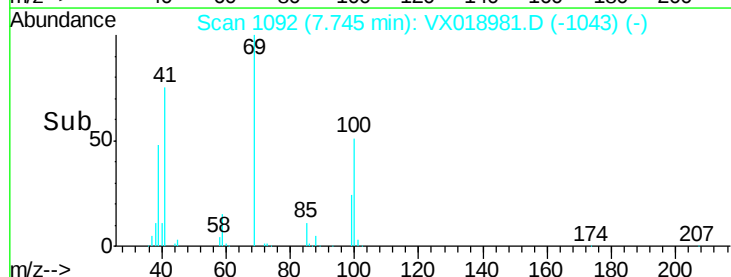
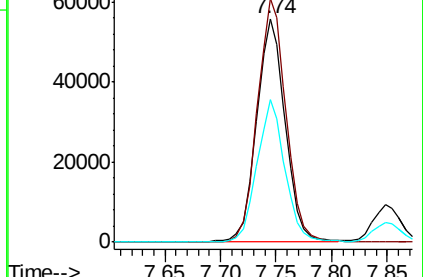
39 62.4 49.9 74.9

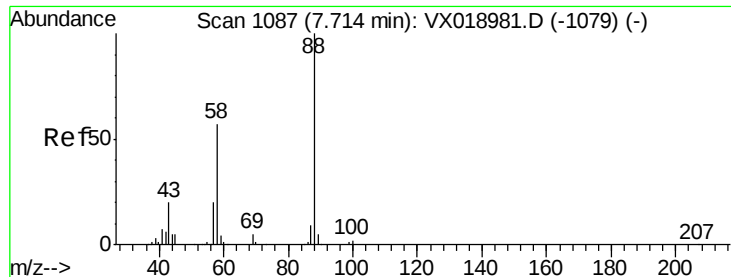


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

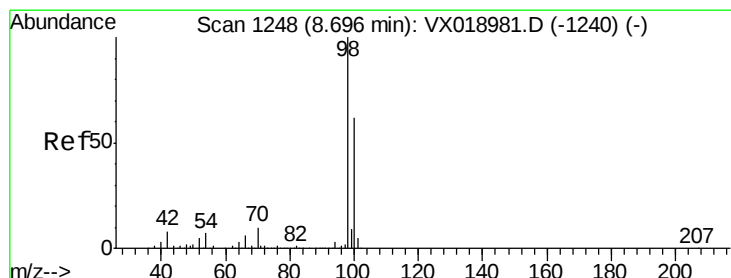
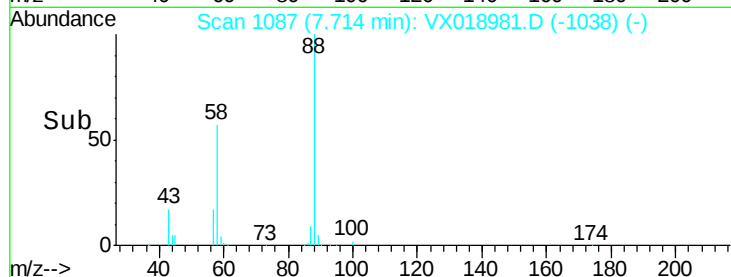
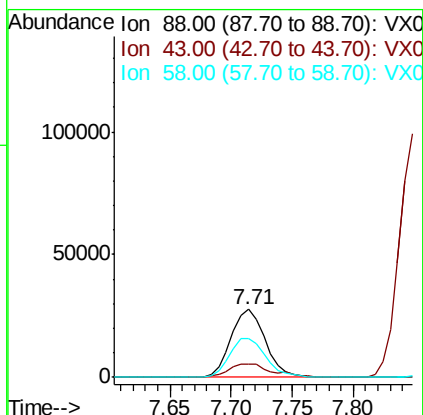
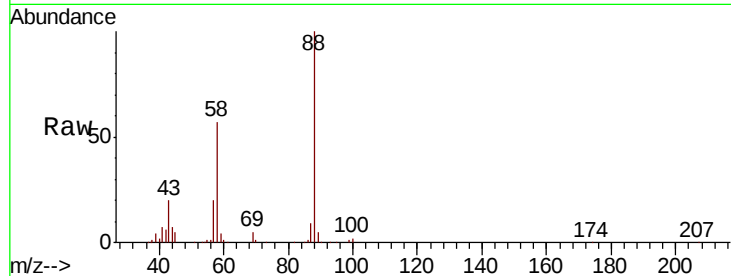




#49
1,4-Dioxane
Concen: 1095.967 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

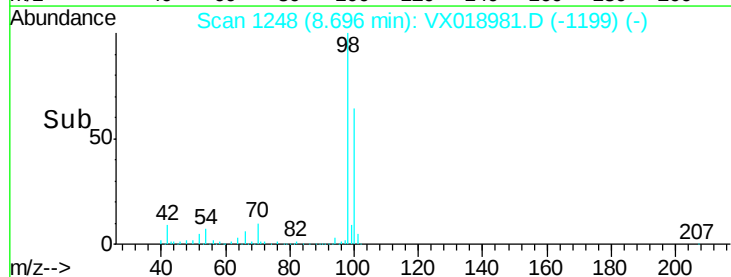
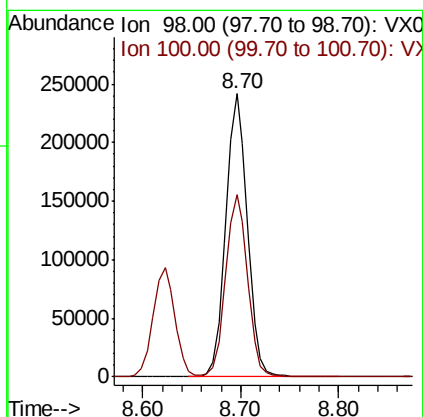
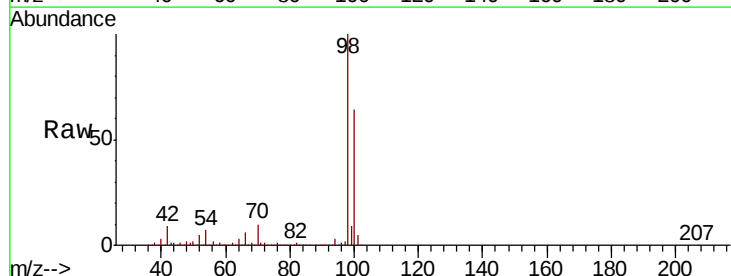
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

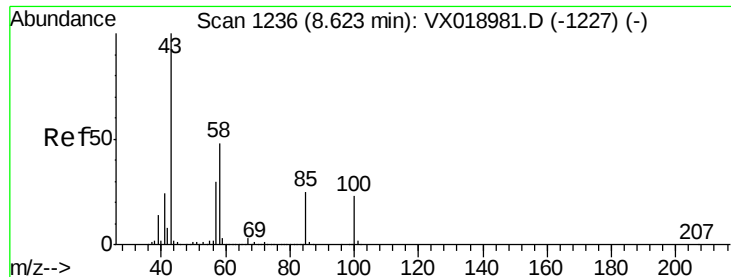
Tot Ion: 88 Resp: 53733
Ion Ratio Lower Upper
88 100
43 25.5 20.4 30.6
58 61.6 49.3 73.9



#50
Toluene-d8
Concen: 48.539 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 98 Resp: 368625
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 263.368 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

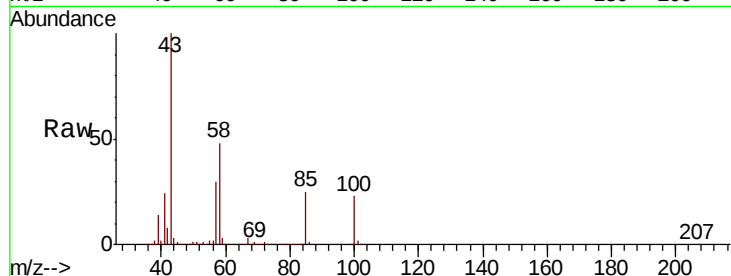
VSTDICCC050

Tot Ion: 43 Resp: 653937

Ion Ratio Lower Upper

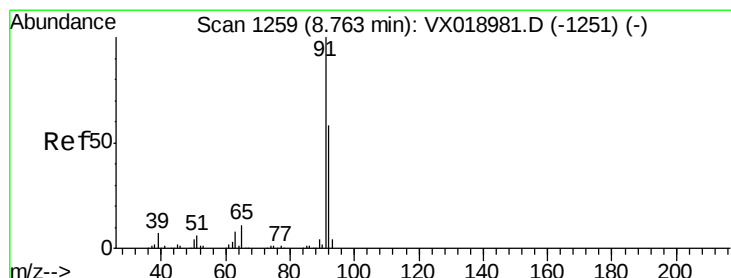
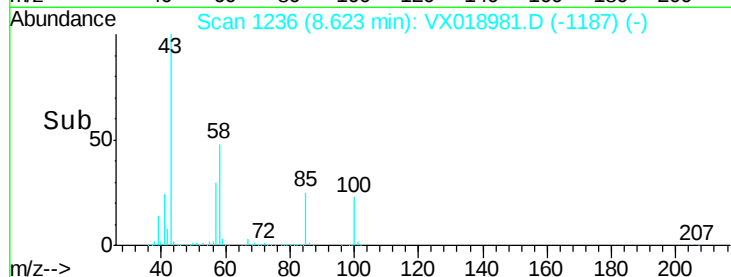
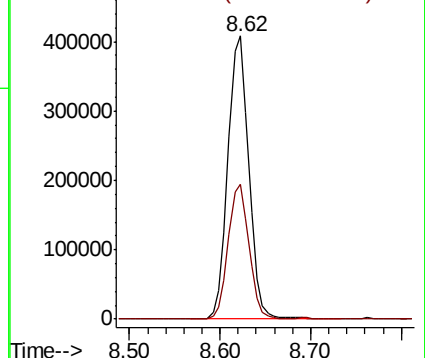
43 100

58 47.3 37.8 56.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.790 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018981.D

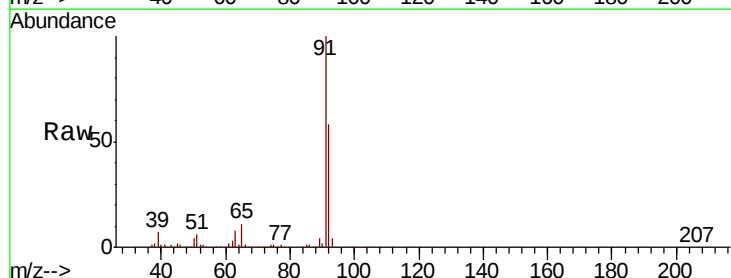
Acq: 20 Oct 2020 17:43

Tgt Ion: 92 Resp: 294825

Ion Ratio Lower Upper

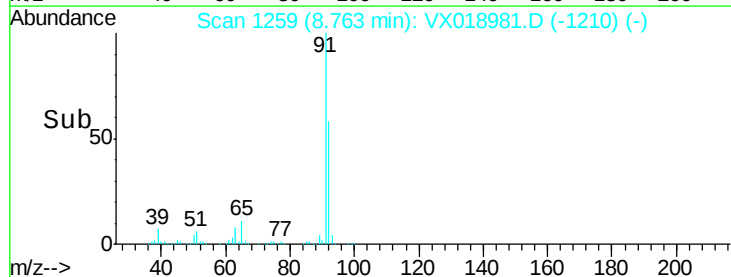
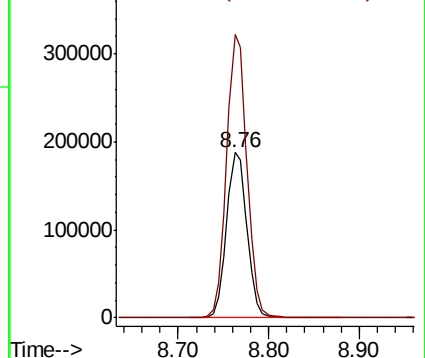
92 100

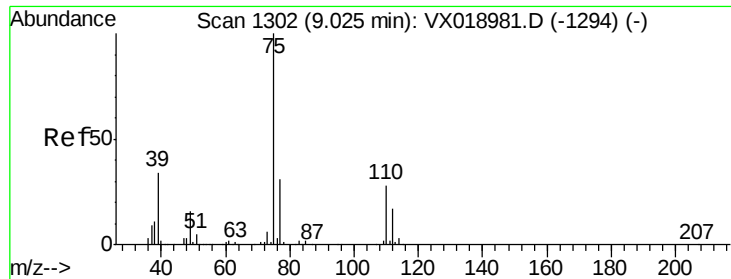
91 170.6 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.130 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

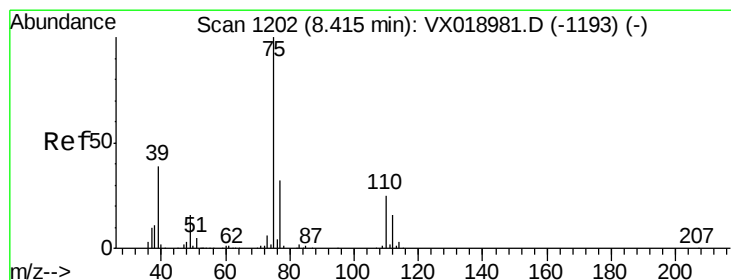
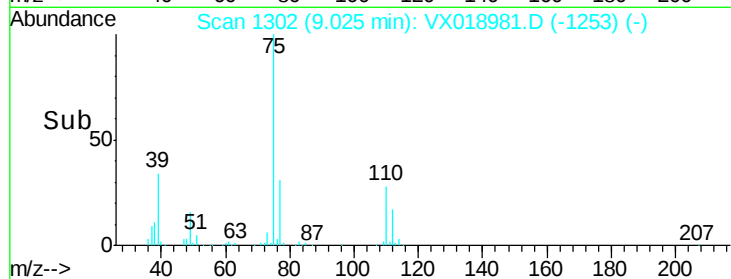
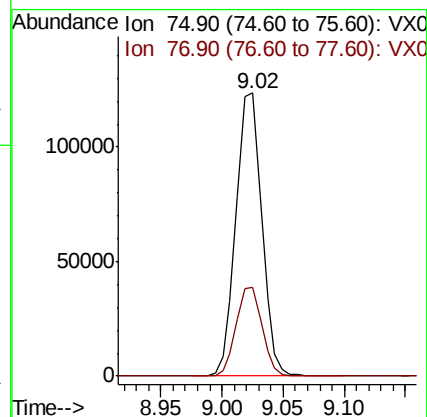
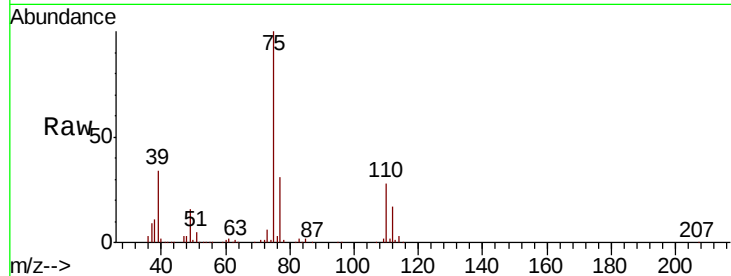
VSTDICCC050

Tot Ion: 75 Resp: 181164

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 51.709 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

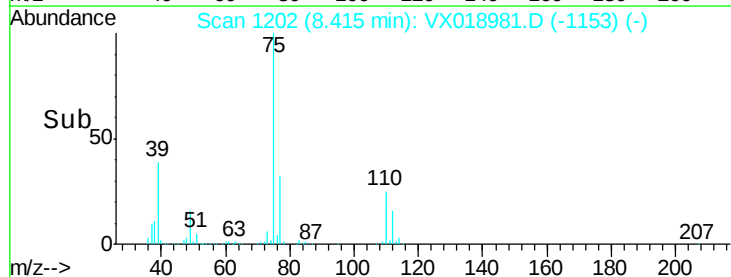
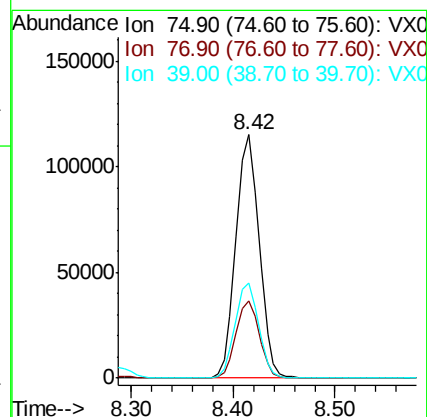
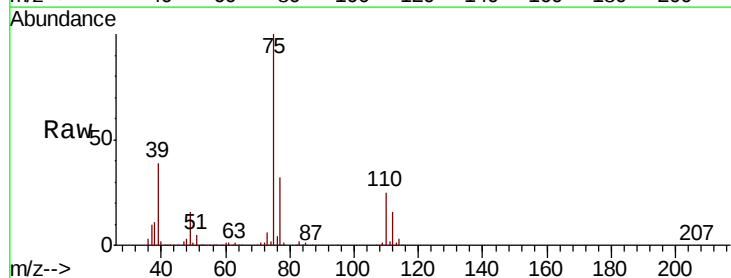
Tgt Ion: 75 Resp: 182536

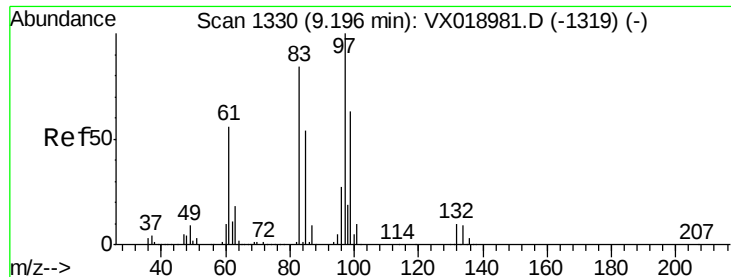
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 39.1 31.3 46.9



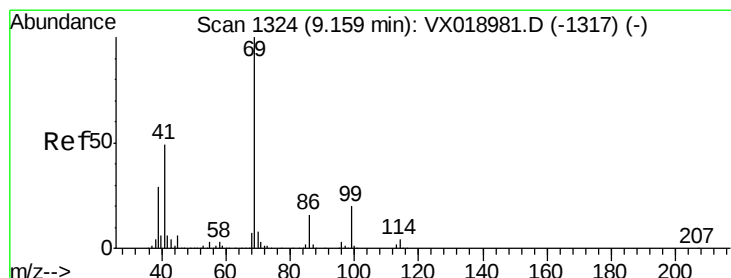
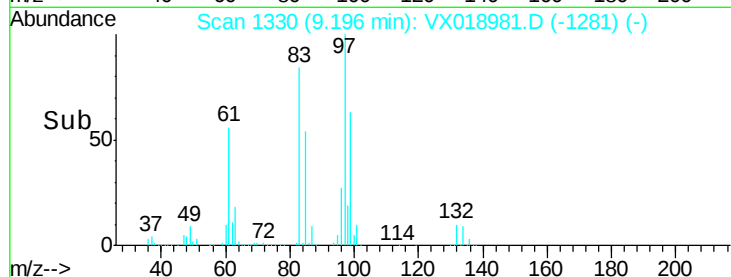
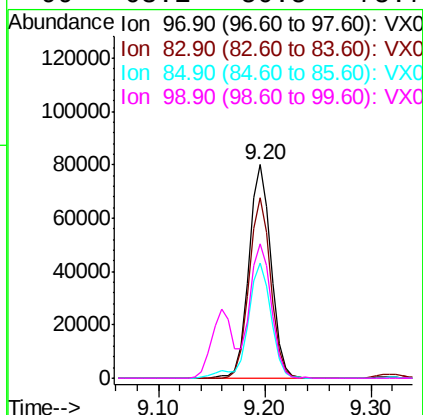
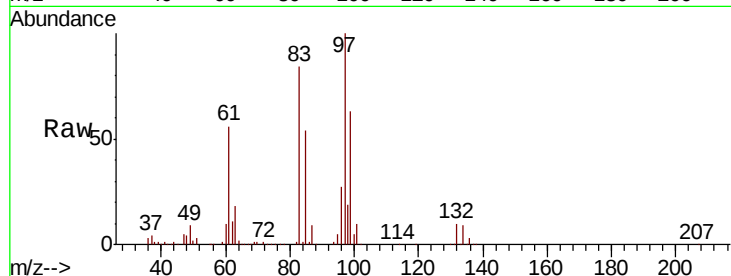


#55
 1,1,2-Trichloroethane
 Concen: 54.380 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 117240

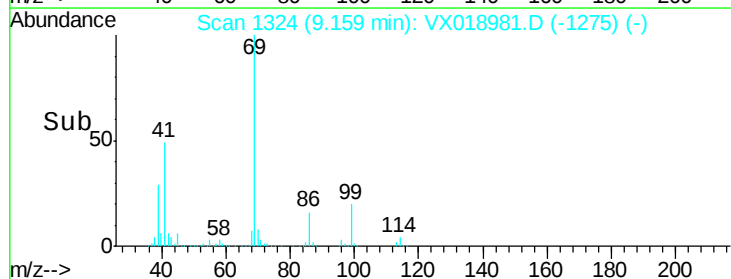
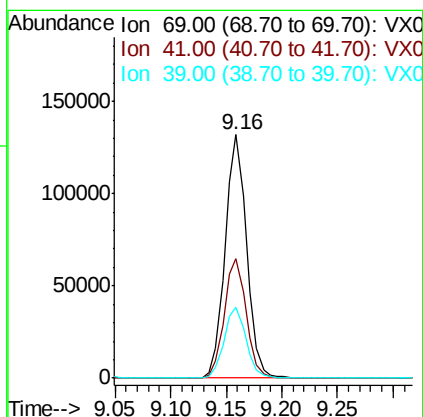
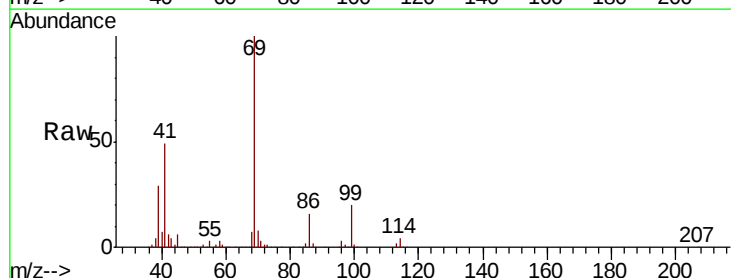
Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.4	101.0
85	53.9	43.1	64.7
99	63.1	50.5	75.7

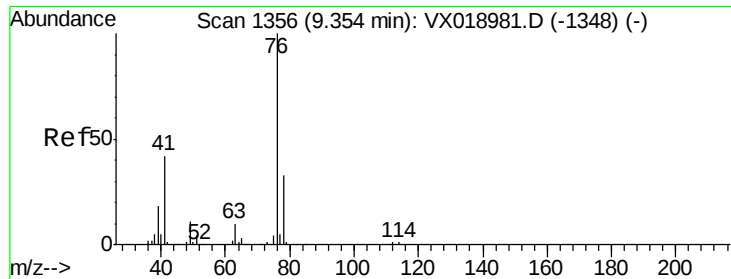


#56
 Ethyl methacrylate
 Concen: 54.640 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 69 Resp: 176738

Ion	Ratio	Lower	Upper
69	100		
41	49.7	39.8	59.6
39	29.7	23.8	35.6





#57

1,3-Dichloropropane

Concen: 53.577 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampled :

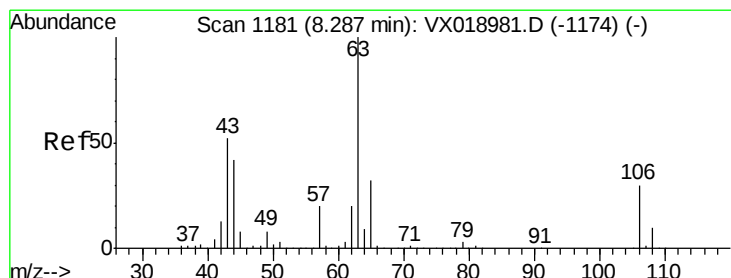
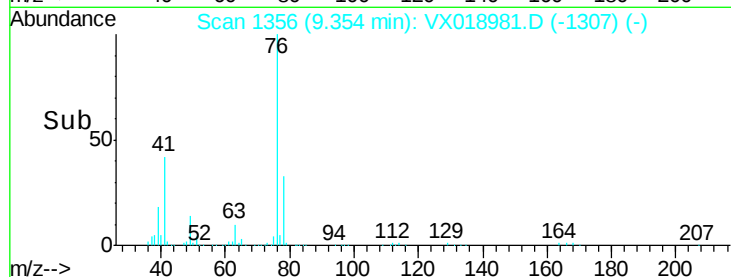
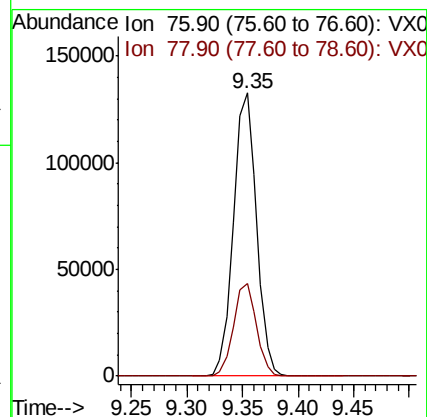
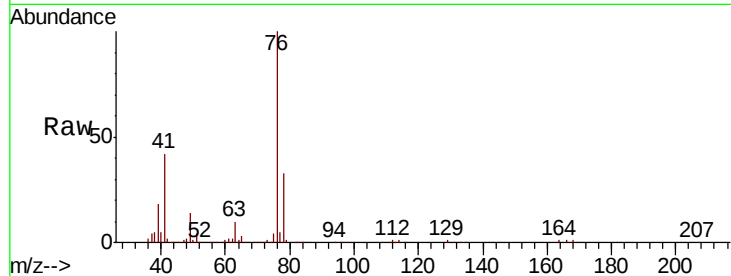
VSTDICCC050

Tot Ion: 76 Resp: 190484

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 268.018 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX018981.D

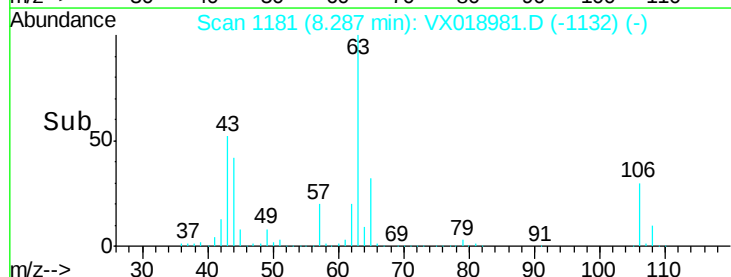
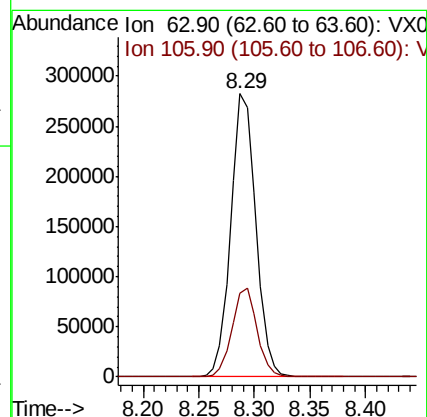
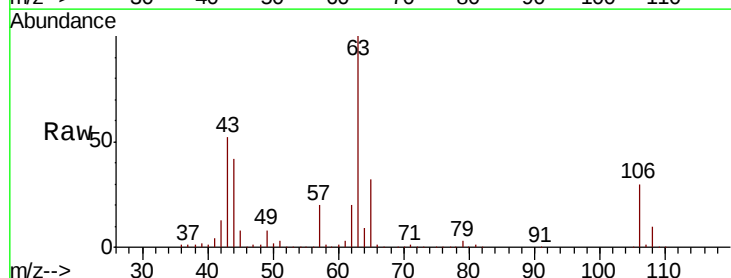
Acq: 20 Oct 2020 17:43

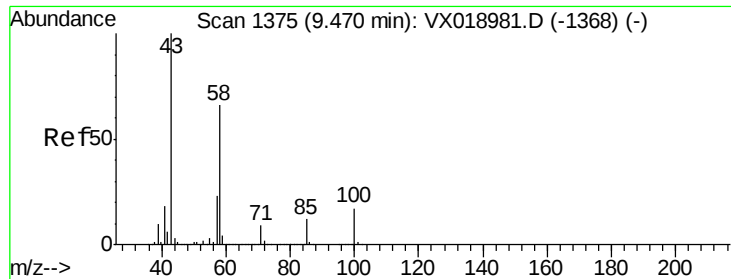
Tgt Ion: 63 Resp: 439138

Ion Ratio Lower Upper

63 100

106 31.2 25.0 37.4

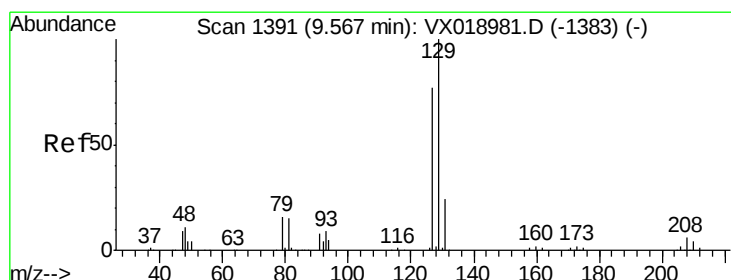
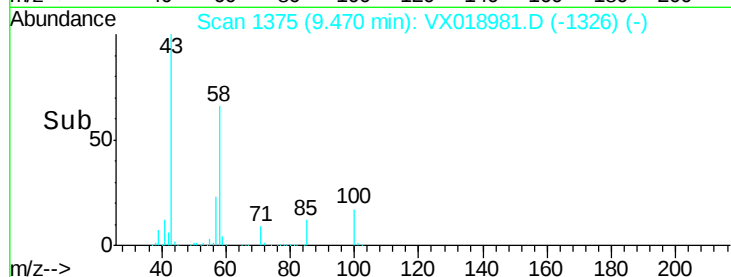
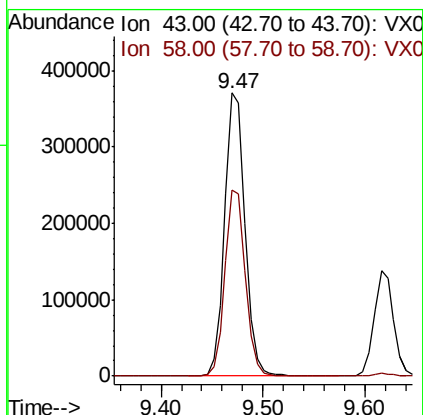
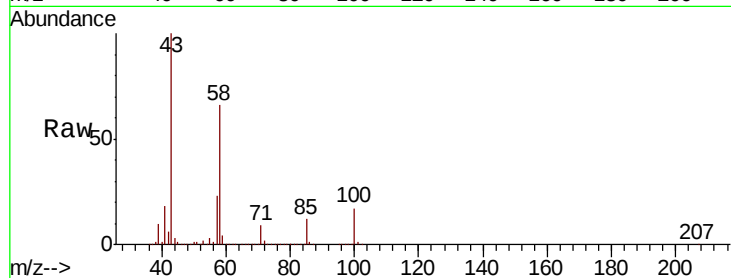




#59
2-Hexanone
Concen: 266.505 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

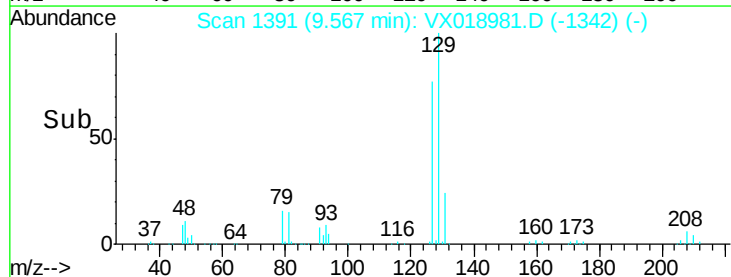
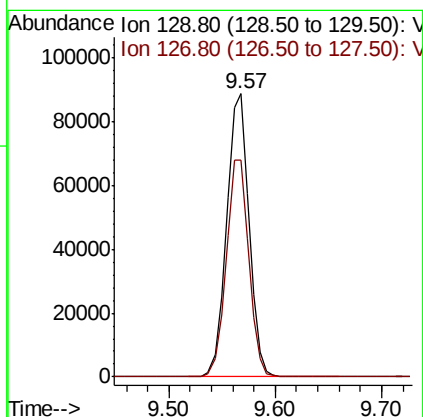
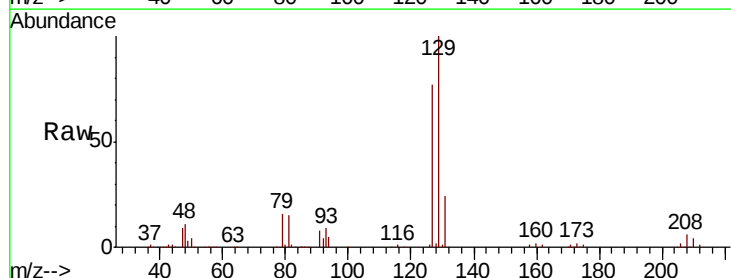
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

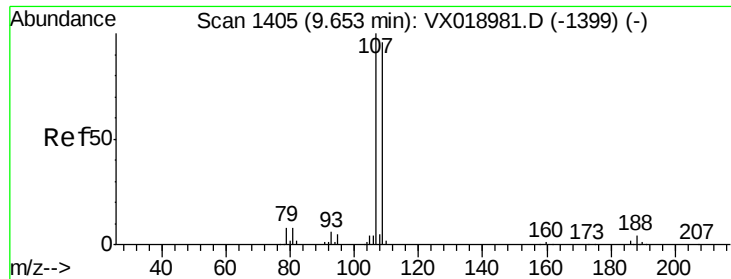
Tot Ion: 43 Resp: 512239
Ion Ratio Lower Upper
43 100
58 66.0 33.0 99.0



#60
Dibromochloromethane
Concen: 53.997 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 129 Resp: 130630
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

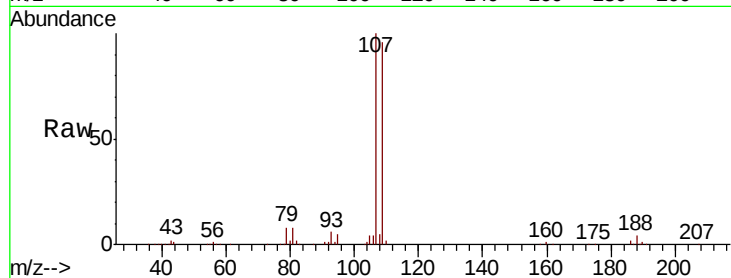




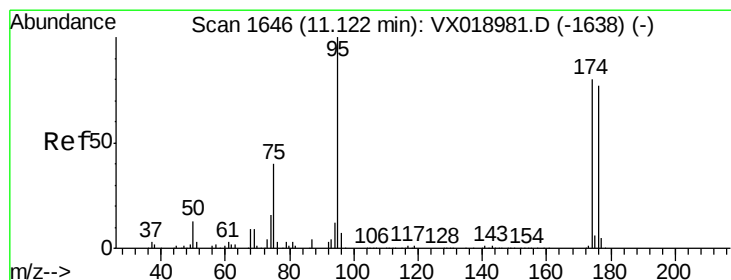
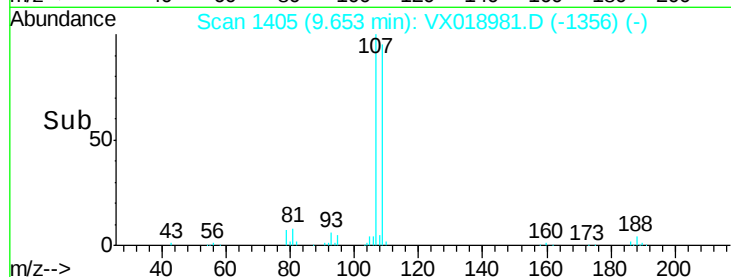
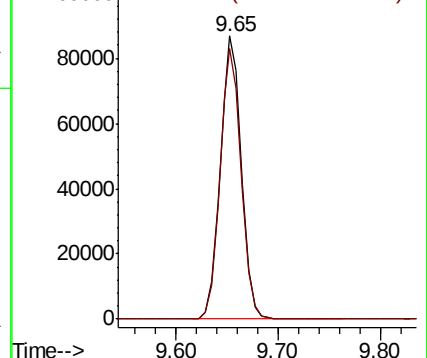
#61
 1,2-Dibromoethane
 Concen: 54.286 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:107 Resp: 125411
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.6 115.0

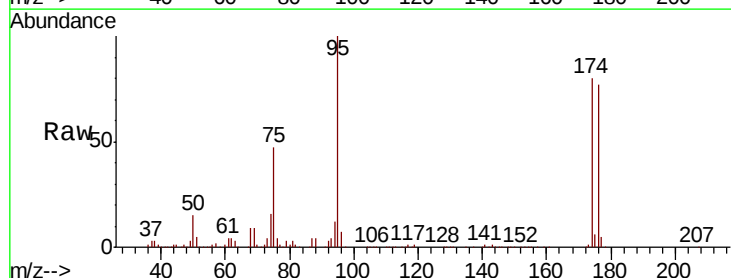


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

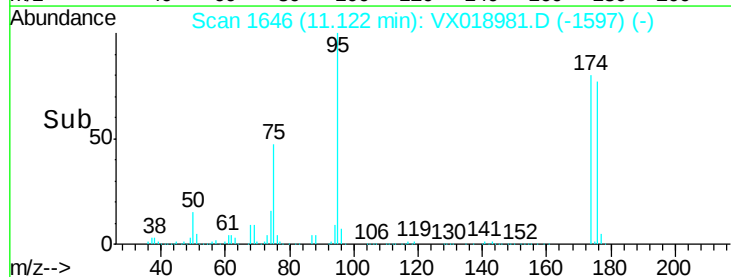
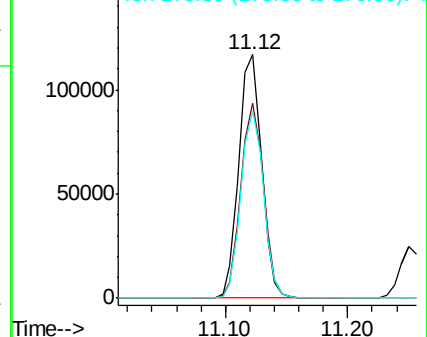


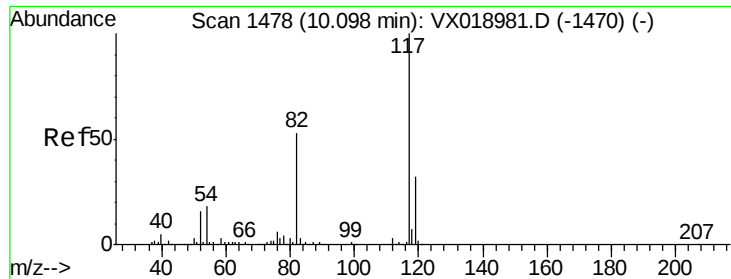
#62
 4-Bromofluorobenzene
 Concen: 52.770 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 95 Resp: 149923
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 159.8
 176 76.4 0.0 152.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

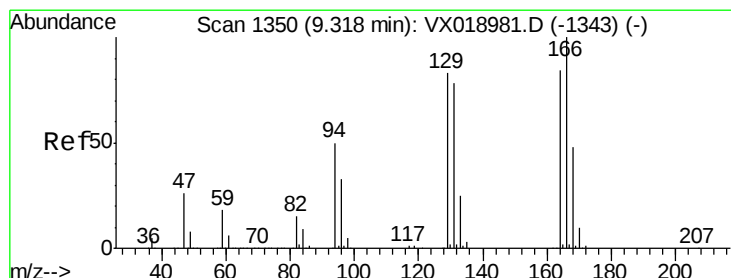
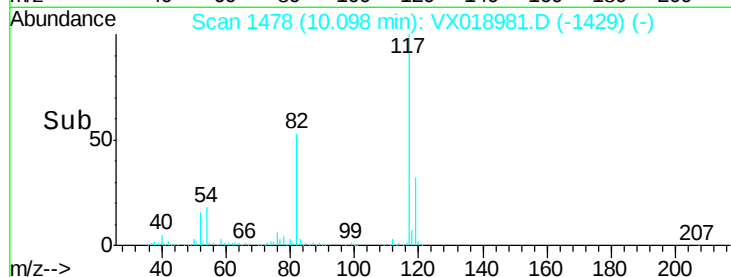
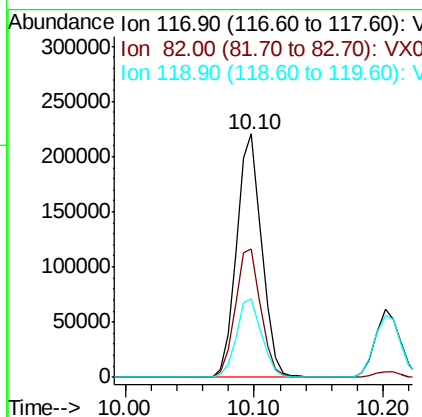
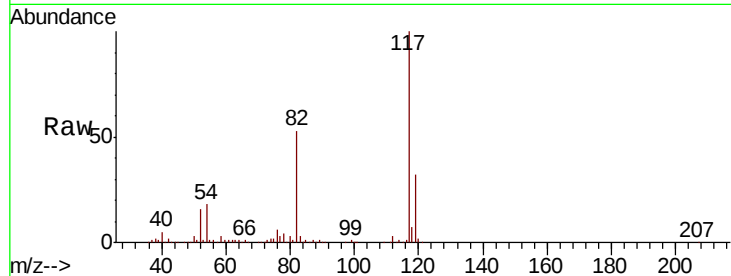




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

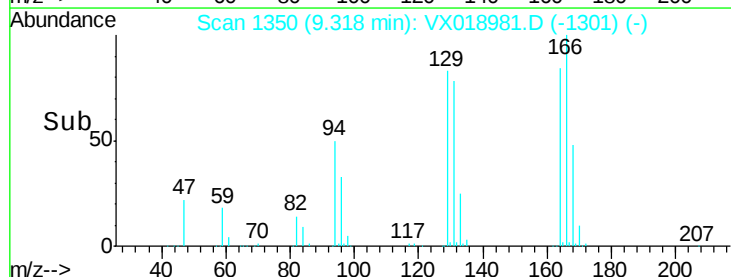
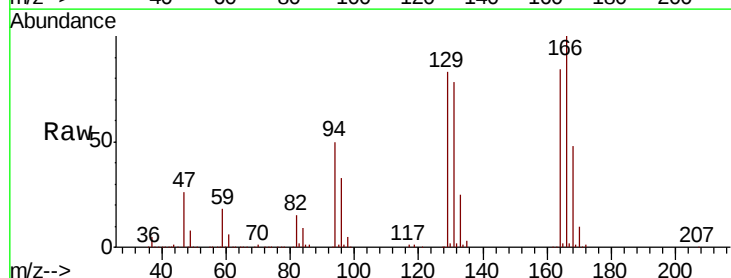
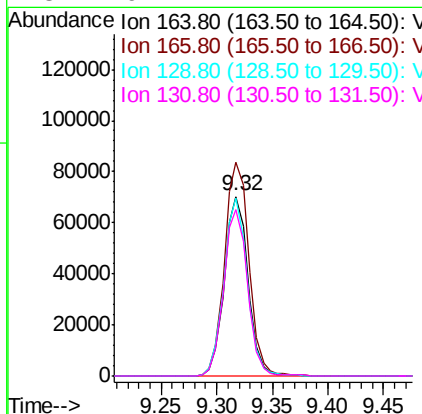
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

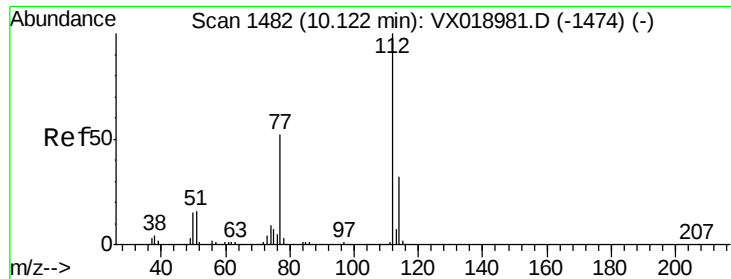
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 42.678 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.0	95.2	142.8
129	99.2	79.4	119.0
131	92.7	74.2	111.2

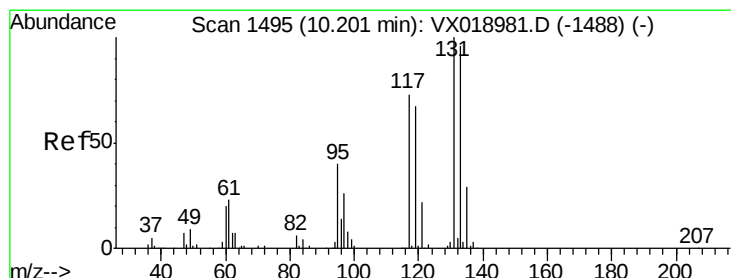
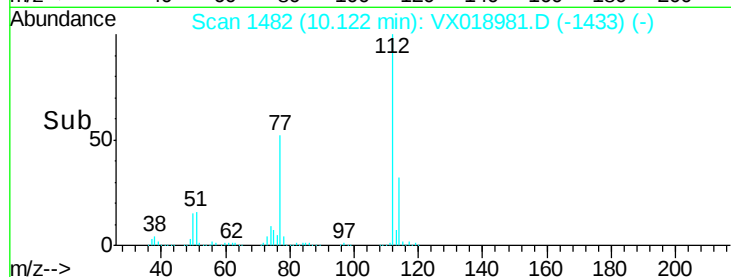
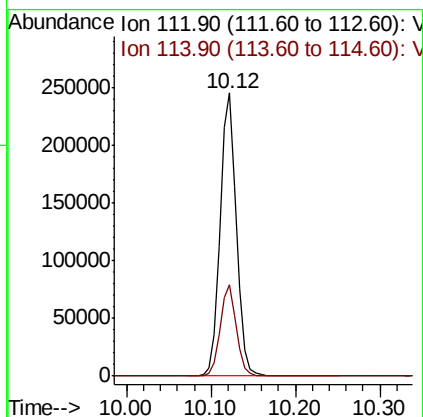
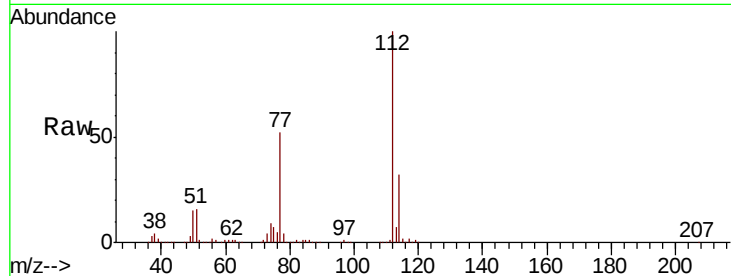




#65
Chlorobenzene
Concen: 51.682 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

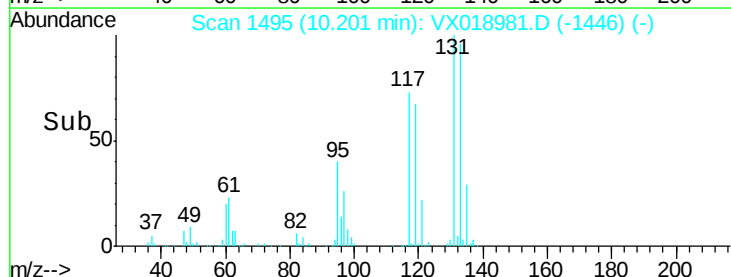
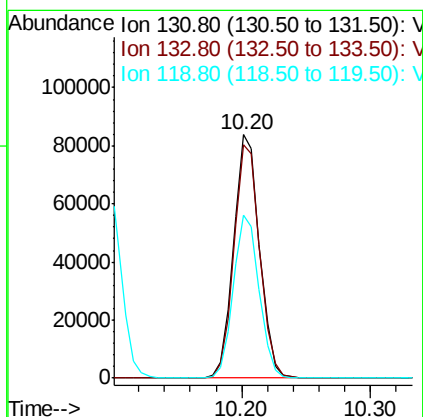
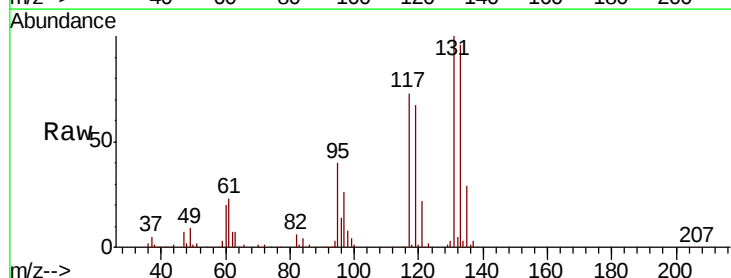
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

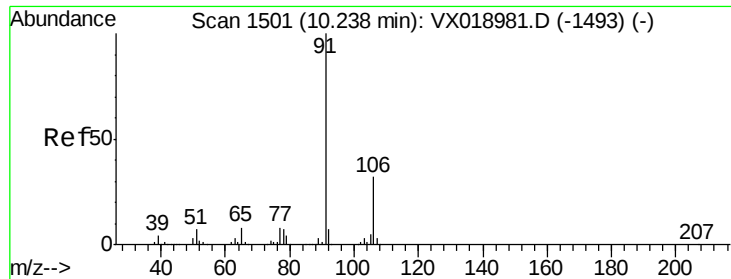
Tot Ion:112 Resp: 326924
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.043 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion:131 Resp: 116981
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 67.1 33.6 100.6

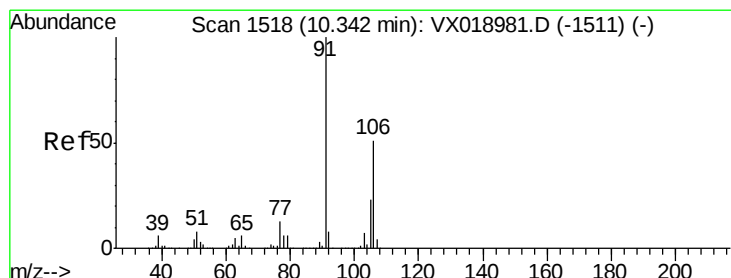
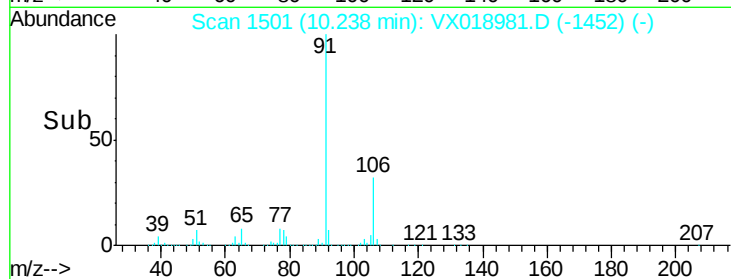
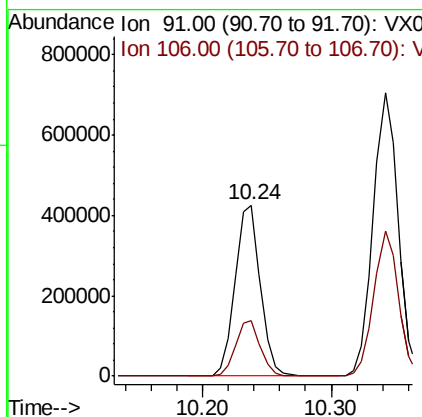
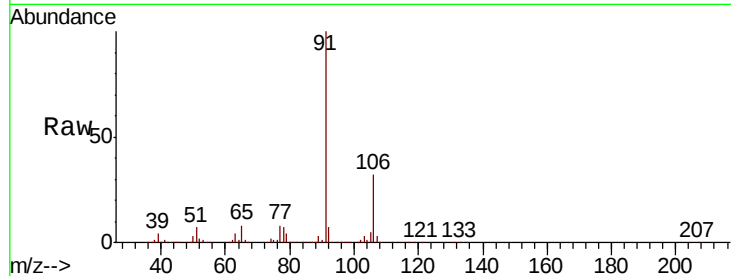




#67
Ethyl Benzene
Concen: 52.452 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

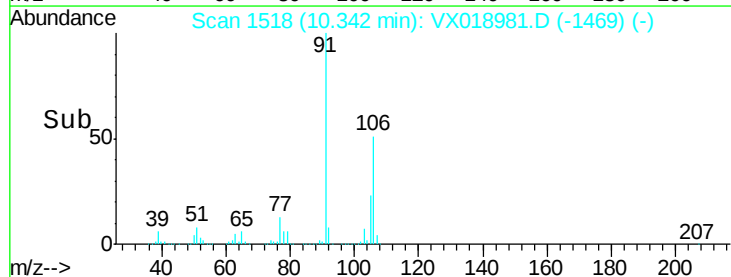
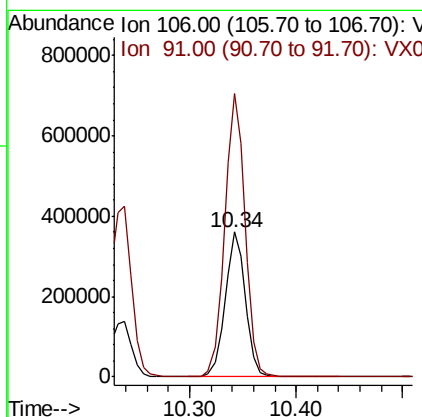
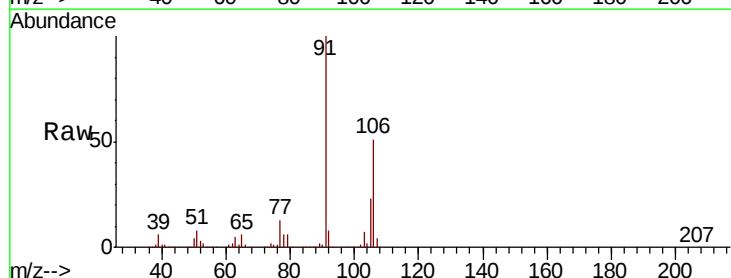
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

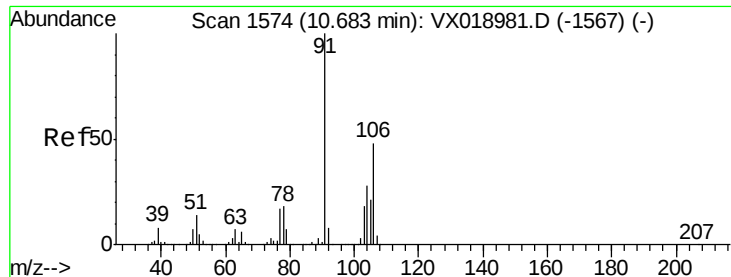
Tot Ion: 91 Resp: 581209
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8



#68
m/p-Xylenes
Concen: 109.794 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion: 106 Resp: 475003
Ion Ratio Lower Upper
106 100
91 197.4 157.9 236.9

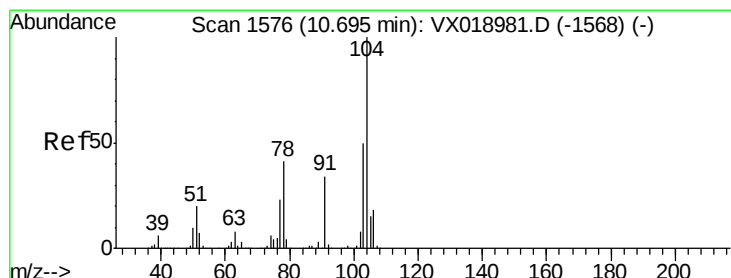
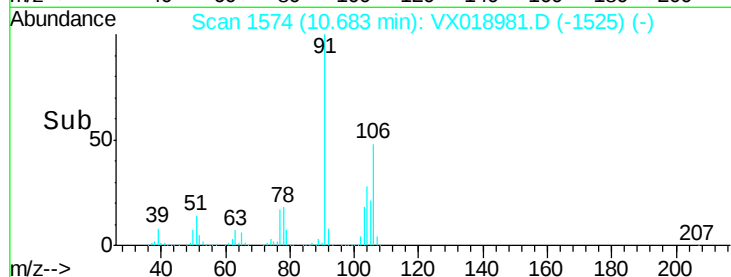
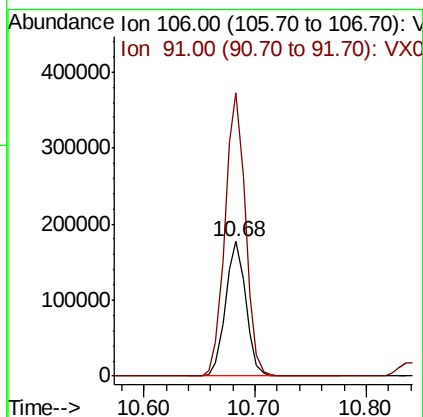
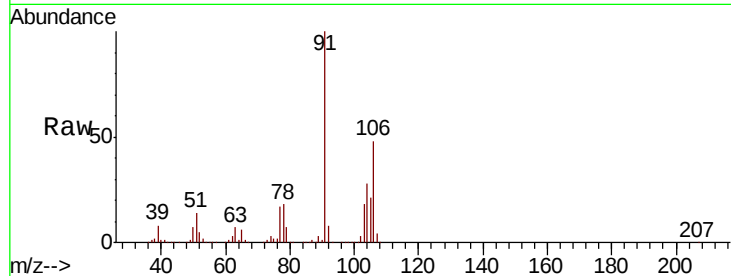




#69
o-Xylene
Concen: 54.630 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

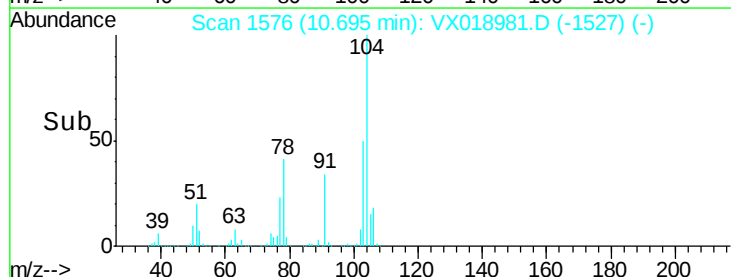
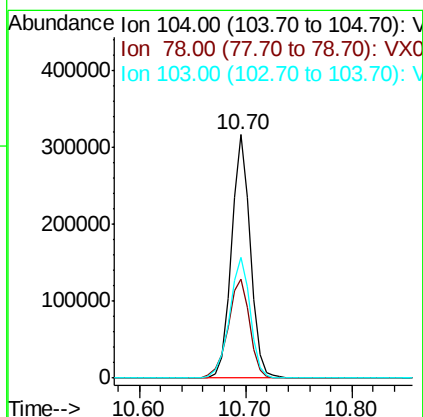
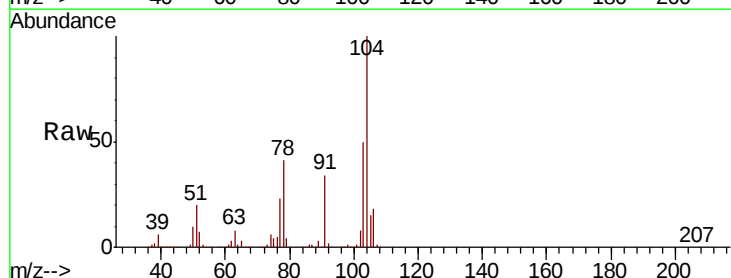
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

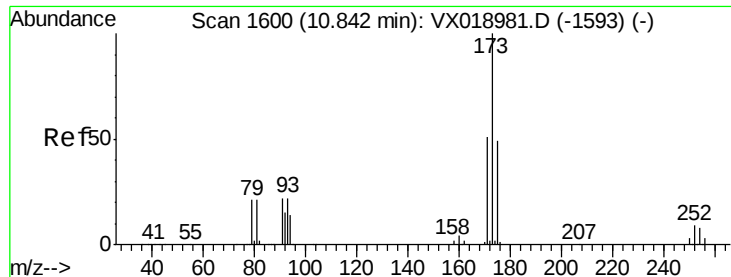
Tot Ion:106 Resp: 223627
Ion Ratio Lower Upper
106 100
91 211.0 105.5 316.5



#70
Styrene
Concen: 56.146 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion:104 Resp: 392389
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.0
103 54.6 43.7 65.5





#71

Bromoform

Concen: 55.152 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

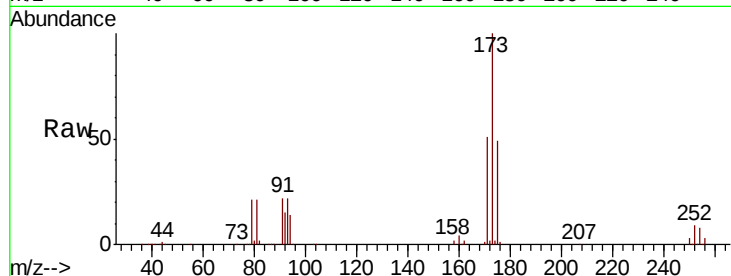
Tot Ion:173 Resp: 102406

Ion Ratio Lower Upper

173 100

175 49.6 24.8 74.4

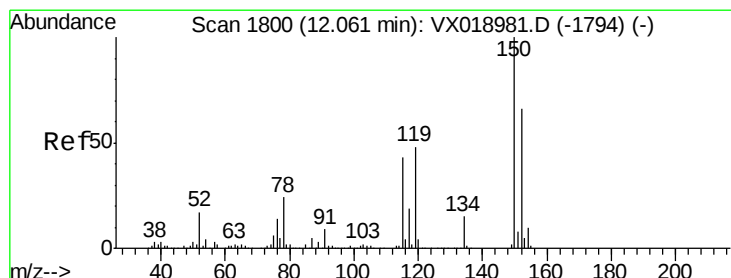
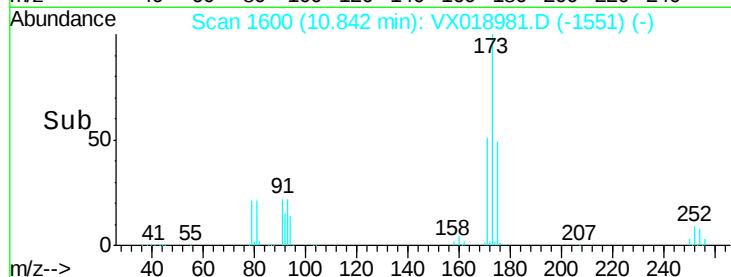
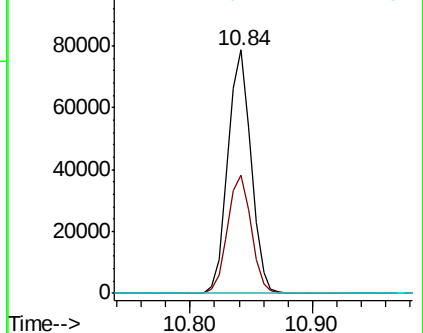
254 0.1 0.1 0.1



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: VX018981.D

Acq: 20 Oct 2020 17:43

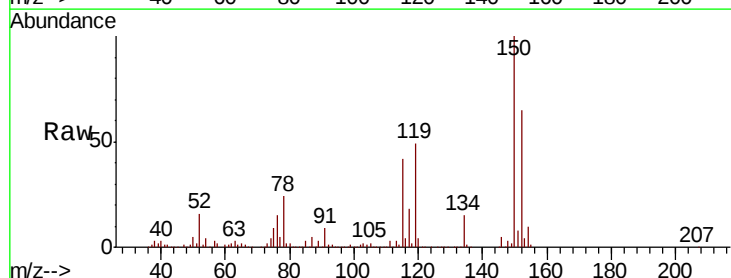
Tgt Ion:152 Resp: 185486

Ion Ratio Lower Upper

152 100

115 82.4 41.2 123.6

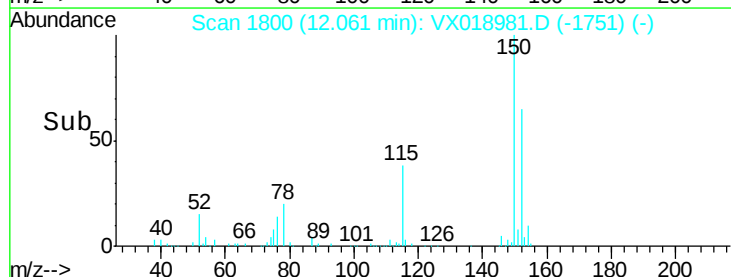
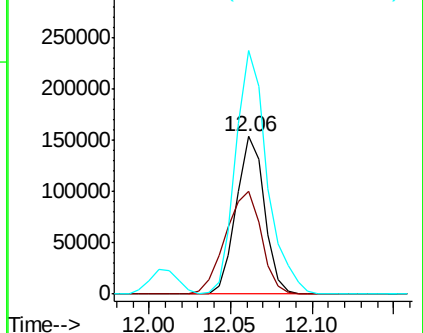
150 172.8 0.0 345.6

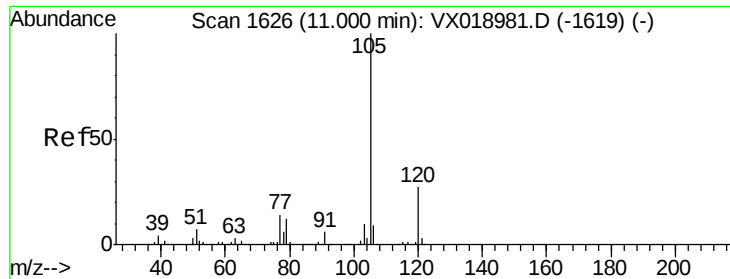


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.827 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

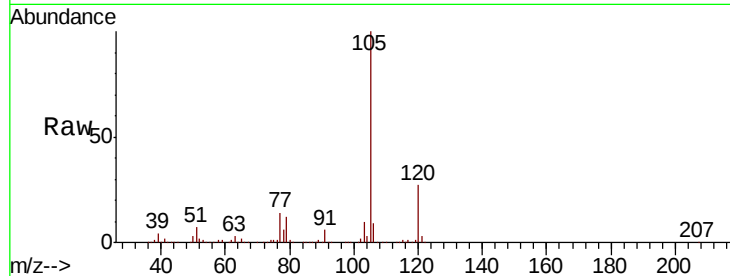
VSTDICCC050

Tot Ion:105 Resp: 608838

Ion Ratio Lower Upper

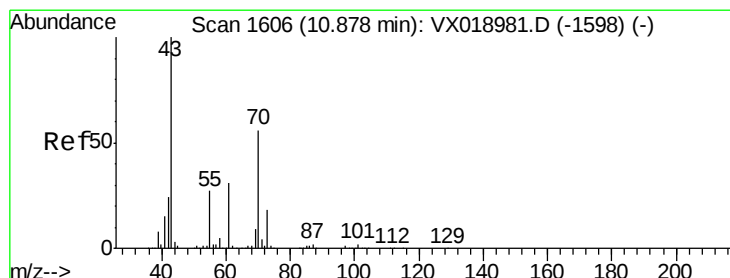
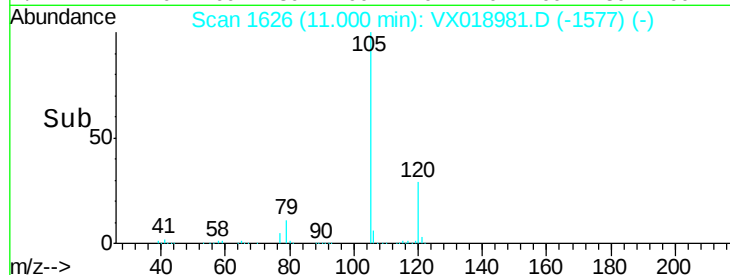
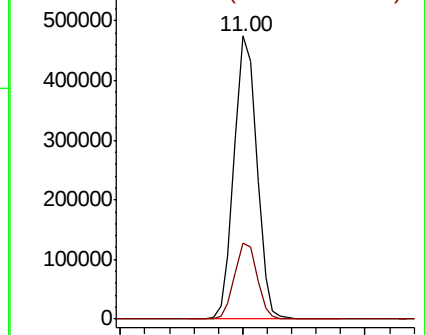
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.465 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Tgt Ion: 43 Resp: 190299

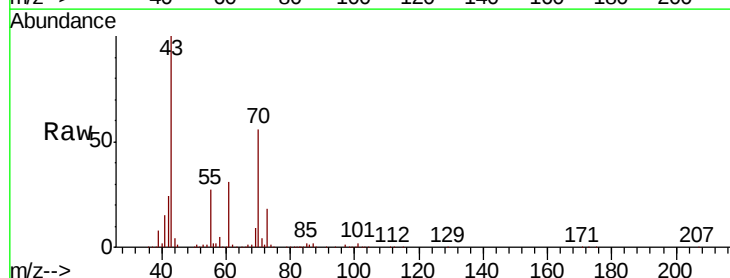
Ion Ratio Lower Upper

43 100

70 57.4 45.9 68.9

55 27.4 21.9 32.9

61 30.8 24.6 37.0

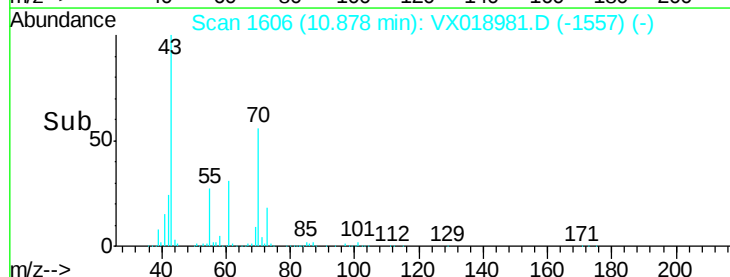
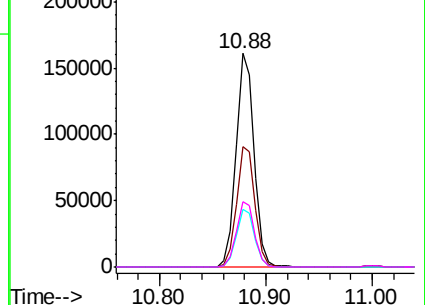


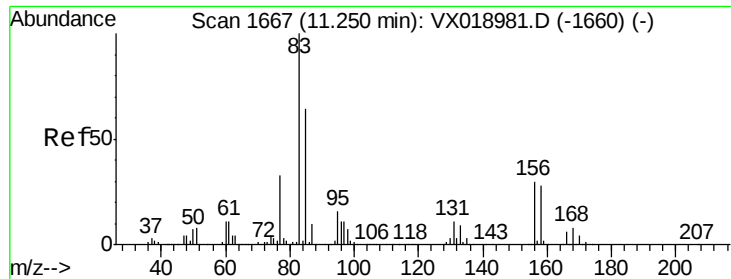
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.248 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

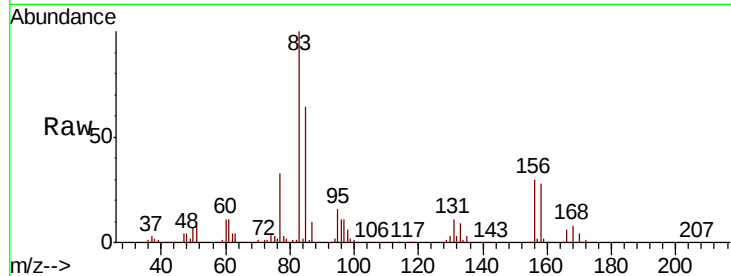
Tot Ion: 83 Resp: 196713

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

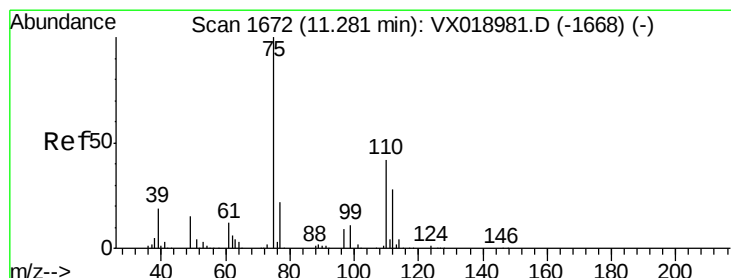
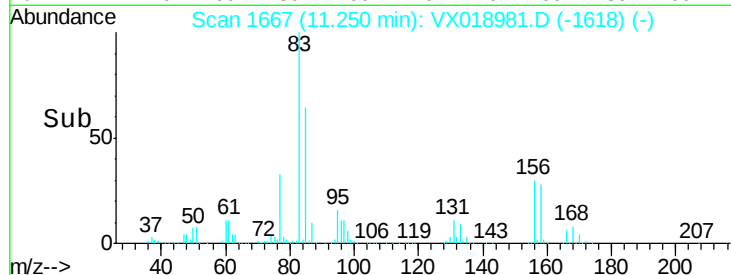
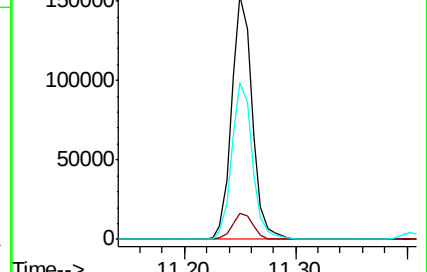
85 64.4 32.2 96.6



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: 60.756 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018981.D

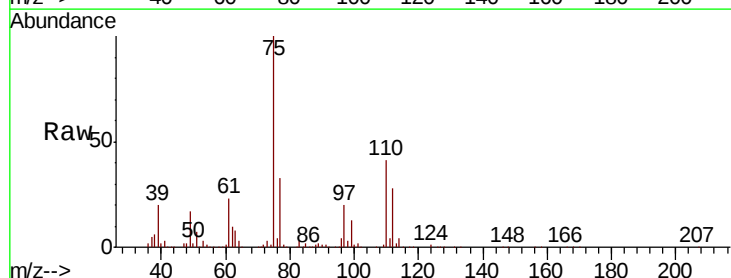
Acq: 20 Oct 2020 17:43

Tgt Ion: 75 Resp: 228886

Ion Ratio Lower Upper

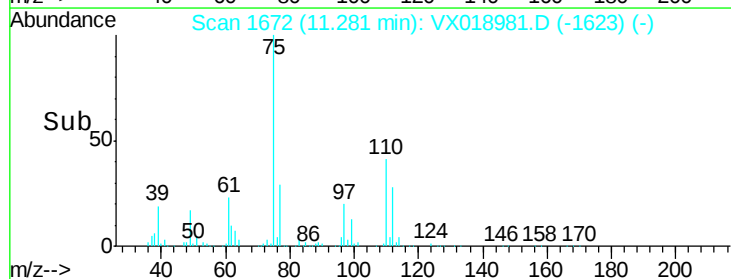
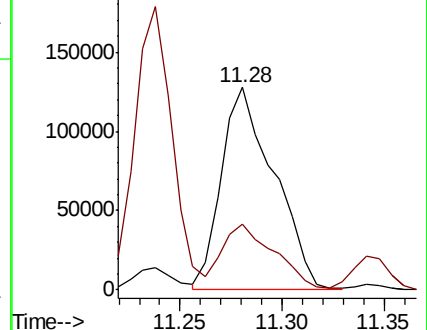
75 100

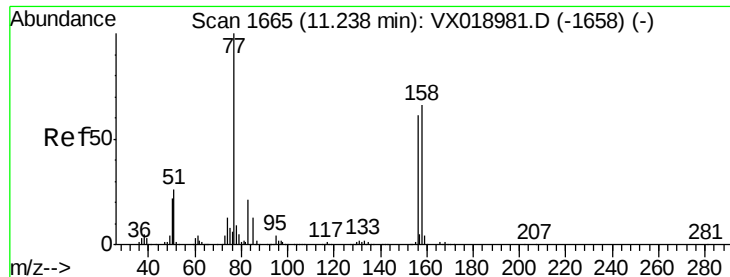
77 32.2 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.332 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

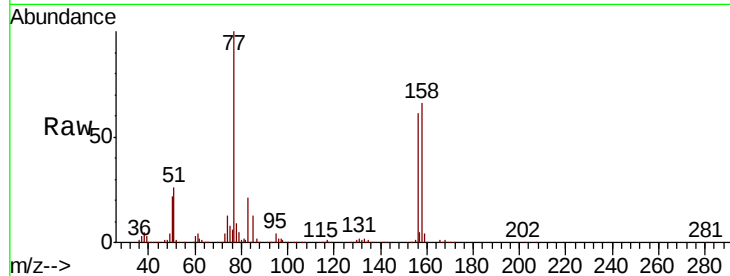
Tot Ion:156 Resp: 146517

Ion Ratio Lower Upper

156 100

77 156.9 78.5 235.3

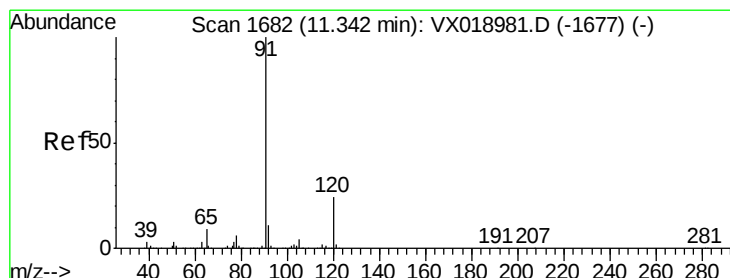
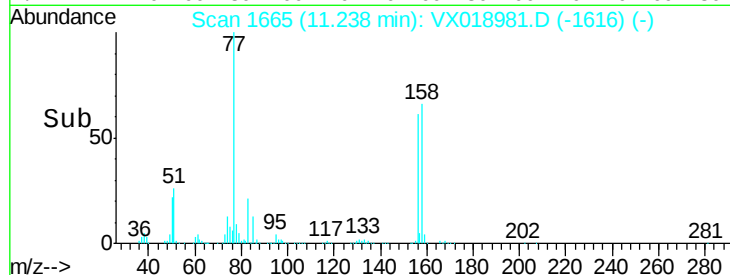
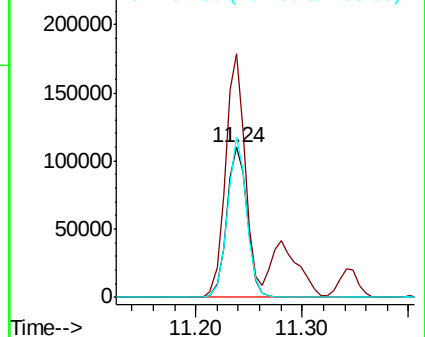
158 100.4 50.2 150.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.144 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018981.D

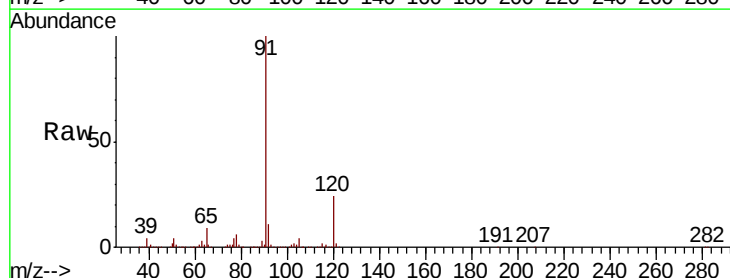
Acq: 20 Oct 2020 17:43

Tgt Ion: 91 Resp: 705477

Ion Ratio Lower Upper

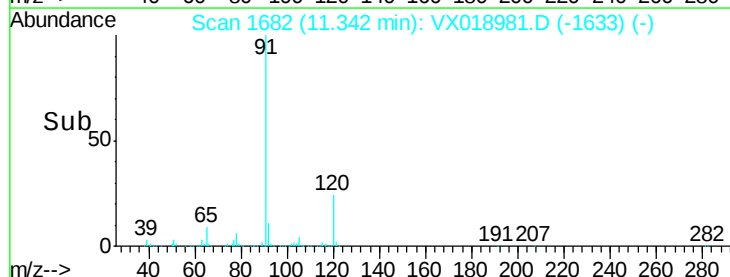
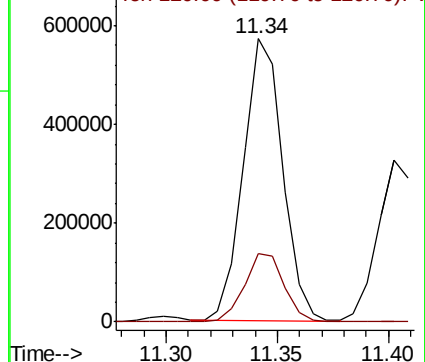
91 100

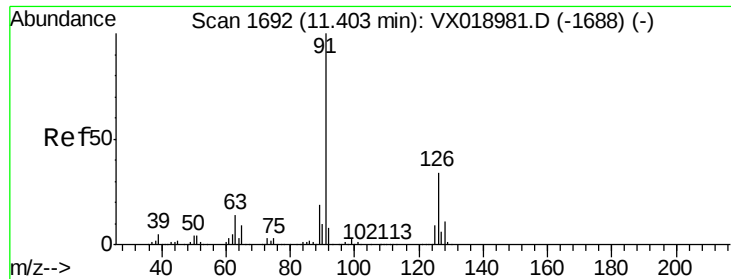
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

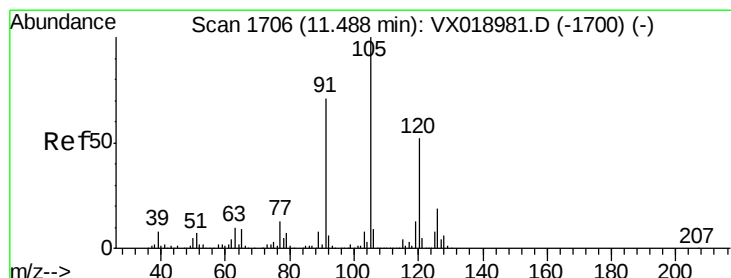
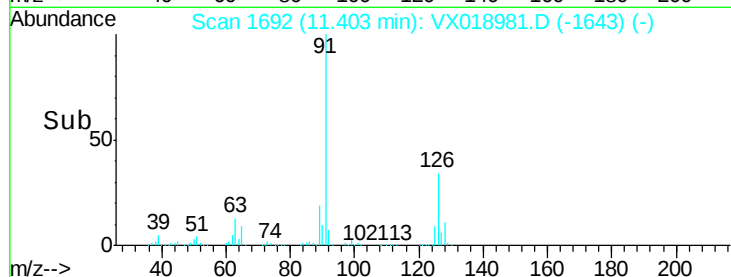
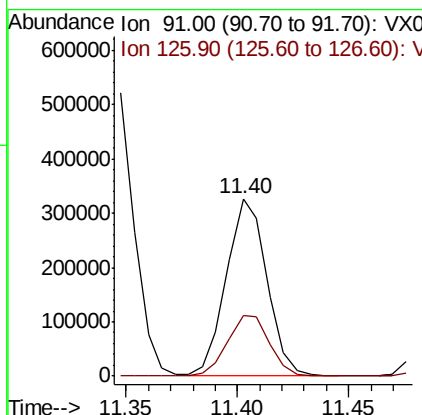
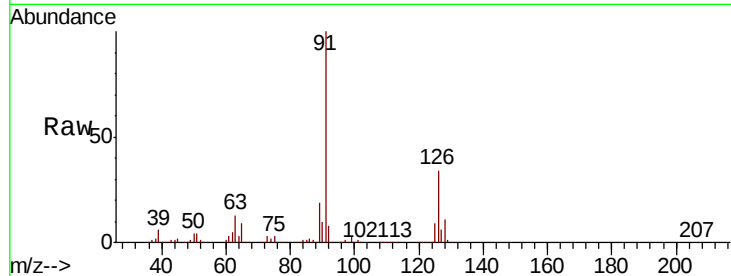




#79
 2-Chlorotoluene
 Concen: 46.946 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

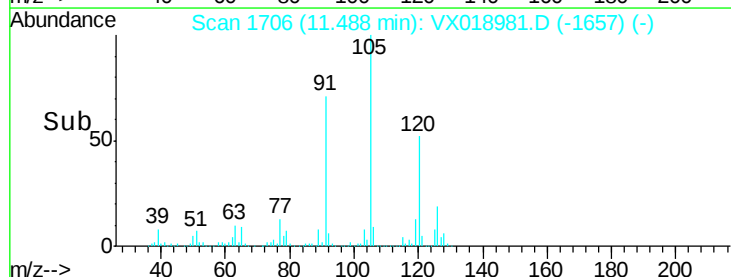
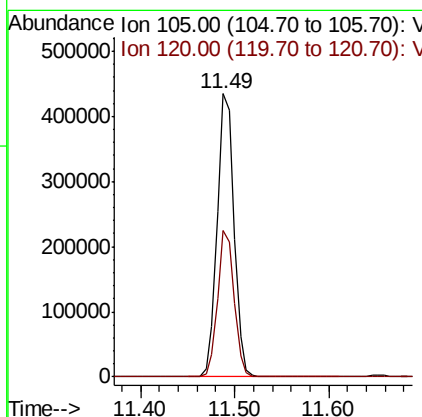
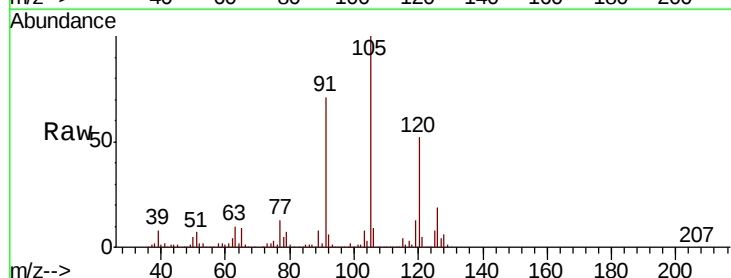
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

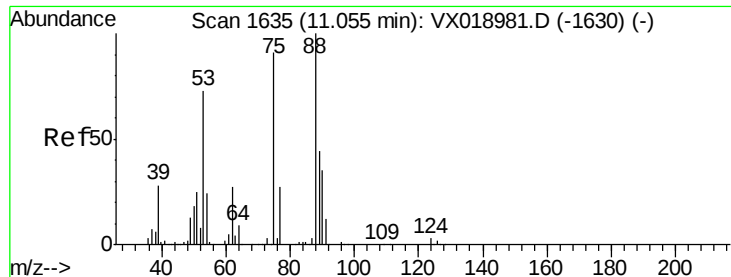
Tot Ion: 91 Resp: 410936
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 48.949 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion: 105 Resp: 540186
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.524 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

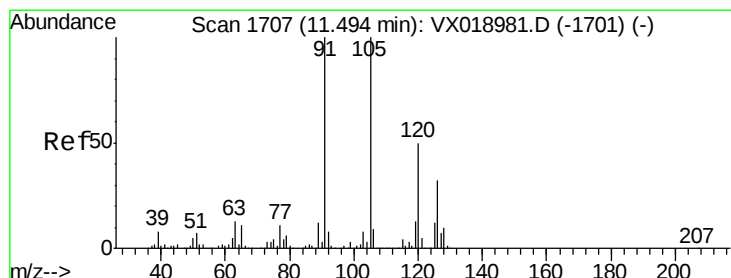
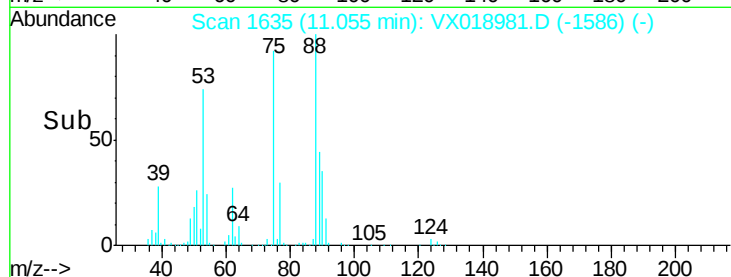
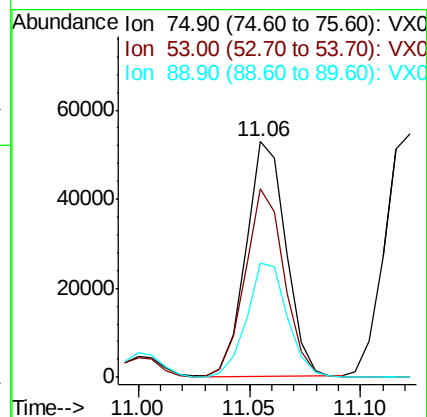
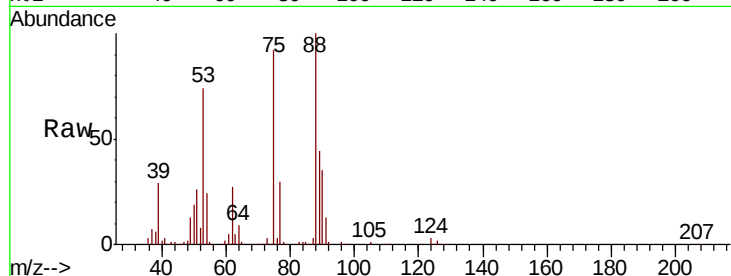
Tot Ion: 75 Resp: 65948

Ion Ratio Lower Upper

75 100

53 79.9 63.9 95.9

89 49.9 39.9 59.9



#82

4-Chlorotoluene

Concen: 47.886 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018981.D

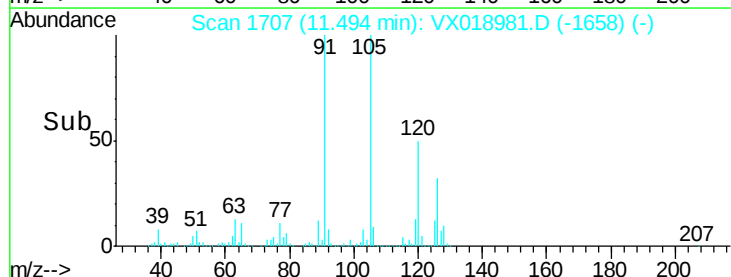
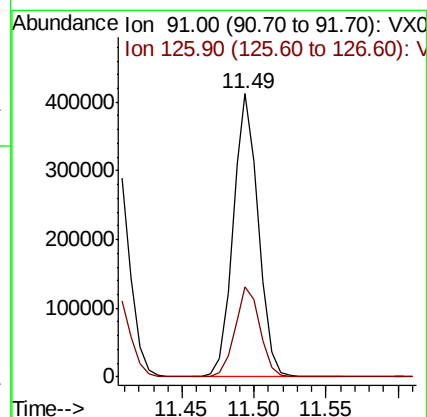
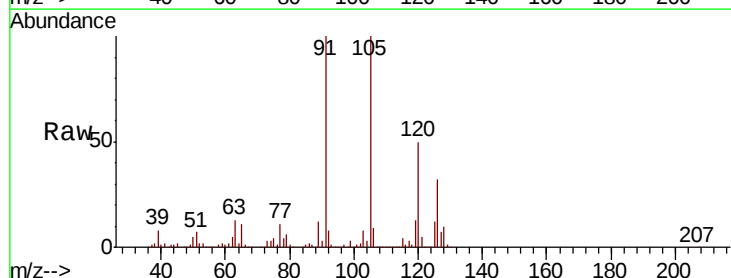
Acq: 20 Oct 2020 17:43

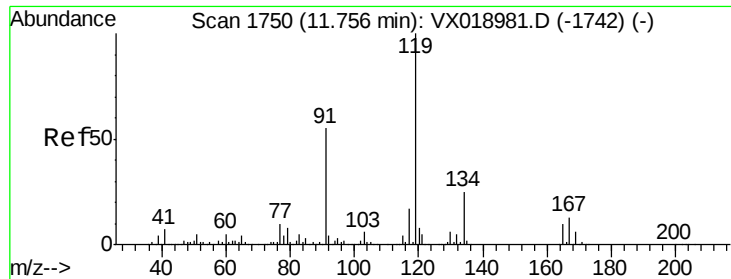
Tgt Ion: 91 Resp: 502151

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.6

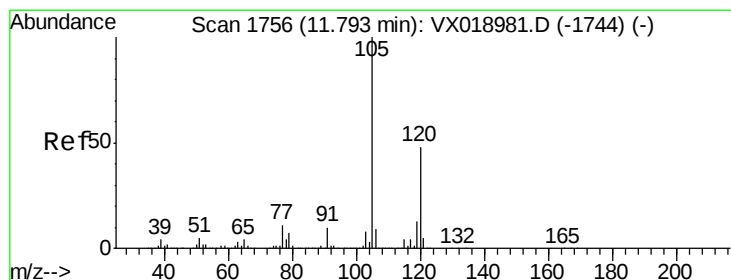
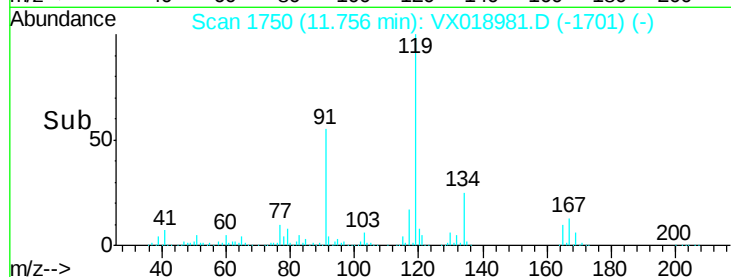
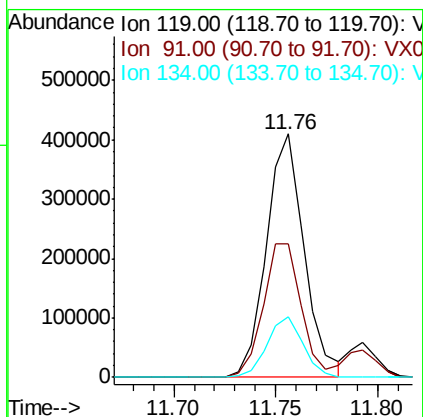
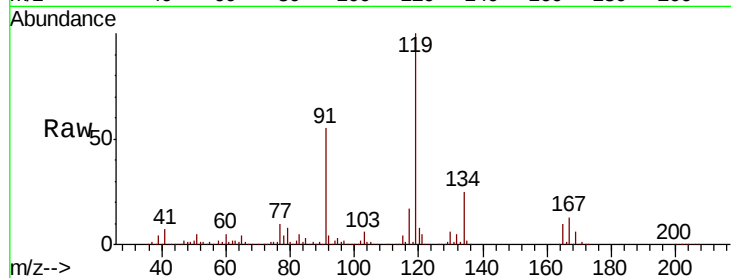




#83
 tert-Butylbenzene
 Concen: 48.925 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

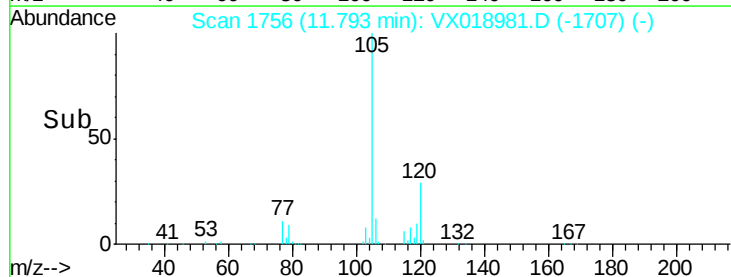
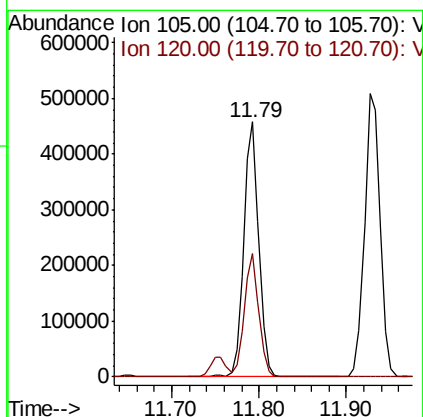
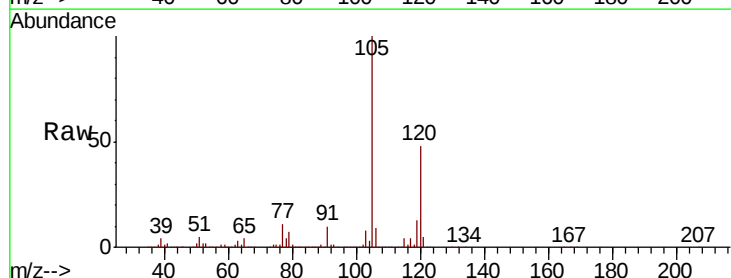
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

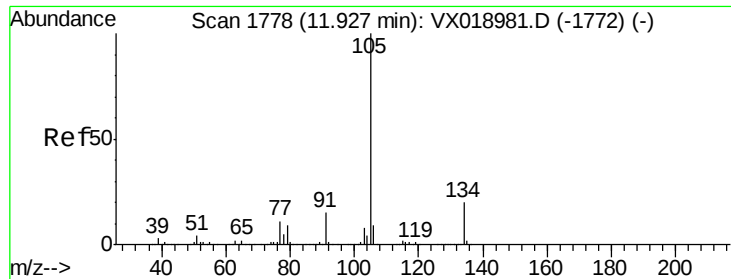
Tot Ion:119 Resp: 528412
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.5 82.4
 134 23.8 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.108 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion:105 Resp: 544522
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8

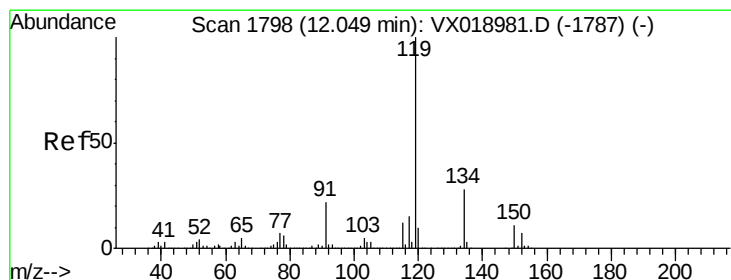
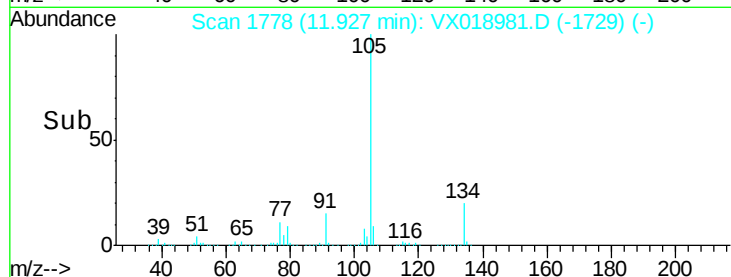
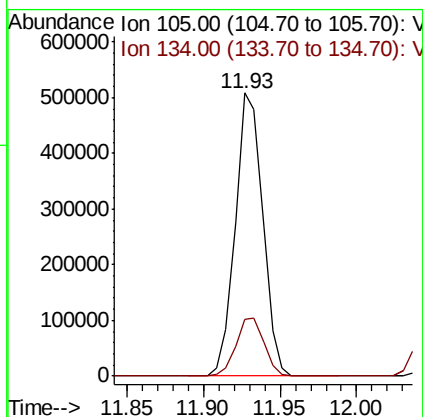
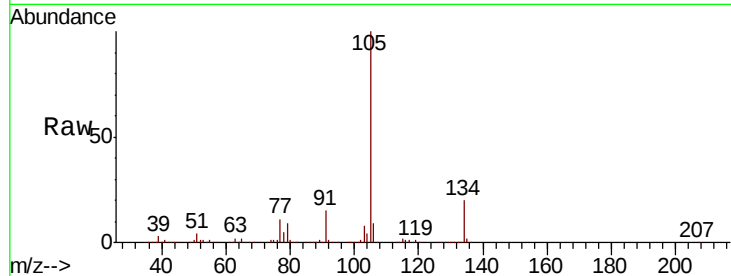




#85
 sec-Butylbenzene
 Concen: 48.821 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

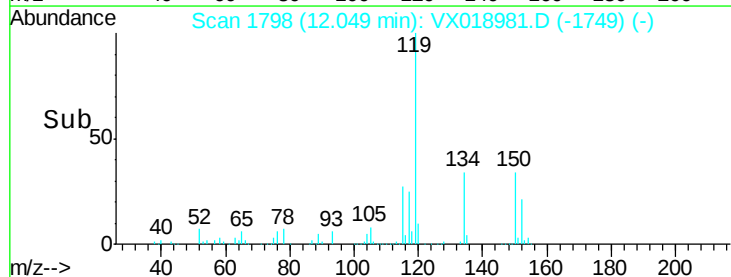
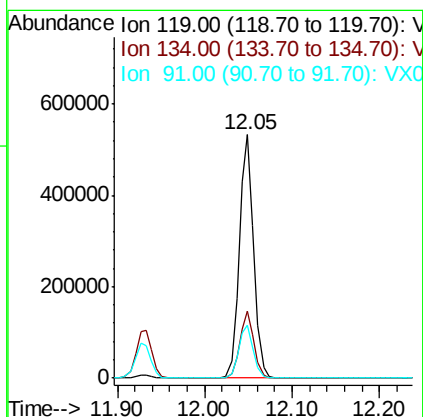
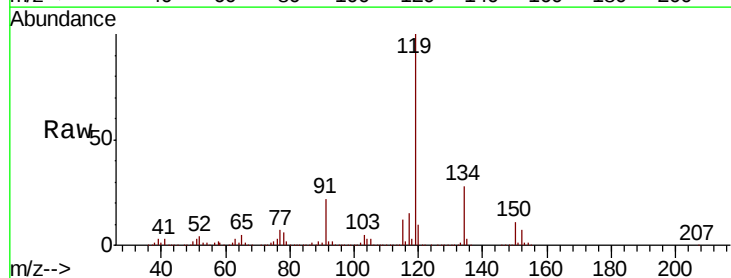
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

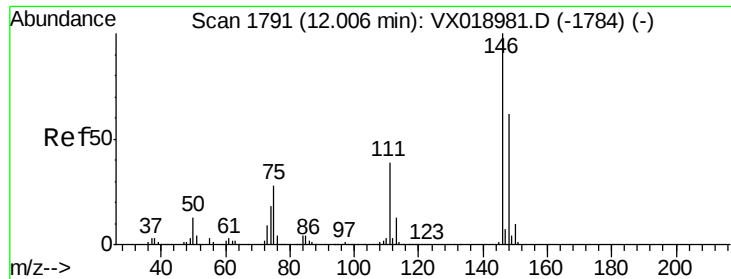
Tot Ion:105 Resp: 632420
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 50.882 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion:119 Resp: 608228
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.0 11.0 33.0

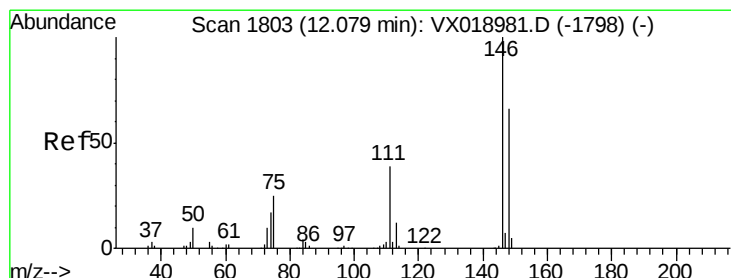
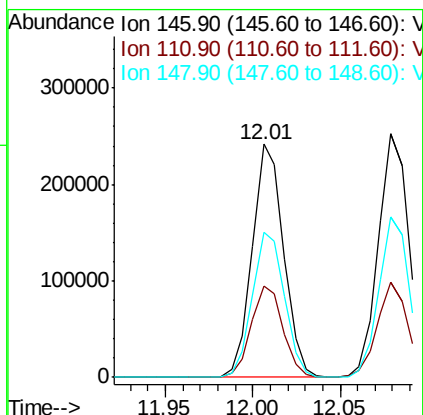
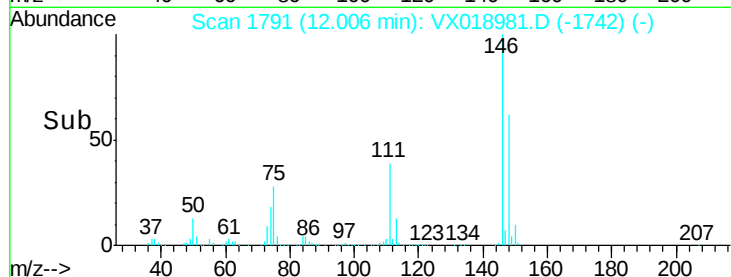
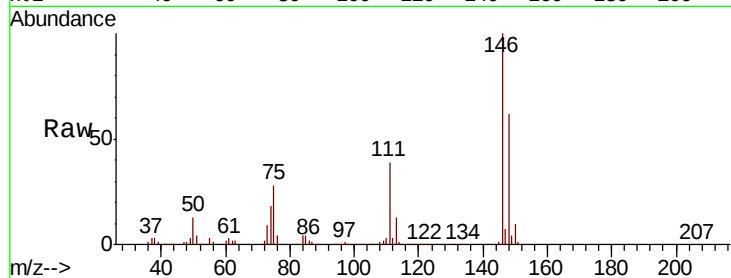




#87
 1,3-Dichlorobenzene
 Concen: 50.220 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

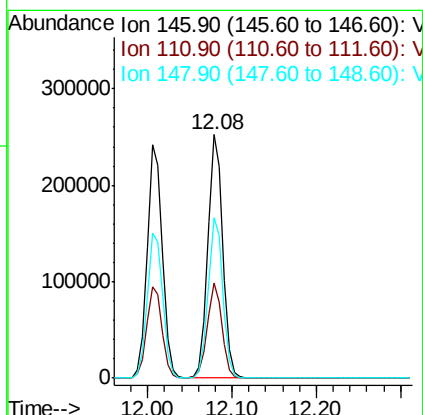
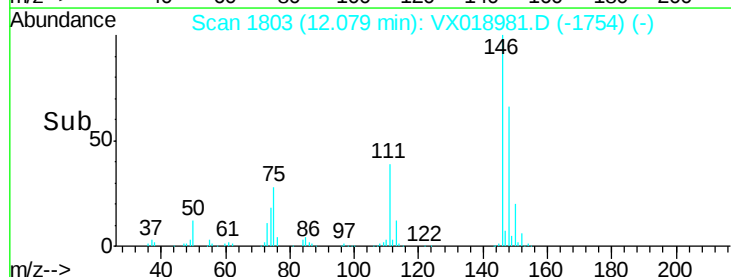
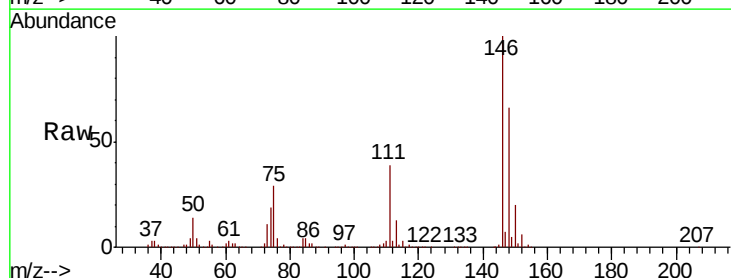
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

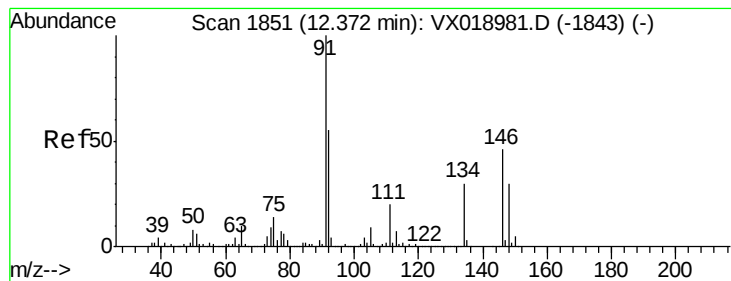
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	63.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.946 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	65.3	32.6	98.0





#89

n-Butylbenzene

Concen: 49.561 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018981.D

Acq: 20 Oct 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

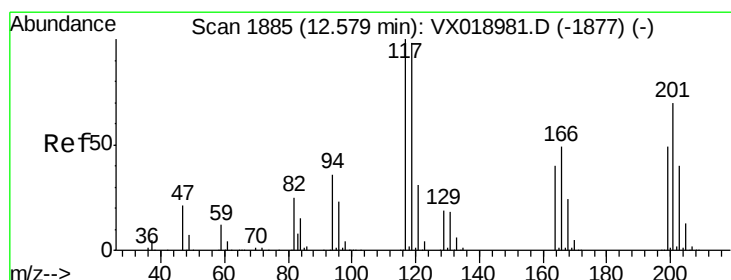
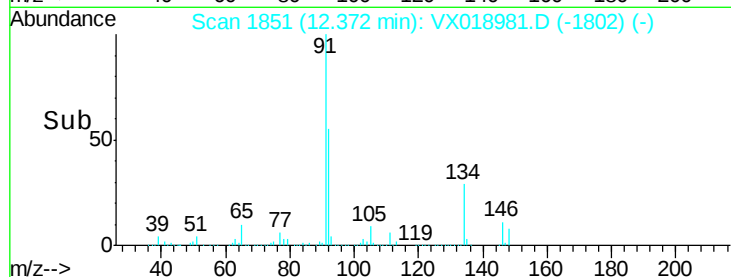
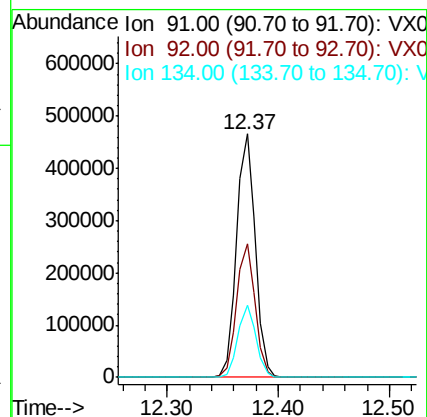
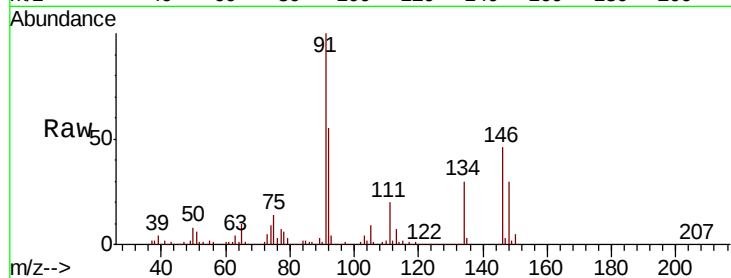
Tot Ion: 91 Resp: 540735

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 28.5 14.2 42.8



#90

Hexachloroethane

Concen: 49.913 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018981.D

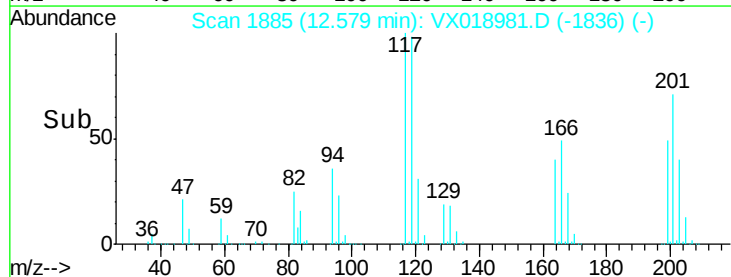
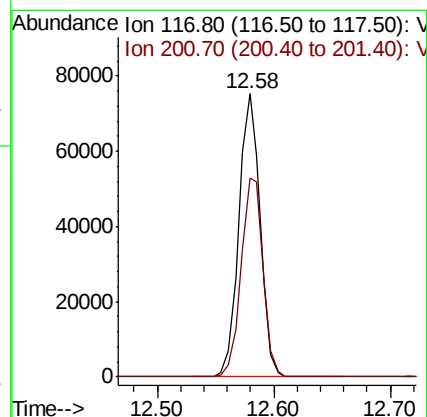
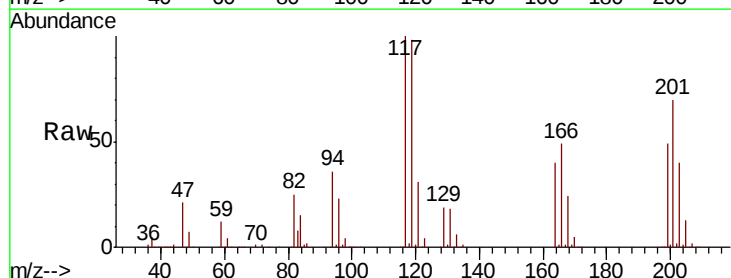
Acq: 20 Oct 2020 17:43

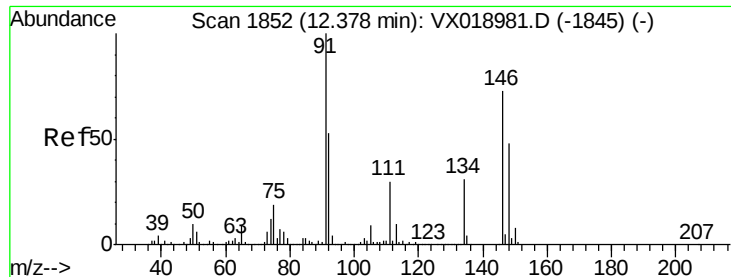
Tgt Ion: 117 Resp: 95416

Ion Ratio Lower Upper

117 100

201 72.3 36.1 108.5

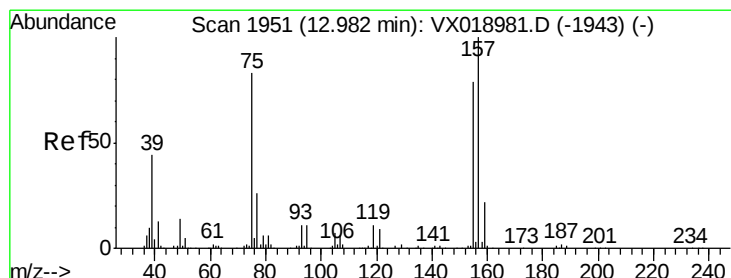
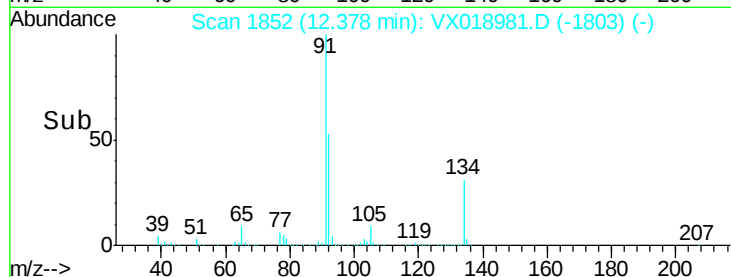
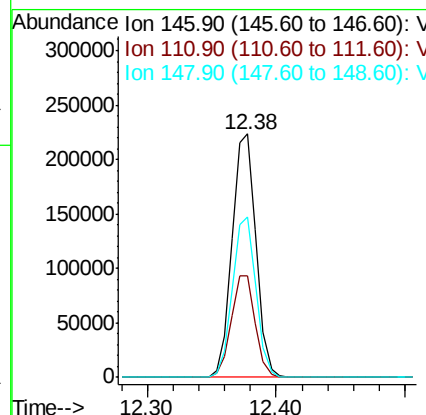
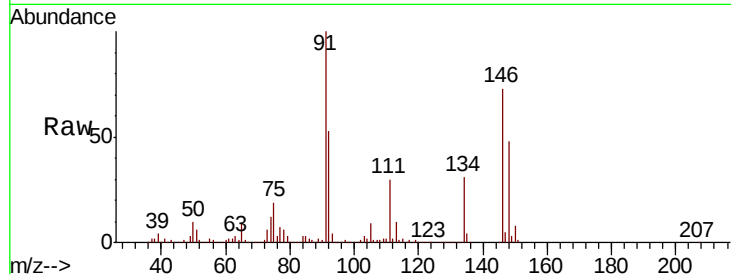




#91
 1,2-Dichlorobenzene
 Concen: 50.426 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

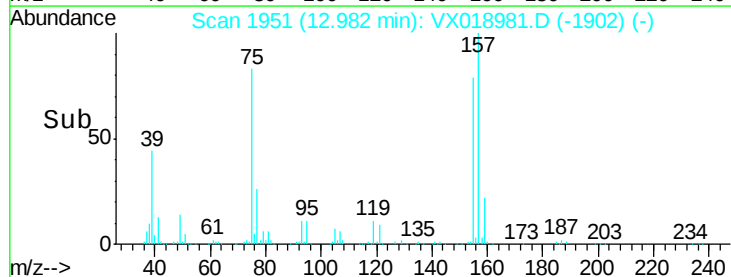
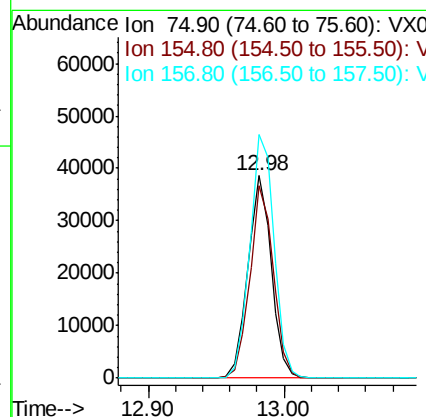
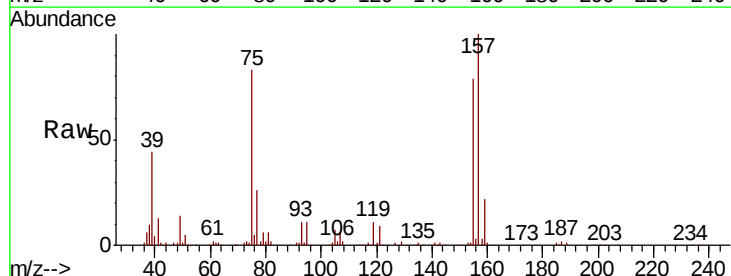
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

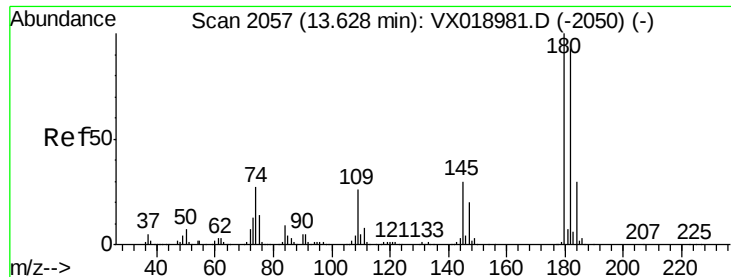
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.9	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.519 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	47.6	142.9
157	125.4	62.7	188.1

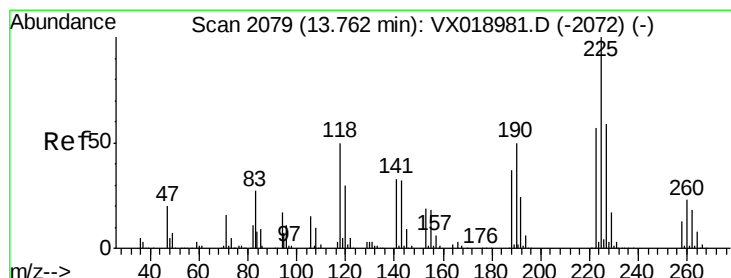
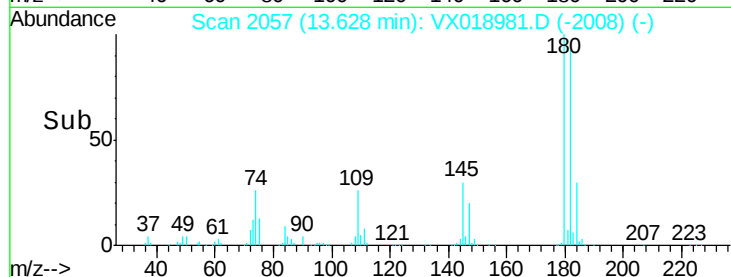
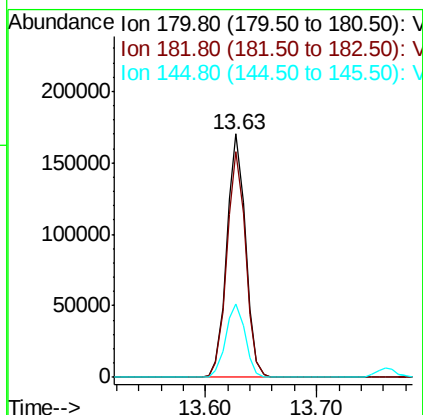
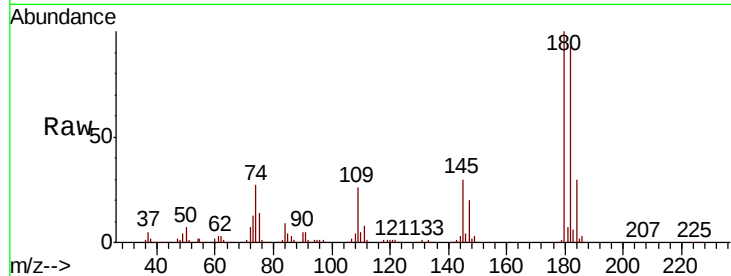




#93
 1,2,4-Trichlorobenzene
 Concen: 49.651 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

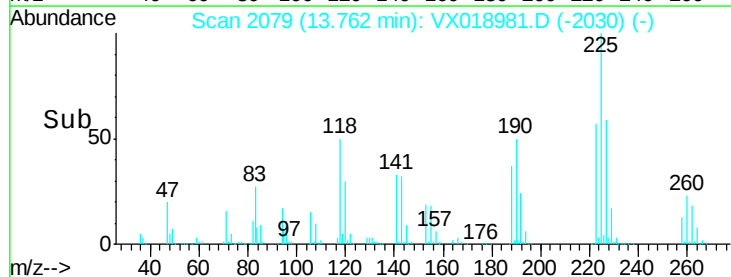
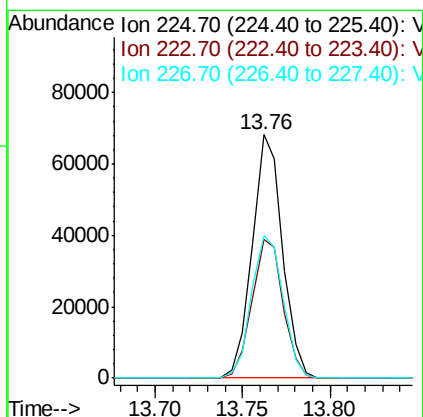
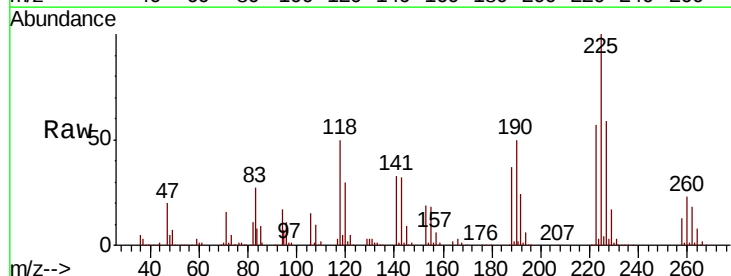
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

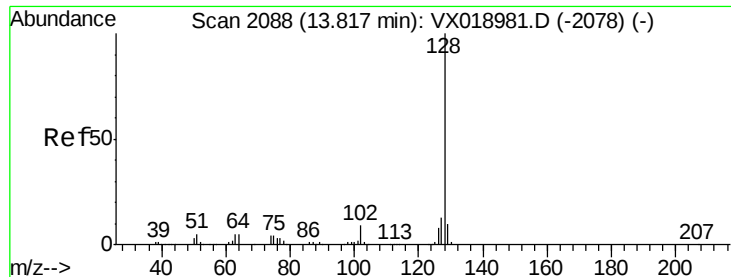
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.7
145	31.4	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 48.144 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018981.D
 Acq: 20 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.9	29.4	88.3
227	61.3	30.6	92.0

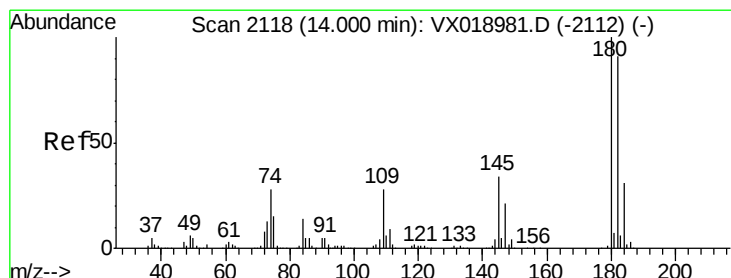
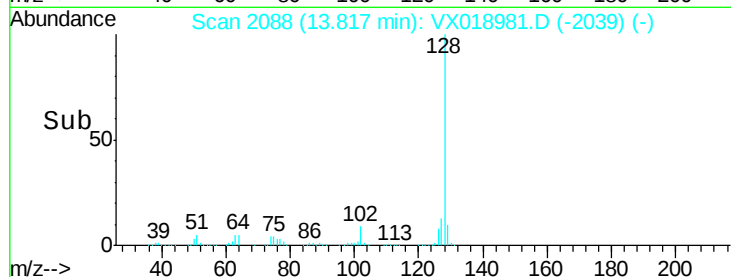
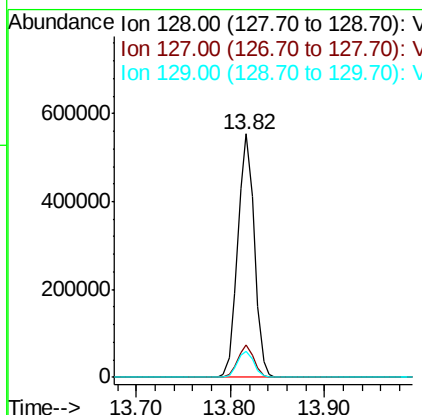
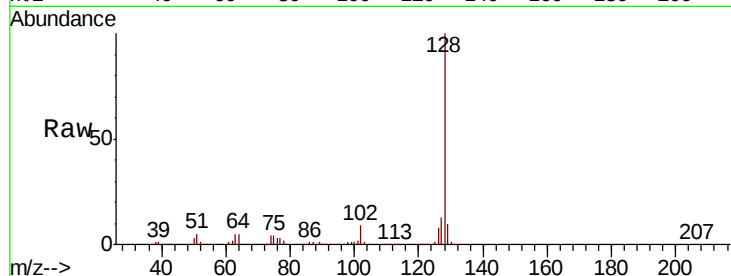




#95
Naphthalene
Concen: 50.984 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 675642
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.532 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018981.D
Acq: 20 Oct 2020 17:43

Tgt Ion:180 Resp: 188484
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.4
145 34.0 17.0 51.0

