

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX121420\
 Data File : VX019976.D
 Acq On : 14 Dec 2020 10:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 00:20:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	441030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207736	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	166356	46.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.20%	
35) Dibromofluoromethane		5.46	113	135931	47.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.38%	
50) Toluene-d8		8.70	98	521307	47.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.82%	
62) 4-Bromofluorobenzene		11.12	95	200549	48.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	120699	48.018	ug/l	98
3) Chloromethane	1.31	50	134592	45.530	ug/l	100
4) Vinyl Chloride	1.39	62	155159	49.778	ug/l	99
5) Bromomethane	1.62	94	43476	42.007	ug/l	97
6) Chloroethane	1.70	64	101312	54.107	ug/l	97
7) Trichlorofluoromethane	1.91	101	219686	50.608	ug/l	97
8) Diethyl Ether	2.17	74	93489	50.822	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127906	51.406	ug/l	98
10) Methyl Iodide	2.49	142	165327	45.079	ug/l	99
11) Tert butyl alcohol	3.01	59	178696	240.790	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123658	49.159	ug/l	98
13) Acrolein	2.27	56	75427	189.374	ug/l	99
14) Allyl chloride	2.70	41	218641	51.464	ug/l	97
15) Acrylonitrile	3.11	53	434308	266.242	ug/l	99
16) Acetone	2.42	43	351104	258.869	ug/l	100
17) Carbon Disulfide	2.55	76	314430	43.564	ug/l	100
18) Methyl Acetate	2.75	43	189728	57.164	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	486302	53.085	ug/l	99
20) Methylene Chloride	2.83	84	161836	52.332	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	147820	50.405	ug/l	97
22) Diisopropyl ether	3.82	45	470828	54.814	ug/l	98
23) Vinyl Acetate	3.78	43	1978629	270.379	ug/l	100
24) 1,1-Dichloroethane	3.67	63	273204	52.744	ug/l	100
25) 2-Butanone	4.63	43	552679	265.189	ug/l	99
26) 2,2-Dichloropropane	4.55	77	224698	50.373	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	173188	50.463	ug/l	99
28) Bromochloromethane	4.98	49	123520	50.023	ug/l	97
29) Tetrahydrofuran	5.08	42	351756	261.966	ug/l	98
30) Chloroform	5.17	83	282458	53.033	ug/l	98
31) Cyclohexane	5.54	56	225560	50.253	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	238788	52.062	ug/l	100
36) 1,1-Dichloropropene	5.76	75	203655	51.102	ug/l	99
37) Ethyl Acetate	4.79	43	211480	52.557	ug/l	99
38) Carbon Tetrachloride	5.75	117	203824	52.227	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	240403	51.344	ug/l	98
40) Benzene	6.11	78	632236	51.934	ug/l	98
41) Methacrylonitrile	5.00	41	117825	53.332	ug/l	99
42) 1,2-Dichloroethane	6.15	62	218550	52.543	ug/l	100
43) Isopropyl Acetate	6.40	43	338824	51.793	ug/l	99
44) Trichloroethene	7.18	130	162259	50.799	ug/l	99
45) 1,2-Dichloropropane	7.48	63	163338	53.684	ug/l	99
46) Dibromomethane	7.63	93	107678	52.406	ug/l	100
47) Bromodichloromethane	7.87	83	220495	54.080	ug/l	99
48) Methyl methacrylate	7.74	41	169099	52.558	ug/l	98
49) 1,4-Dioxane	7.71	88	80094	1027.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1091750	273.344	ug/l	99
52) Toluene	8.76	92	397218	52.169	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238501	52.714	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	261287	53.157	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166432	54.241	ug/l	99
56) Ethyl methacrylate	9.16	69	248350	53.497	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278563	53.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	678743	275.989	ug/l	99
59) 2-Hexanone	9.47	43	828223	267.521	ug/l	99
60) Dibromochloromethane	9.56	129	167771	53.817	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169631	52.063	ug/l	99
64) Tetrachloroethene	9.32	164	152381	55.839	ug/l	97
65) Chlorobenzene	10.12	112	419223	51.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155574	53.315	ug/l	98
67) Ethyl Benzene	10.23	91	756421	52.564	ug/l	100
68) m/p-Xylenes	10.34	106	572839	105.639	ug/l	99
69) o-Xylene	10.68	106	274184	52.564	ug/l	100
70) Styrene	10.70	104	476600	54.132	ug/l	100
71) Bromoform	10.84	173	120725	52.591	ug/l	97
73) Isopropylbenzene	11.00	105	747340	52.658	ug/l	100
74) N-amyl acetate	10.88	43	295235	51.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260317	52.025	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	303082	65.051	ug/l	88
77) Bromobenzene	11.24	156	184111	50.691	ug/l	98
78) n-propylbenzene	11.34	91	863890	53.294	ug/l	100
79) 2-Chlorotoluene	11.40	91	515802	51.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	639136	53.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84022	52.132	ug/l	99
82) 4-Chlorotoluene	11.49	91	615850	52.677	ug/l	98
83) tert-Butylbenzene	11.76	119	615383	52.384	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	641734	53.187	ug/l	100
85) sec-Butylbenzene	11.93	105	726086	54.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	667215	54.280	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	339064	50.864	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	344224	50.699	ug/l	99
89) n-Butylbenzene	12.37	91	592396	54.396	ug/l	99
90) Hexachloroethane	12.58	117	111908	52.733	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	330550	50.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56363	52.398	ug/l	96

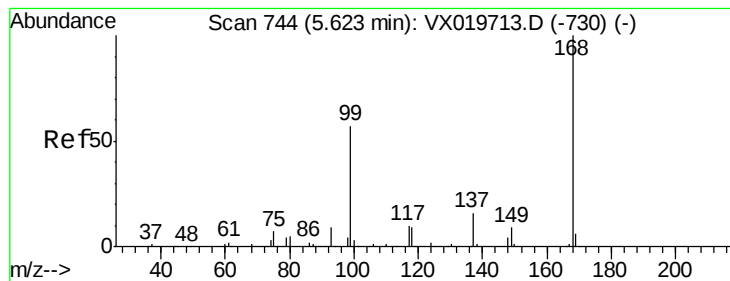
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227518	53.786	ug/l	98
94) Hexachlorobutadiene	13.77	225	99832	52.803	ug/l	100
95) Naphthalene	13.82	128	759944	55.414	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	221573	53.598	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

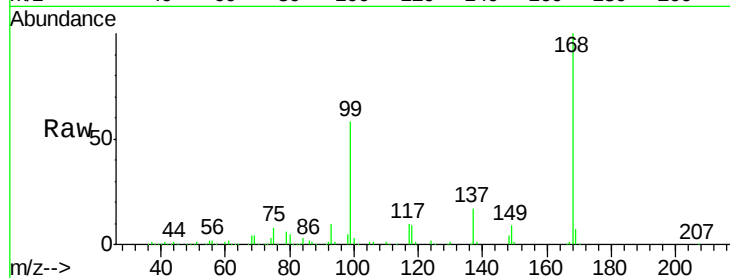
VSTDCCC050

Tgt Ion:168 Resp: 274549

Ion Ratio Lower Upper

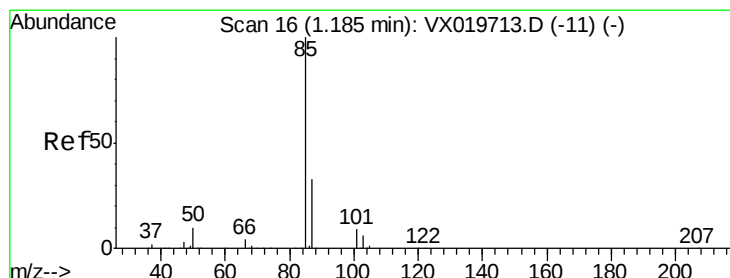
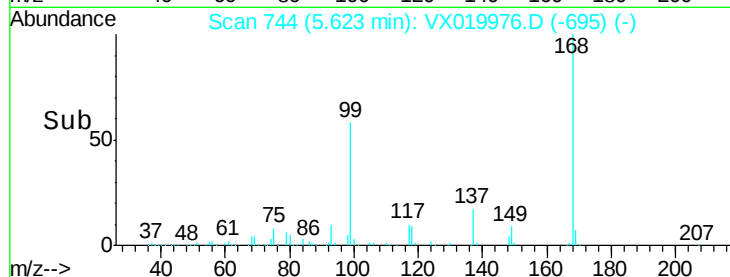
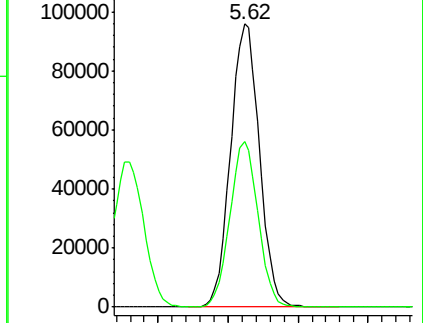
168 100

99 58.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.018 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019976.D

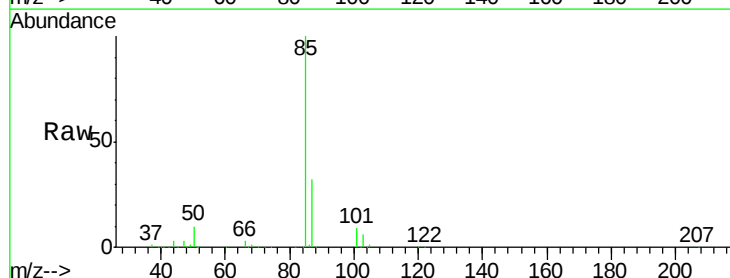
Acq: 14 Dec 2020 10:51

Tgt Ion: 85 Resp: 120699

Ion Ratio Lower Upper

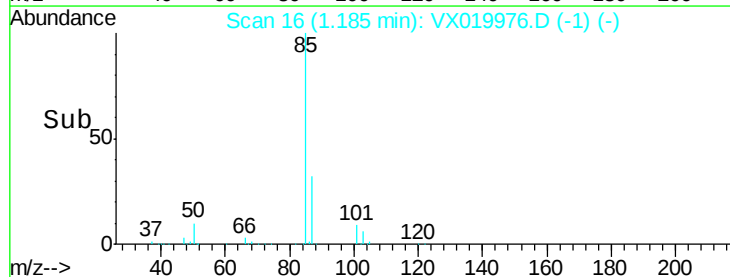
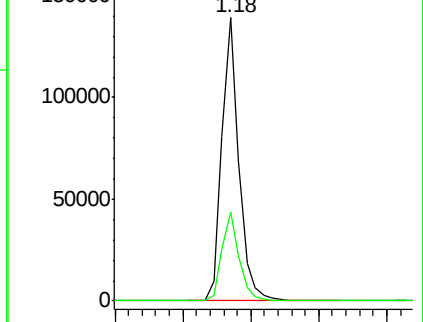
85 100

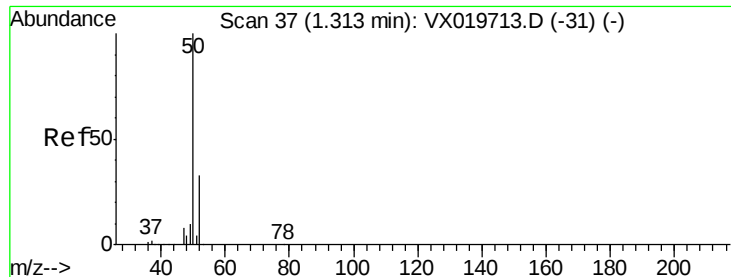
87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.530 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

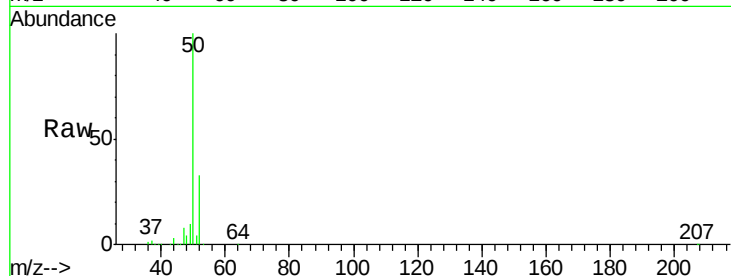
VSTDCCC050

Tgt Ion: 50 Resp: 134592

Ion Ratio Lower Upper

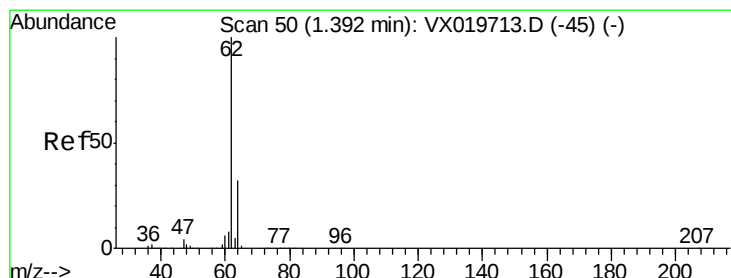
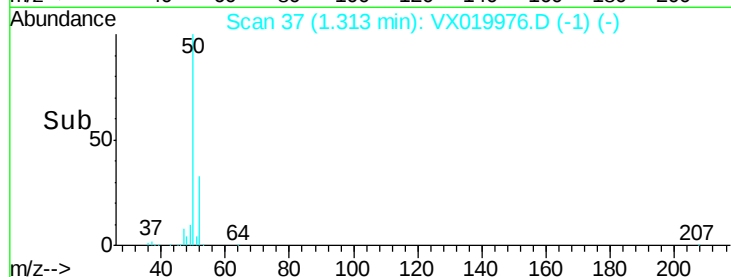
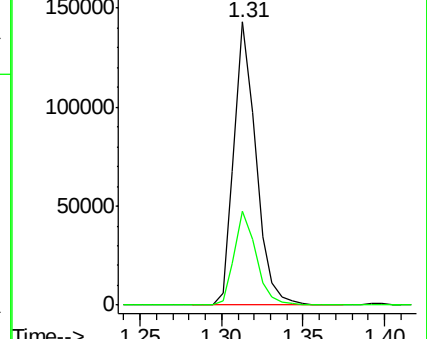
50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.778 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019976.D

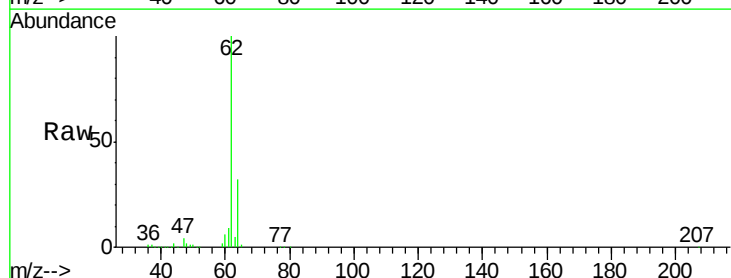
Acq: 14 Dec 2020 10:51

Tgt Ion: 62 Resp: 155159

Ion Ratio Lower Upper

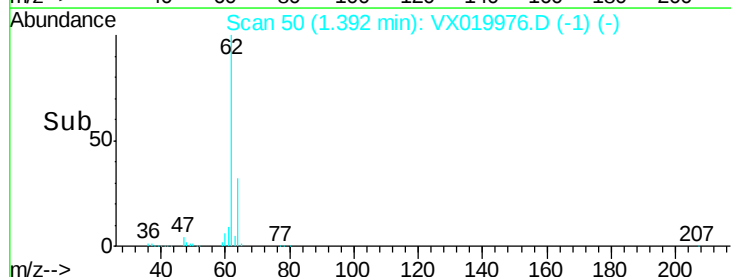
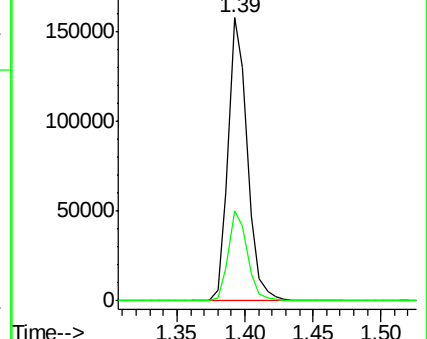
62 100

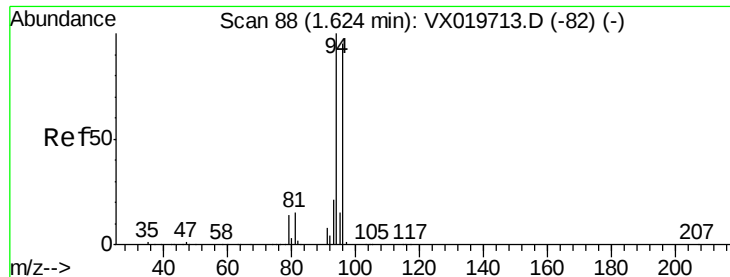
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.007 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

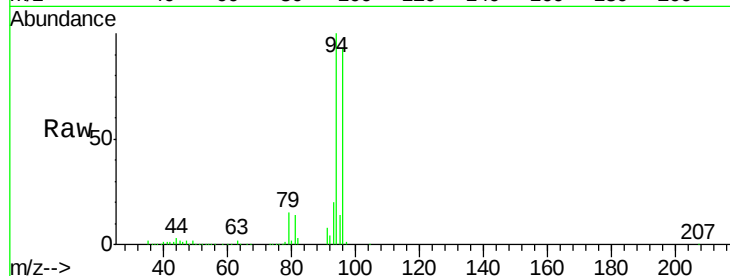
VSTDCCC050

Tgt Ion: 94 Resp: 43476

Ion Ratio Lower Upper

94 100

96 92.7 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

50000

40000

30000

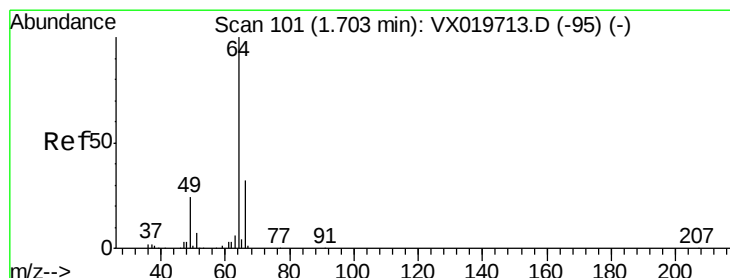
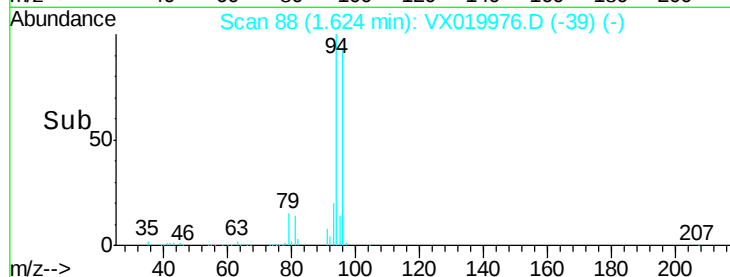
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 54.107 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019976.D

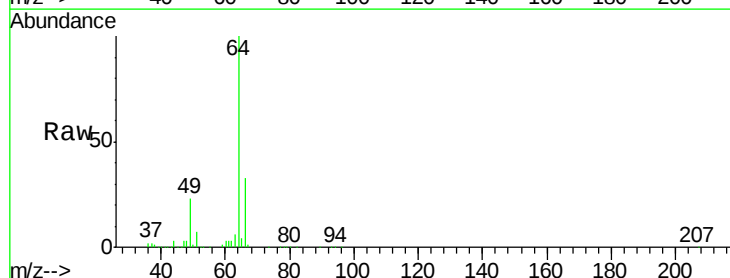
Acq: 14 Dec 2020 10:51

Tgt Ion: 64 Resp: 101312

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

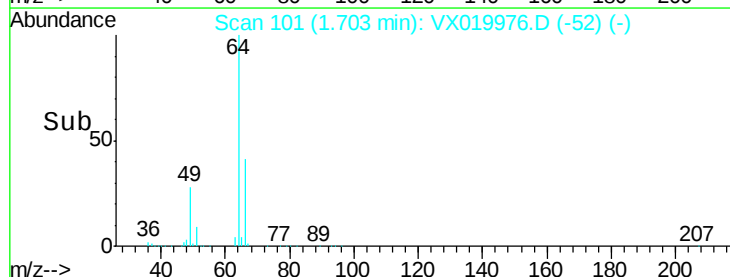
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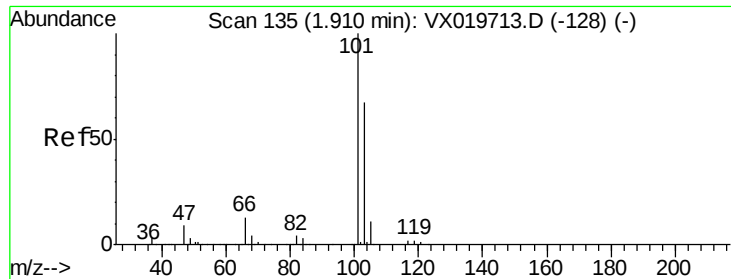
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Time-->

1.60 1.70 1.80



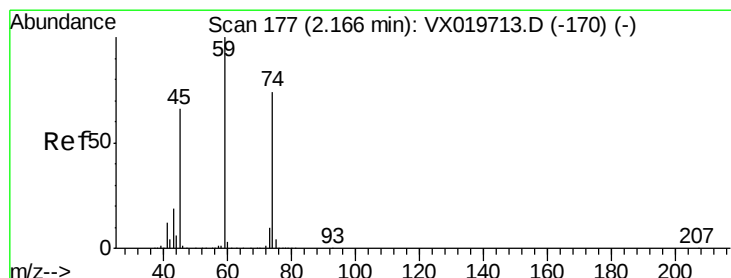
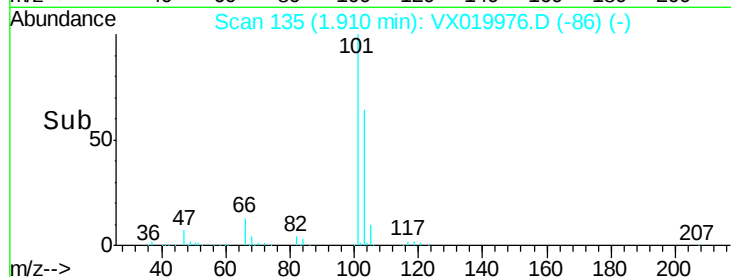
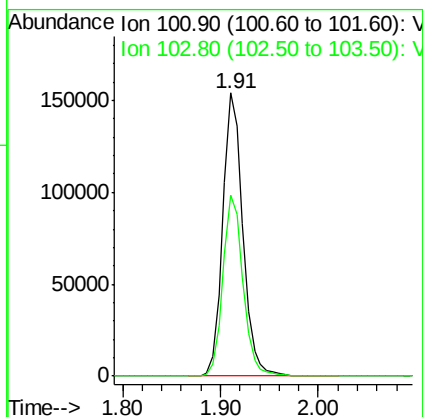
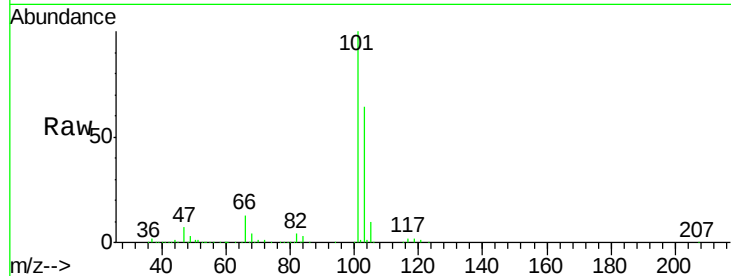


#7

Trichlorofluoromethane
 Concen: 50.608 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

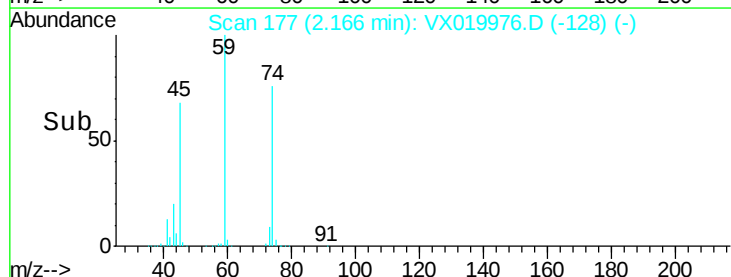
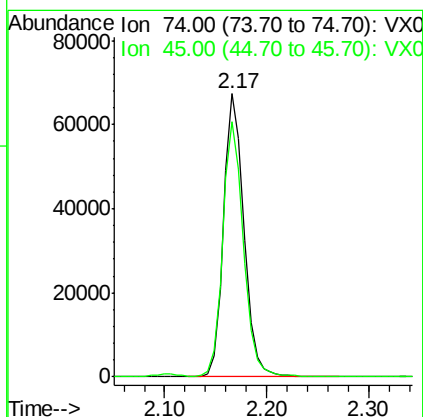
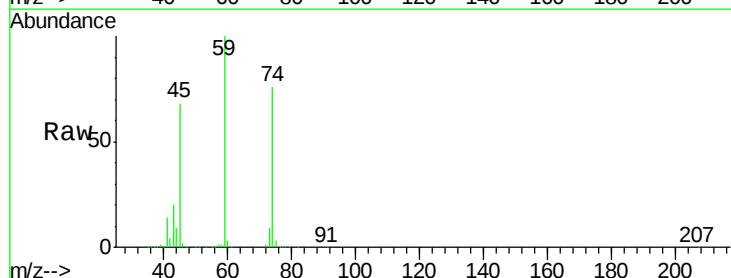
Tgt Ion:101 Resp: 219686
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.2 79.8

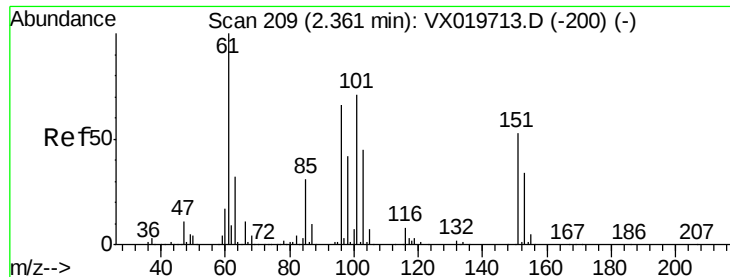


#8

Diethyl Ether
 Concen: 50.822 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 74 Resp: 93489
 Ion Ratio Lower Upper
 74 100
 45 90.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.406 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

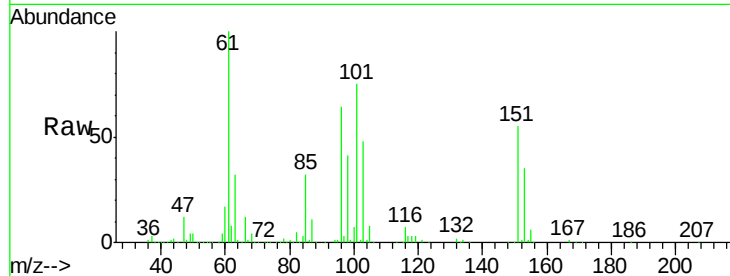
Tgt Ion:101 Resp: 127906

Ion Ratio Lower Upper

101 100

85 43.4 34.9 52.3

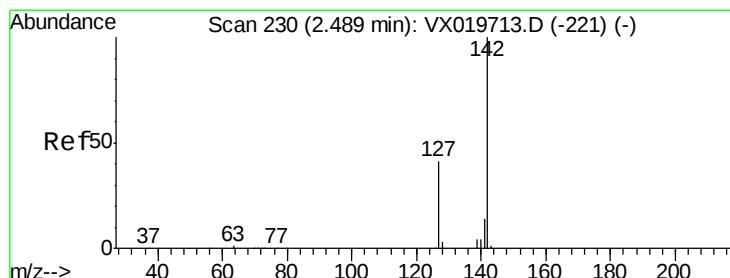
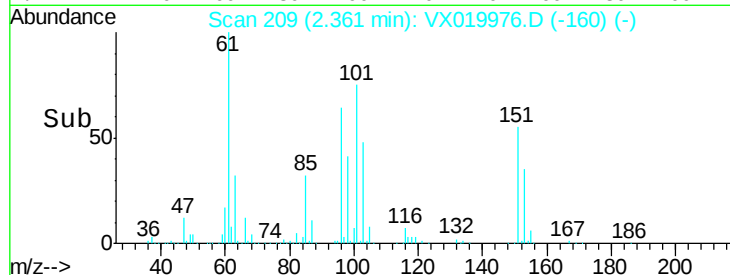
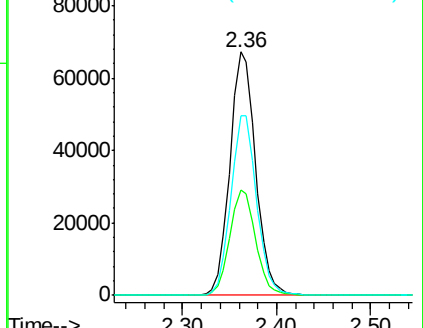
151 74.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.079 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

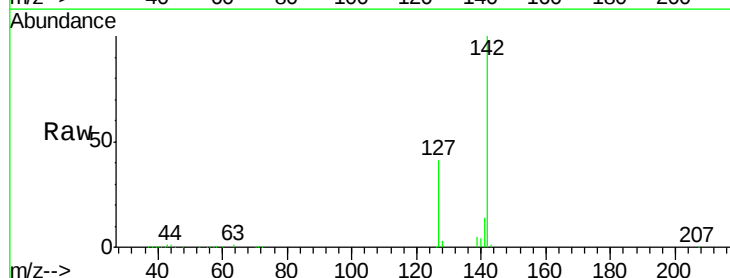
Tgt Ion:142 Resp: 165327

Ion Ratio Lower Upper

142 100

127 42.3 33.3 49.9

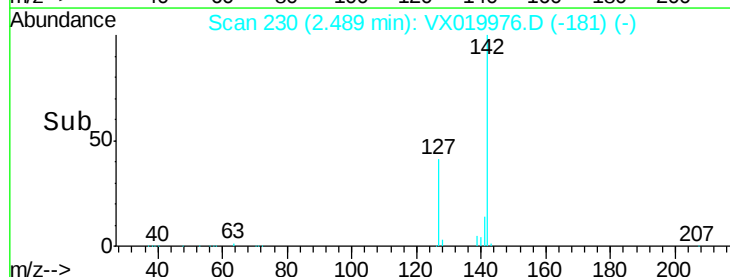
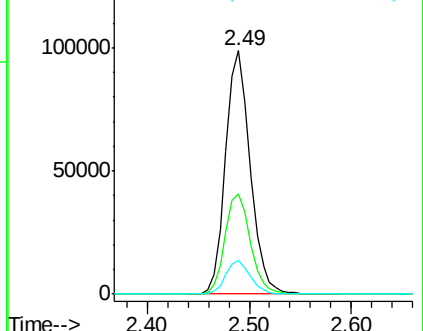
141 13.9 11.4 17.0

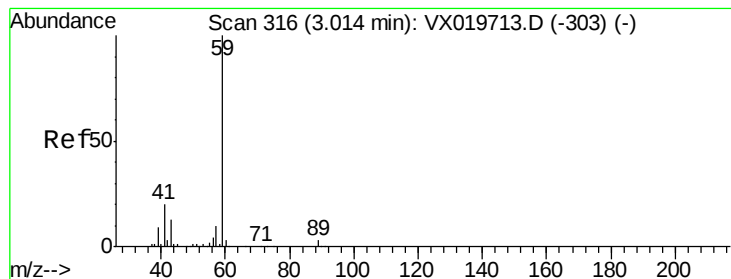


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



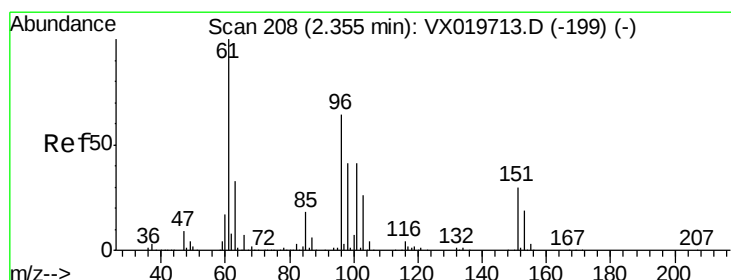
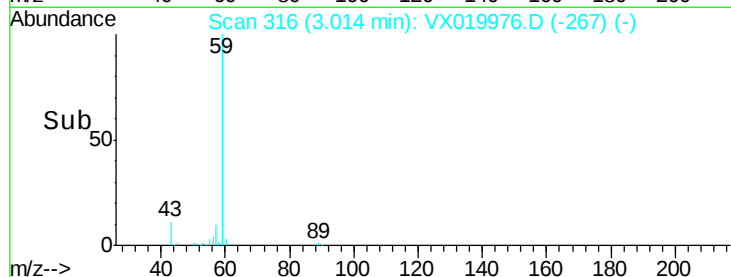
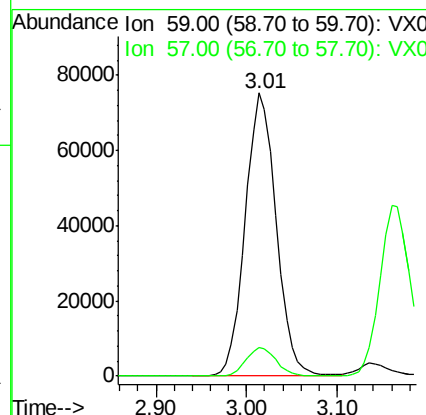
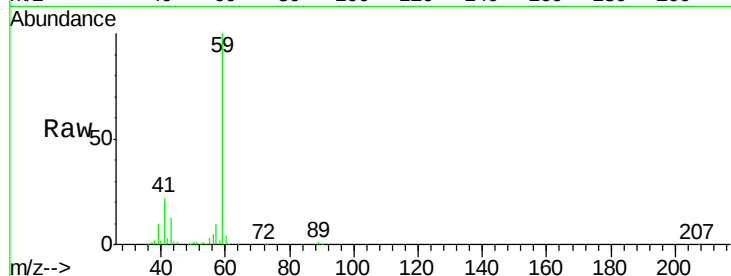


#11

Tert butyl alcohol
 Concen: 240.790 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

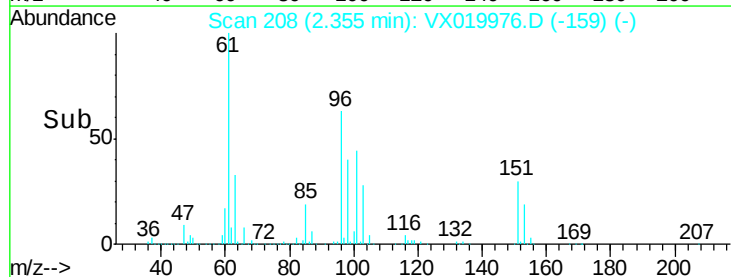
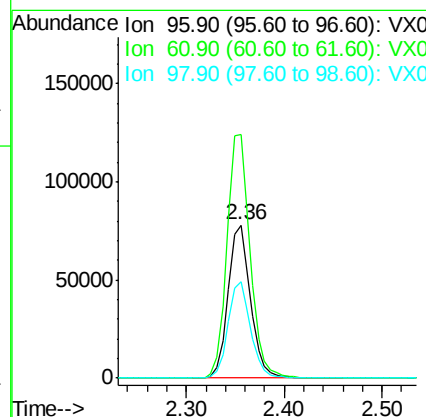
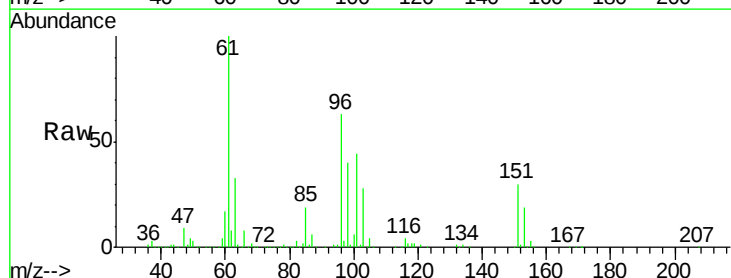
Tgt Ion: 59 Resp: 178696
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

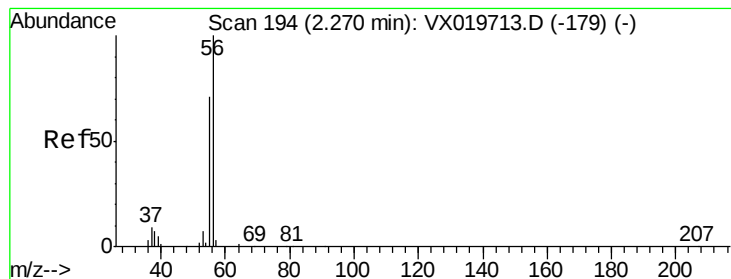


#12

1,1-Dichloroethene
 Concen: 49.159 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 96 Resp: 123658
 Ion Ratio Lower Upper
 96 100
 61 158.8 124.6 187.0
 98 63.2 50.6 76.0





#13

Acrolein

Concen: 189.374 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

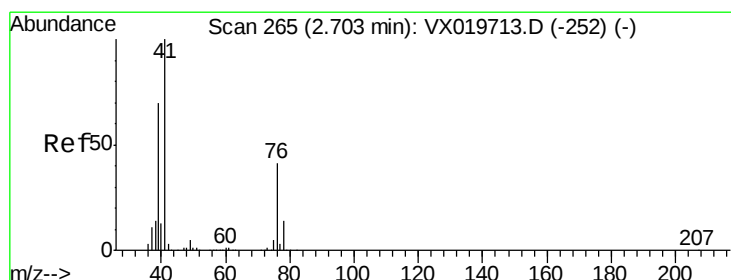
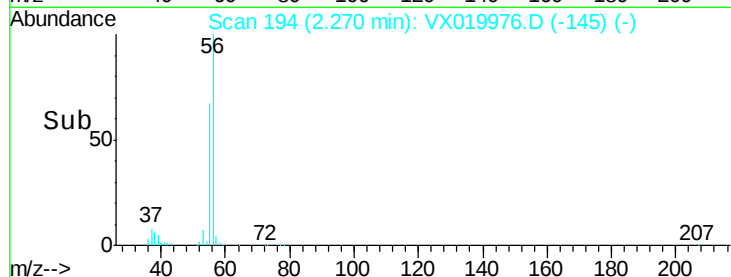
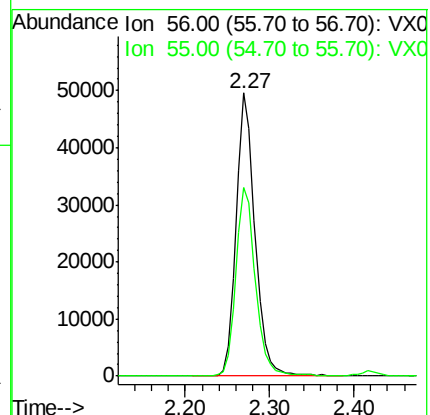
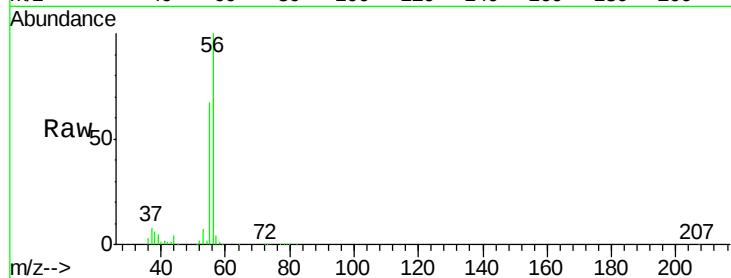
VSTDCCC050

Tgt Ion: 56 Resp: 75427

Ion Ratio Lower Upper

56 100

55 69.6 56.4 84.6



#14

Allyl chloride

Concen: 51.464 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

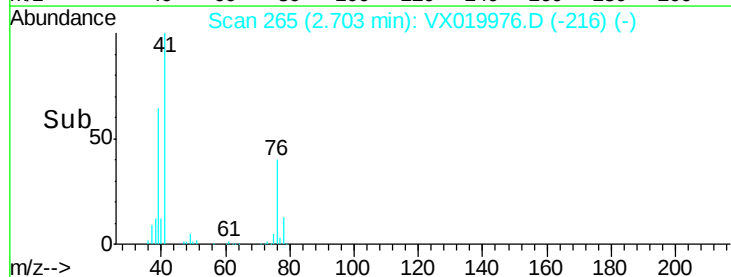
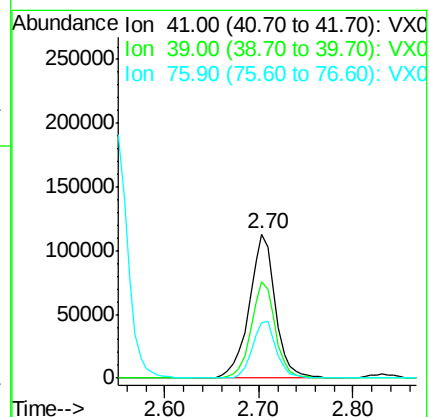
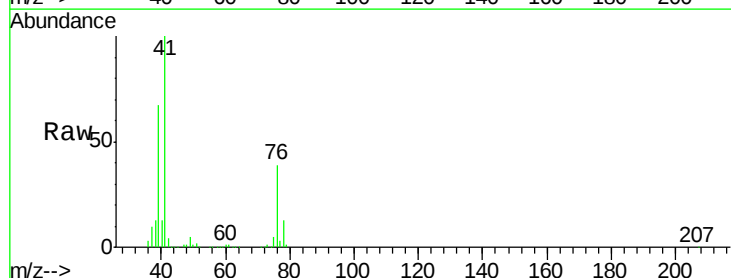
Tgt Ion: 41 Resp: 218641

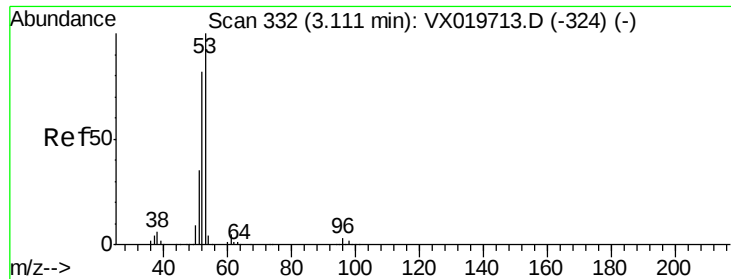
Ion Ratio Lower Upper

41 100

39 62.0 51.6 77.4

76 36.6 30.5 45.7





#15

Acrylonitrile

Concen: 266.242 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

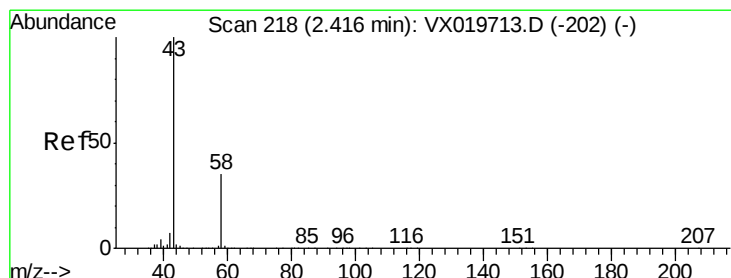
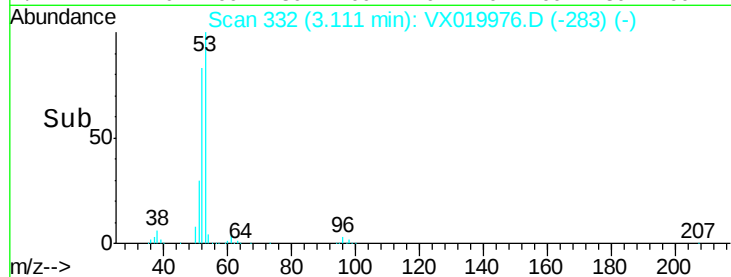
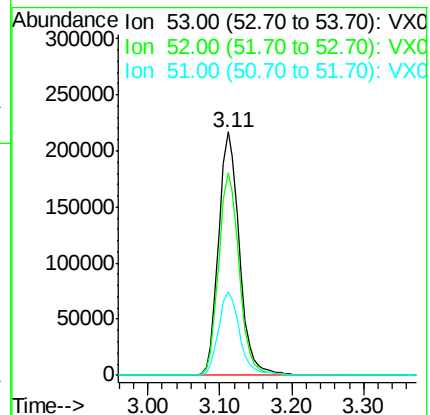
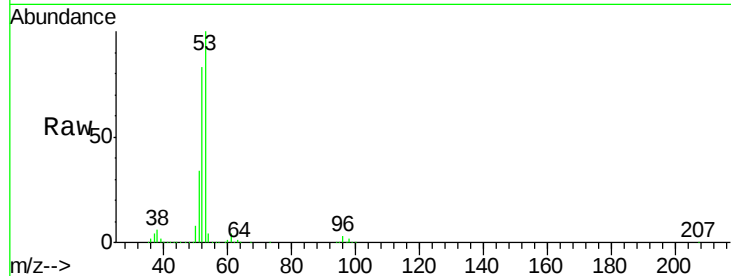
Tgt Ion: 53 Resp: 434308

Ion Ratio Lower Upper

53 100

52 82.3 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 258.869 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019976.D

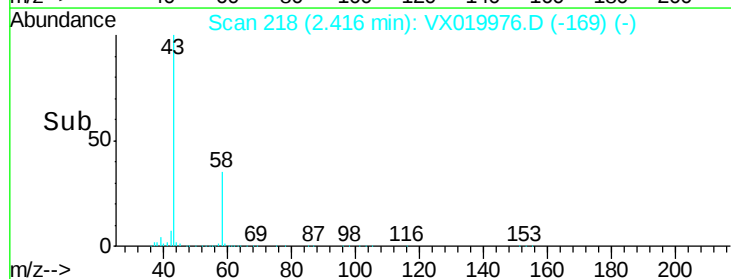
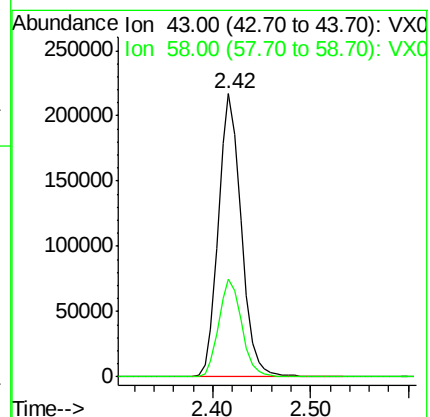
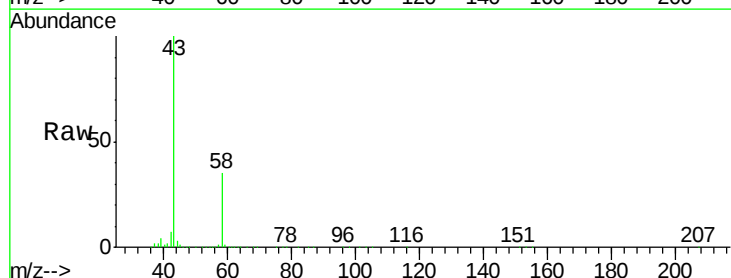
Acq: 14 Dec 2020 10:51

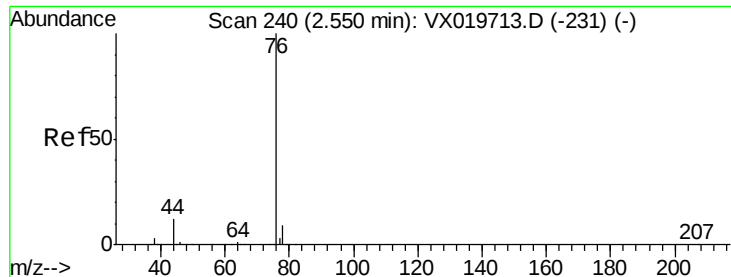
Tgt Ion: 43 Resp: 351104

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8

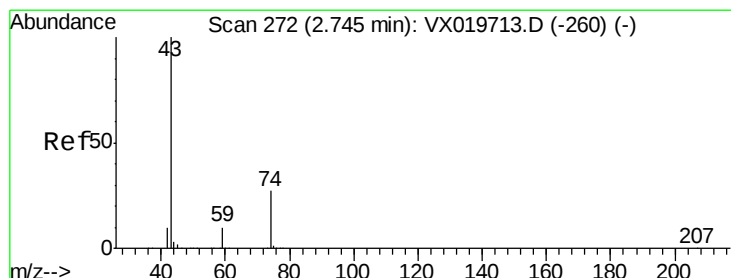
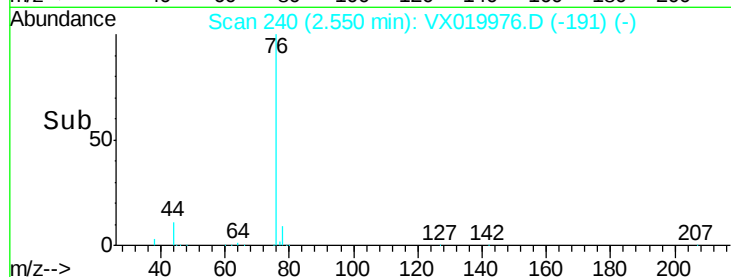
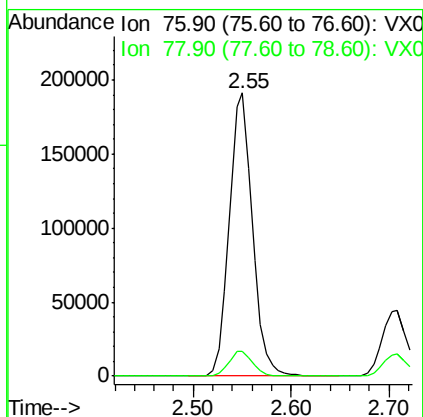
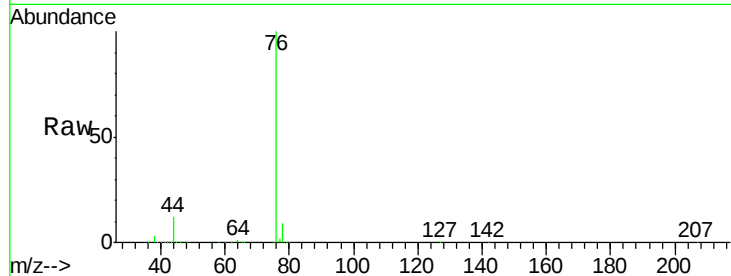




#17
Carbon Disulfide
Concen: 43.564 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

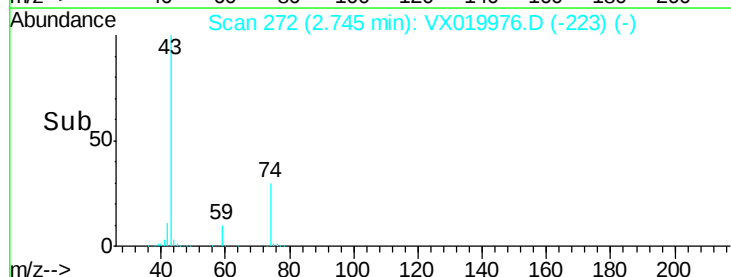
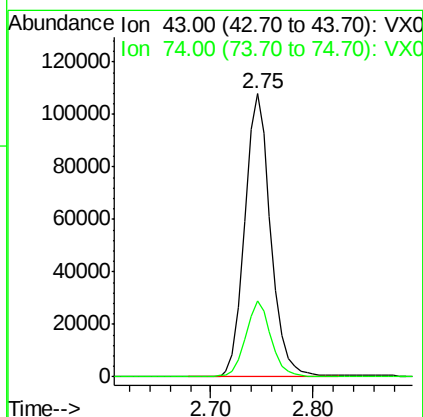
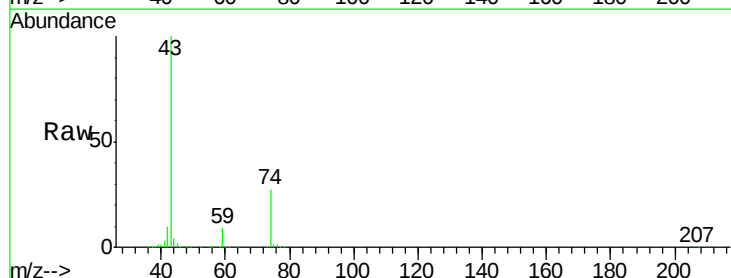
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

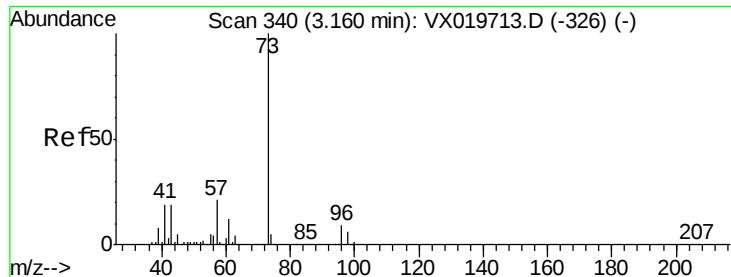
Tgt Ion: 76 Resp: 314430
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 57.164 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 43 Resp: 189728
Ion Ratio Lower Upper
43 100
74 26.6 21.9 32.9



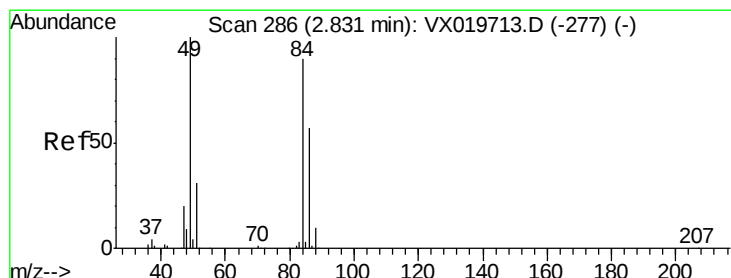
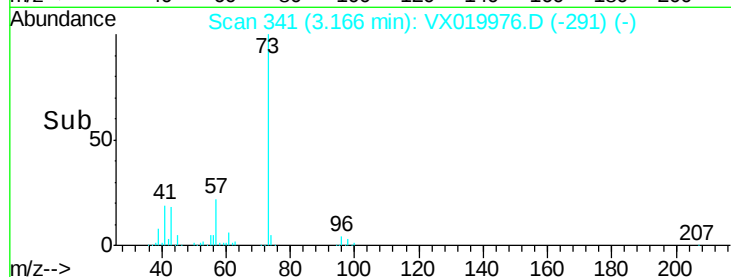
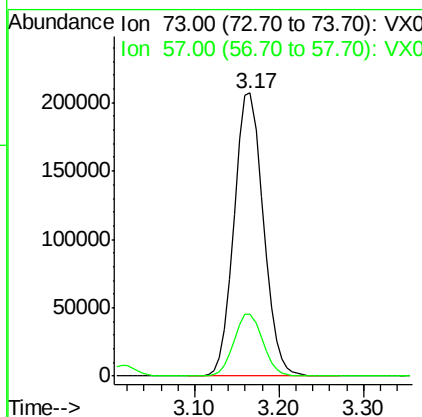
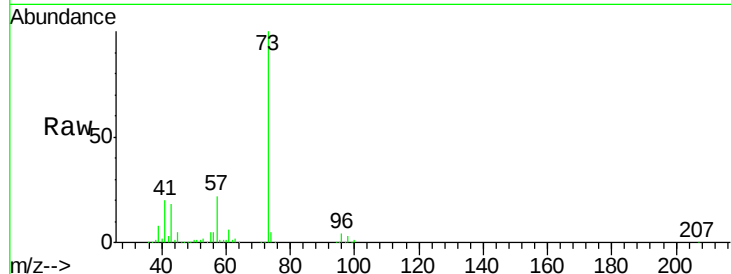


#19

Methyl tert-butyl Ether
 Concen: 53.085 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

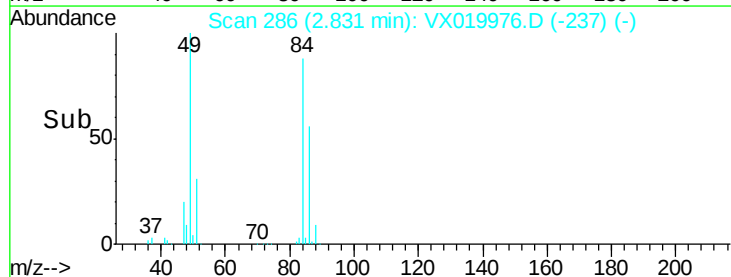
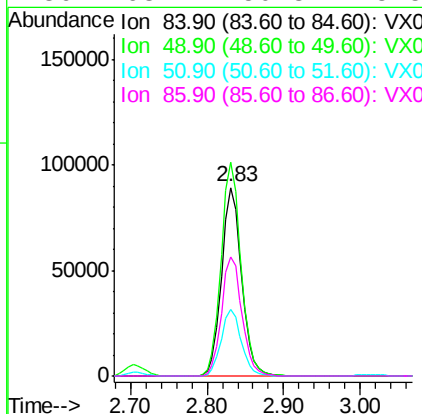
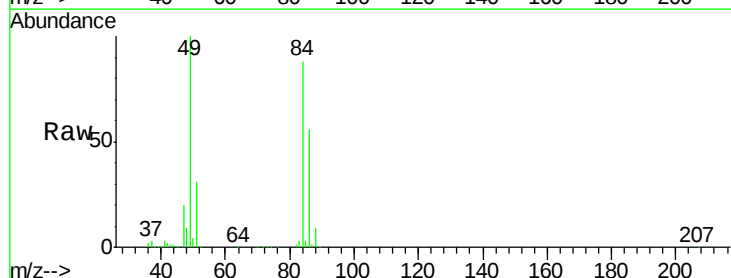
Tgt Ion: 73 Resp: 486302
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.1 25.7

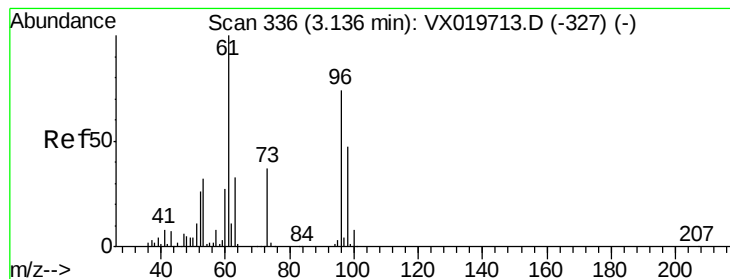


#20

Methylene Chloride
 Concen: 52.332 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 84 Resp: 161836
 Ion Ratio Lower Upper
 84 100
 49 113.4 88.6 132.8
 51 35.3 27.0 40.6
 86 63.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.405 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

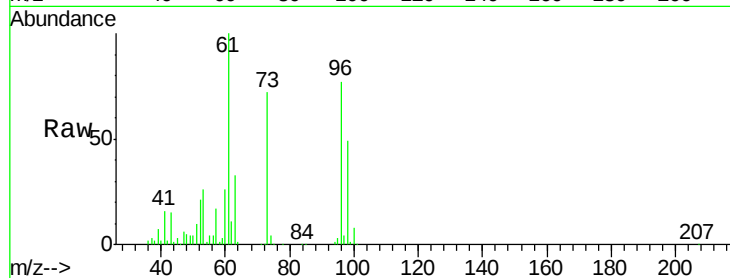
Tgt Ion: 96 Resp: 147820

Ion Ratio Lower Upper

96 100

61 129.3 107.7 161.5

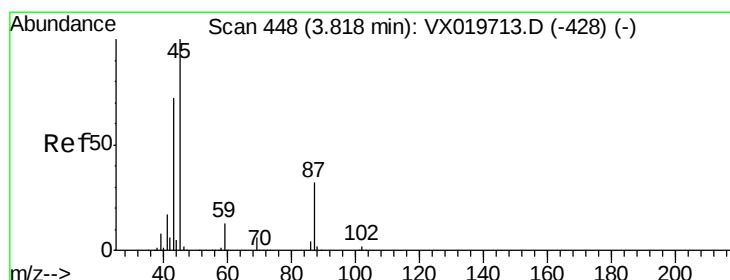
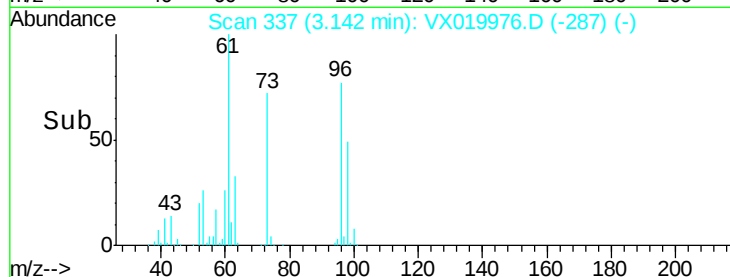
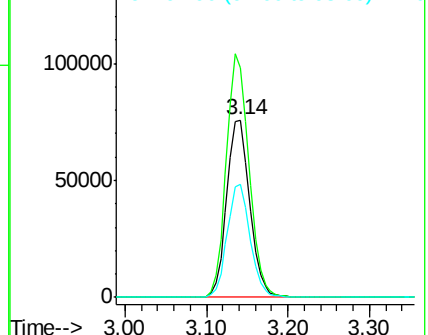
98 63.7 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.814 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion: 45 Resp: 470828

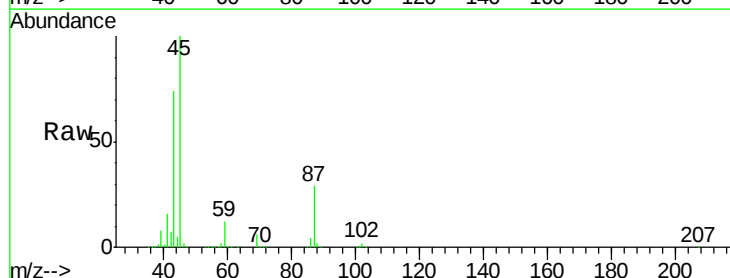
Ion Ratio Lower Upper

45 100

43 74.0 58.0 87.0

87 29.4 25.4 38.0

59 11.9 10.2 15.2

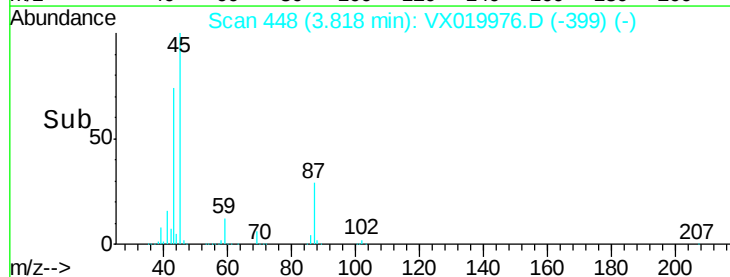
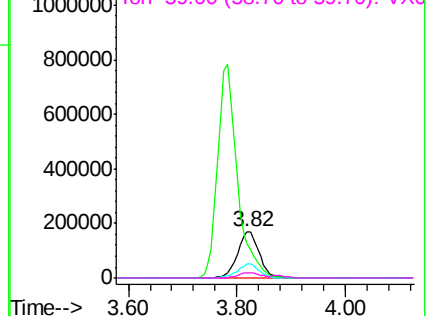


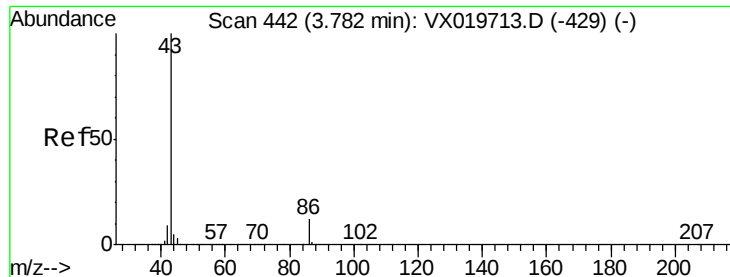
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.379 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

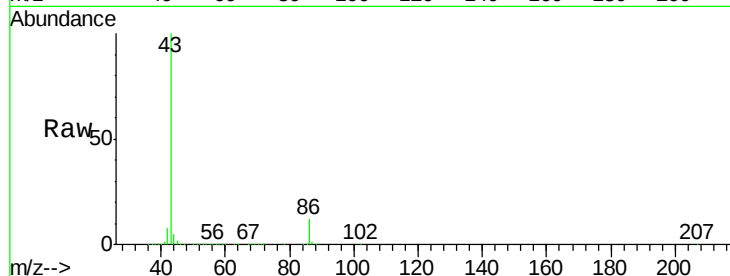
VSTDCCC050

Tgt Ion: 43 Resp: 1978629

Ion Ratio Lower Upper

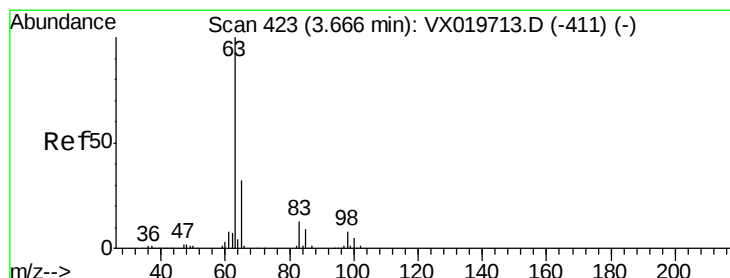
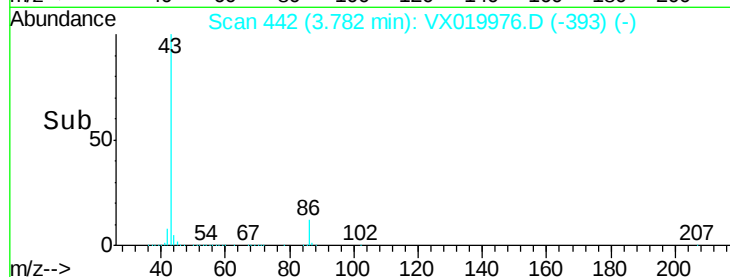
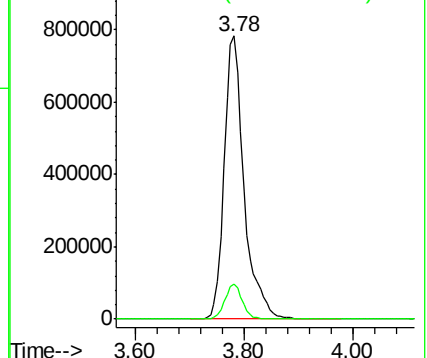
43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.744 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

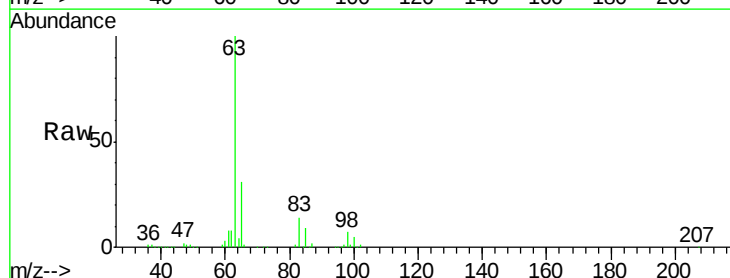
Tgt Ion: 63 Resp: 273204

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

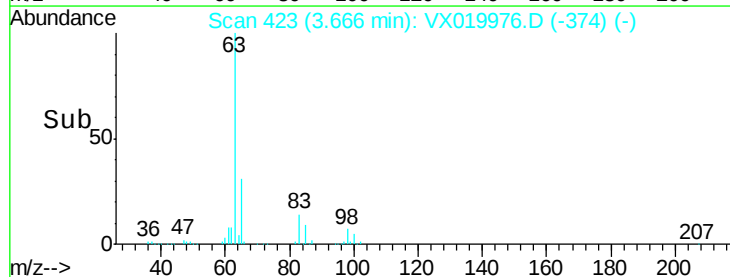
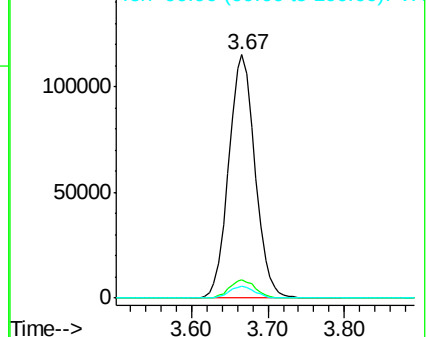
100 4.7 2.5 7.5

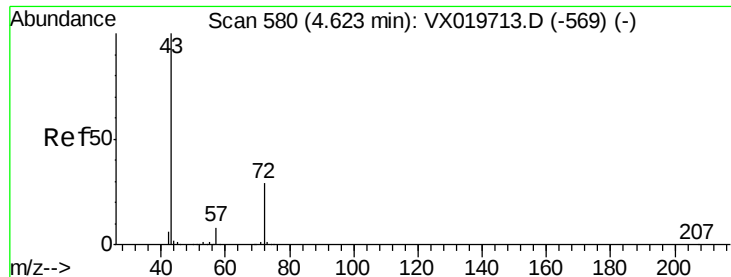


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 265.189 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

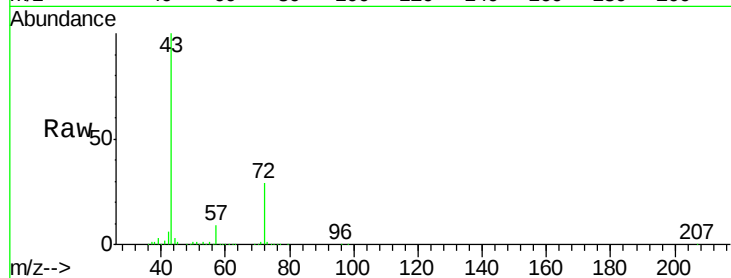
VSTDCCC050

Tgt Ion: 43 Resp: 552679

Ion Ratio Lower Upper

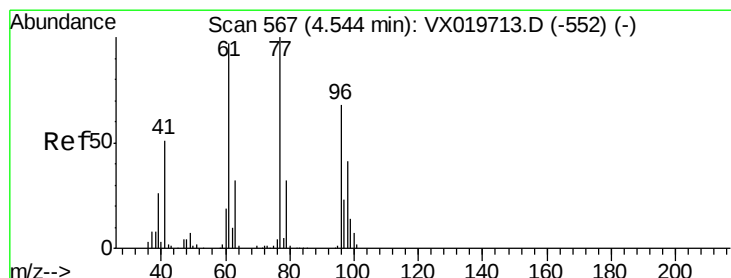
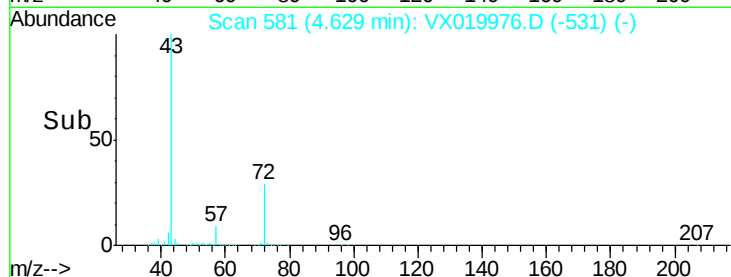
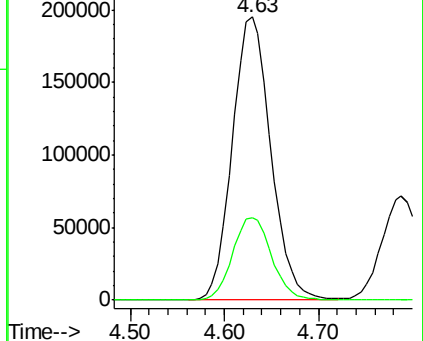
43 100

72 28.8 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.373 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019976.D

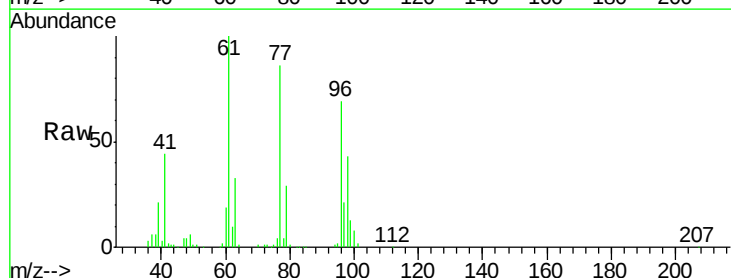
Acq: 14 Dec 2020 10:51

Tgt Ion: 77 Resp: 224698

Ion Ratio Lower Upper

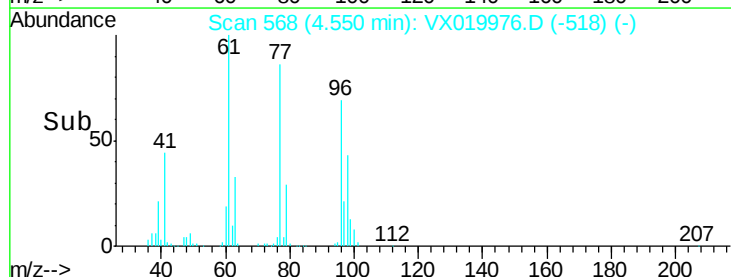
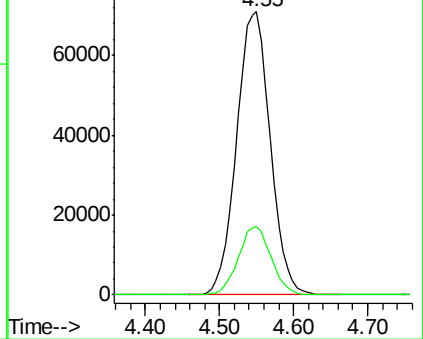
77 100

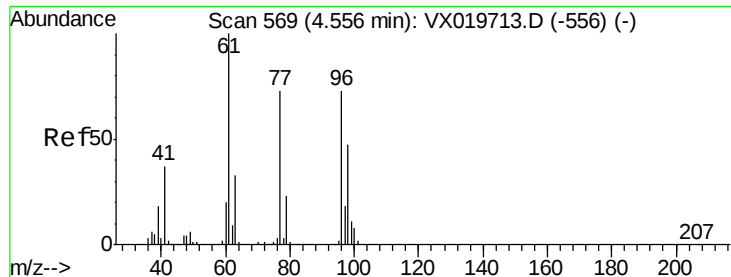
97 23.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



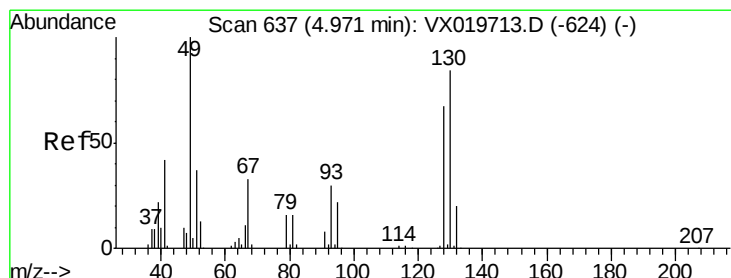
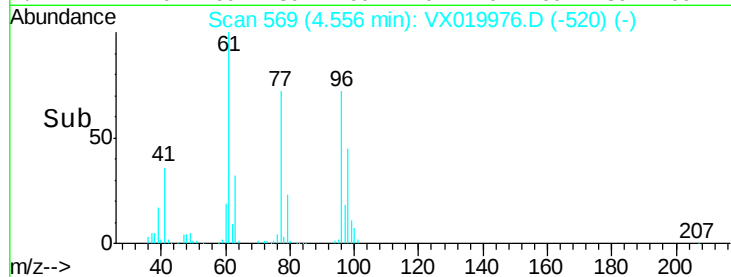
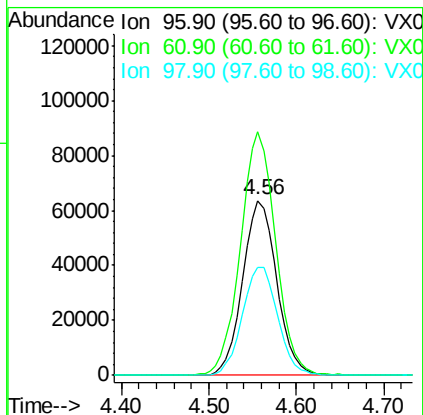
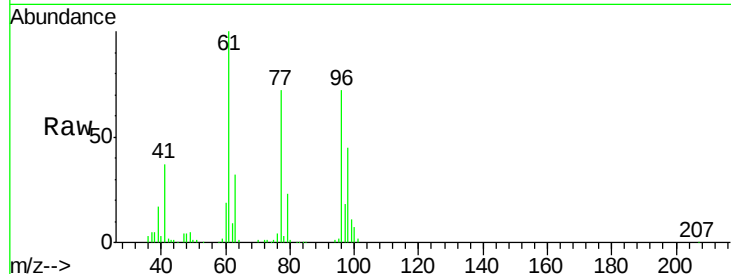


#27

cis-1,2-Dichloroethene
Concen: 50.463 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

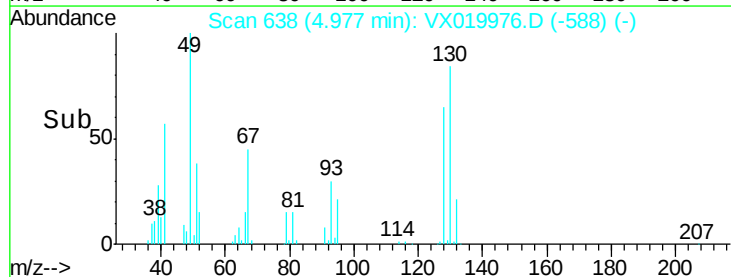
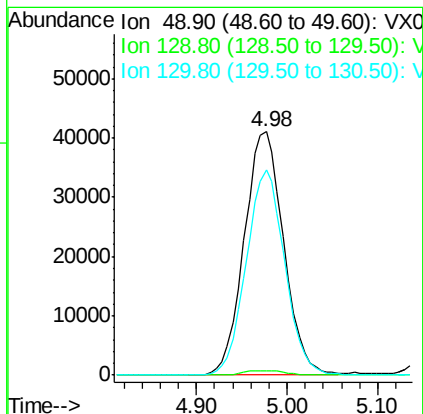
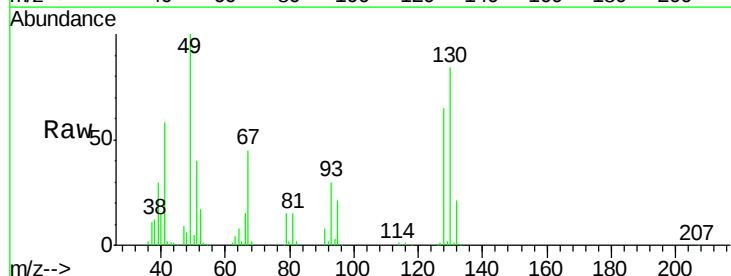
Tgt Ion: 96 Resp: 173188
Ion Ratio Lower Upper
96 100
61 144.0 0.0 285.6
98 64.3 0.0 129.6

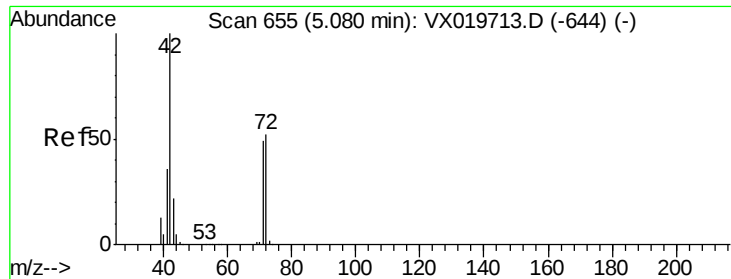


#28

Bromochloromethane
Concen: 50.023 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 49 Resp: 123520
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 82.7 68.2 102.2

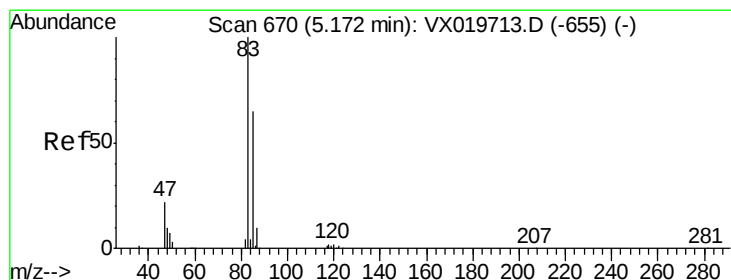
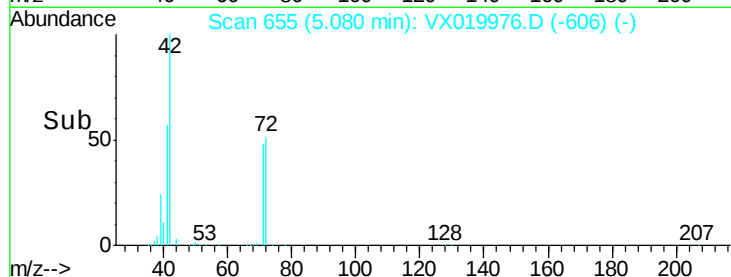
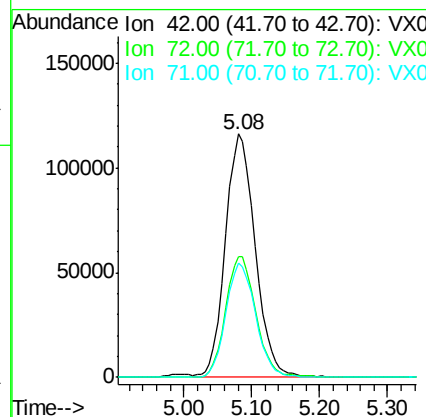
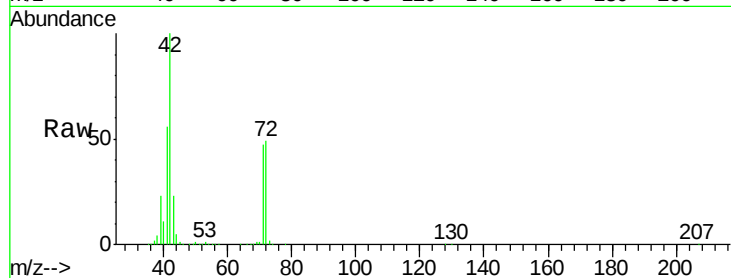




#29
Tetrahydrofuran
Concen: 261.966 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

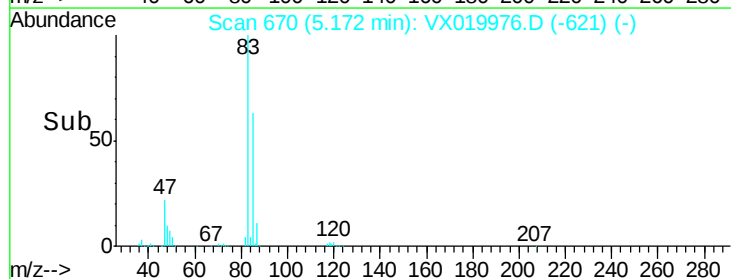
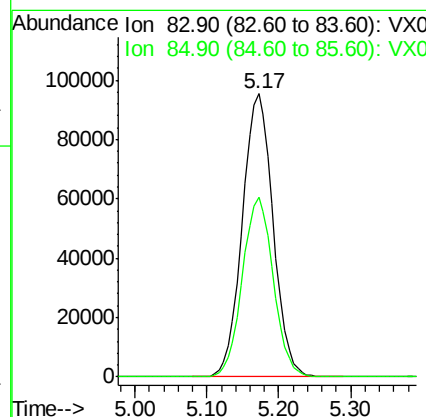
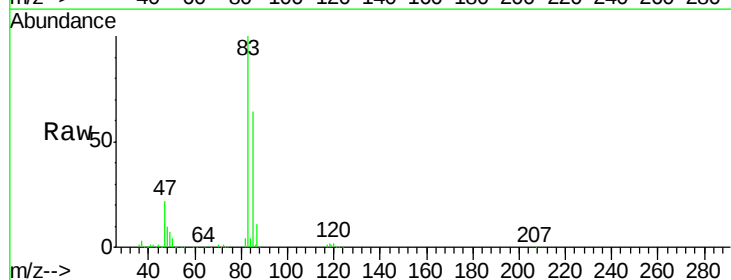
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

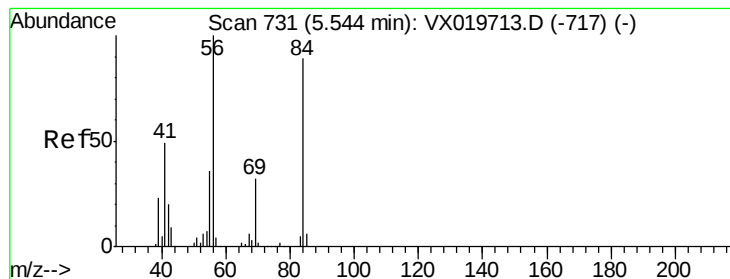
Tgt Ion: 42 Resp: 351756
Ion Ratio Lower Upper
42 100
72 50.8 41.7 62.5
71 47.1 38.4 57.6



#30
Chloroform
Concen: 53.033 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 83 Resp: 282458
Ion Ratio Lower Upper
83 100
85 63.6 52.0 78.0





#31

Cyclohexane

Concen: 50.253 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

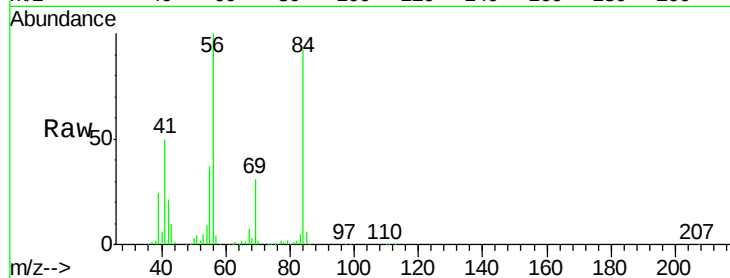
Tgt Ion: 56 Resp: 225560

Ion Ratio Lower Upper

56 100

69 31.1 25.3 37.9

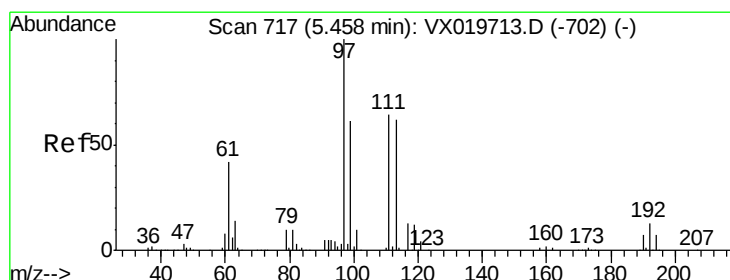
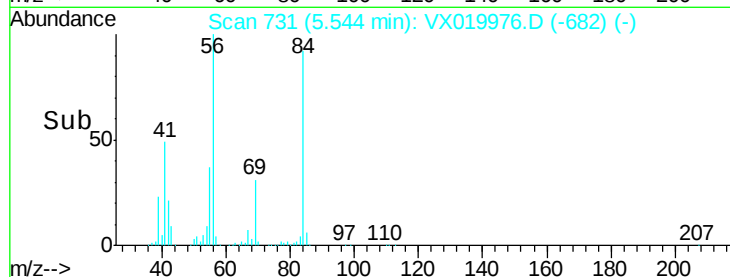
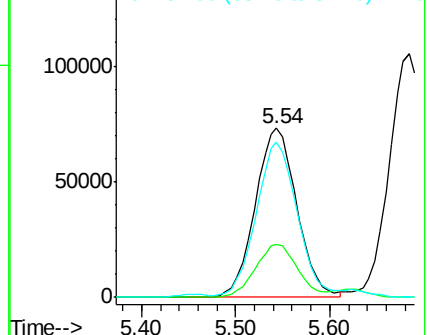
84 90.2 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.062 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

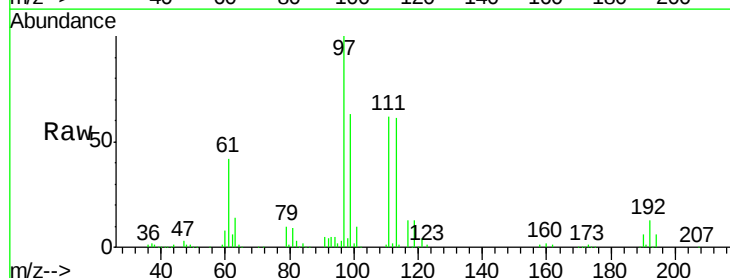
Tgt Ion: 97 Resp: 238788

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

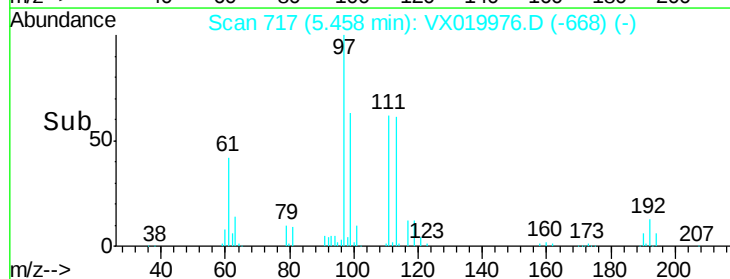
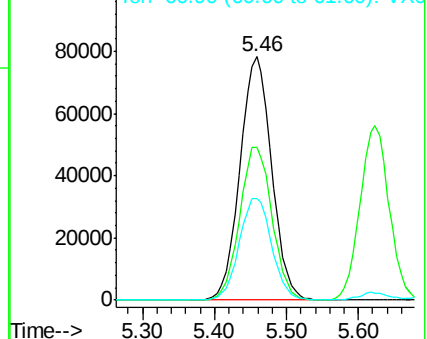
61 43.1 34.2 51.4

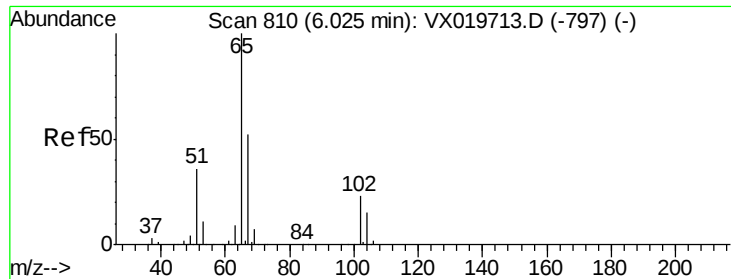


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

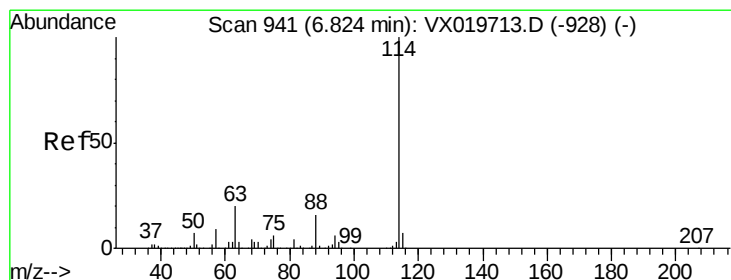
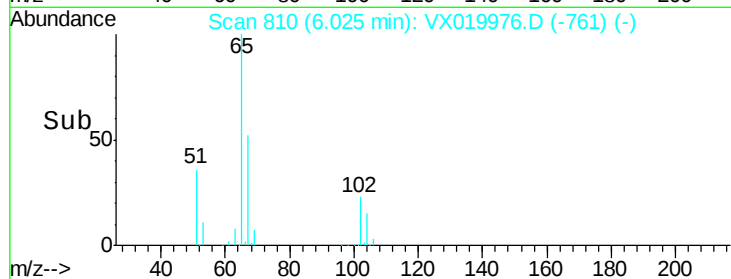
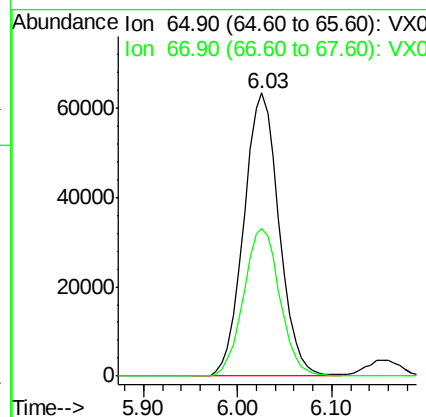
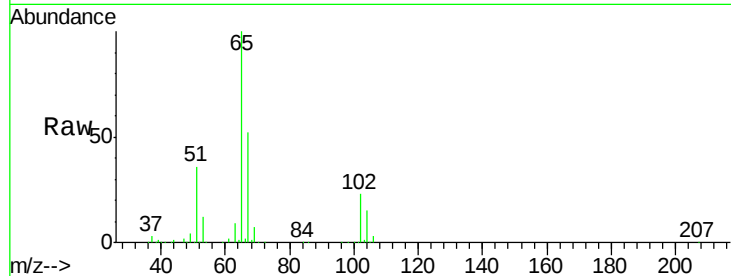




#33
 1,2-Dichloroethane-d4
 Concen: 46.103 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

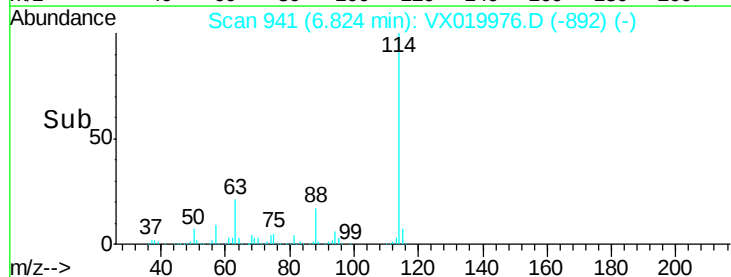
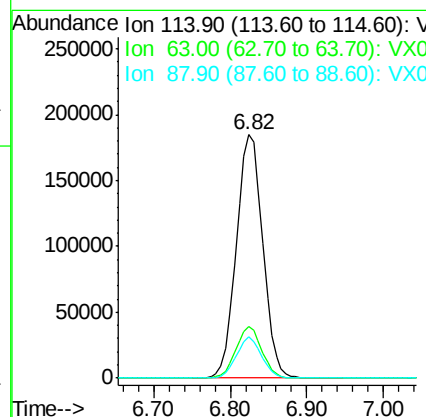
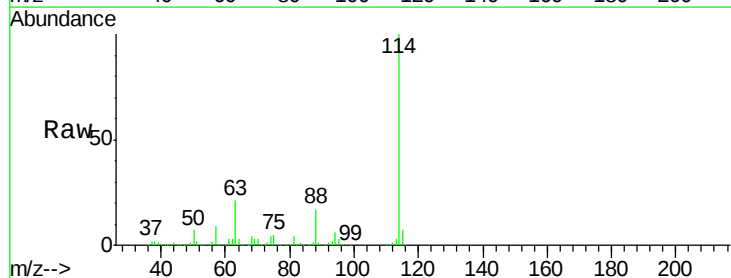
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

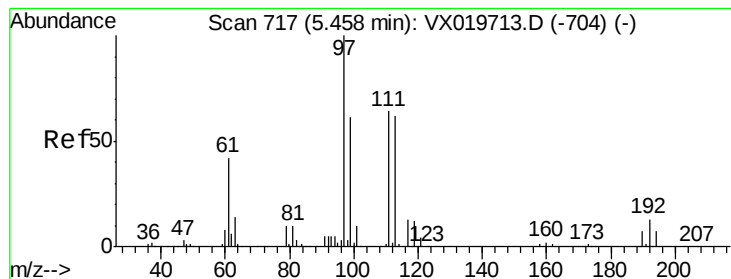
Tgt Ion: 65 Resp: 166356
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 114 Resp: 441030
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.690 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

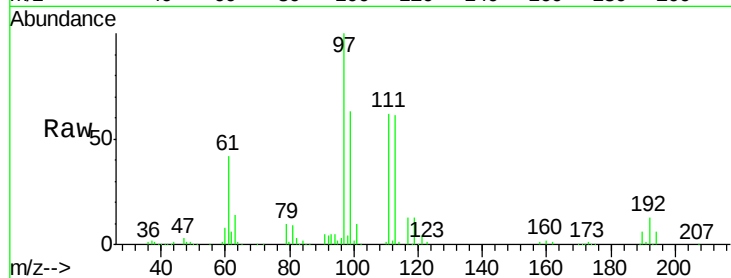
Tgt Ion:113 Resp: 135931

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

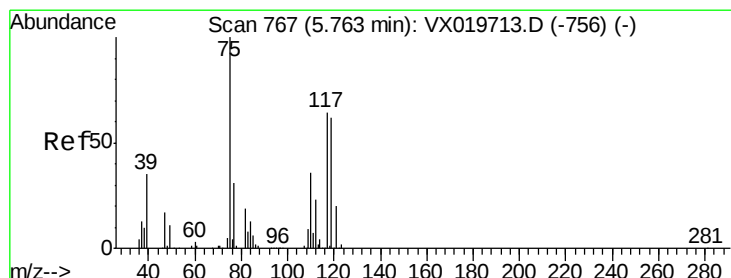
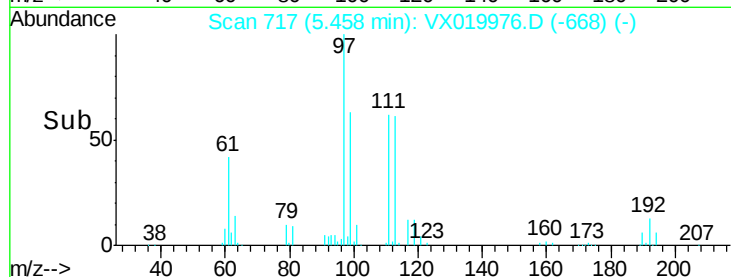
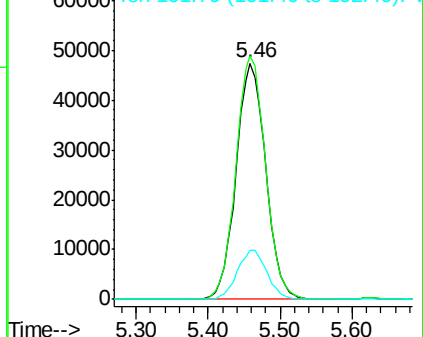
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.102 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

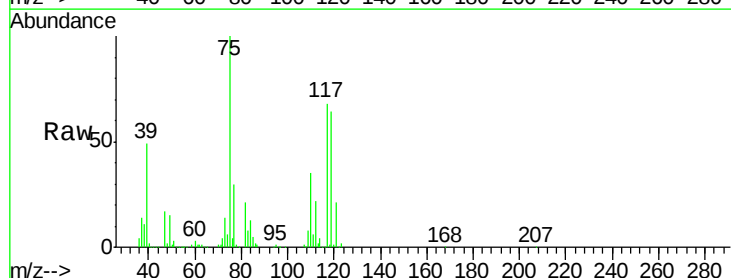
Tgt Ion: 75 Resp: 203655

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.4

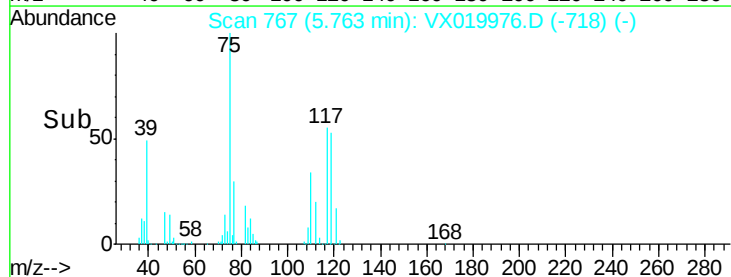
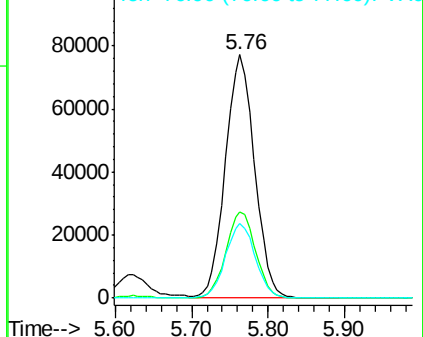
77 31.1 25.3 37.9

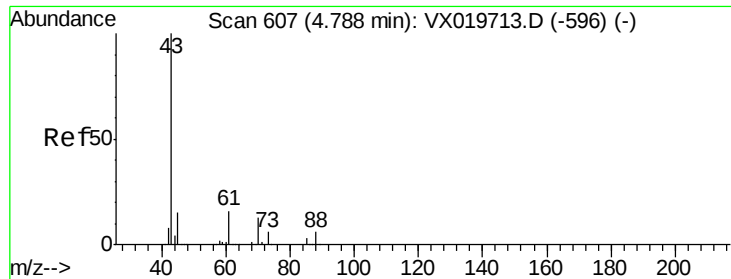


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.557 ug/l

RT: 4.79 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

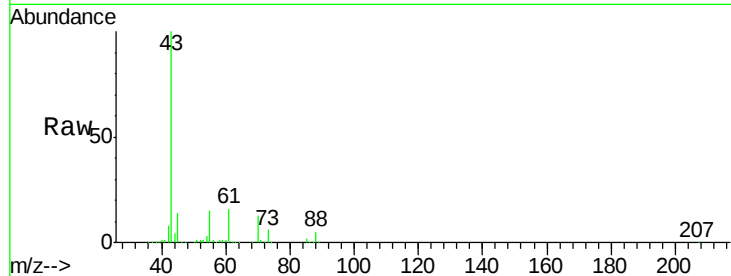
Tgt Ion: 43 Resp: 211480

Ion Ratio Lower Upper

43 100

61 15.8 12.8 19.2

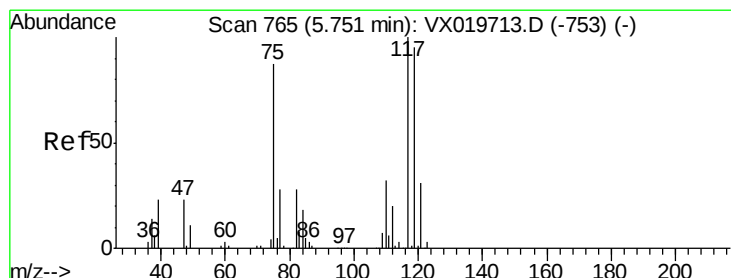
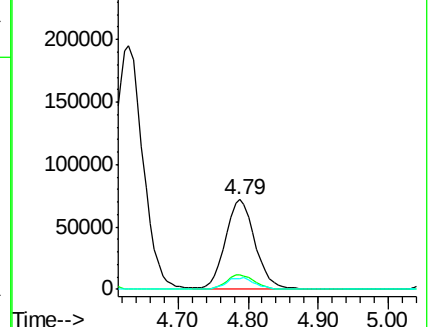
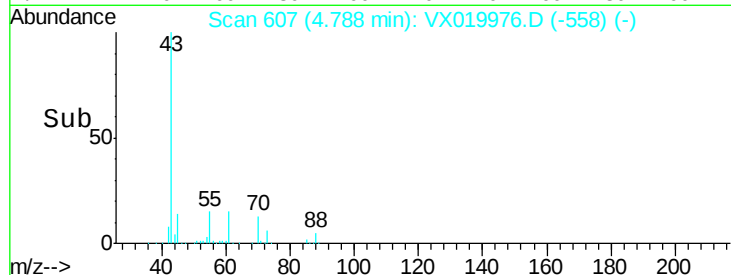
70 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX019976.D (-558) (-)

Ion 60.90 (60.60 to 61.60): VX019976.D (-558) (-)

Ion 70.00 (69.70 to 70.70): VX019976.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 52.227 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

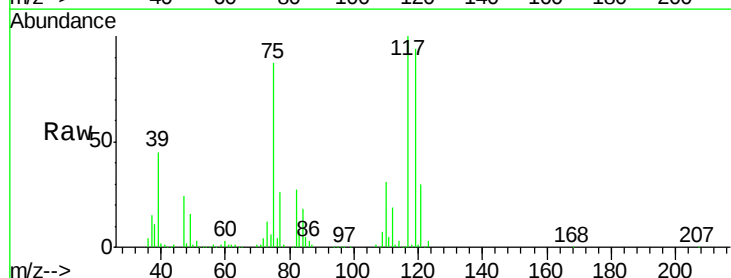
Tgt Ion: 117 Resp: 203824

Ion Ratio Lower Upper

117 100

119 94.6 76.2 114.2

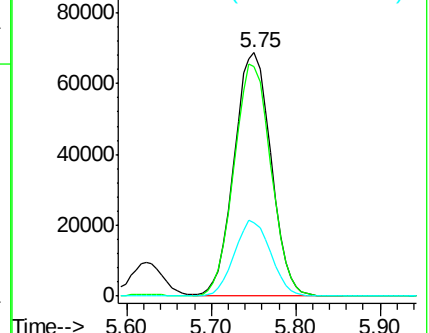
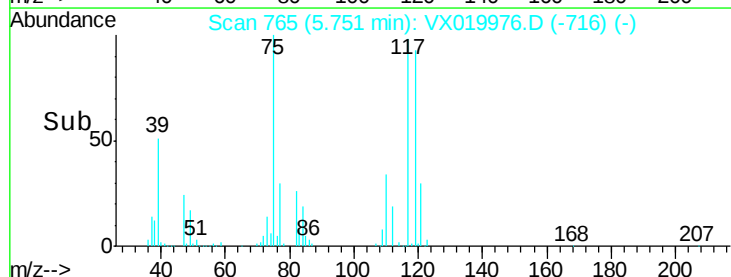
121 30.4 24.8 37.2

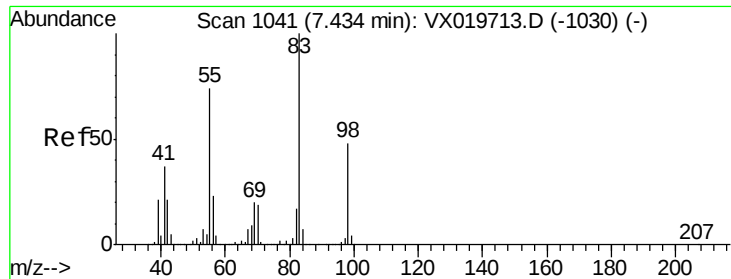


Abundance Ion 116.80 (116.50 to 117.50): VX019976.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX019976.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX019976.D (-716) (-)

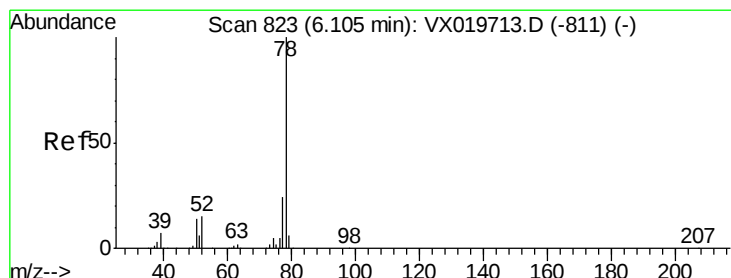
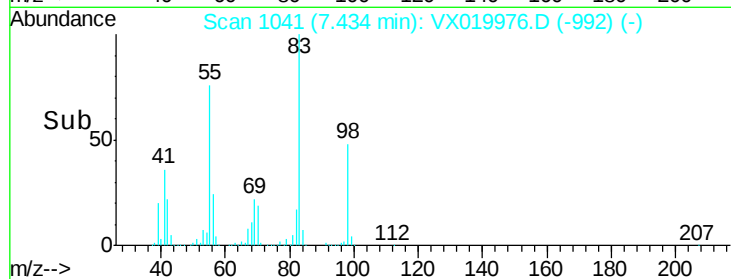
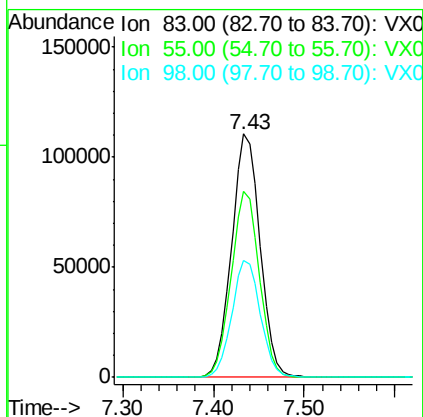
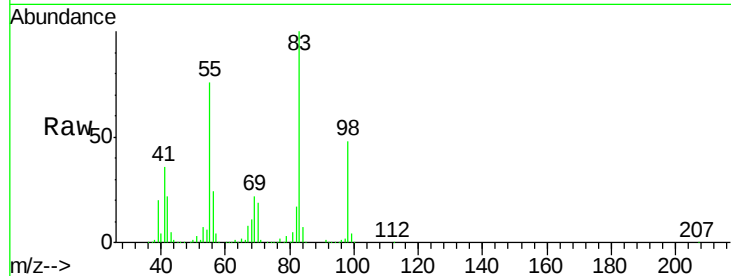




#39
Methylcyclohexane
Concen: 51.344 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

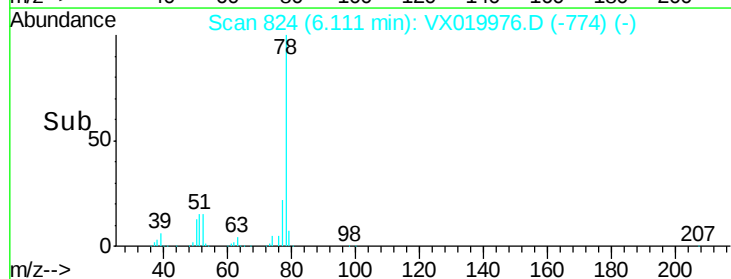
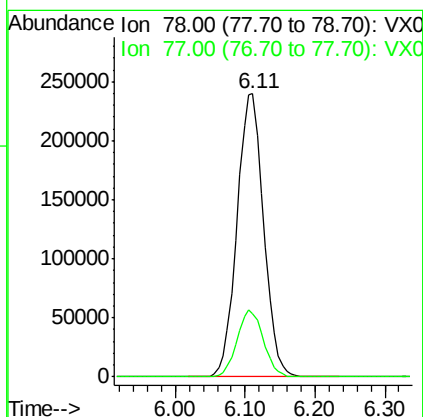
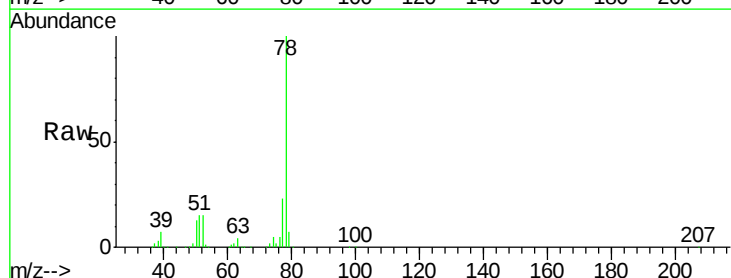
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

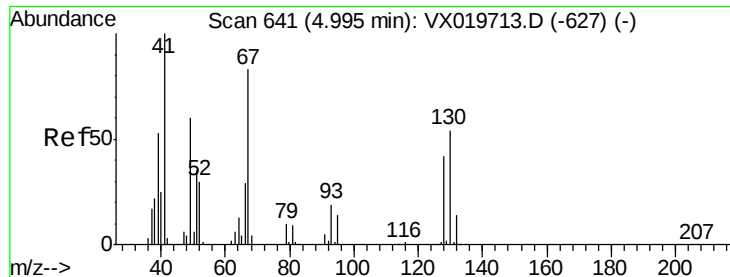
Tgt Ion: 83 Resp: 240403
Ion Ratio Lower Upper
83 100
55 76.4 58.9 88.3
98 48.1 38.1 57.1



#40
Benzene
Concen: 51.934 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 78 Resp: 632236
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3





#41

Methacrylonitrile

Concen: 53.332 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 117825

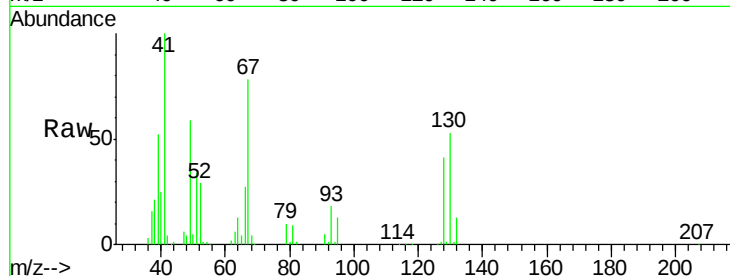
Ion Ratio Lower Upper

41 100

39 52.4 42.5 63.7

67 80.7 65.0 97.6

52 31.3 25.3 37.9

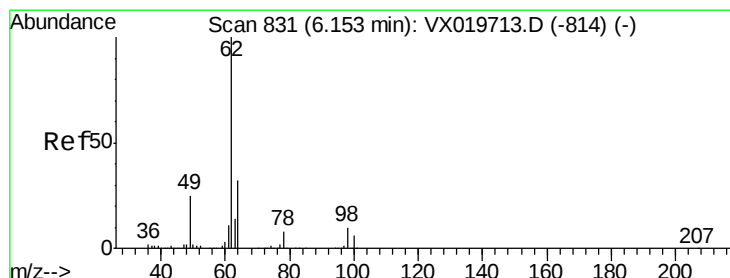
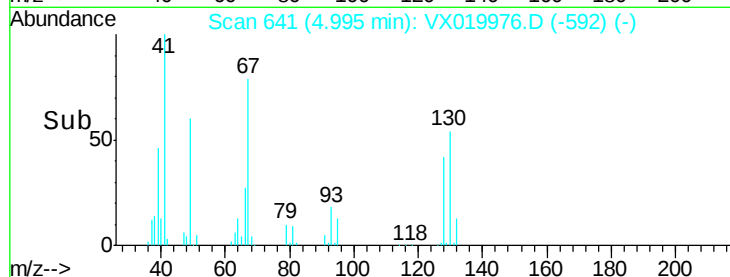
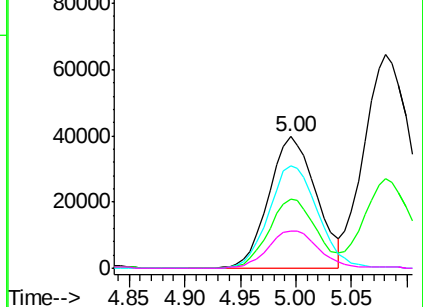


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.543 ug/l

RT: 6.15 min Scan# 831

Delta R.T. 0.00 min

Lab File: VX019976.D

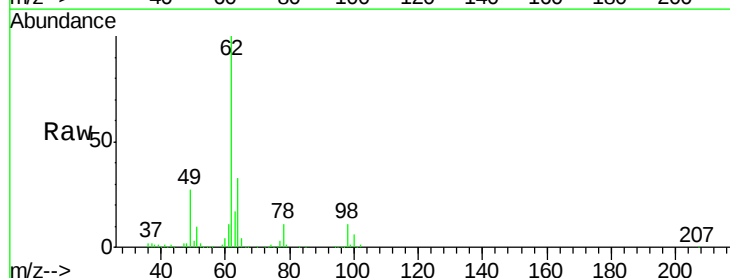
Acq: 14 Dec 2020 10:51

Tgt Ion: 62 Resp: 218550

Ion Ratio Lower Upper

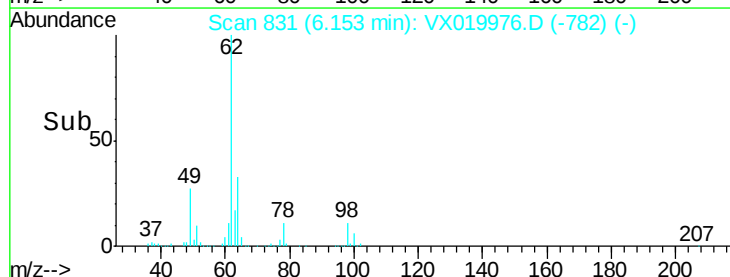
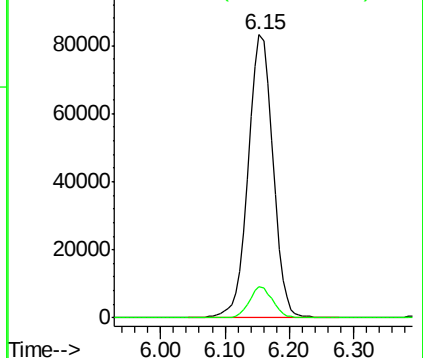
62 100

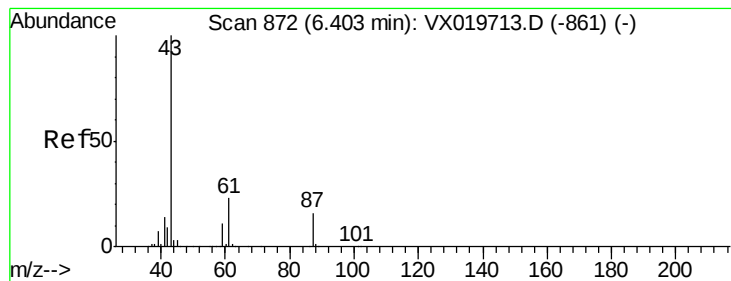
98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.793 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

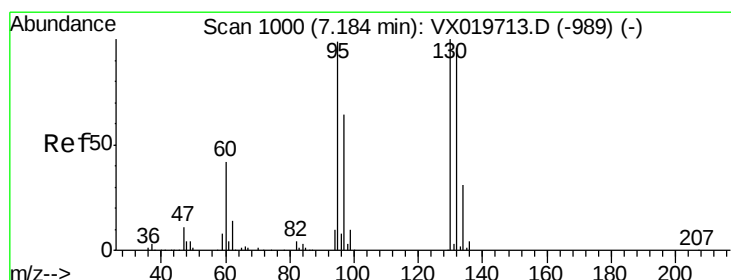
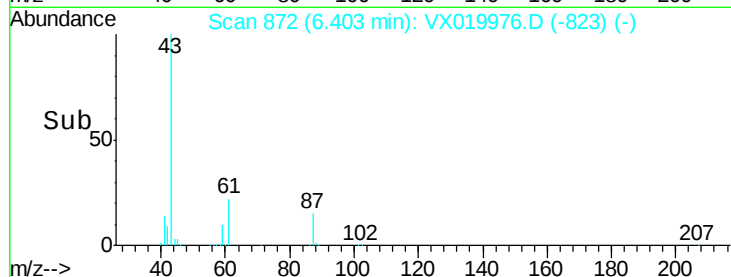
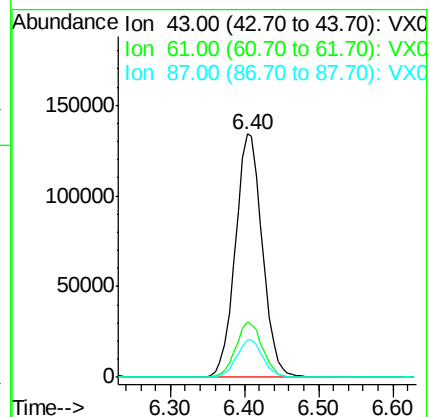
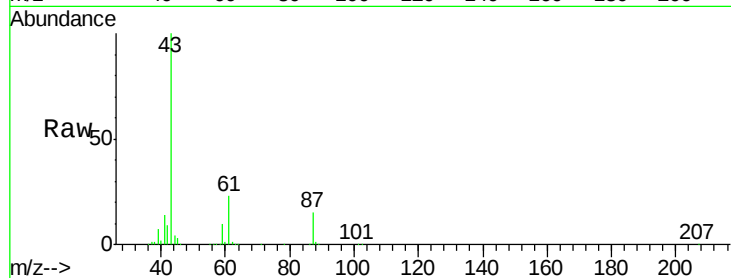
Tgt Ion: 43 Resp: 338824

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.4

87 15.2 12.5 18.7



#44

Trichloroethene

Concen: 50.799 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019976.D

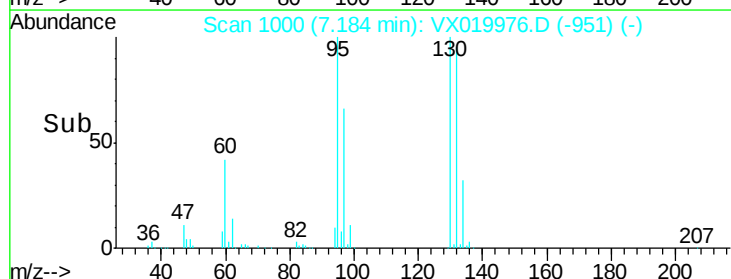
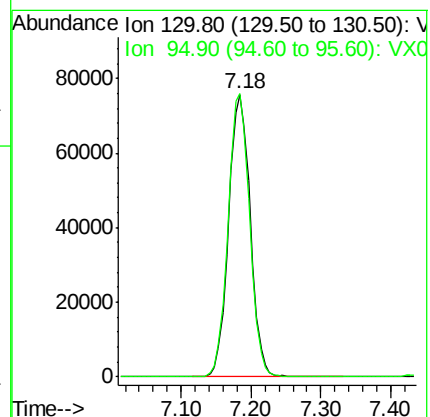
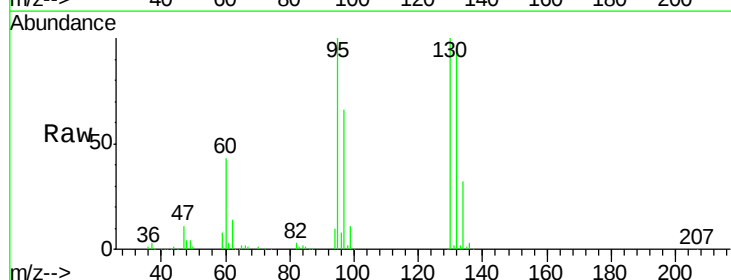
Acq: 14 Dec 2020 10:51

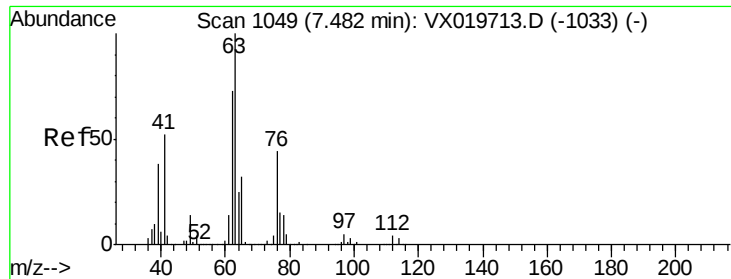
Tgt Ion: 130 Resp: 162259

Ion Ratio Lower Upper

130 100

95 100.3 0.0 198.0

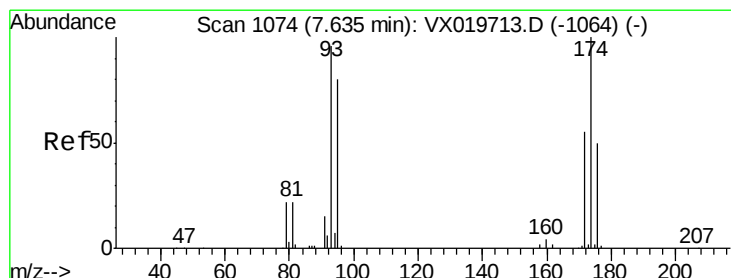
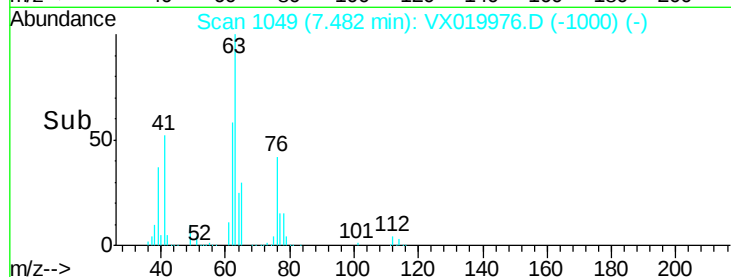
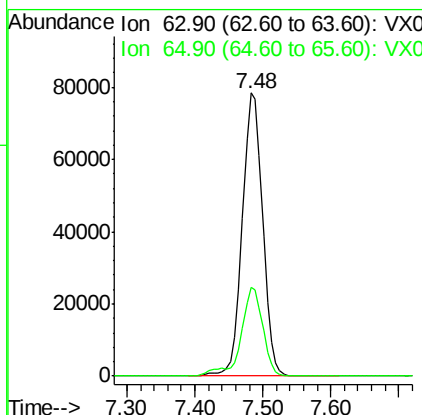
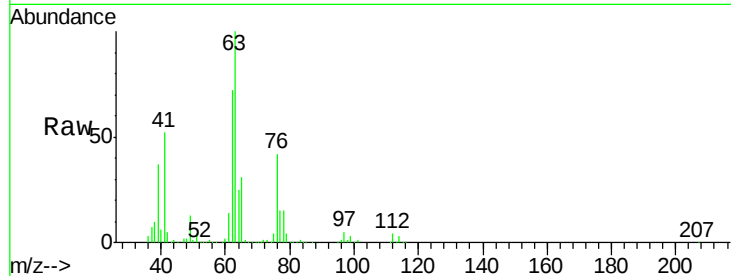




#45
 1,2-Dichloropropane
 Concen: 53.684 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

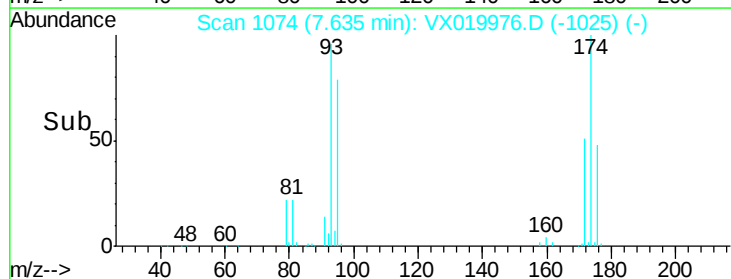
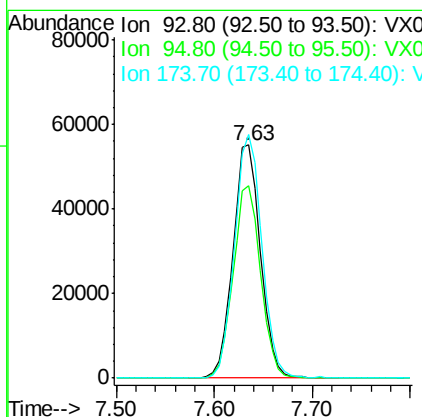
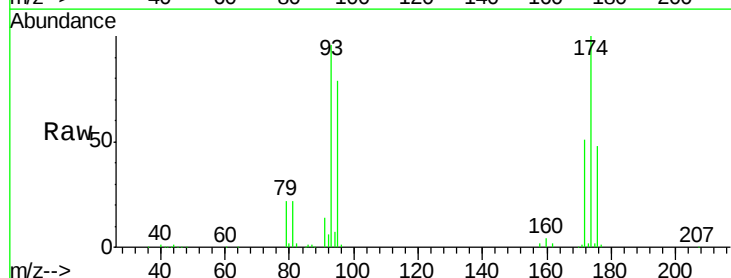
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

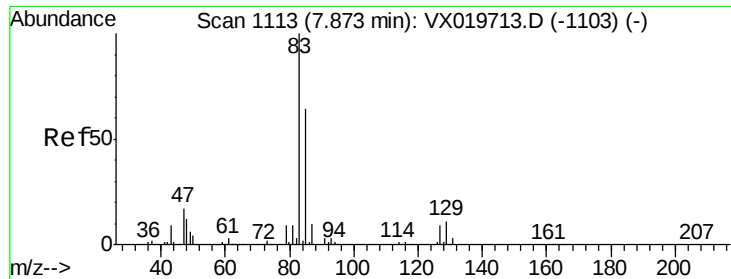
Tgt Ion: 63 Resp: 163338
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.7 38.5



#46
 Dibromomethane
 Concen: 52.406 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 93 Resp: 107678
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.8 100.2
 174 103.6 83.1 124.7

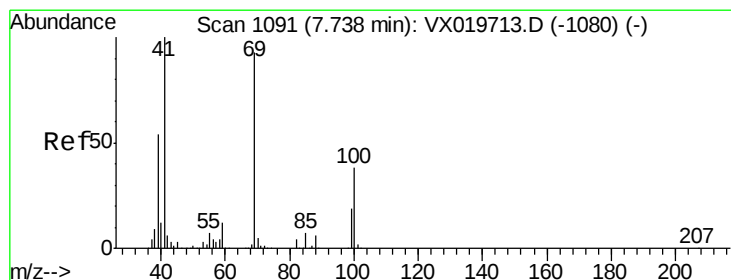
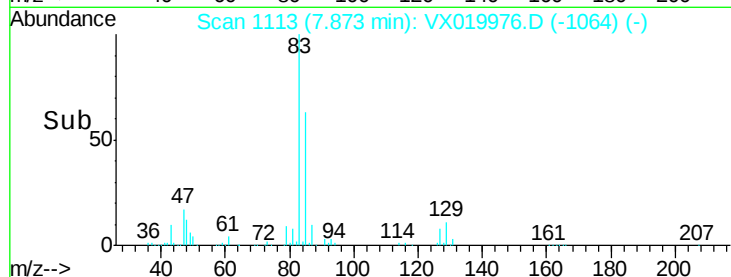
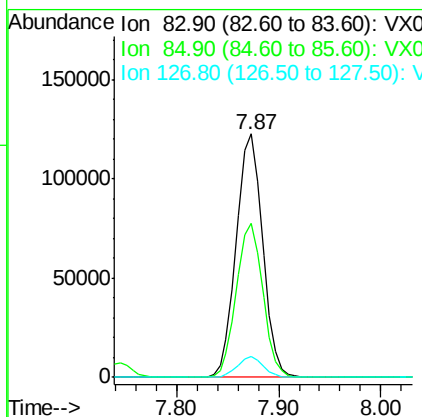
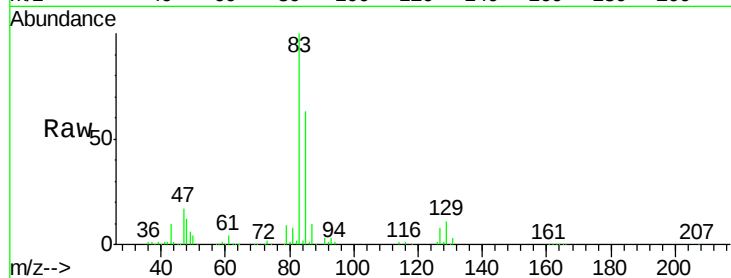




#47
Bromodichloromethane
Concen: 54.080 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

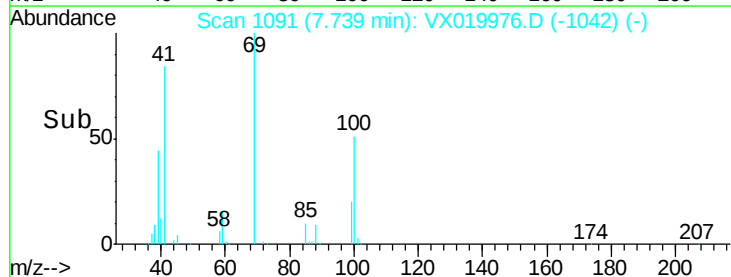
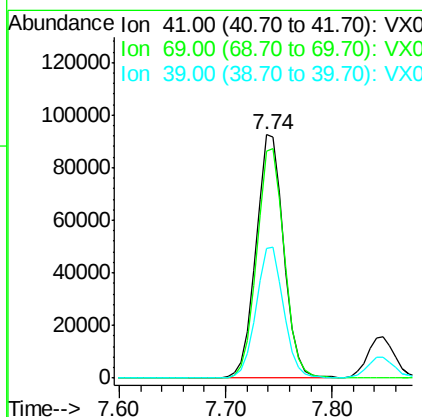
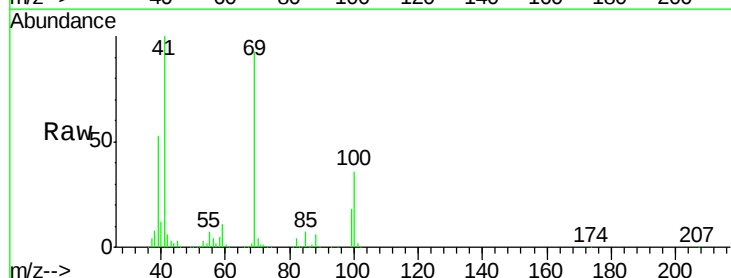
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

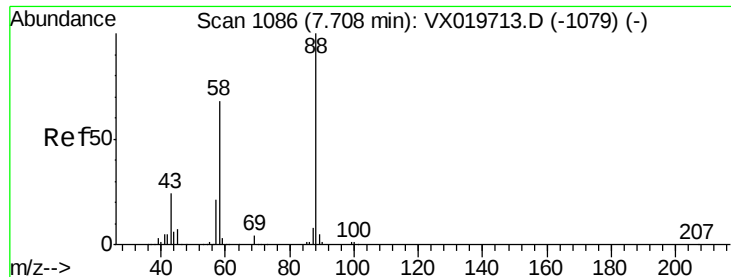
Tgt Ion: 83 Resp: 220495
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 52.558 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 41 Resp: 169099
Ion Ratio Lower Upper
41 100
69 93.9 76.0 114.0
39 53.6 44.6 67.0

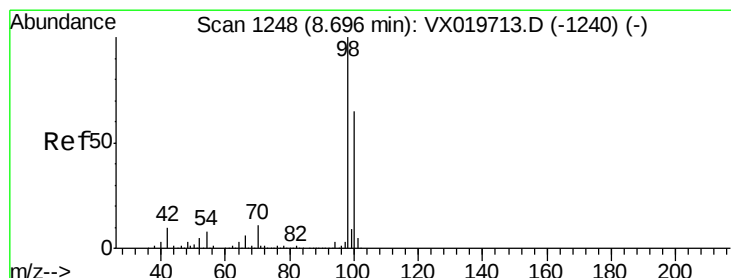
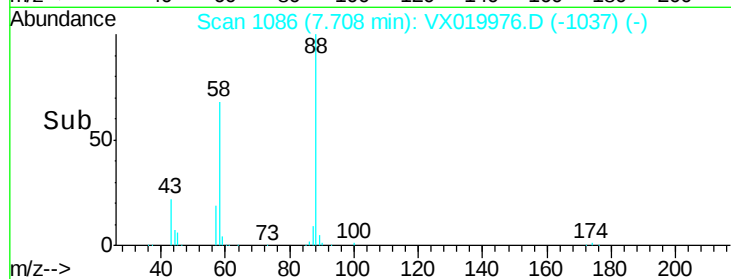
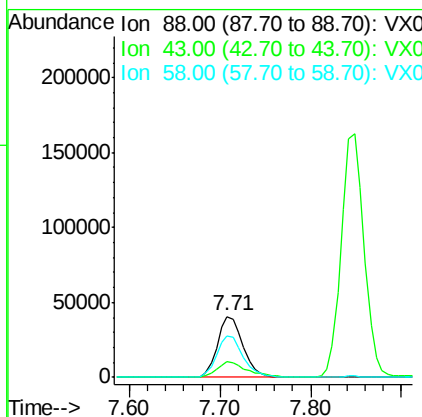
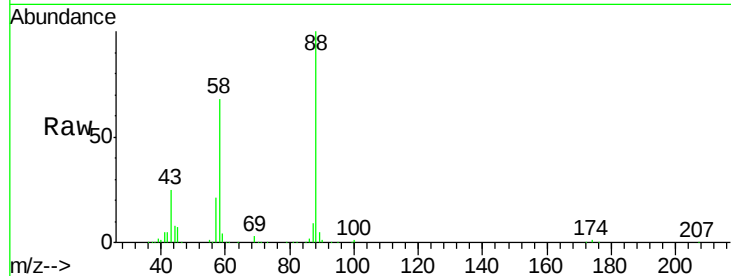




#49
1,4-Dioxane
Concen: 1027.636 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

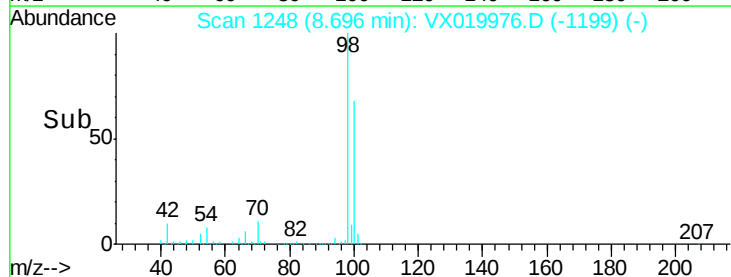
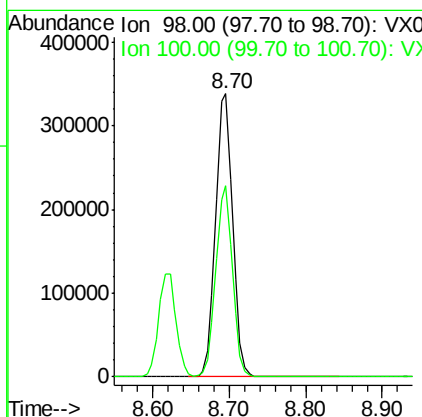
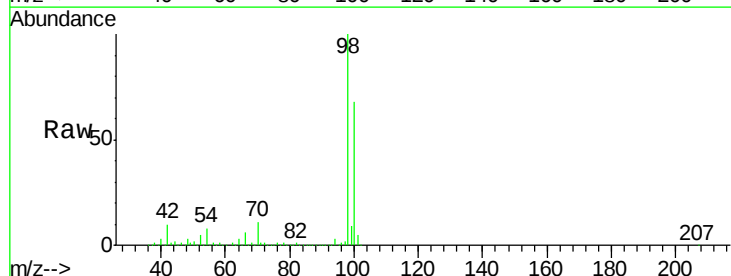
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

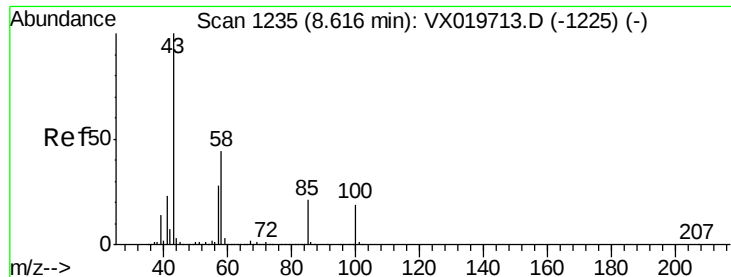
Tgt Ion: 88 Resp: 80094
Ion Ratio Lower Upper
88 100
43 29.3 23.2 34.8
58 70.7 55.0 82.4



#50
Toluene-d8
Concen: 47.907 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 98 Resp: 521307
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

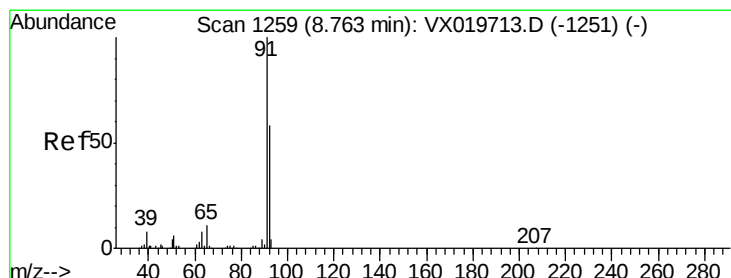
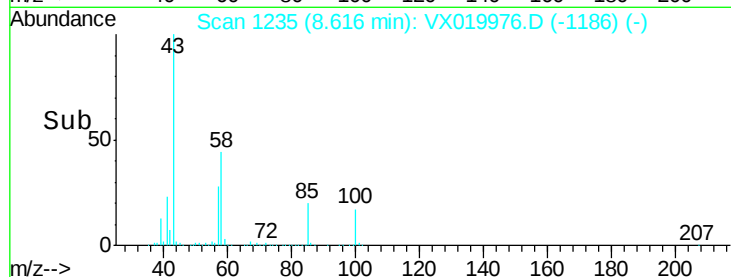
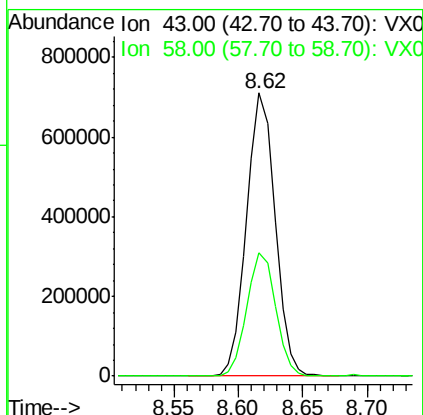
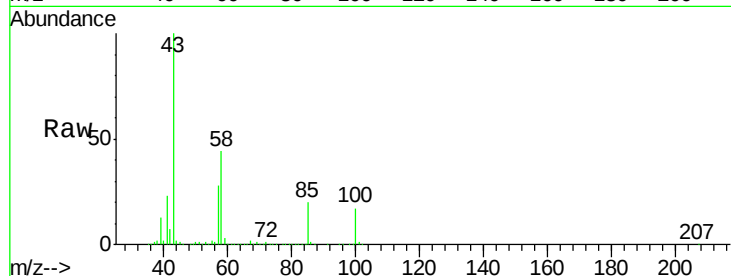




#51
 4-Methyl-2-Pentanone
 Concen: 273.344 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

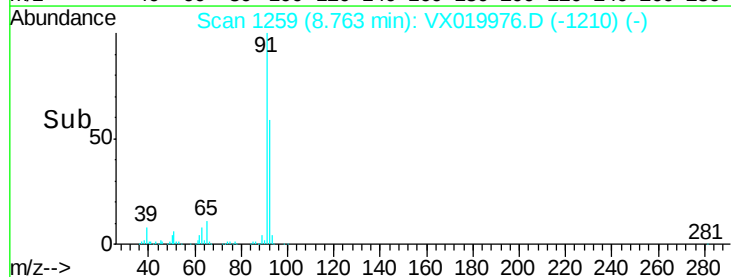
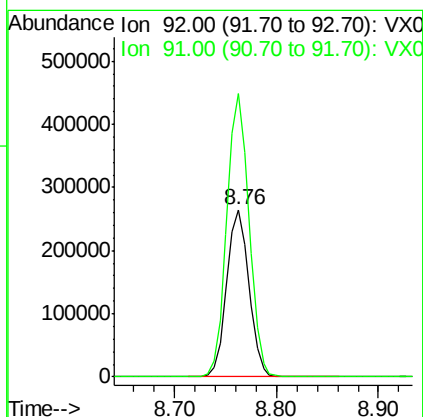
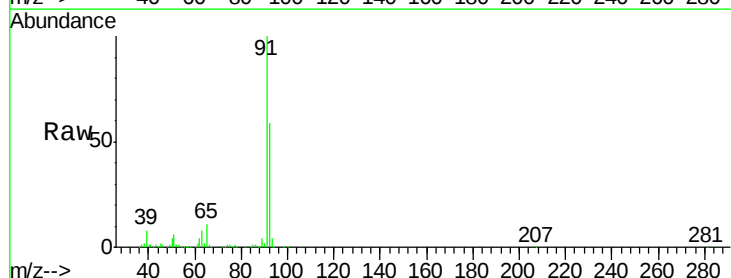
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

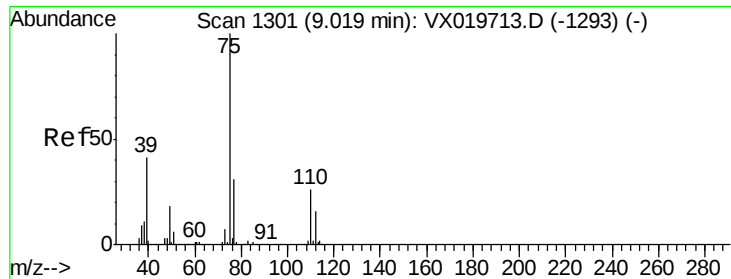
Tgt Ion: 43 Resp: 1091750
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.4 53.0



#52
 Toluene
 Concen: 52.169 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 92 Resp: 397218
 Ion Ratio Lower Upper
 92 100
 91 169.7 137.1 205.7

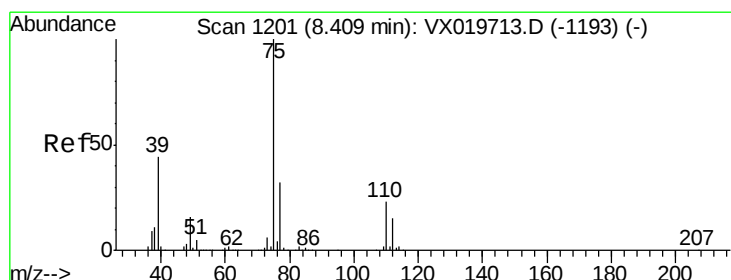
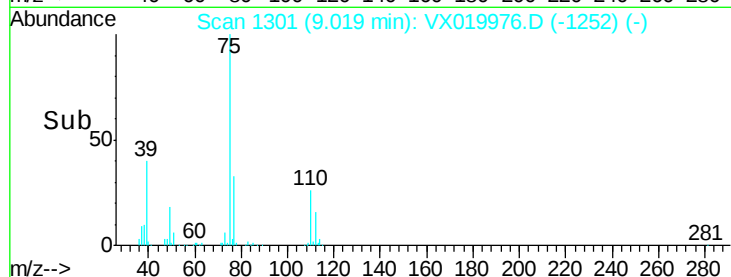
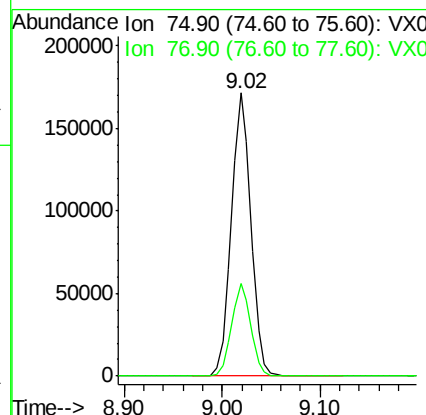
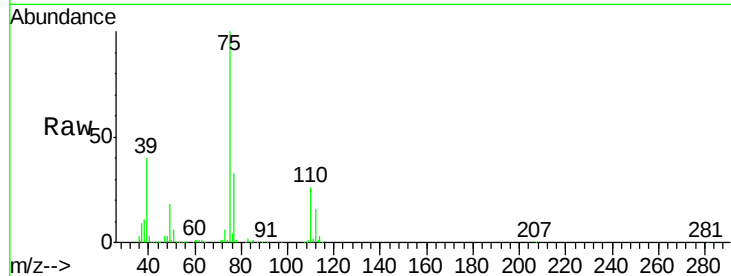




#53
 t-1,3-Dichloropropene
 Concen: 52.714 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

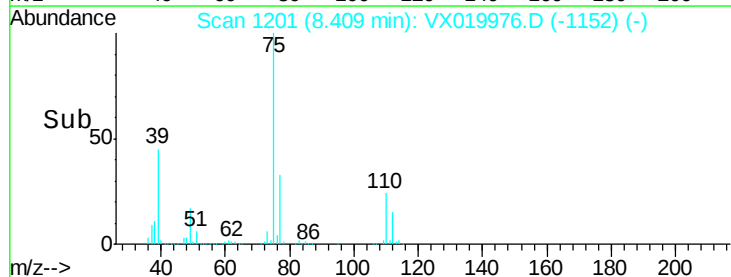
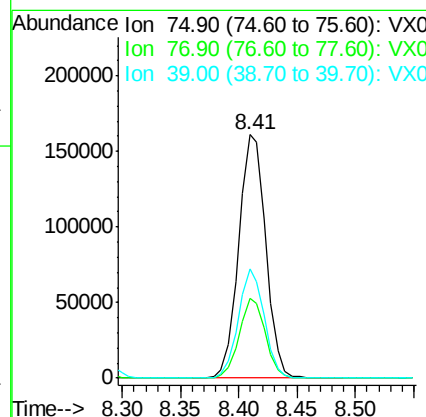
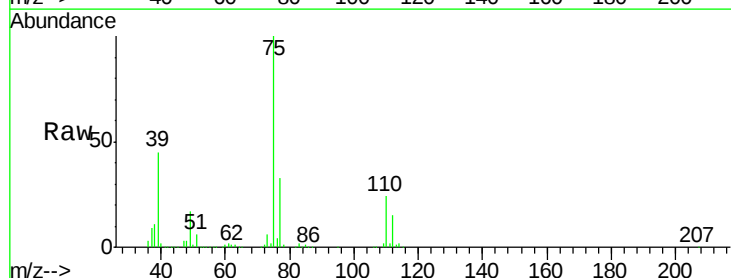
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

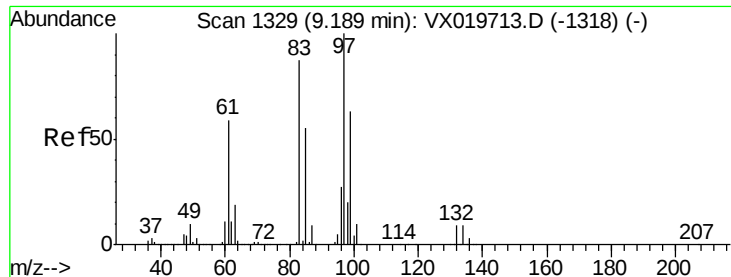
Tgt Ion: 75 Resp: 238501
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 53.157 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 75 Resp: 261287
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5
 39 44.8 35.1 52.7

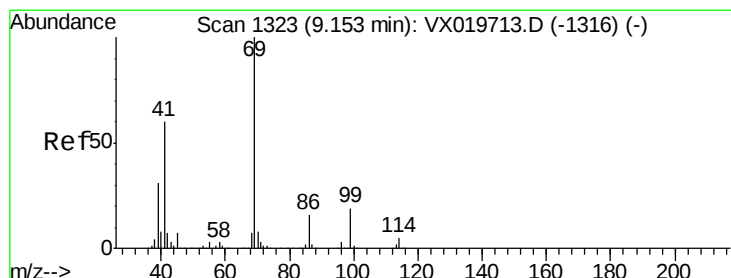
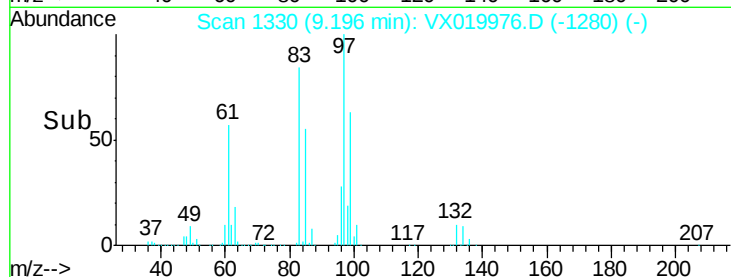
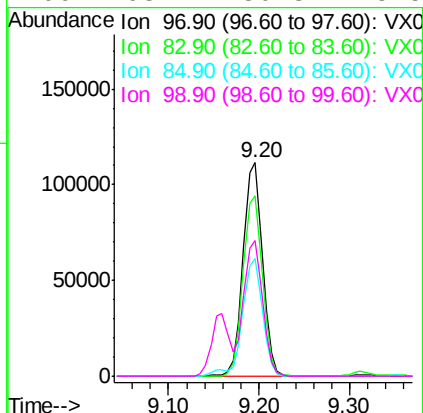
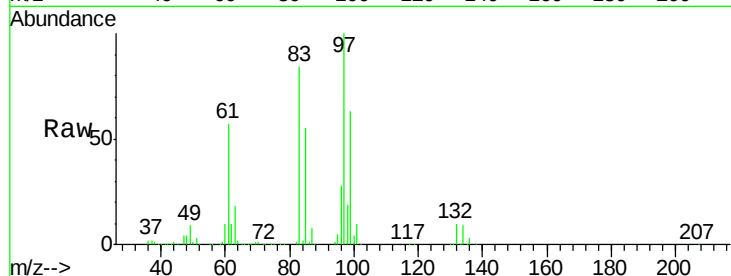




#55
 1,1,2-Trichloroethane
 Concen: 54.241 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

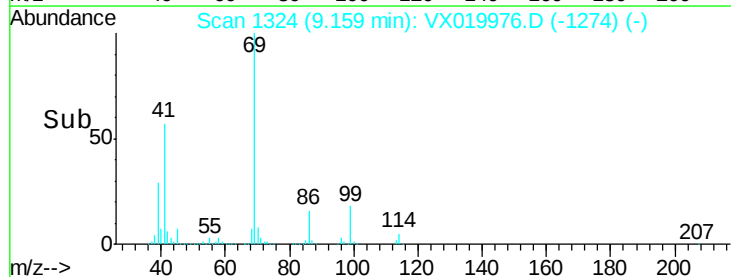
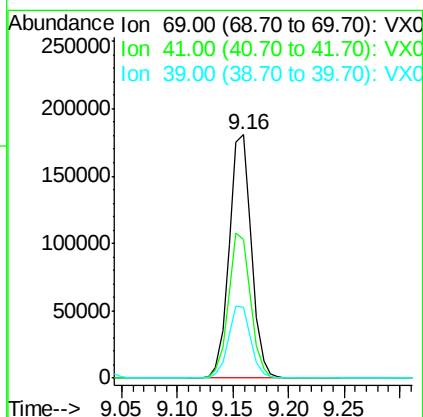
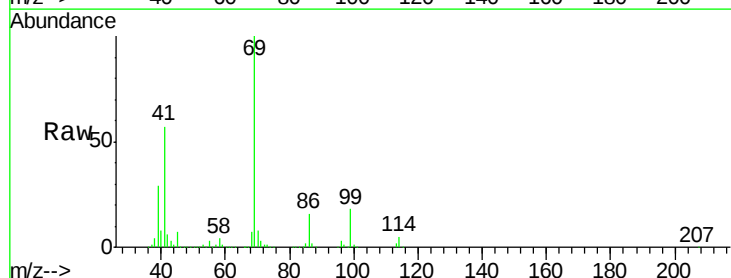
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

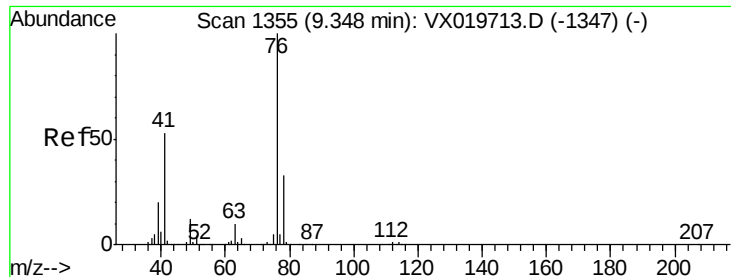
Tgt Ion:	97	Resp:	166432
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.3	103.9
85	55.1	44.3	66.5
99	63.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 53.497 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion:	69	Resp:	248350
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.8	70.2
39	29.8	24.7	37.1





#57

1,3-Dichloropropane

Concen: 53.168 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

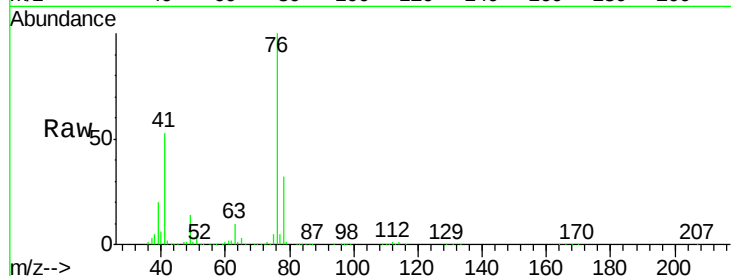
VSTDCCC050

Tgt Ion: 76 Resp: 278563

Ion Ratio Lower Upper

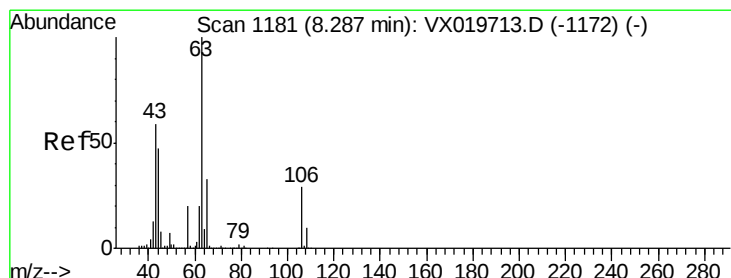
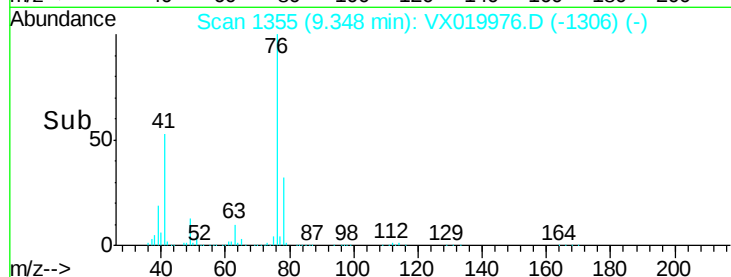
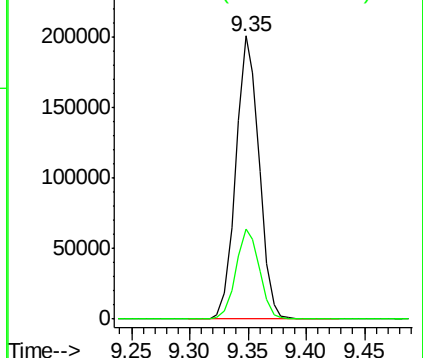
76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 275.989 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019976.D

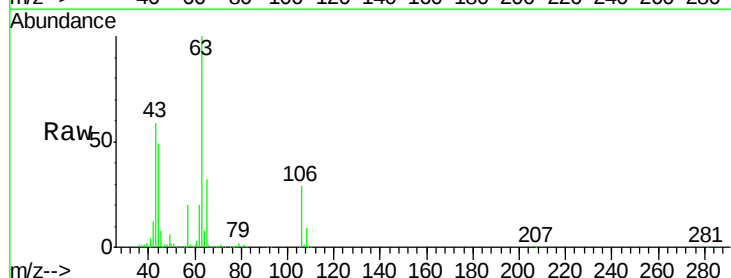
Acq: 14 Dec 2020 10:51

Tgt Ion: 63 Resp: 678743

Ion Ratio Lower Upper

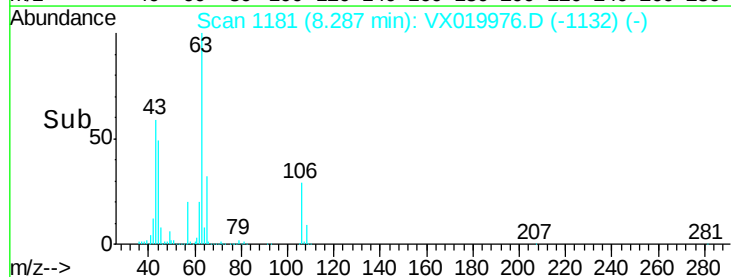
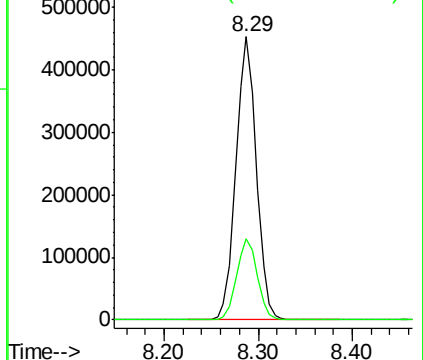
63 100

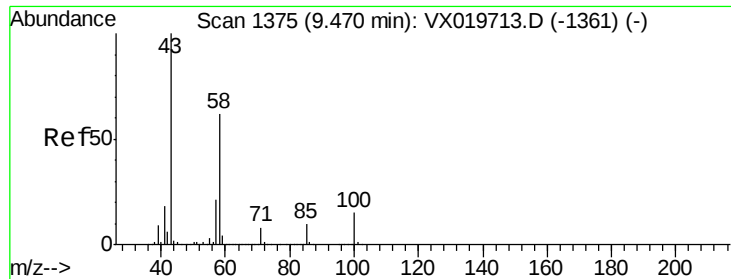
106 28.9 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

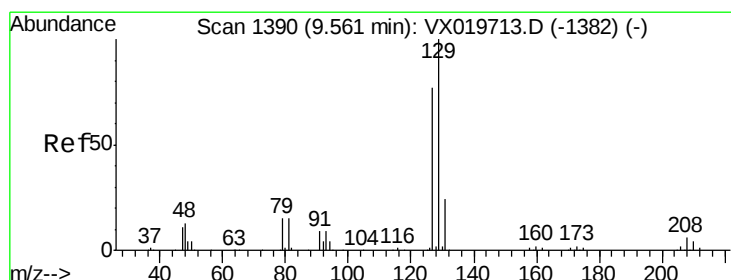
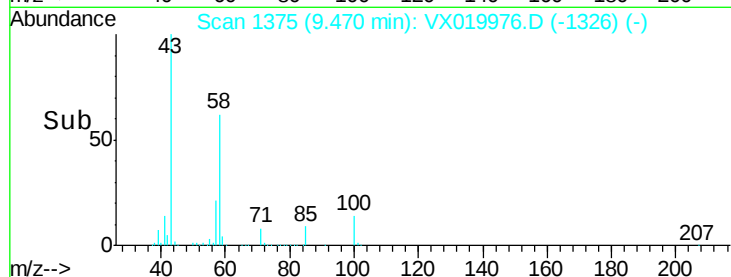
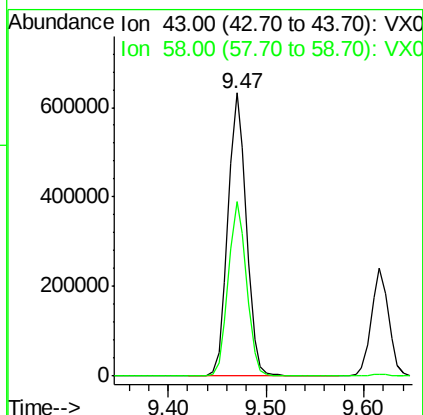
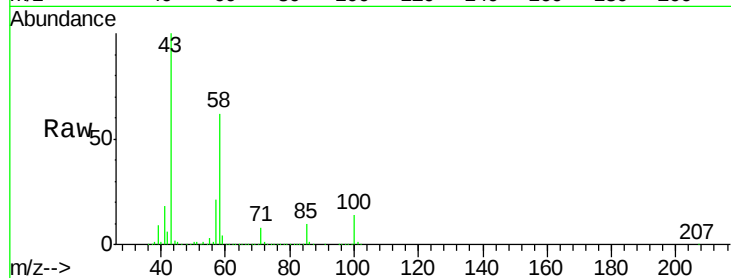




#59
2-Hexanone
Concen: 267.521 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

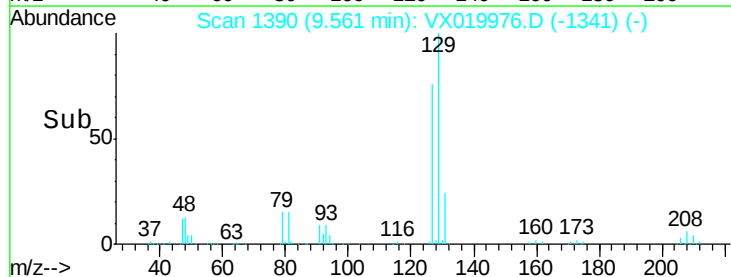
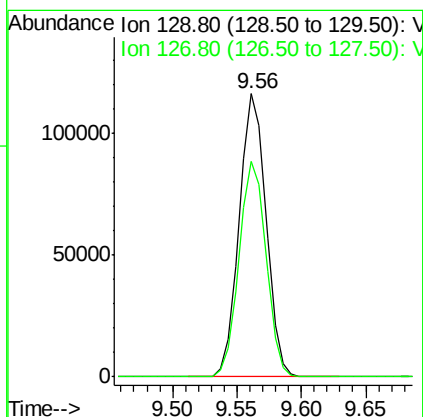
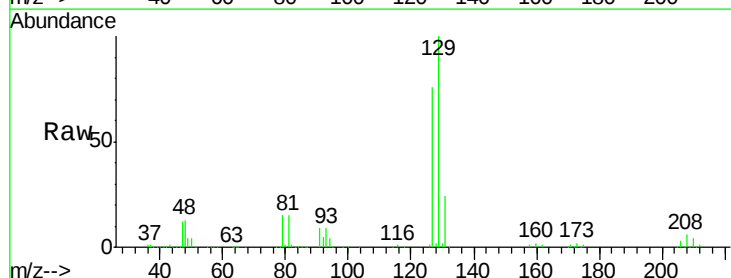
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

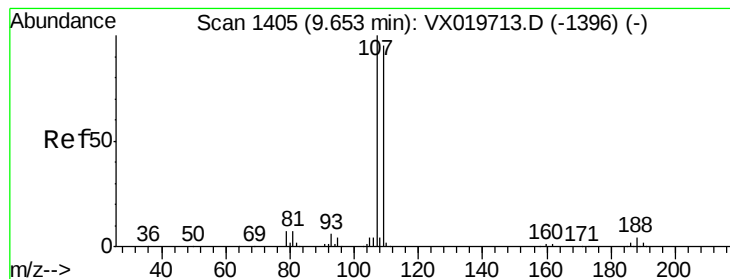
Tgt Ion: 43 Resp: 828223
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.8



#60
Dibromochloromethane
Concen: 53.817 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 129 Resp: 167771
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 52.063 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

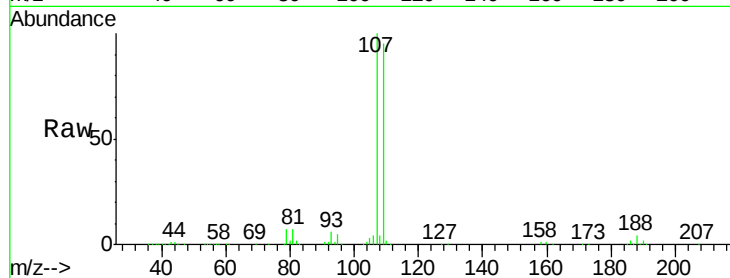
VSTDCCC050

Tgt Ion: 107 Resp: 169631

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

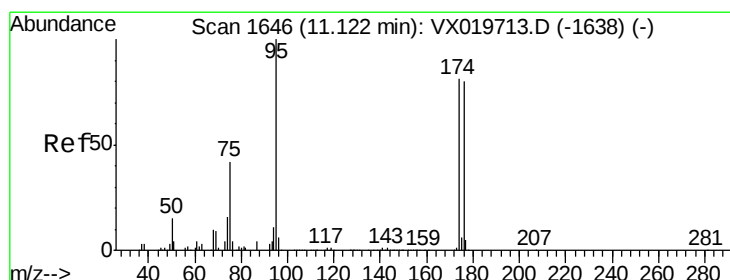
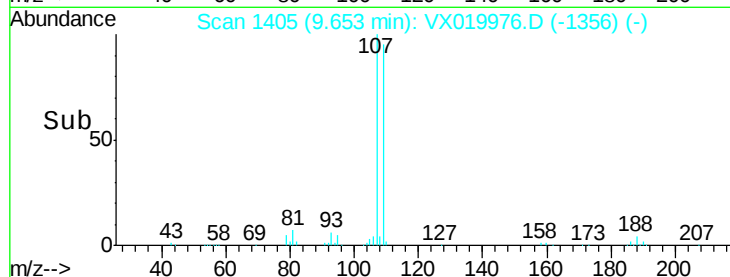
9.65

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.421 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

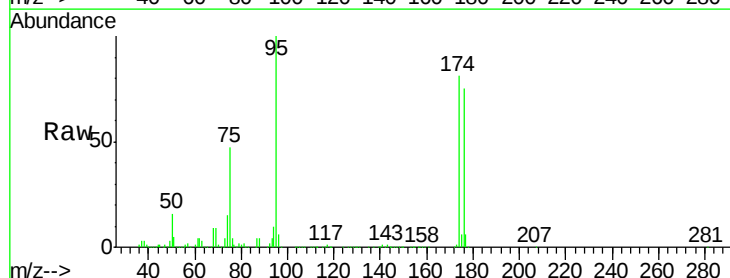
Tgt Ion: 95 Resp: 200549

Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.6

176 74.4 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

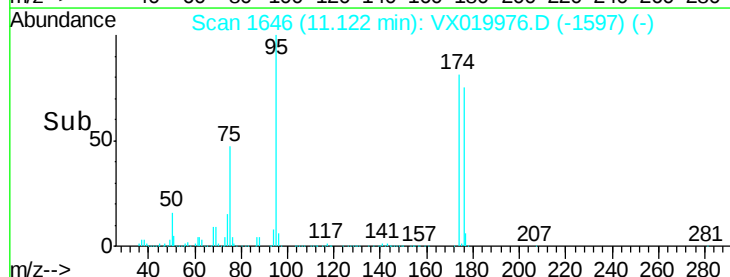
150000

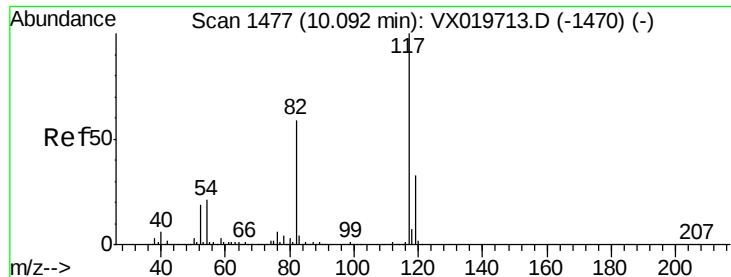
100000

50000

0

Time--> 11.10 11.20

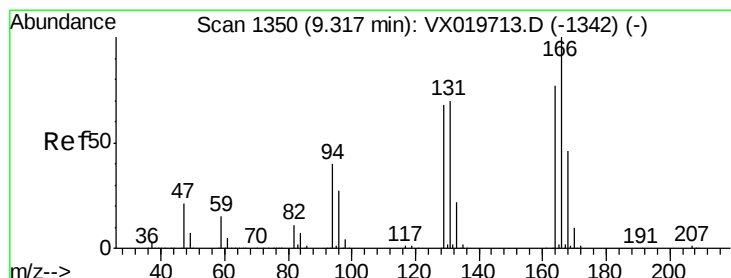
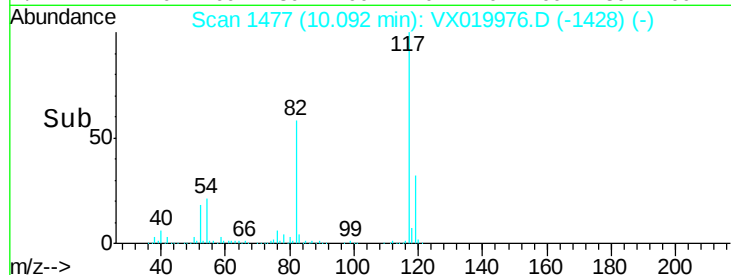
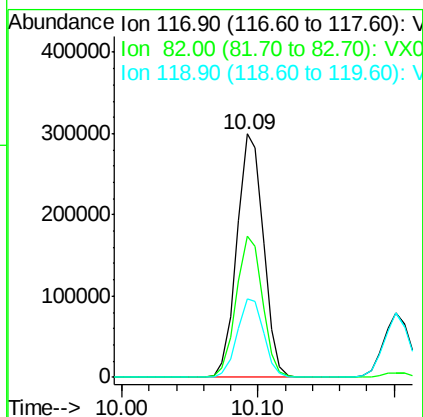
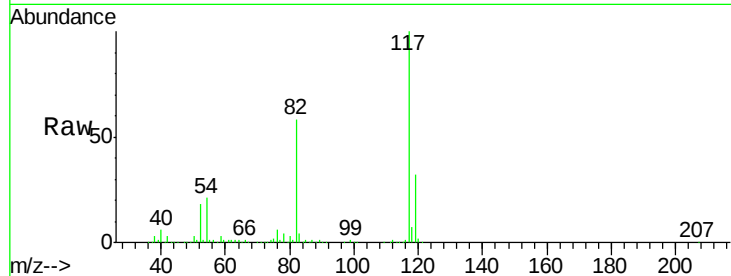




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

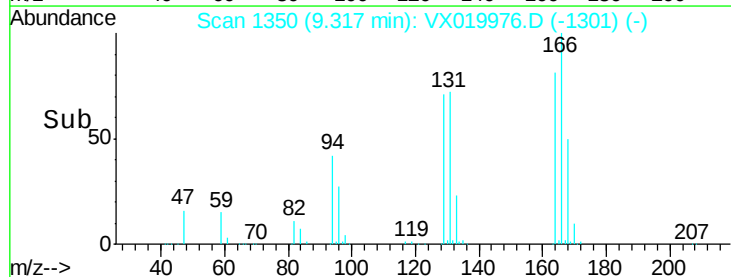
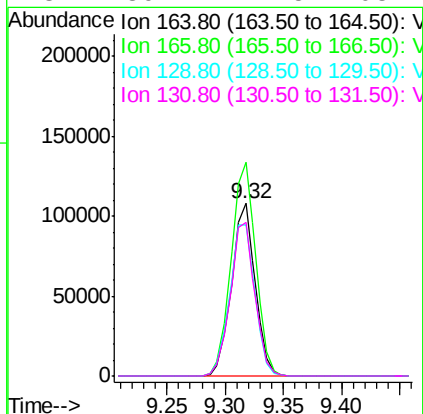
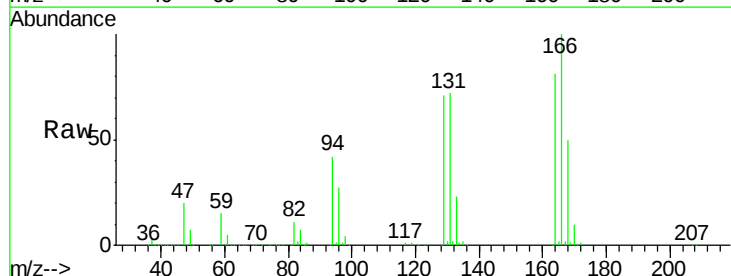
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

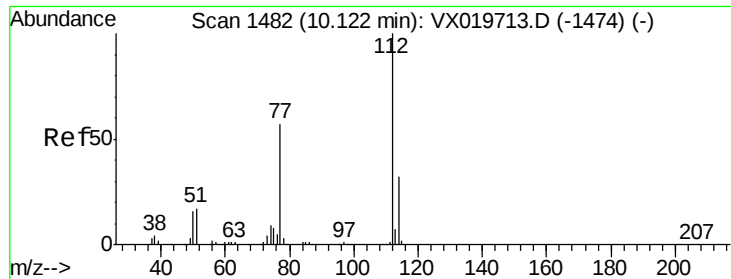
Tgt Ion:117 Resp: 406930
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 55.839 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion:164 Resp: 152381
Ion Ratio Lower Upper
164 100
166 123.6 103.4 155.2
129 87.8 70.8 106.2
131 89.1 72.5 108.7

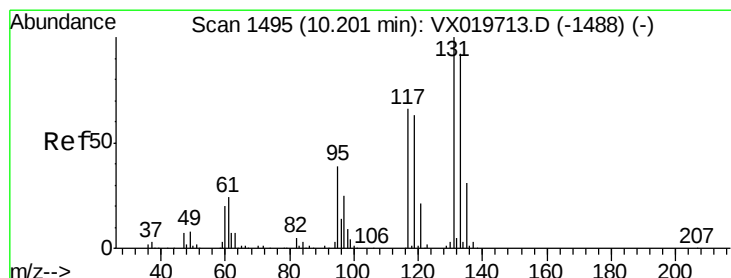
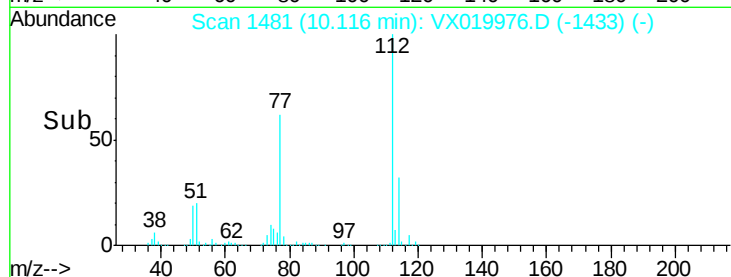
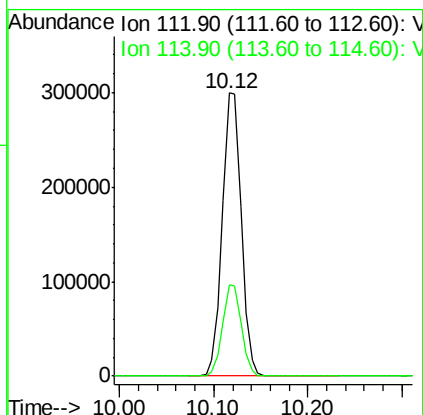
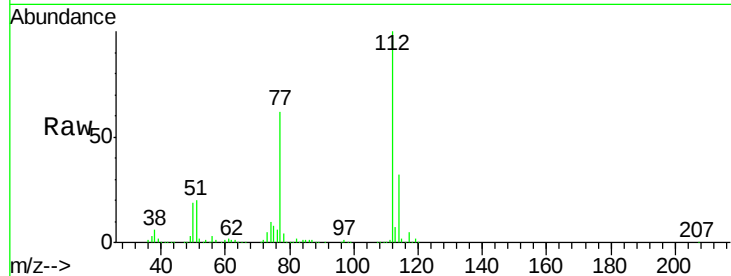




#65
Chlorobenzene
Concen: 51.710 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

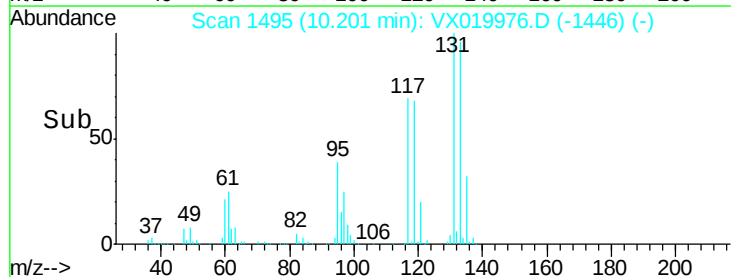
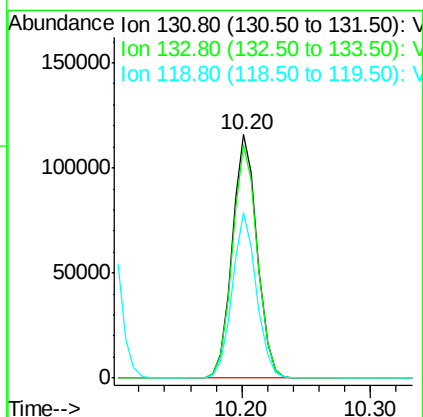
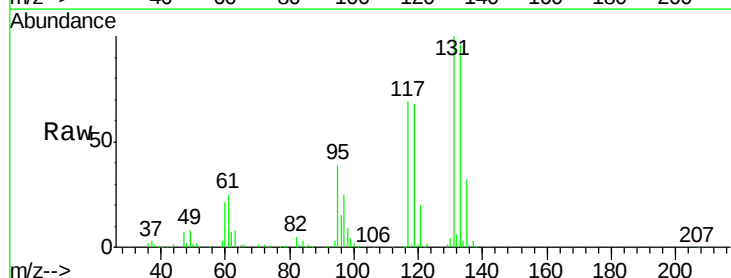
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

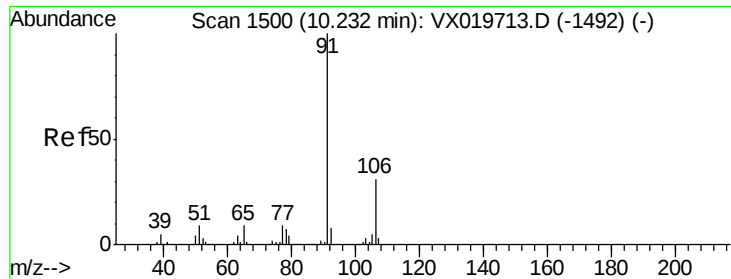
Tgt Ion:112 Resp: 419223
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.315 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion:131 Resp: 155574
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 66.2 32.1 96.5





#67

Ethyl Benzene

Concen: 52.564 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

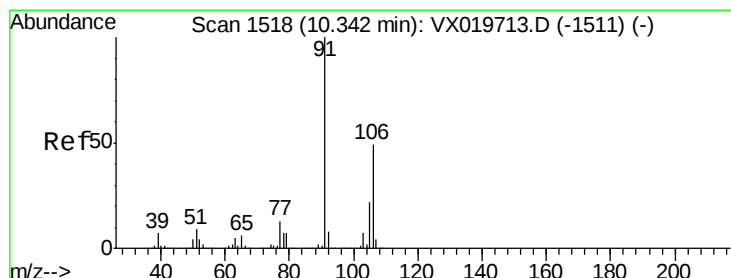
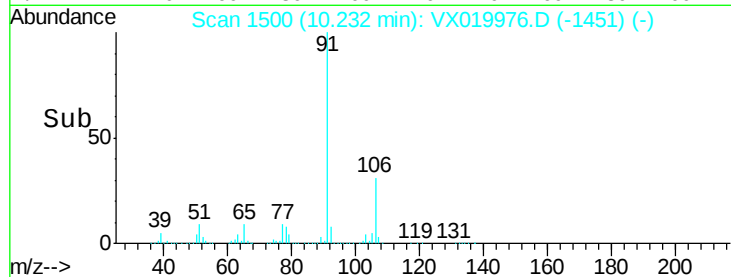
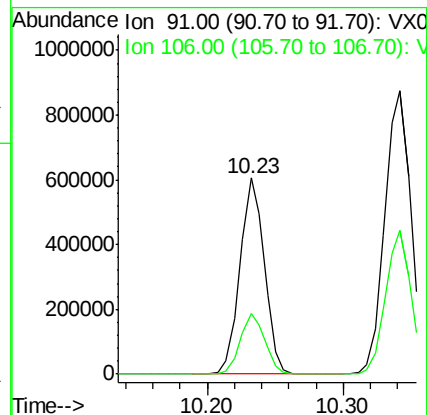
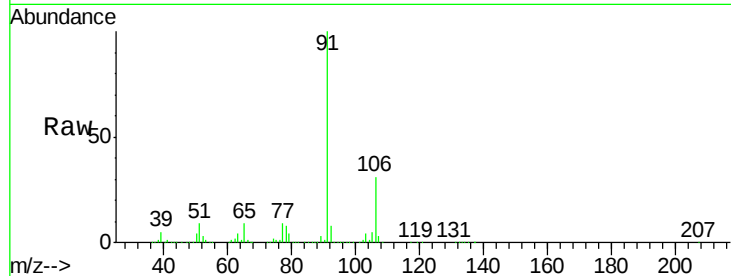
VSTDCCC050

Tgt Ion: 91 Resp: 756421

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 105.639 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019976.D

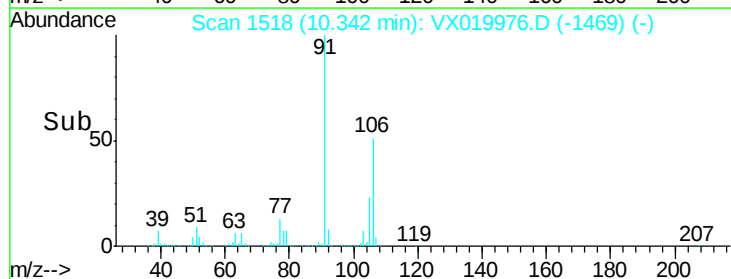
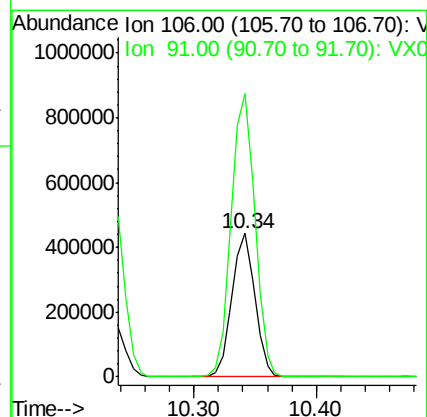
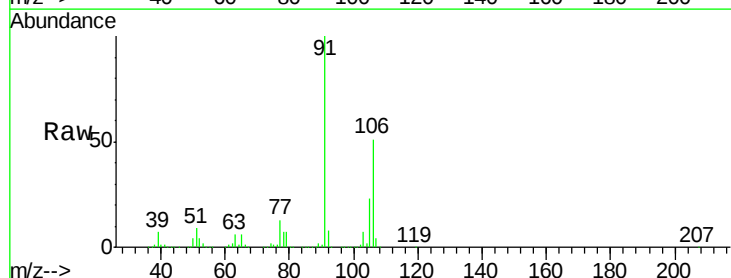
Acq: 14 Dec 2020 10:51

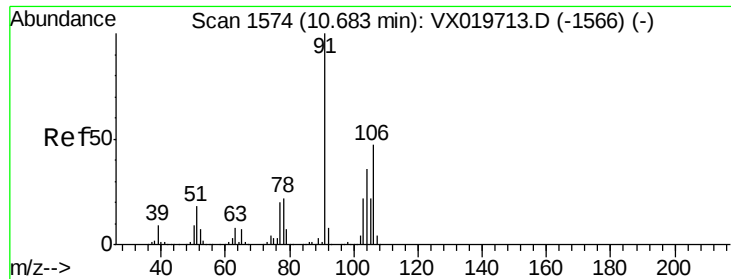
Tgt Ion: 106 Resp: 572839

Ion Ratio Lower Upper

106 100

91 204.3 162.8 244.2

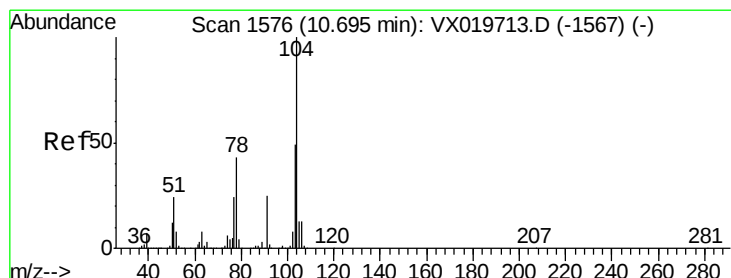
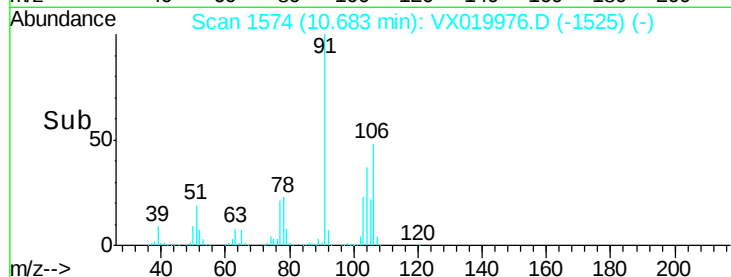
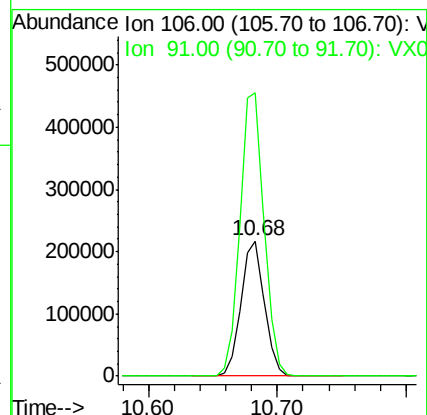
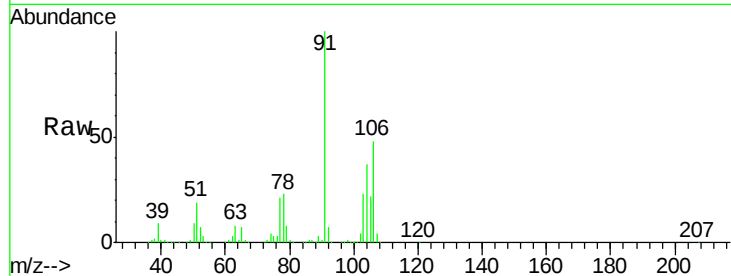




#69
o-Xylene
Concen: 52.564 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

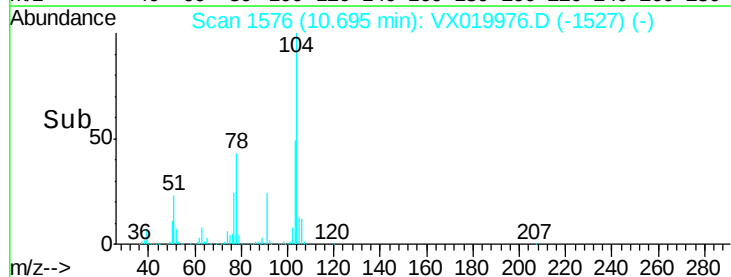
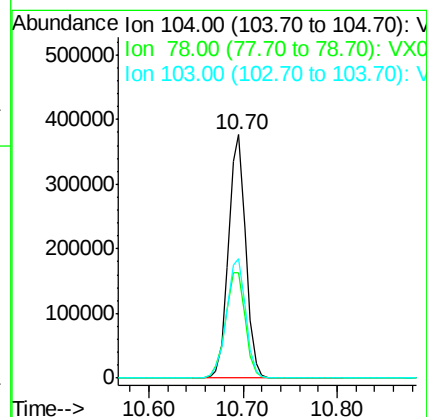
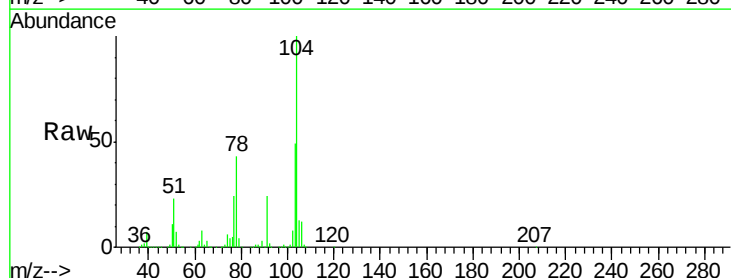
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

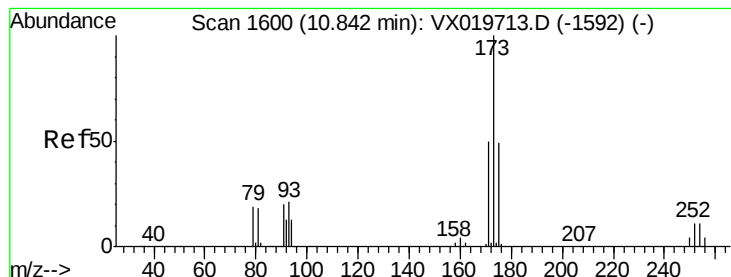
Tgt Ion:106 Resp: 274184
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.2



#70
Styrene
Concen: 54.132 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion:104 Resp: 476600
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.5 43.4 65.0





#71

Bromoform

Concen: 52.591 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

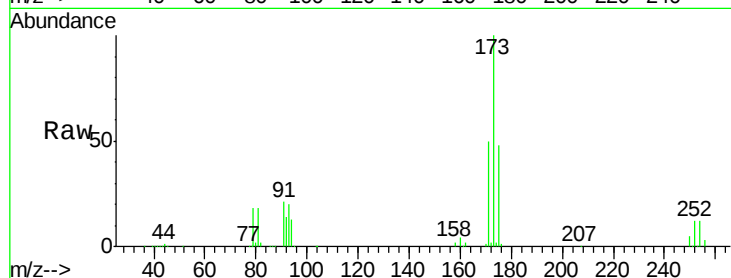
Tgt Ion:173 Resp: 120725

Ion Ratio Lower Upper

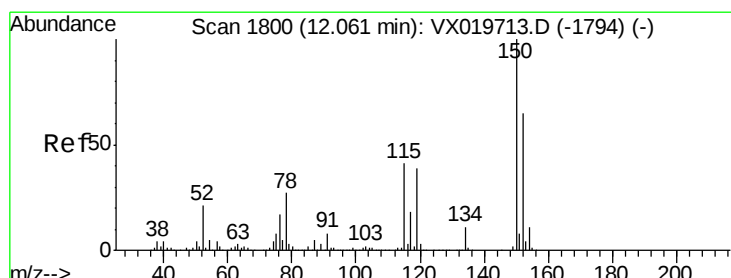
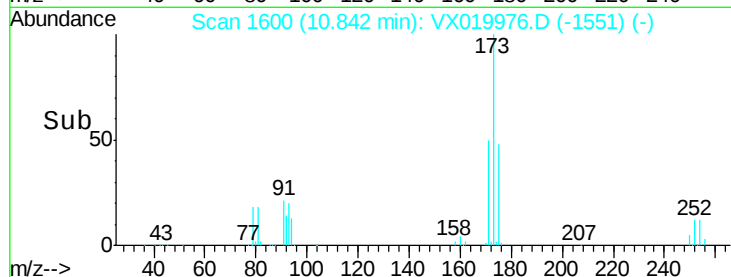
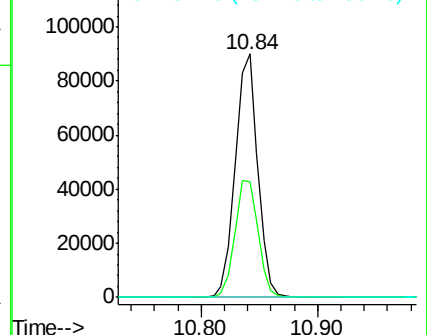
173 100

175 49.8 23.9 71.8

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: VX019976.D

Acq: 14 Dec 2020 10:51

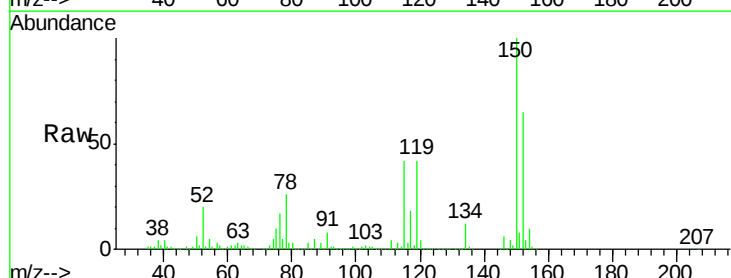
Tgt Ion:152 Resp: 207736

Ion Ratio Lower Upper

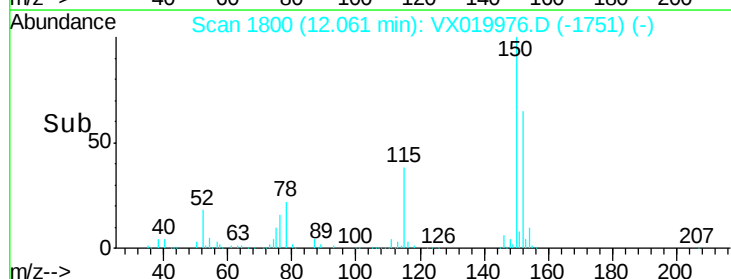
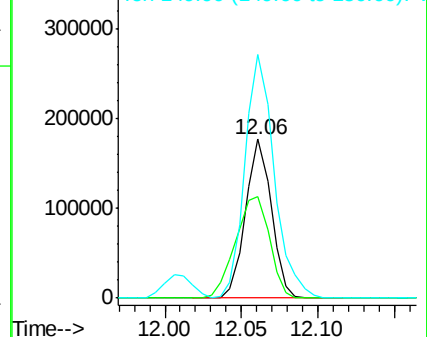
152 100

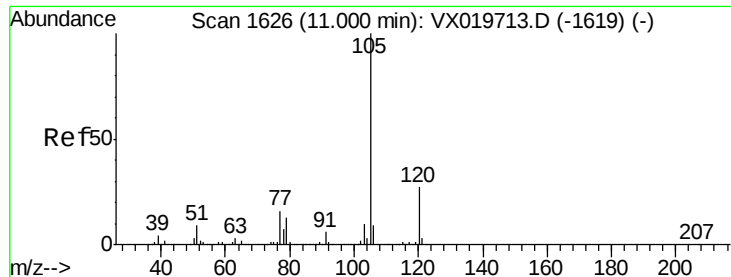
115 84.2 41.1 123.3

150 174.5 0.0 349.0



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





#73

Isopropylbenzene

Concen: 52.658 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

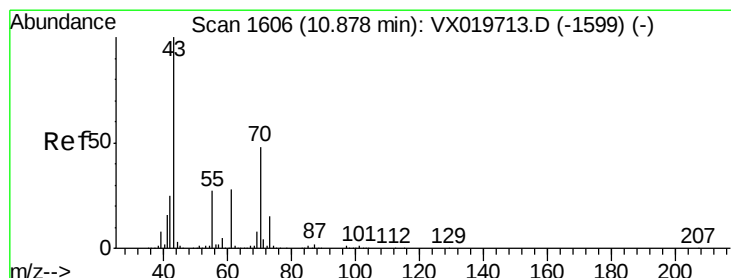
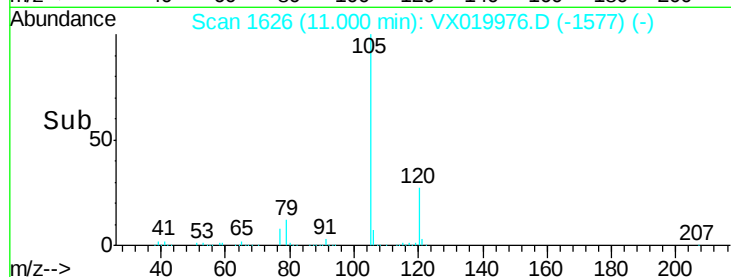
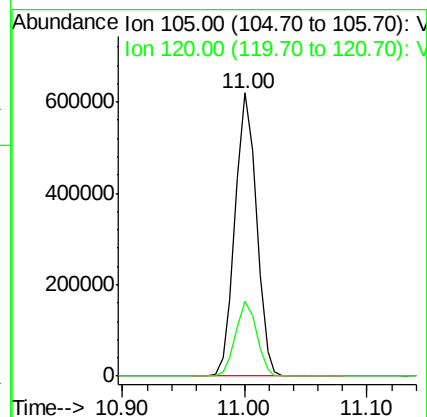
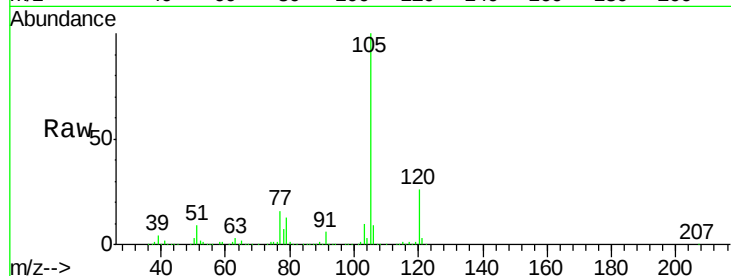
VSTDCCC050

Tgt Ion: 105 Resp: 747340

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 51.909 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion: 43 Resp: 295235

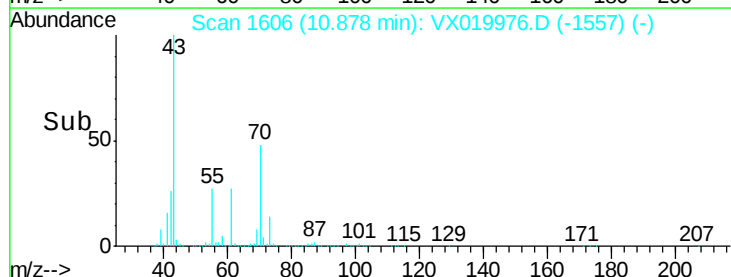
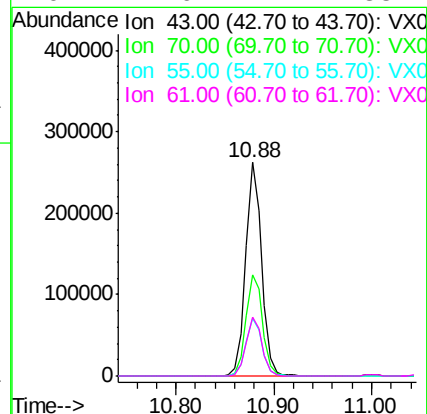
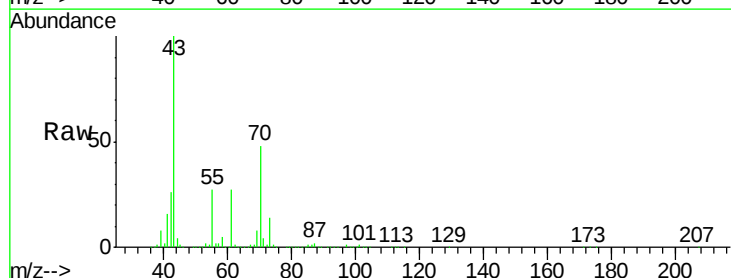
Ion Ratio Lower Upper

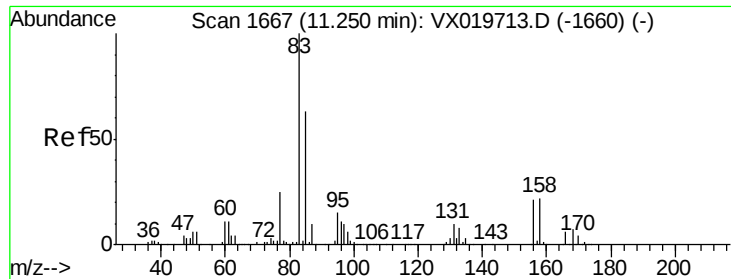
43 100

70 49.3 39.0 58.6

55 27.7 21.5 32.3

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.025 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

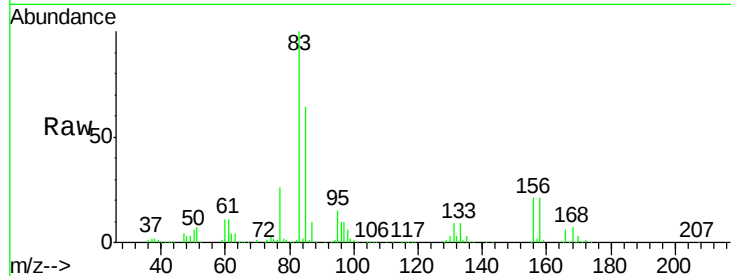
Tgt Ion: 83 Resp: 260317

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

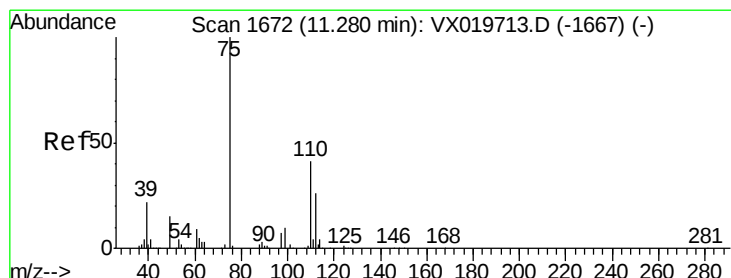
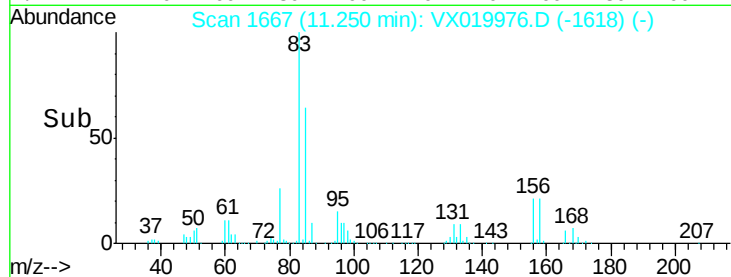
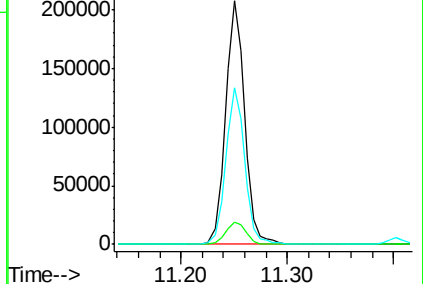
85 63.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.051 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019976.D

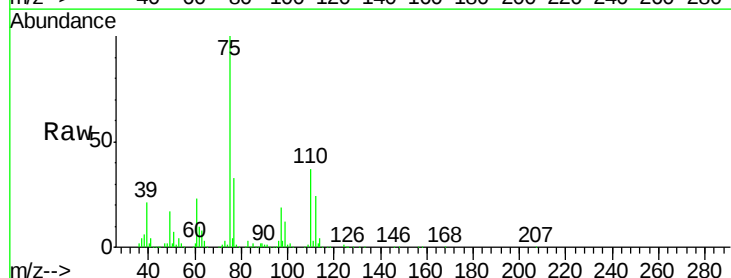
Acq: 14 Dec 2020 10:51

Tgt Ion: 75 Resp: 303082

Ion Ratio Lower Upper

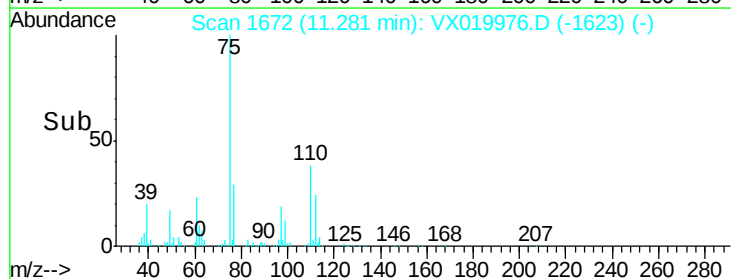
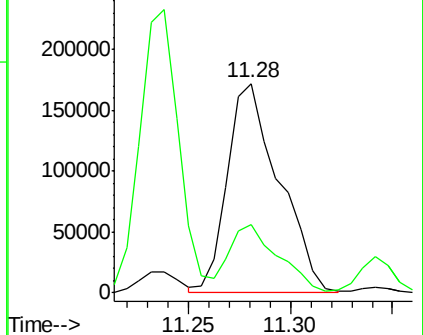
75 100

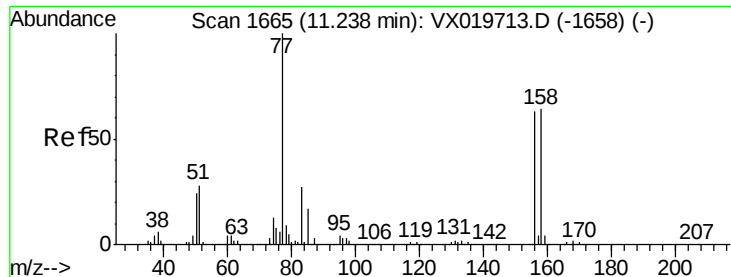
77 30.8 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.691 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

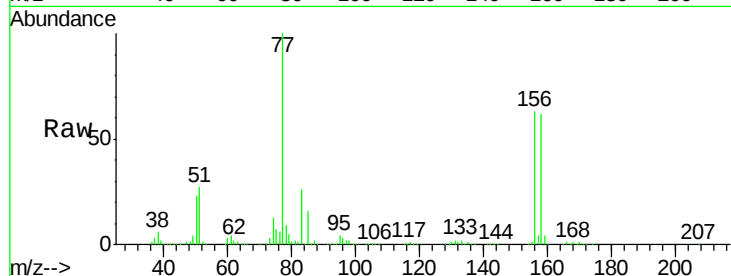
Tgt Ion:156 Resp: 184111

Ion Ratio Lower Upper

156 100

77 168.0 82.8 248.6

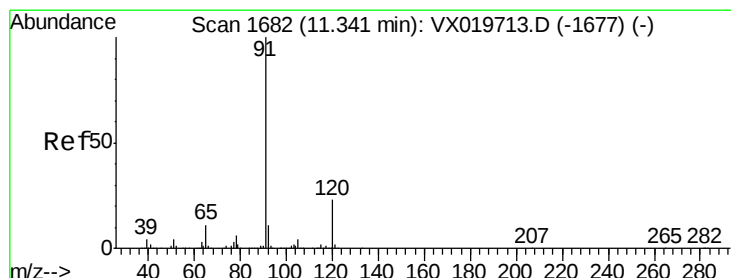
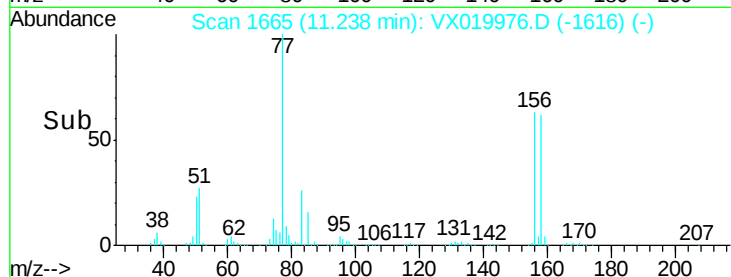
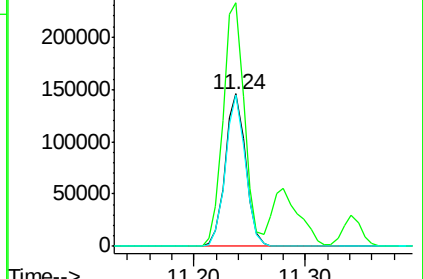
158 96.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.294 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019976.D

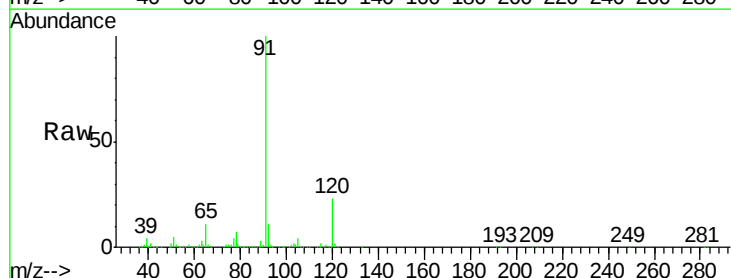
Acq: 14 Dec 2020 10:51

Tgt Ion: 91 Resp: 863890

Ion Ratio Lower Upper

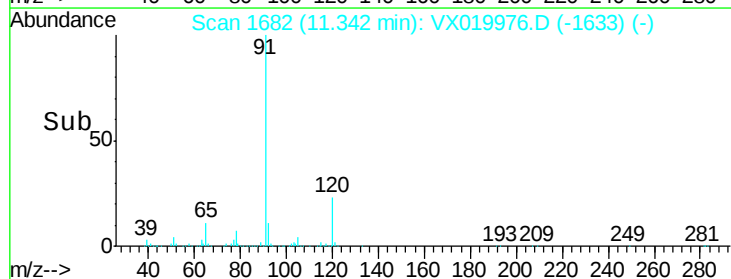
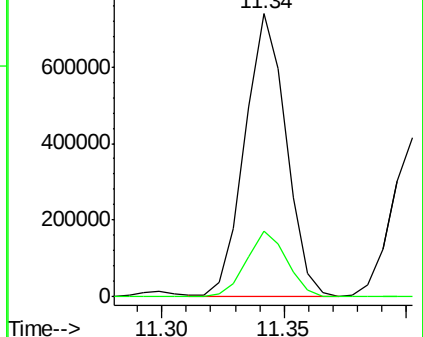
91 100

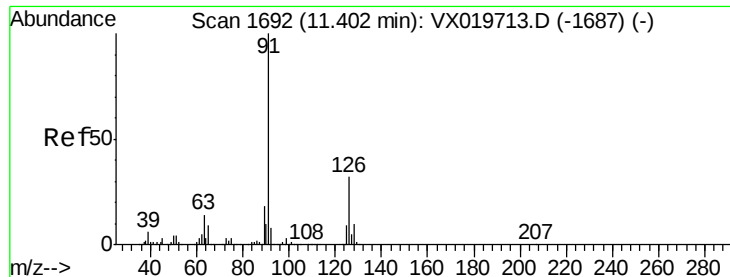
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

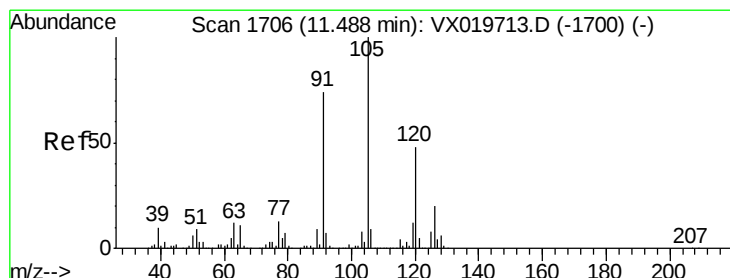
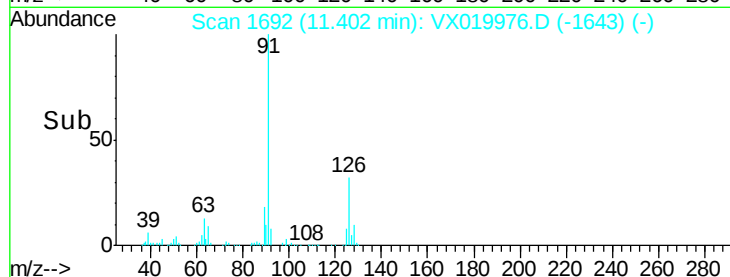
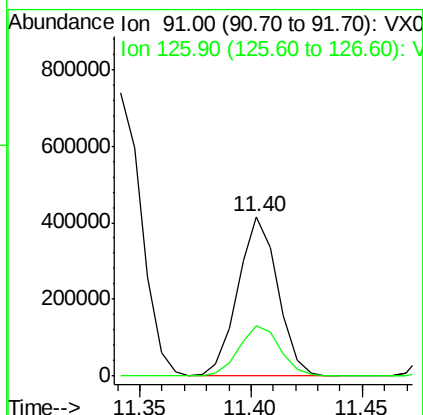
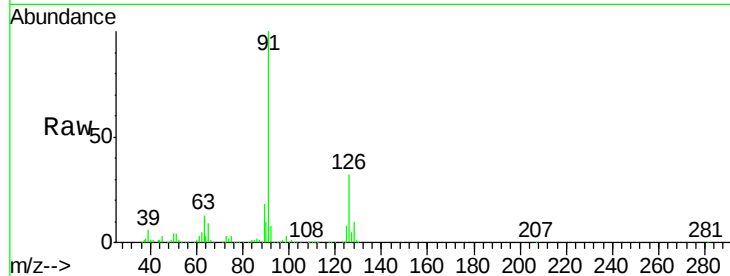




#79
 2-Chlorotoluene
 Concen: 51.671 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

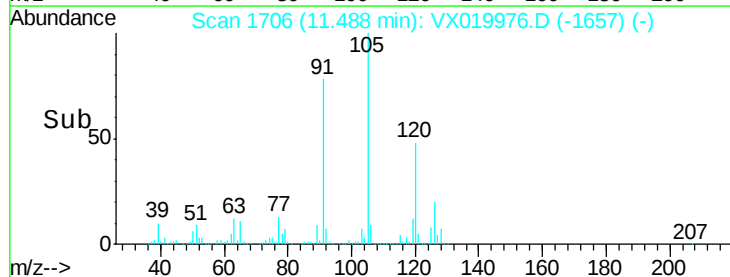
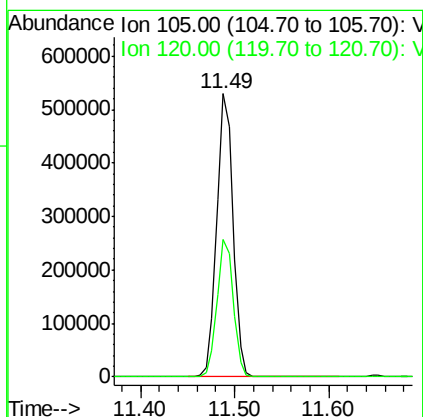
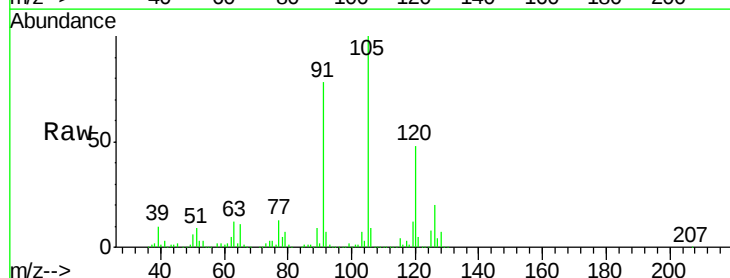
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

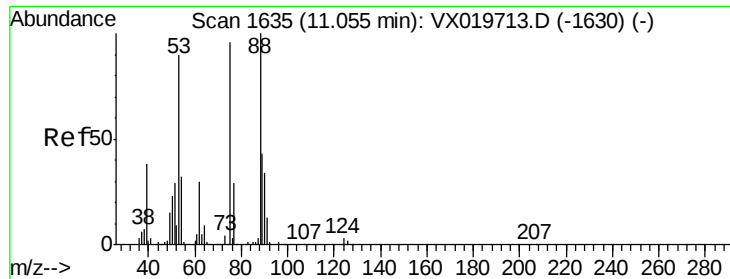
Tgt Ion: 91 Resp: 515802
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.359 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 105 Resp: 639136
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 52.132 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

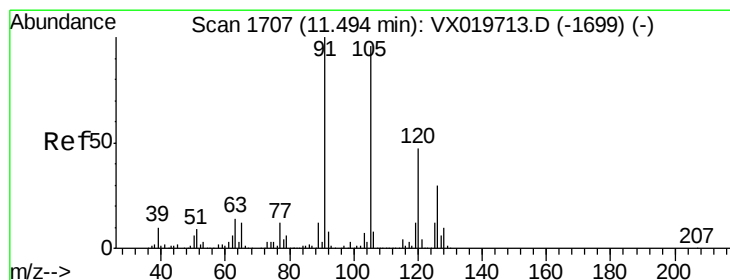
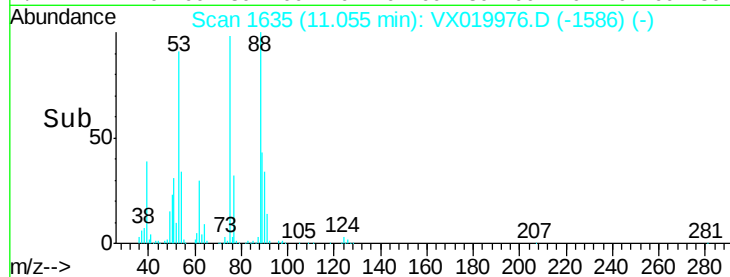
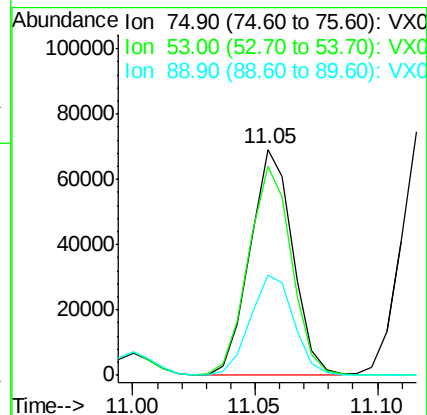
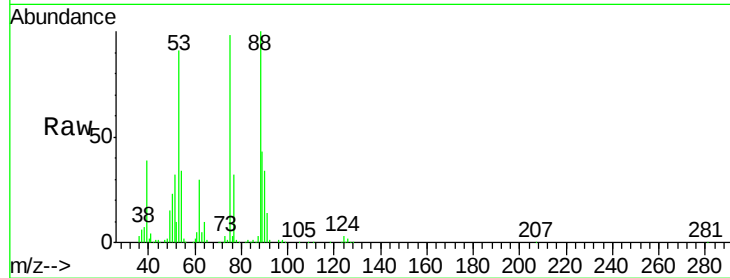
Tgt Ion: 75 Resp: 84022

Ion Ratio Lower Upper

75 100

53 93.6 74.5 111.7

89 45.7 37.9 56.9



#82

4-Chlorotoluene

Concen: 52.677 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019976.D

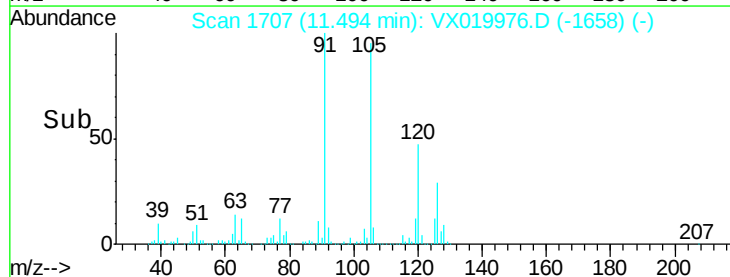
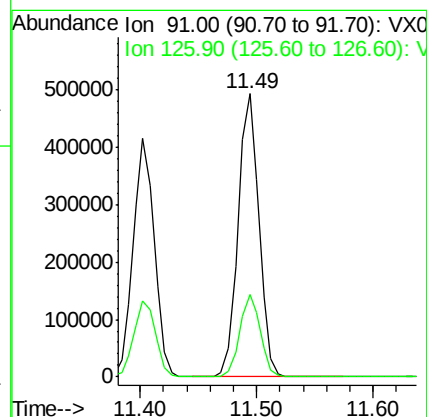
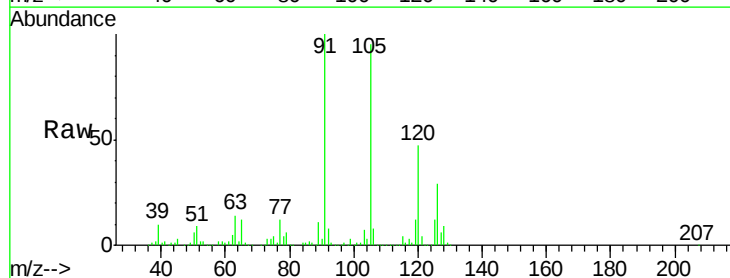
Acq: 14 Dec 2020 10:51

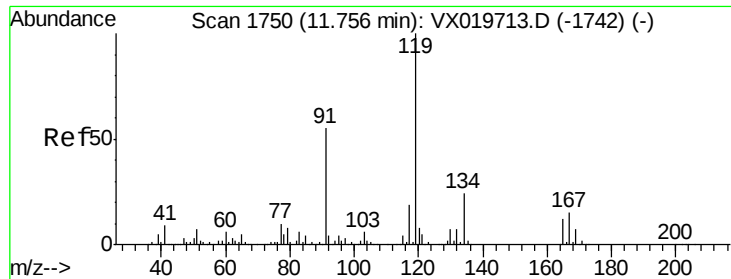
Tgt Ion: 91 Resp: 615850

Ion Ratio Lower Upper

91 100

126 28.6 14.9 44.5

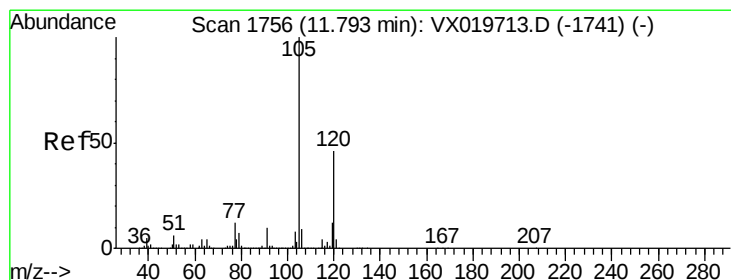
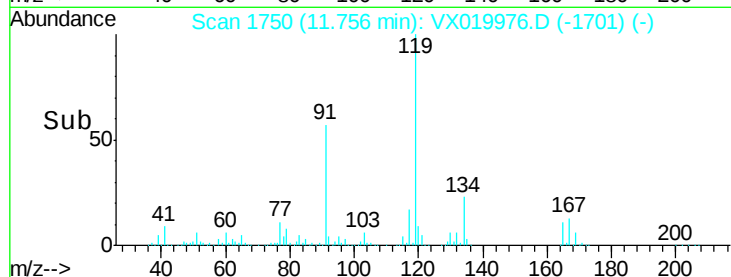
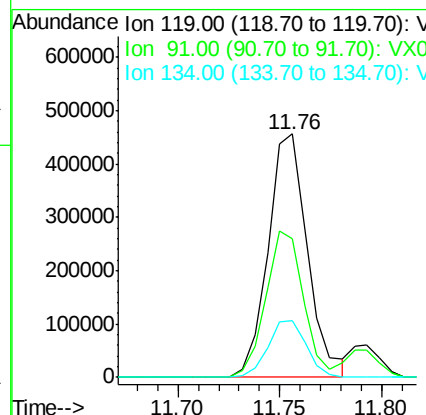
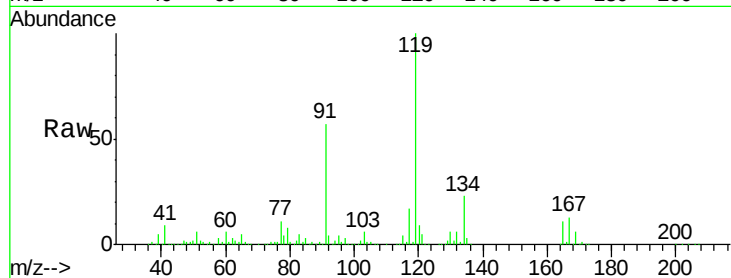




#83
 tert-Butylbenzene
 Concen: 52.384 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

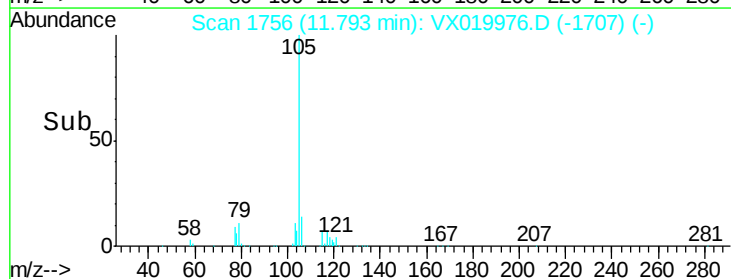
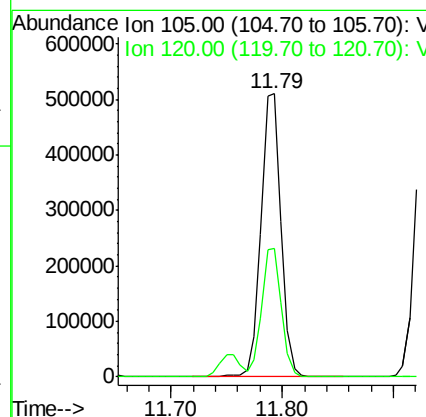
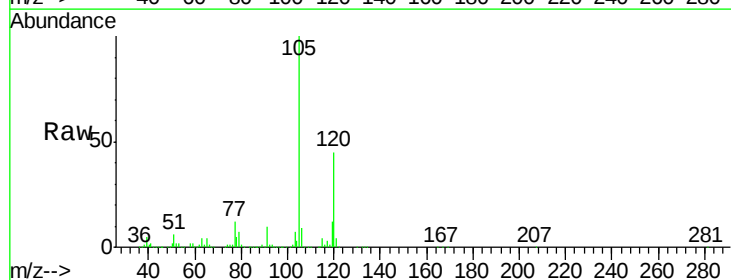
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

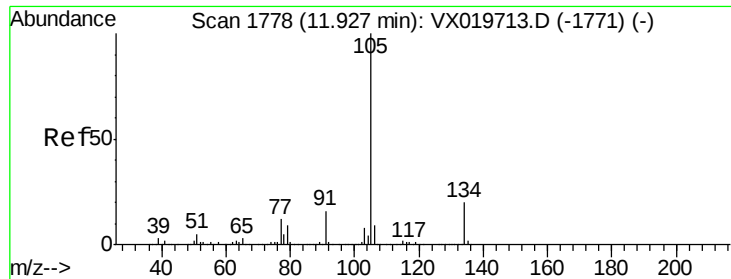
Tgt Ion:119 Resp: 615383
 Ion Ratio Lower Upper
 119 100
 91 57.4 27.9 83.7
 134 22.8 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.187 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion:105 Resp: 641734
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

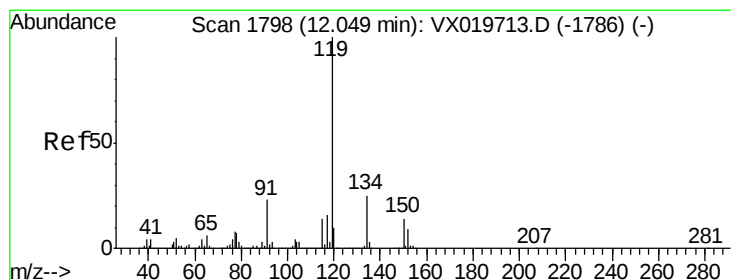
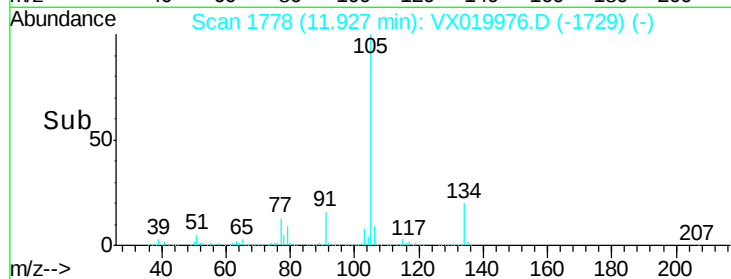
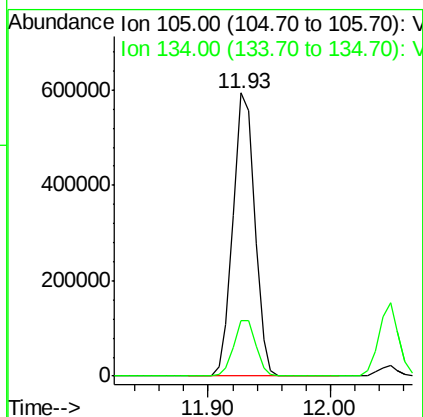
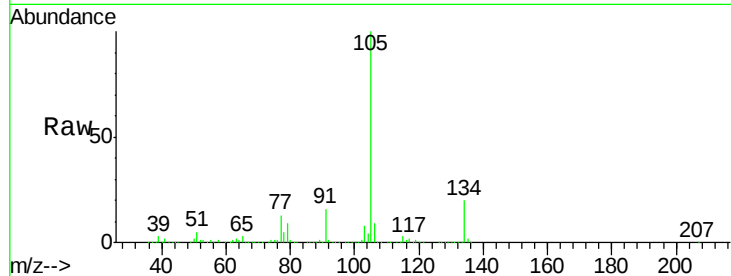




#85
 sec-Butylbenzene
 Concen: 54.136 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

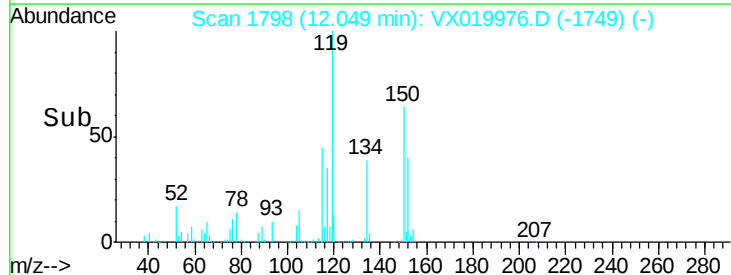
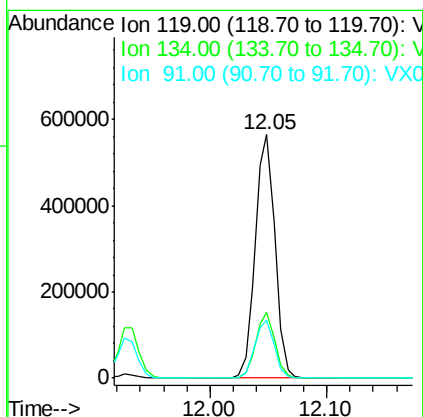
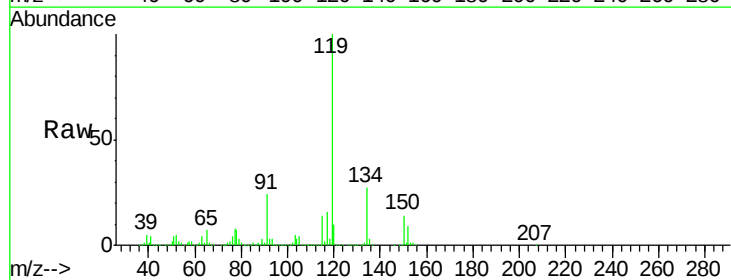
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

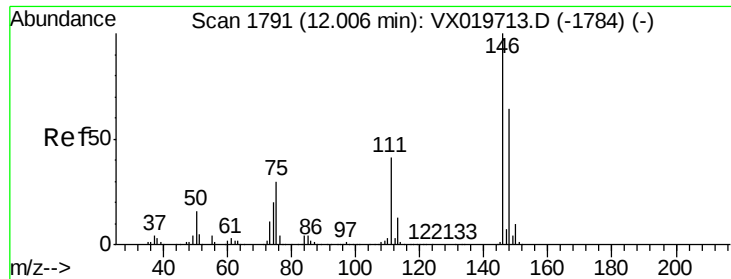
Tgt Ion:105 Resp: 726086
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 54.280 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion:119 Resp: 667215
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.6 11.7 35.0

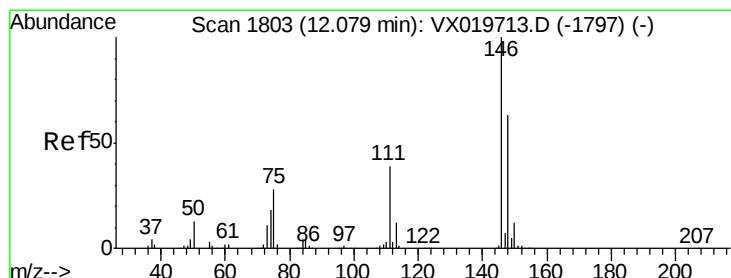
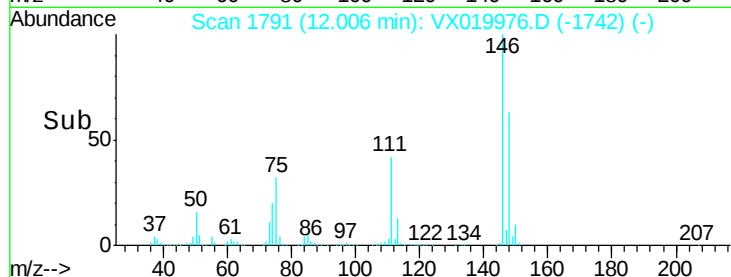
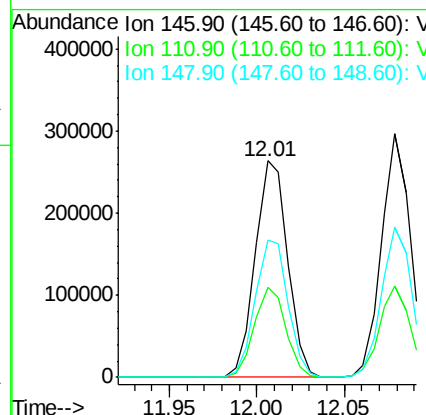
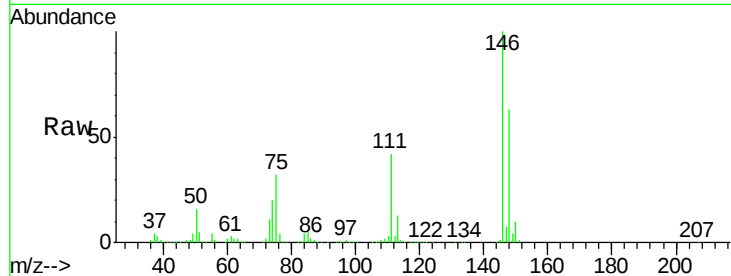




#87
 1,3-Dichlorobenzene
 Concen: 50.864 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

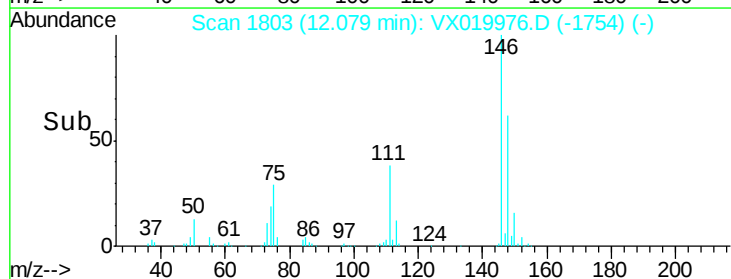
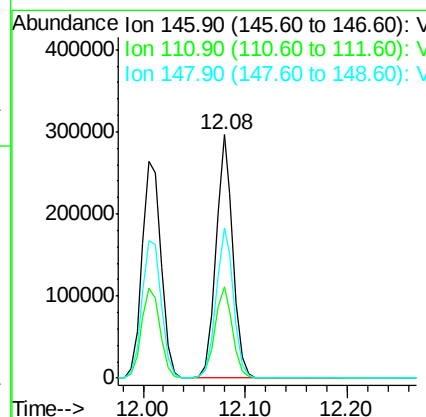
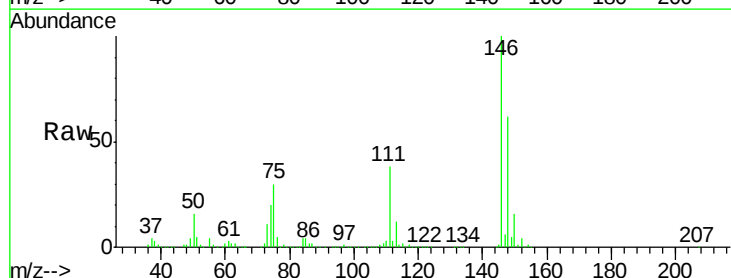
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

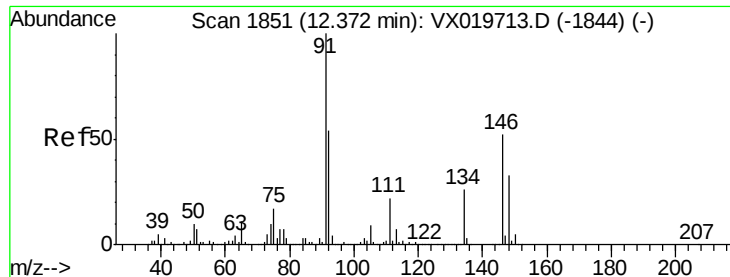
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	64.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.699 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.2	31.6	95.0





#89

n-Butylbenzene

Concen: 54.396 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

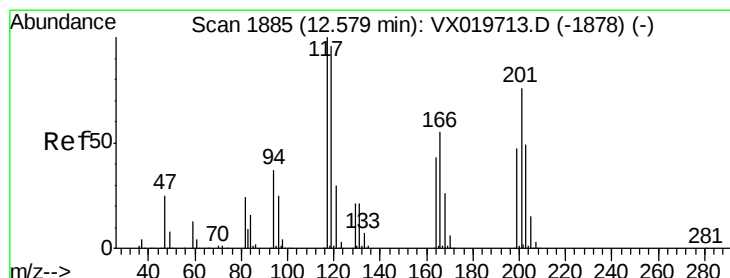
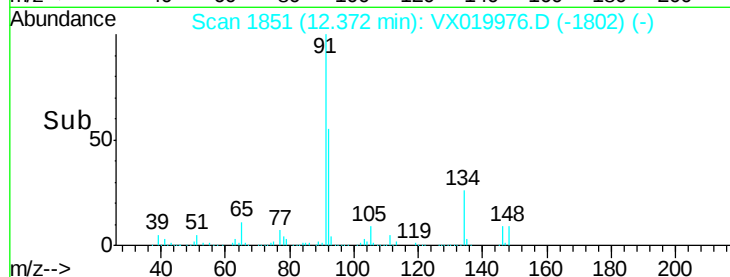
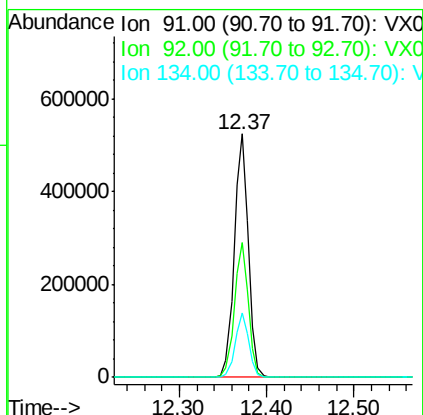
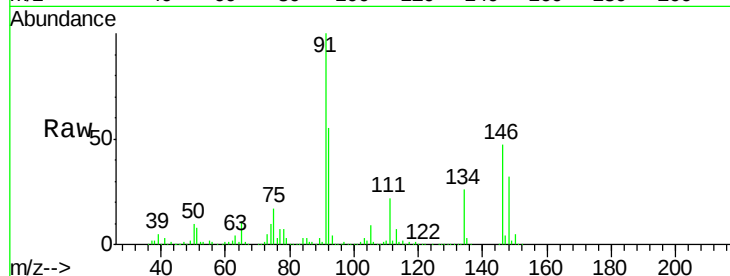
Tgt Ion: 91 Resp: 592396

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

134 25.6 13.2 39.5



#90

Hexachloroethane

Concen: 52.733 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019976.D

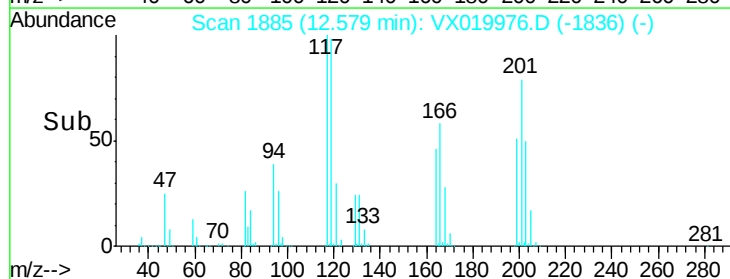
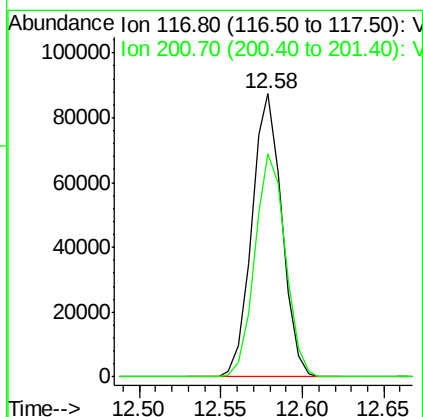
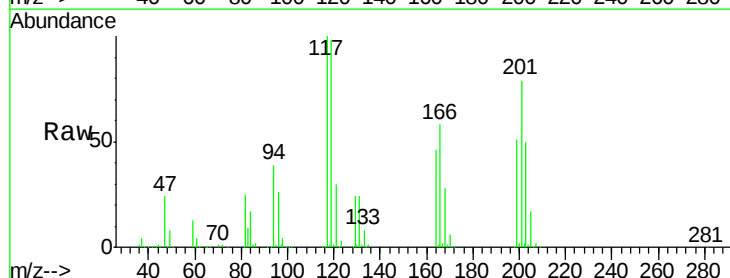
Acq: 14 Dec 2020 10:51

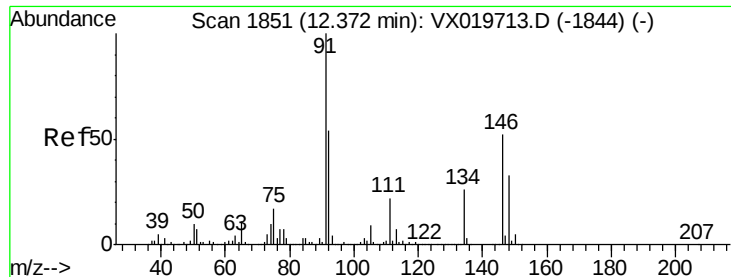
Tgt Ion: 117 Resp: 111908

Ion Ratio Lower Upper

117 100

201 79.7 40.4 121.2

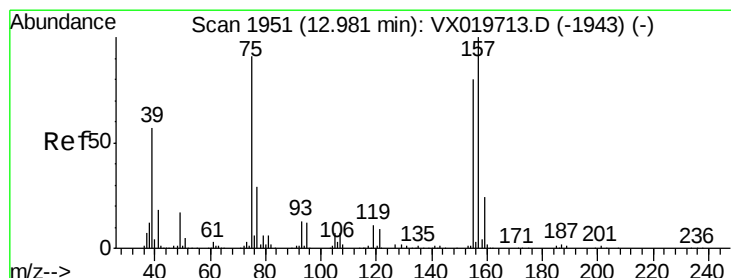
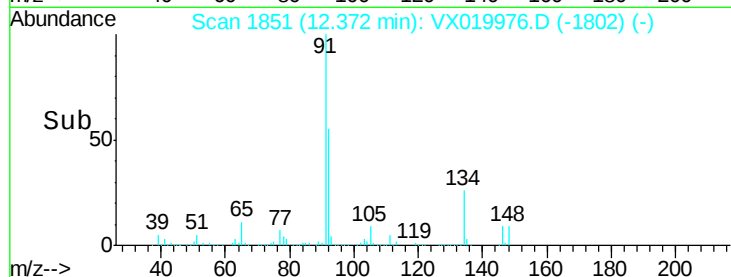
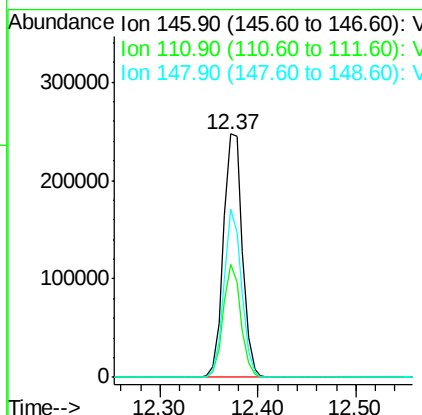
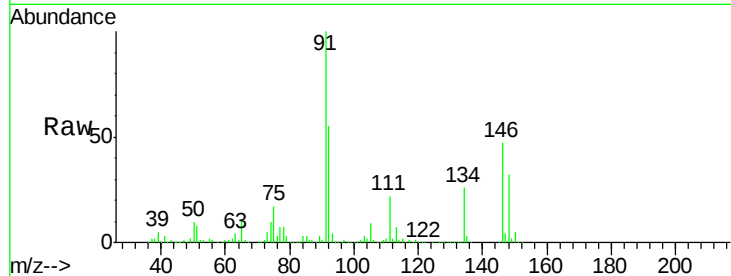




#91
 1,2-Dichlorobenzene
 Concen: 50.867 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

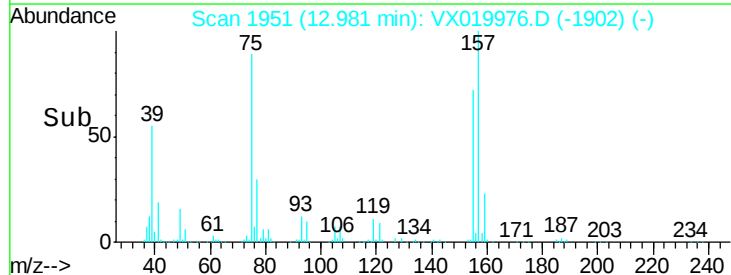
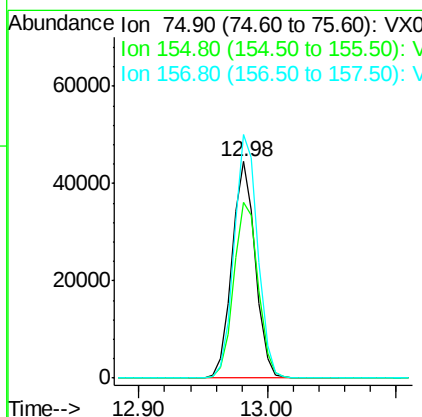
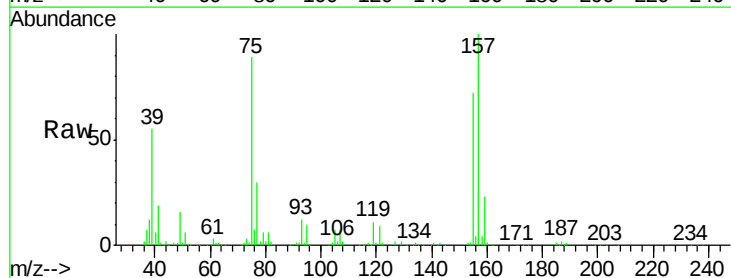
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

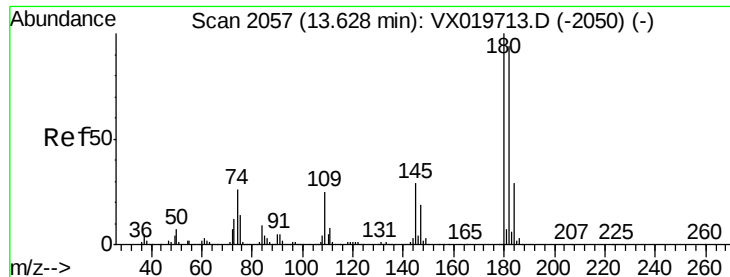
Tgt Ion:146 Resp: 330550
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.8 62.2
 148 64.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.398 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 75 Resp: 56363
 Ion Ratio Lower Upper
 75 100
 155 84.7 45.3 135.9
 157 113.1 57.7 173.1

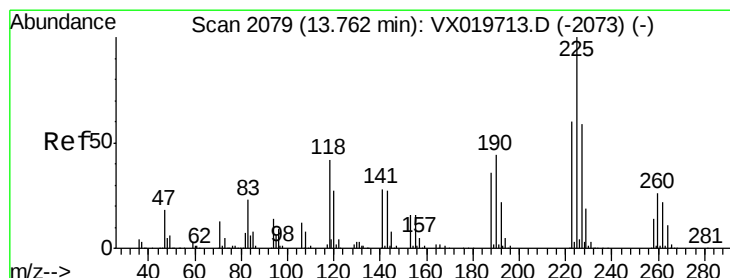
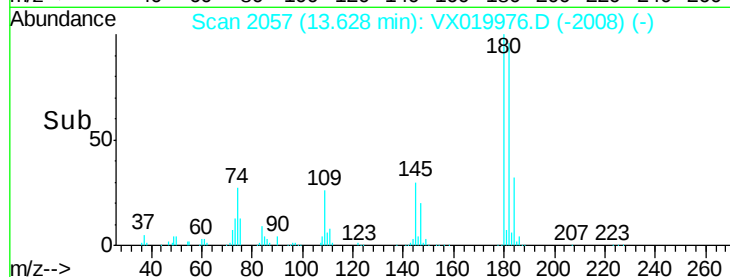
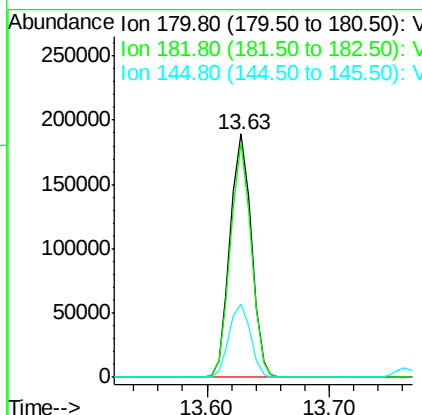
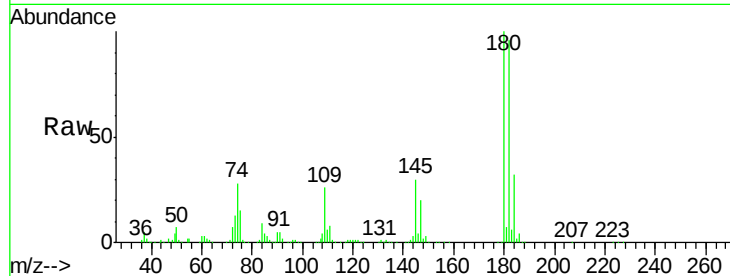




#93
 1,2,4-Trichlorobenzene
 Concen: 53.786 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

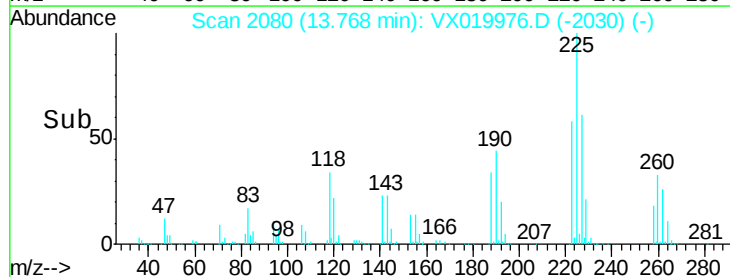
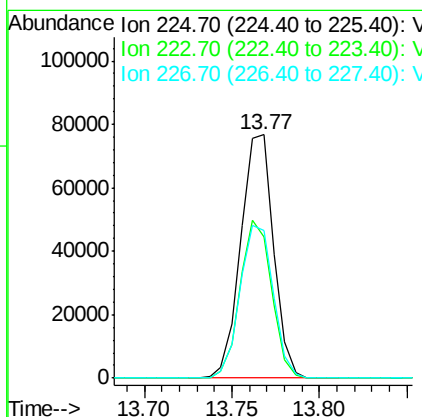
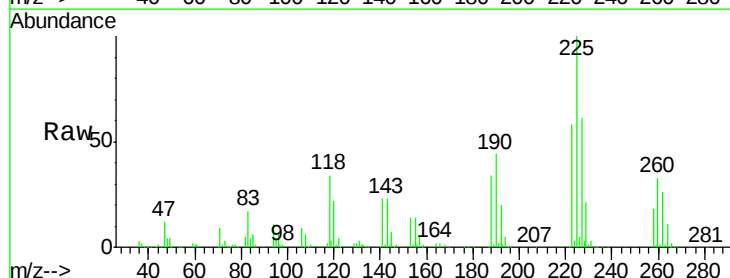
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

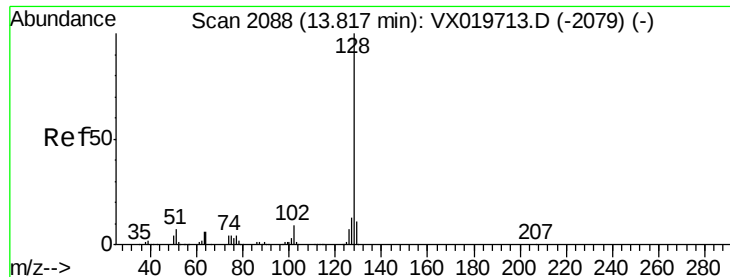
Tgt Ion:180 Resp: 227518
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.7 143.1
 145 30.3 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 52.803 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion:225 Resp: 99832
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.2
 227 63.7 31.6 95.0

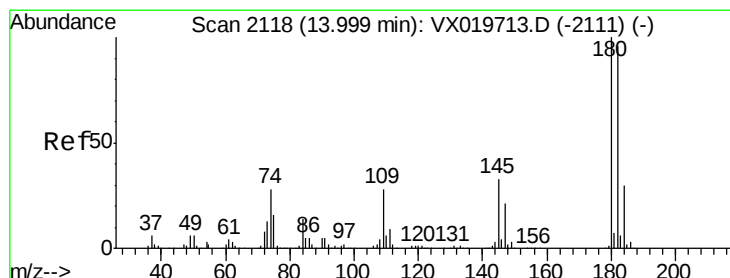
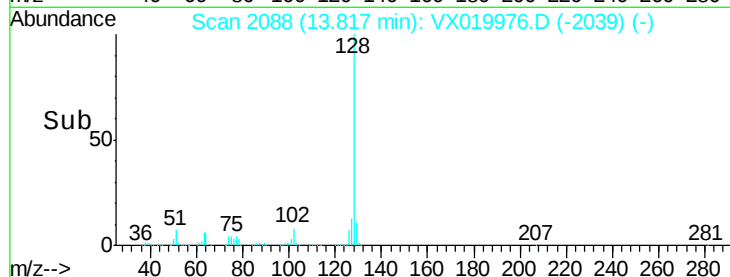
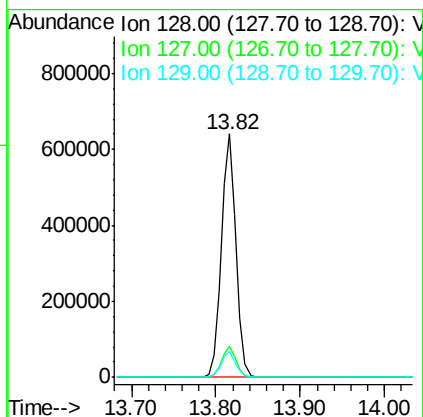
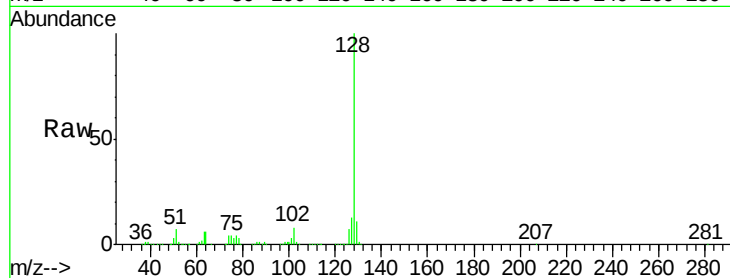




#95
Naphthalene
Concen: 55.414 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 759944
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.598 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion:180 Resp: 221573
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.9
145 33.1 16.1 48.3

