

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019926.D
 Acq On : 12 Dec 2020 12:33
 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 14 05:27:32 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	273468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	437184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202928	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	167841	46.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.40%	
35) Dibromofluoromethane		5.46	113	137500	48.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.32%	
50) Toluene-d8		8.70	98	531988	49.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.64%	
62) 4-Bromofluorobenzene		11.12	95	204342	49.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128826	51.454	ug/l	98
3) Chloromethane	1.31	50	140205	47.616	ug/l	99
4) Vinyl Chloride	1.39	62	161814	52.119	ug/l	100
5) Bromomethane	1.62	94	48688	47.229	ug/l	100
6) Chloroethane	1.70	64	106104	56.891	ug/l	100
7) Trichlorofluoromethane	1.91	101	229460	53.069	ug/l	96
8) Diethyl Ether	2.17	74	95727	52.244	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142610	57.543	ug/l	99
10) Methyl Iodide	2.49	142	172271	47.158	ug/l	100
11) Tert butyl alcohol	3.01	59	186881	252.946	ug/l	100
12) 1,1-Dichloroethene	2.35	96	135799	54.199	ug/l	97
13) Acrolein	2.27	56	92748	233.782	ug/l	99
14) Allyl chloride	2.70	41	228411	53.977	ug/l	97
15) Acrylonitrile	3.11	53	444952	273.846	ug/l	100
16) Acetone	2.42	43	431891	319.692	ug/l	99
17) Carbon Disulfide	2.54	76	334094	46.471	ug/l	100
18) Methyl Acetate	2.75	43	192432	58.208	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	507800	55.651	ug/l	99
20) Methylene Chloride	2.83	84	168718	54.842	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	153923	52.693	ug/l	97
22) Diisopropyl ether	3.82	45	490516	57.331	ug/l	98
23) Vinyl Acetate	3.78	43	2052288	281.553	ug/l	100
24) 1,1-Dichloroethane	3.67	63	284540	55.150	ug/l	99
25) 2-Butanone	4.63	43	602004	289.999	ug/l	99
26) 2,2-Dichloropropane	4.54	77	241103	54.264	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	183901	53.796	ug/l	99
28) Bromochloromethane	4.97	49	123802	50.336	ug/l	98
29) Tetrahydrofuran	5.08	42	363053	271.448	ug/l	98
30) Chloroform	5.17	83	291905	55.024	ug/l	100
31) Cyclohexane	5.54	56	240182	53.722	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	248971	54.496	ug/l	100
36) 1,1-Dichloropropene	5.76	75	212303	53.740	ug/l	100
37) Ethyl Acetate	4.79	43	218250	54.717	ug/l	99
38) Carbon Tetrachloride	5.74	117	209202	54.077	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	259066	55.816	ug/l	99
40) Benzene	6.11	78	657100	54.451	ug/l	99
41) Methacrylonitrile	4.99	41	120836	55.176	ug/l	99
42) 1,2-Dichloroethane	6.16	62	229274	55.607	ug/l	100
43) Isopropyl Acetate	6.41	43	353942	54.580	ug/l	100
44) Trichloroethene	7.18	130	168791	53.309	ug/l	99
45) 1,2-Dichloropropane	7.48	63	170937	56.675	ug/l	96
46) Dibromomethane	7.63	93	111039	54.517	ug/l	99
47) Bromodichloromethane	7.87	83	226711	56.094	ug/l	100
48) Methyl methacrylate	7.74	41	175837	55.133	ug/l	99
49) 1,4-Dioxane	7.71	88	83043	1074.846	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1121372	283.231	ug/l	100
52) Toluene	8.76	92	414936	54.976	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	250980	55.960	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	273808	56.195	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	173058	56.897	ug/l	98
56) Ethyl methacrylate	9.16	69	262911	57.132	ug/l	99
57) 1,3-Dichloropropane	9.35	76	287891	55.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	714196	292.959	ug/l	99
59) 2-Hexanone	9.47	43	881653	287.284	ug/l	99
60) Dibromochloromethane	9.56	129	176771	57.203	ug/l	100
61) 1,2-Dibromoethane	9.65	107	175632	54.379	ug/l	100
64) Tetrachloroethene	9.32	164	155444	57.328	ug/l	97
65) Chlorobenzene	10.12	112	436290	54.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	164554	56.756	ug/l	99
67) Ethyl Benzene	10.23	91	797335	55.763	ug/l	99
68) m/p-Xylenes	10.34	106	604336	112.166	ug/l	99
69) o-Xylene	10.68	106	287651	55.500	ug/l	99
70) Styrene	10.70	104	499972	57.152	ug/l	100
71) Bromoform	10.84	173	128328	56.264	ug/l #	98
73) Isopropylbenzene	11.00	105	783862	56.539	ug/l	100
74) N-amyl acetate	10.88	43	307459	55.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	270914	55.426	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	309964	68.104	ug/l	88
77) Bromobenzene	11.24	156	195471	55.094	ug/l	98
78) n-propylbenzene	11.34	91	910790	57.519	ug/l	99
79) 2-Chlorotoluene	11.40	91	543673	55.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	676165	57.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	87631	55.660	ug/l	98
82) 4-Chlorotoluene	11.49	91	643941	56.385	ug/l	99
83) tert-Butylbenzene	11.76	119	649915	56.635	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	677874	57.513	ug/l	100
85) sec-Butylbenzene	11.93	105	780787	59.594	ug/l	100
86) p-Isopropyltoluene	12.05	119	706496	58.837	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	357797	54.946	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	358691	54.082	ug/l	99
89) n-Butylbenzene	12.37	91	639597	60.122	ug/l	99
90) Hexachloroethane	12.58	117	118826	57.319	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	356309	56.131	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58868	56.023	ug/l	95

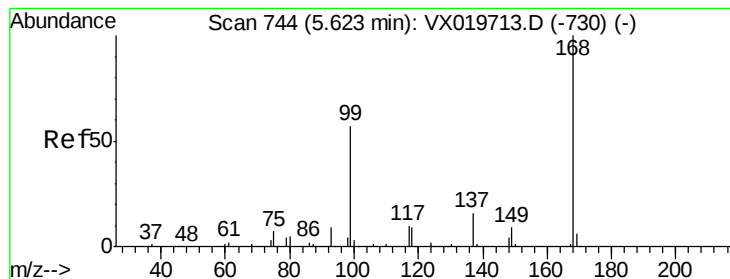
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	240645	58.237	ug/l	100
94) Hexachlorobutadiene	13.77	225	110495	59.828	ug/l	97
95) Naphthalene	13.82	128	785941	58.668	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	235048	58.204	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: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

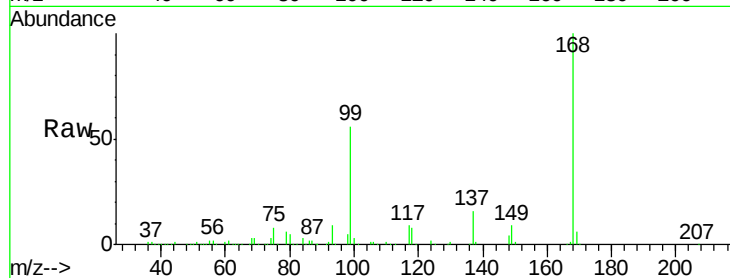
VSTDCCC050

Tgt Ion:168 Resp: 273468

Ion Ratio Lower Upper

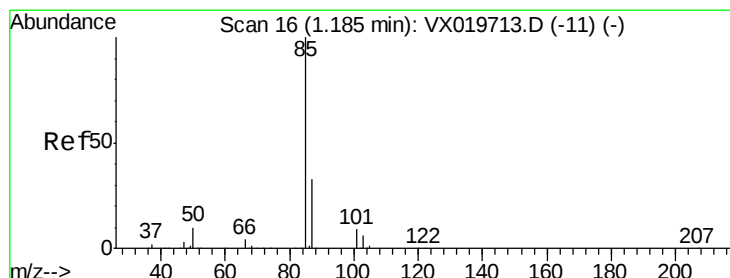
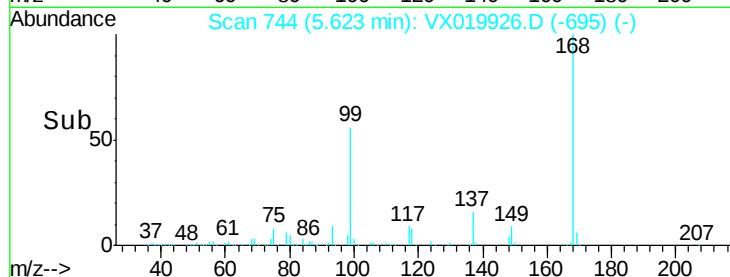
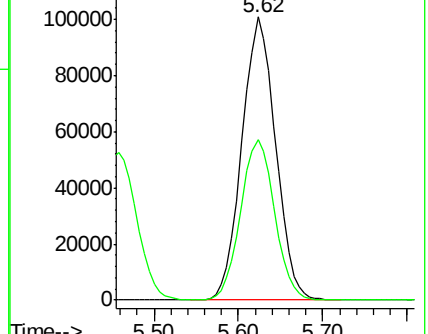
168 100

99 56.4 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: 51.454 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019926.D

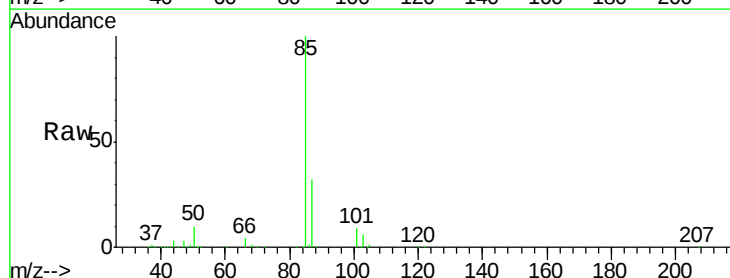
Acq: 12 Dec 2020 12:33

Tgt Ion: 85 Resp: 128826

Ion Ratio Lower Upper

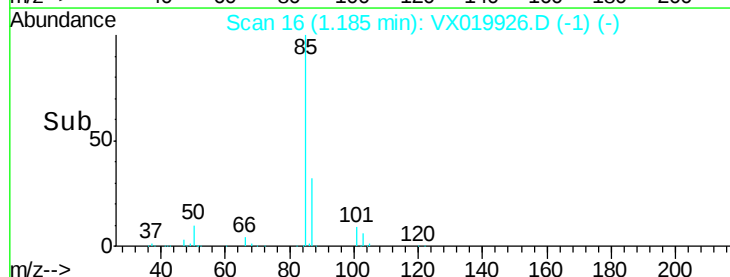
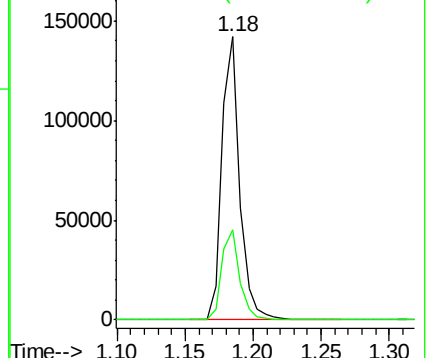
85 100

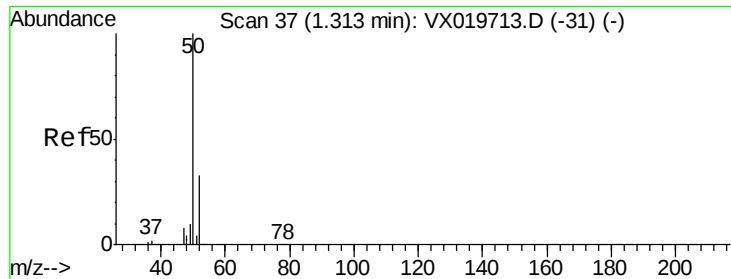
87 31.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.616 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

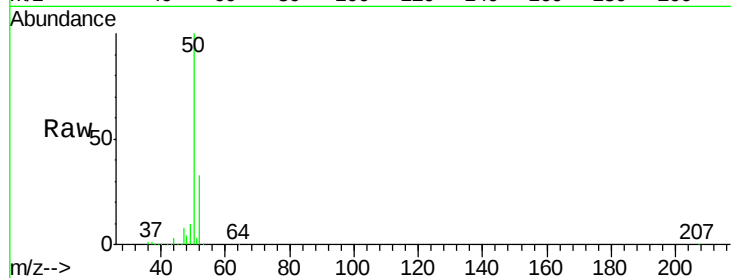
VSTDCCC050

Tgt Ion: 50 Resp: 140205

Ion Ratio Lower Upper

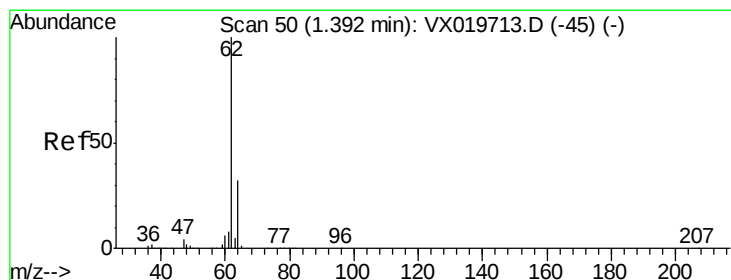
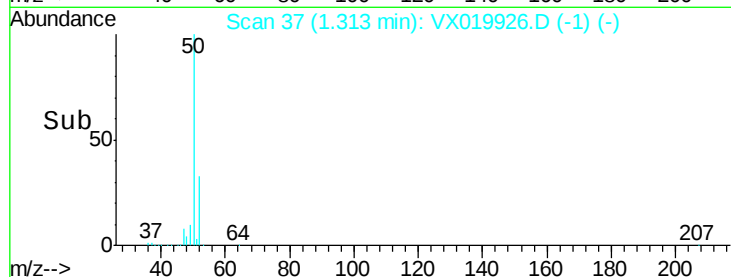
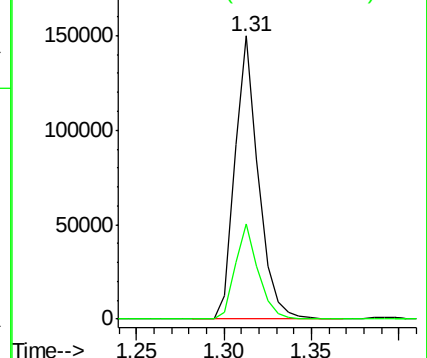
50 100

52 33.5 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: 52.119 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019926.D

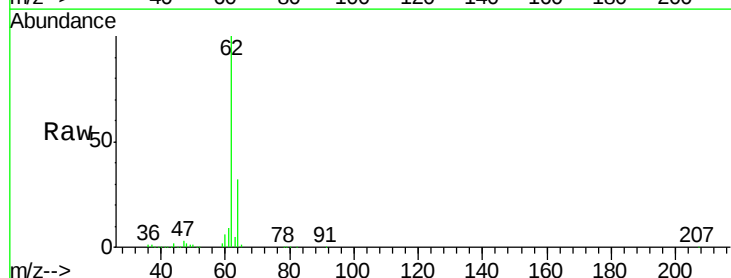
Acq: 12 Dec 2020 12:33

Tgt Ion: 62 Resp: 161814

Ion Ratio Lower Upper

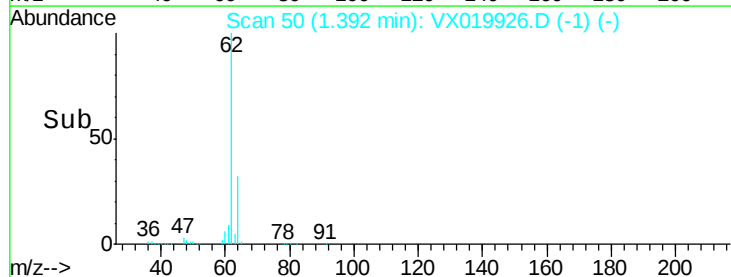
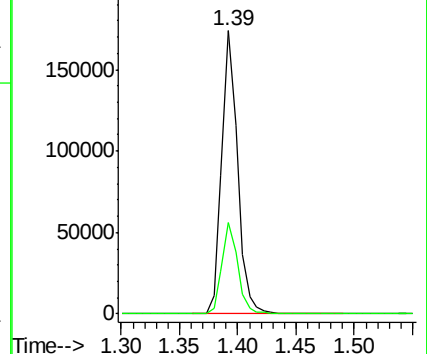
62 100

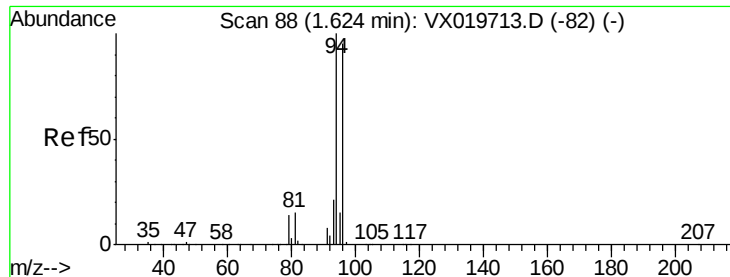
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.229 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

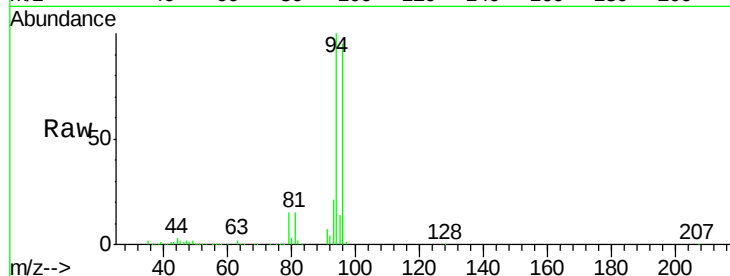
VSTDCCC050

Tgt Ion: 94 Resp: 48688

Ion Ratio Lower Upper

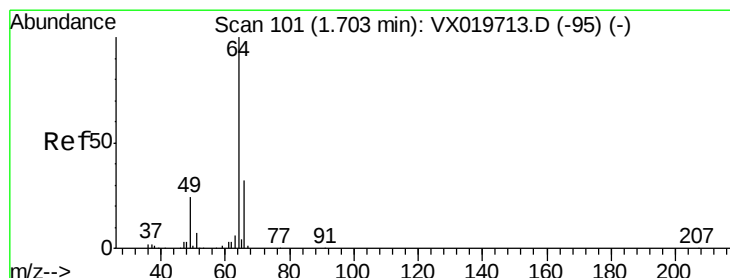
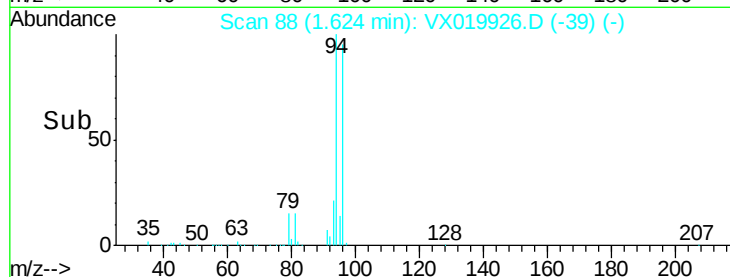
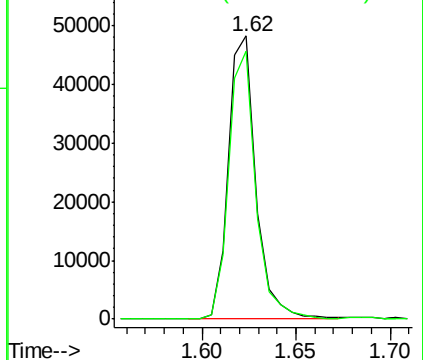
94 100

96 95.0 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.891 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019926.D

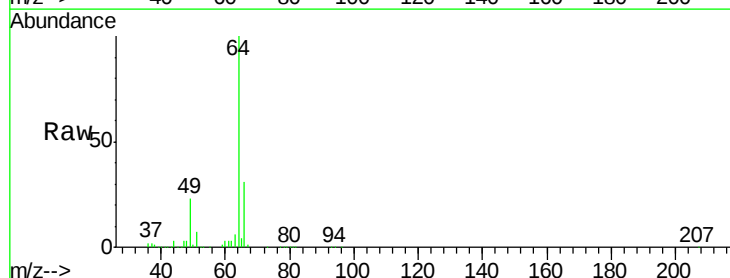
Acq: 12 Dec 2020 12:33

Tgt Ion: 64 Resp: 106104

Ion Ratio Lower Upper

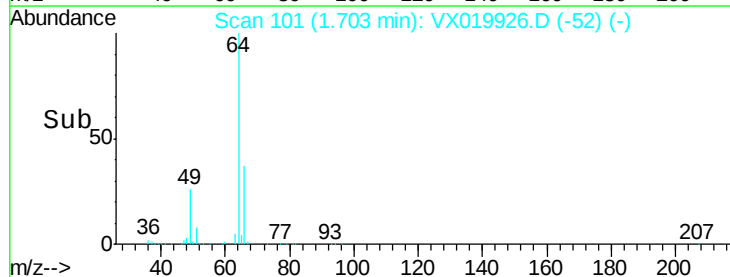
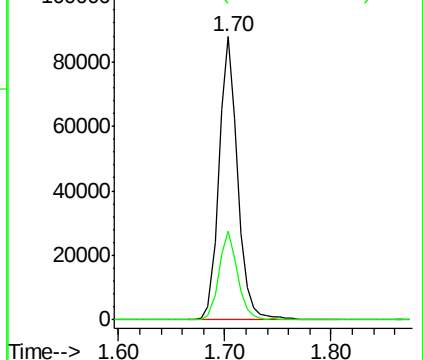
64 100

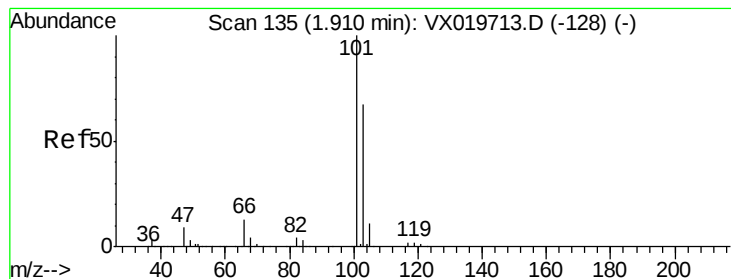
66 31.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



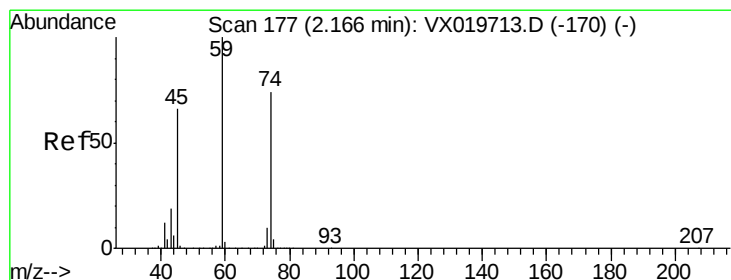
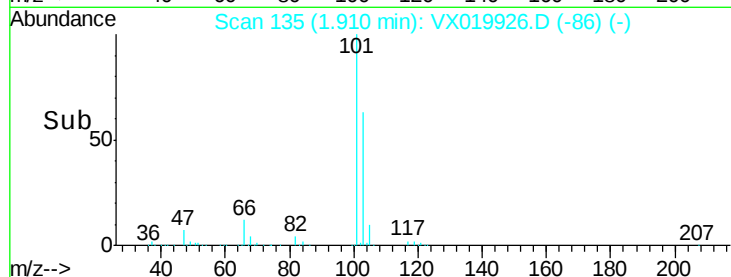
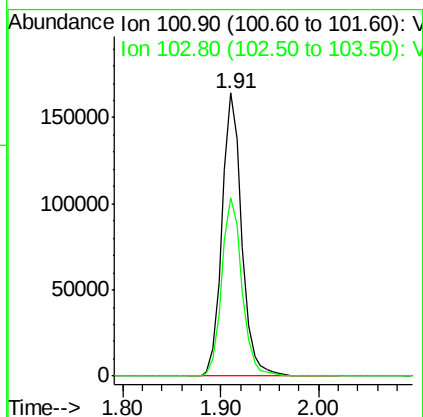
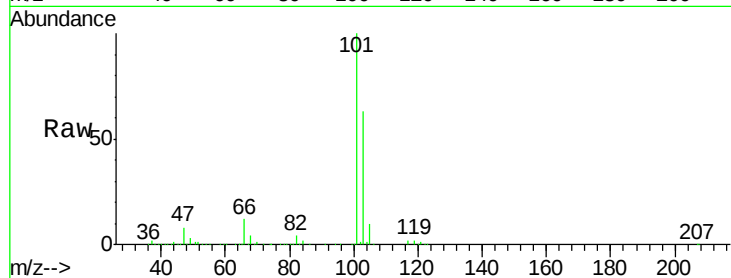


#7

Trichlorofluoromethane
Concen: 53.069 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

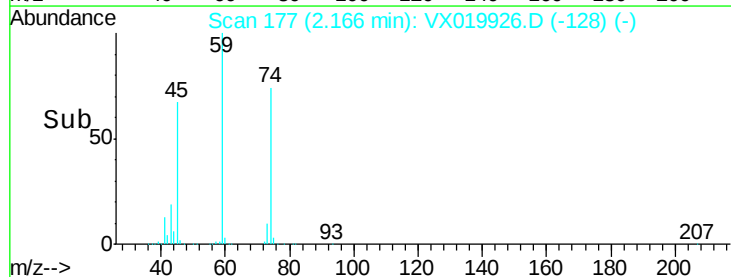
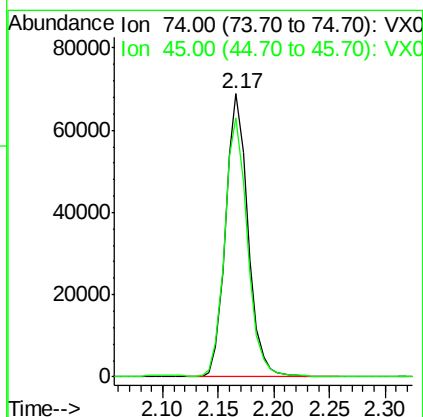
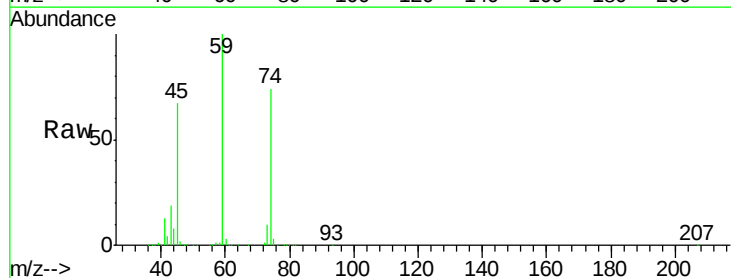
Tgt Ion:101 Resp: 229460
Ion Ratio Lower Upper
101 100
103 63.2 53.2 79.8

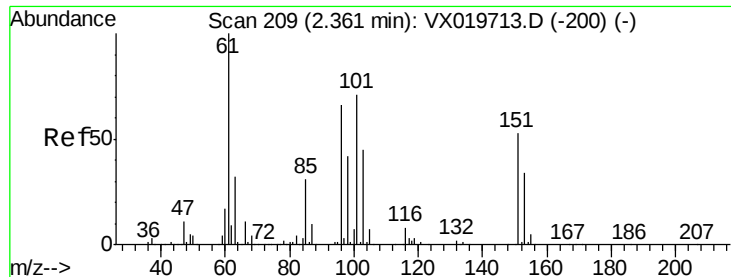


#8

Diethyl Ether
Concen: 52.244 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 74 Resp: 95727
Ion Ratio Lower Upper
74 100
45 92.7 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.543 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

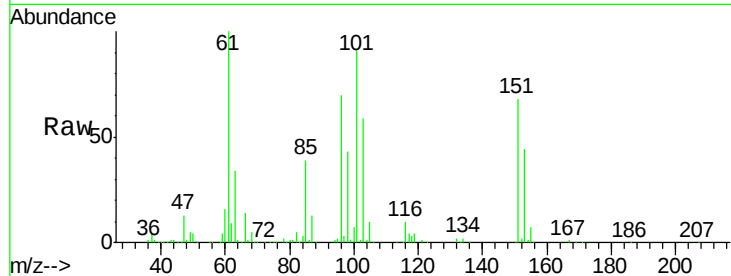
Tgt Ion:101 Resp: 142610

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

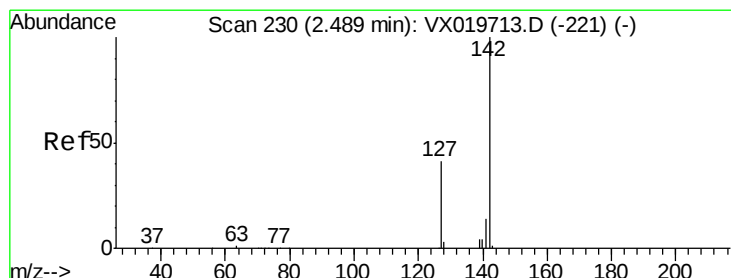
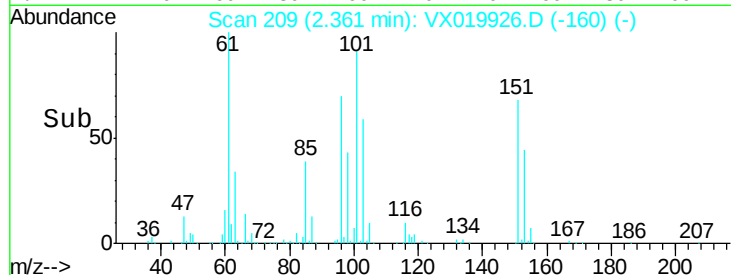
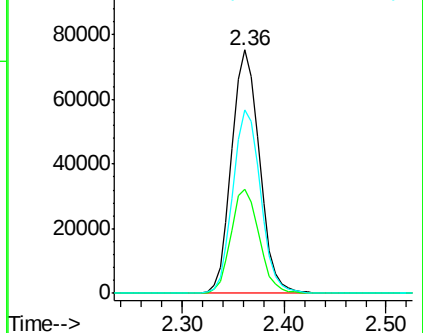
151 75.2 61.4 92.2



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: 47.158 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

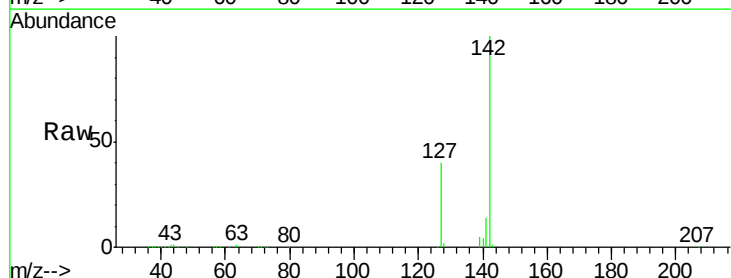
Tgt Ion:142 Resp: 172271

Ion Ratio Lower Upper

142 100

127 41.6 33.3 49.9

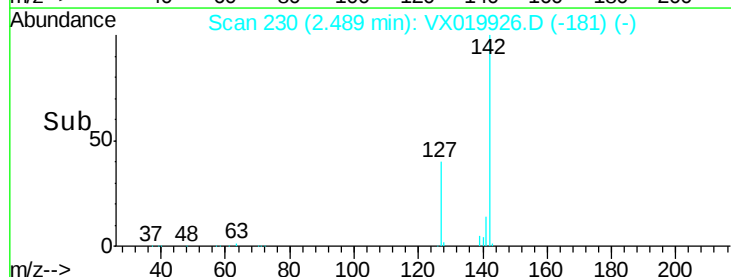
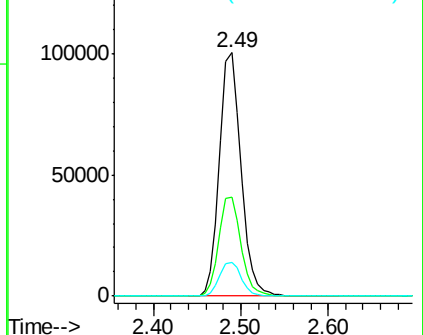
141 14.2 11.4 17.0

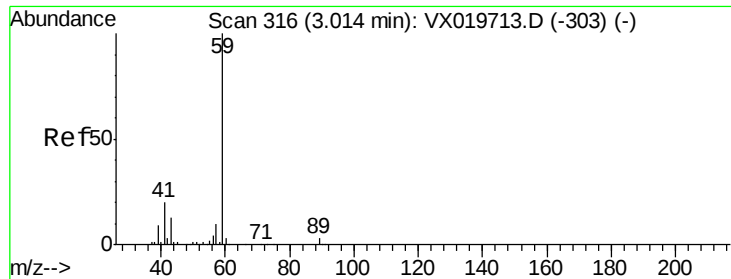


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

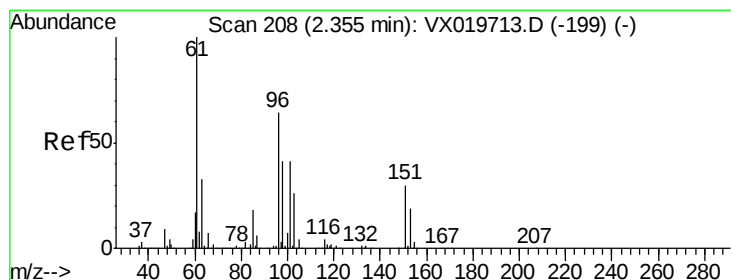
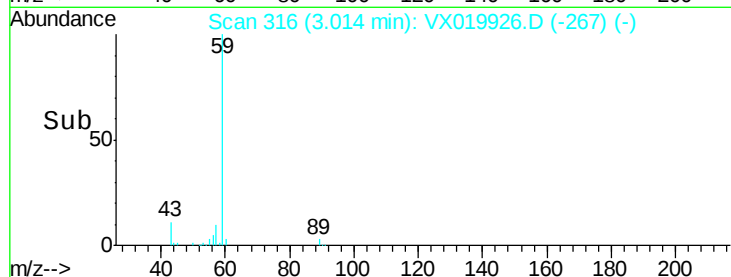
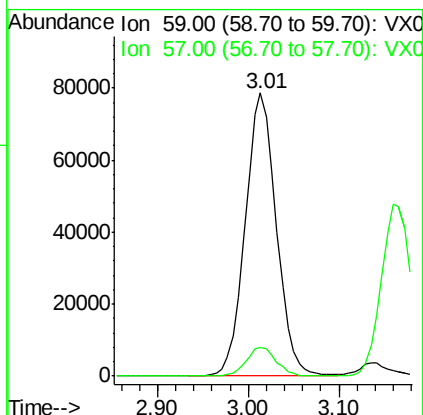
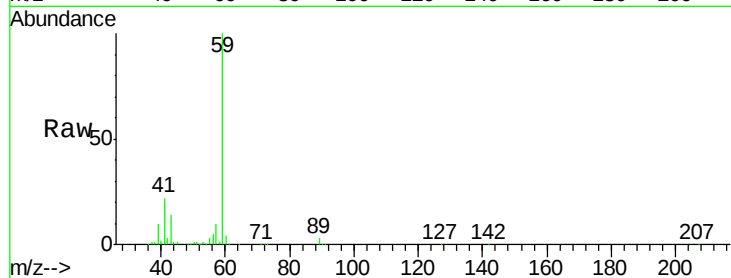




#11
Tert butyl alcohol
Concen: 252.946 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

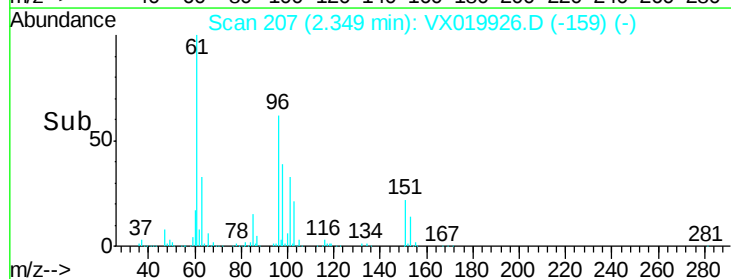
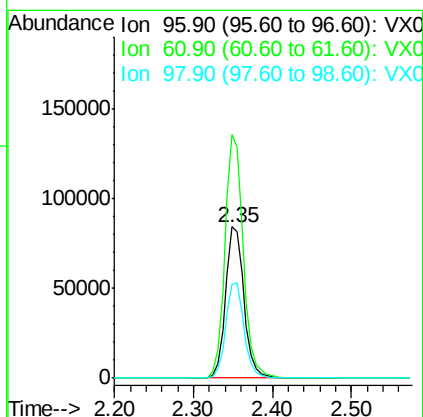
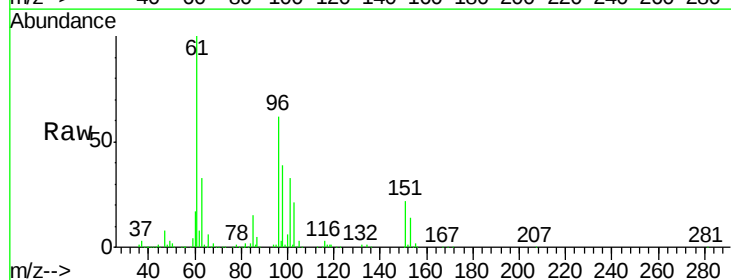
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

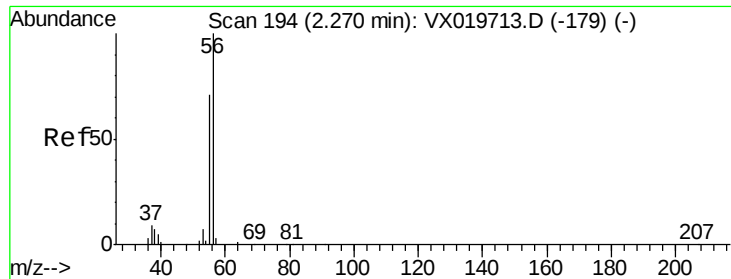
Tgt Ion: 59 Resp: 186881
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 54.199 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 96 Resp: 135799
Ion Ratio Lower Upper
96 100
61 161.0 124.6 187.0
98 62.4 50.6 76.0





#13

Acrolein

Concen: 233.782 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

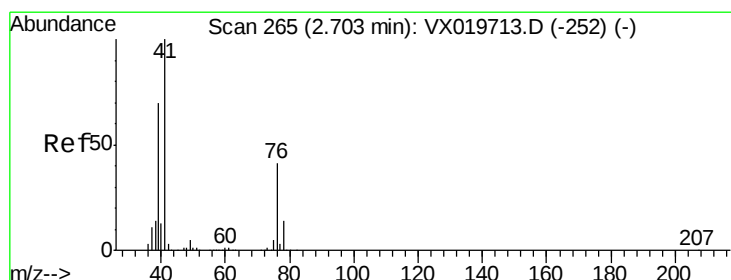
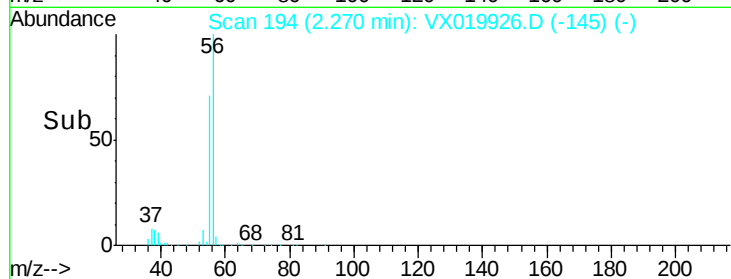
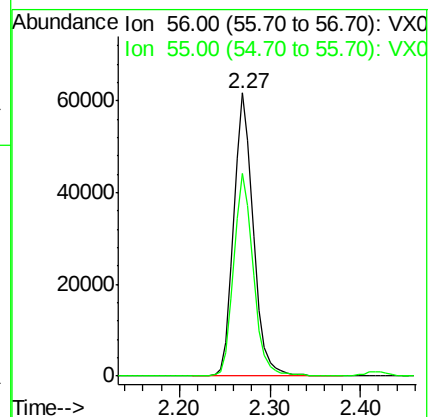
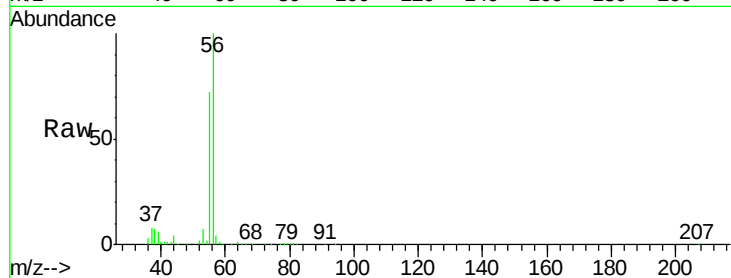
VSTDCCC050

Tgt Ion: 56 Resp: 92748

Ion Ratio Lower Upper

56 100

55 71.4 56.4 84.6



#14

Allyl chloride

Concen: 53.977 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

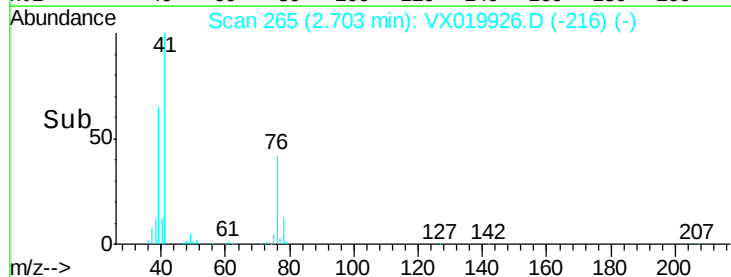
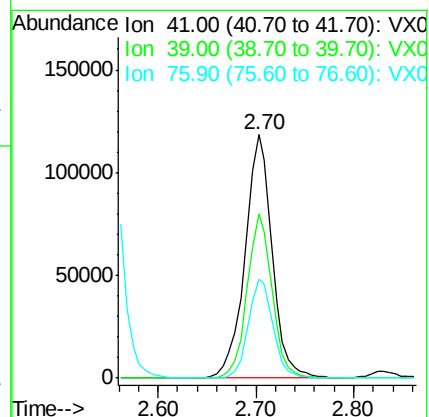
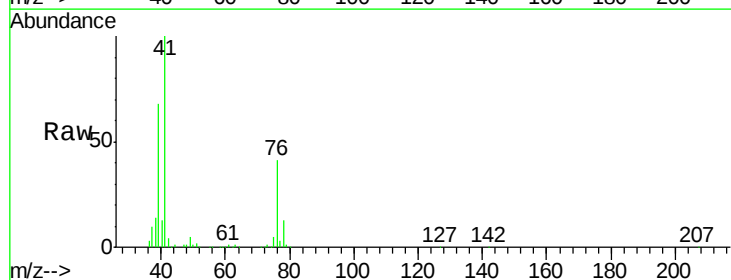
Tgt Ion: 41 Resp: 228411

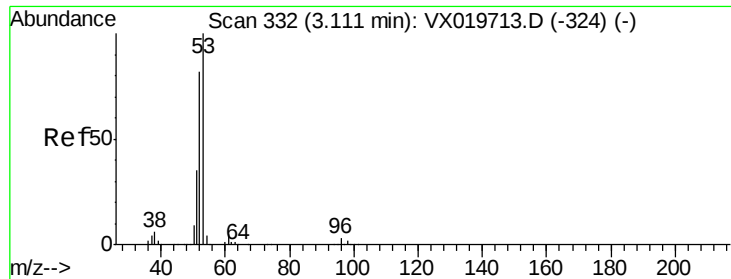
Ion Ratio Lower Upper

41 100

39 62.2 51.6 77.4

76 36.9 30.5 45.7





#15

Acrylonitrile

Concen: 273.846 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

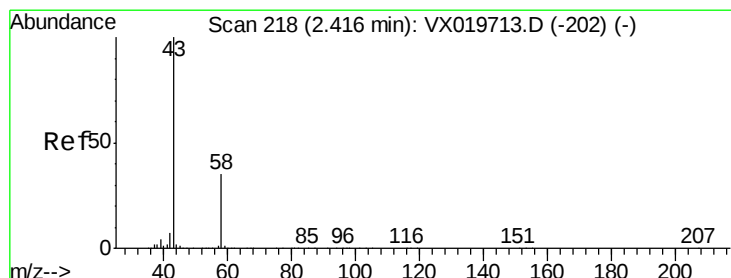
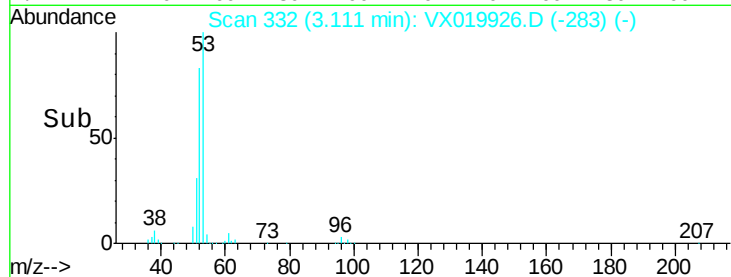
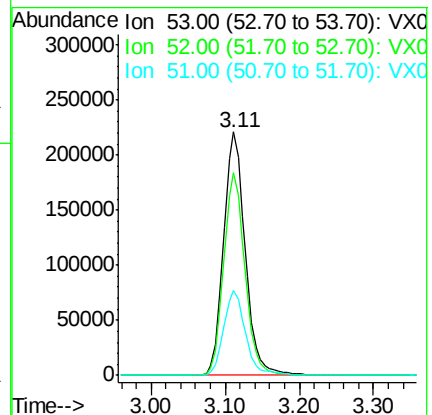
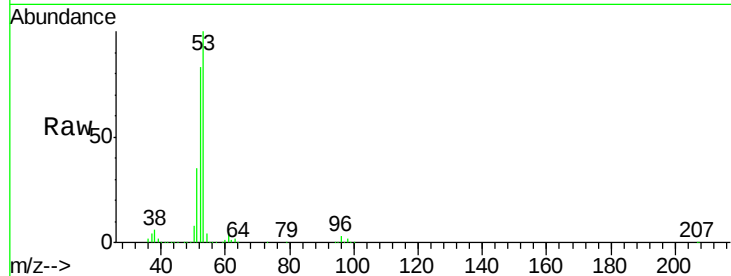
Tgt Ion: 53 Resp: 444952

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 319.692 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019926.D

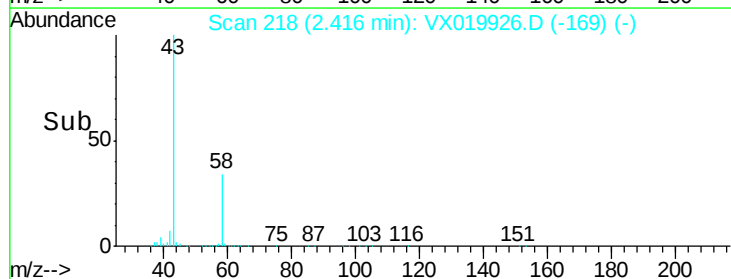
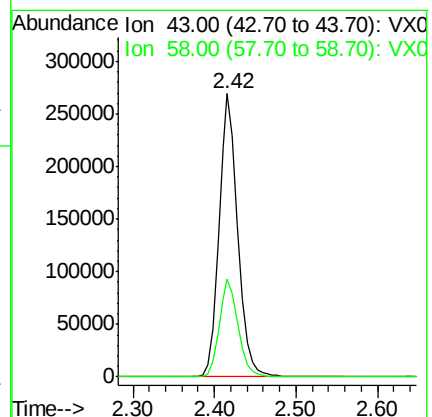
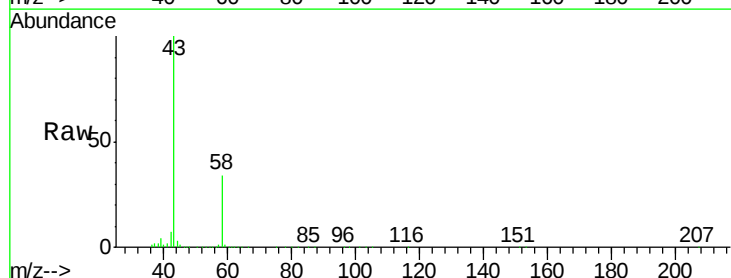
Acq: 12 Dec 2020 12:33

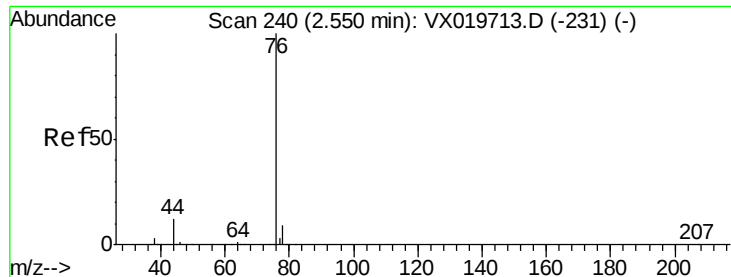
Tgt Ion: 43 Resp: 431891

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8

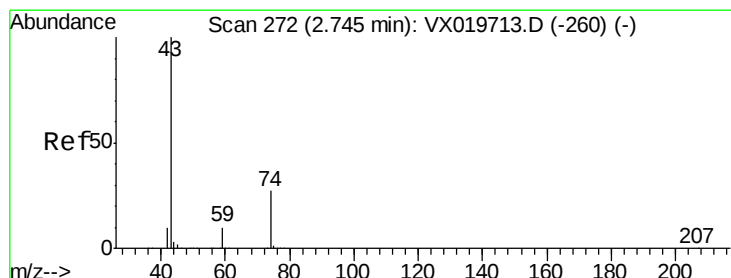
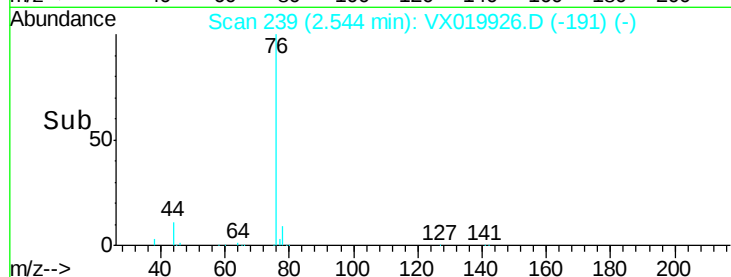
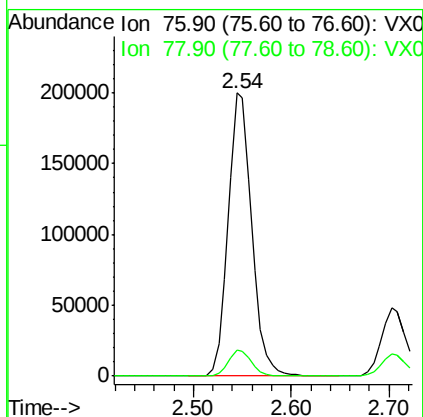
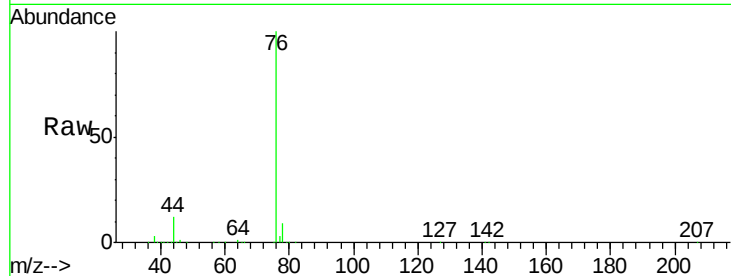




#17
Carbon Disulfide
Concen: 46.471 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

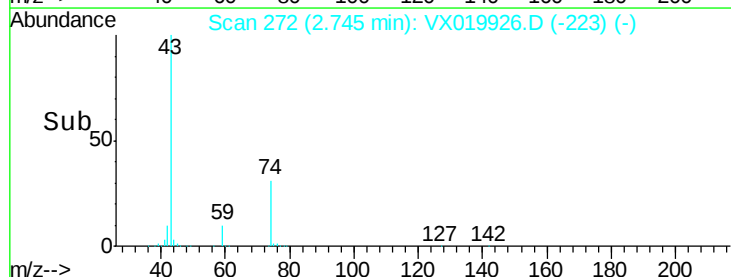
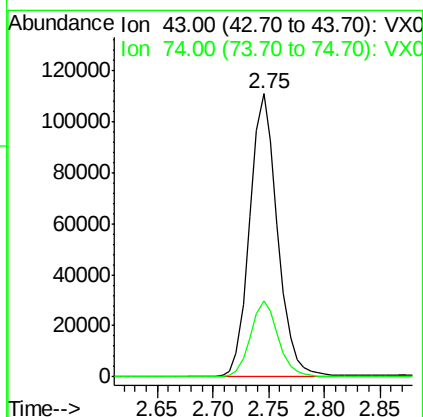
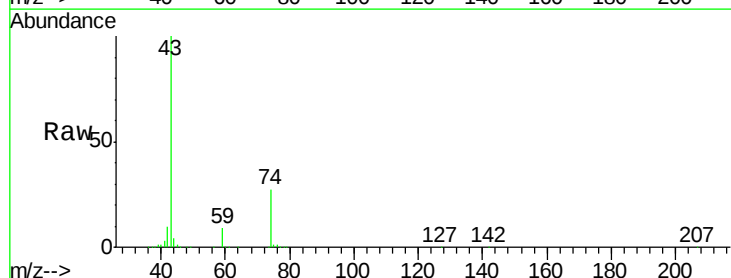
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

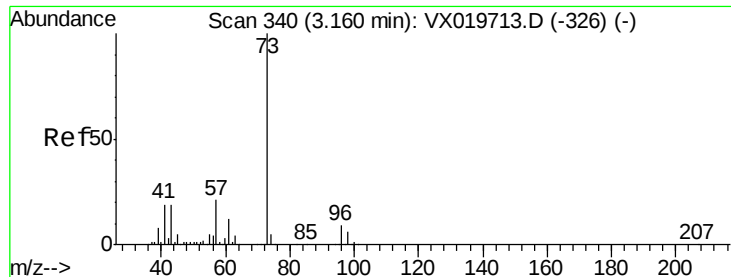
Tgt Ion: 76 Resp: 334094
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 58.208 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 43 Resp: 192432
Ion Ratio Lower Upper
43 100
74 27.0 21.9 32.9

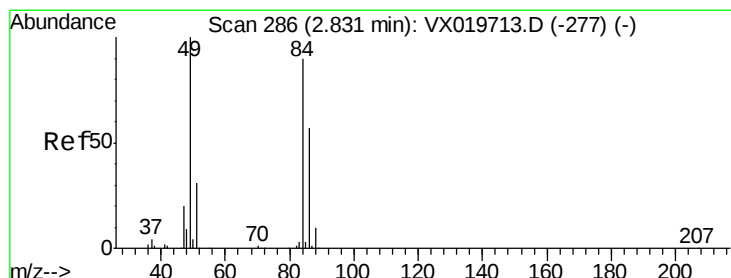
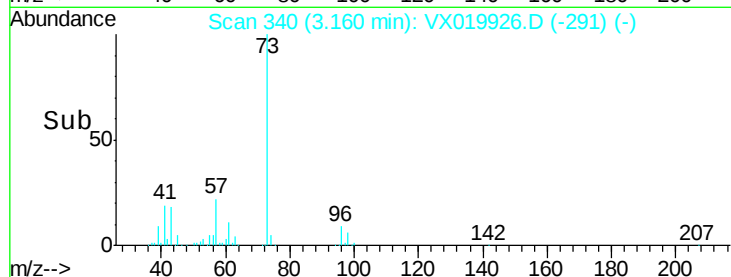
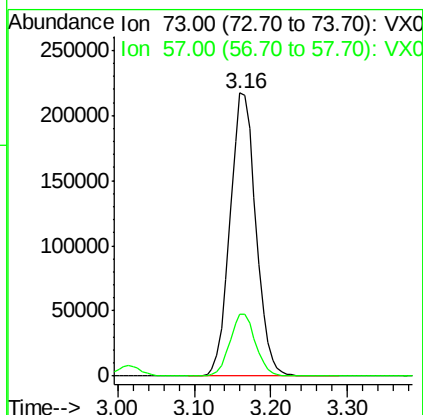
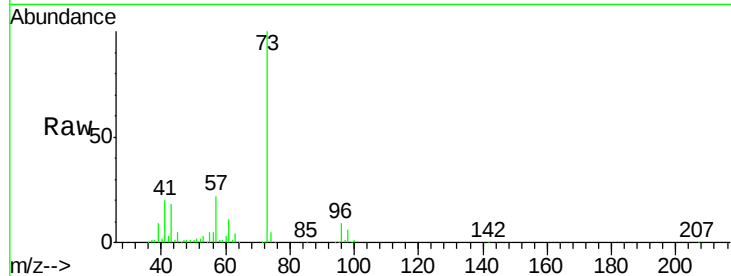




#19
Methyl tert-butyl Ether
Concen: 55.651 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

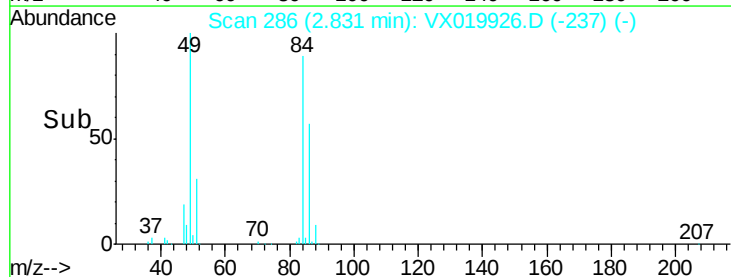
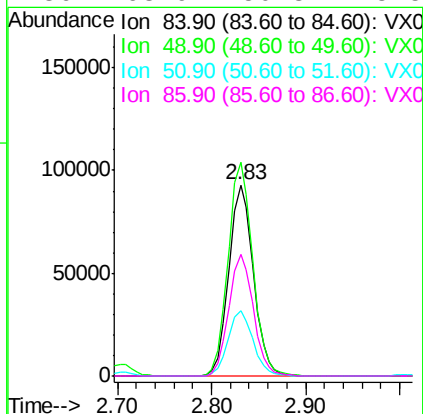
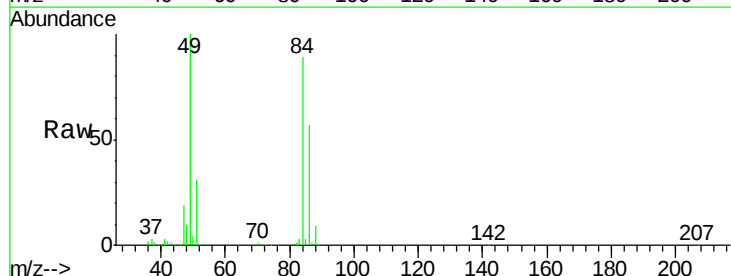
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

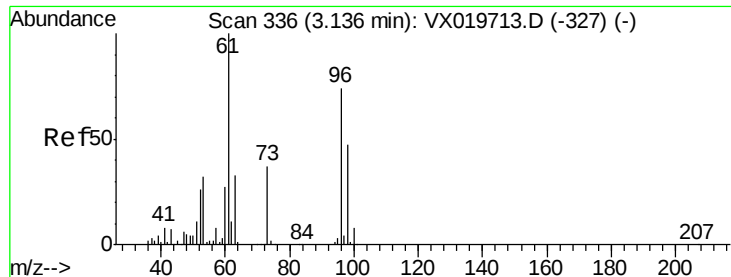
Tgt Ion: 73 Resp: 507800
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7



#20
Methylene Chloride
Concen: 54.842 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 84 Resp: 168718
Ion Ratio Lower Upper
84 100
49 112.0 88.6 132.8
51 34.5 27.0 40.6
86 63.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 52.693 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

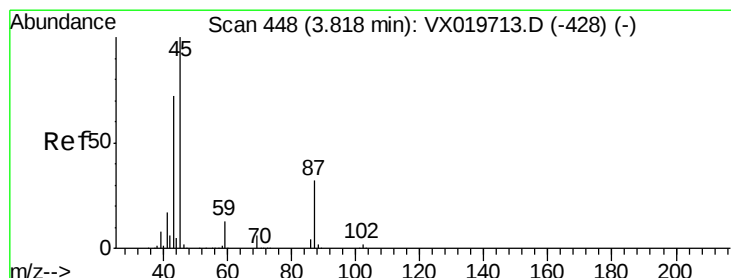
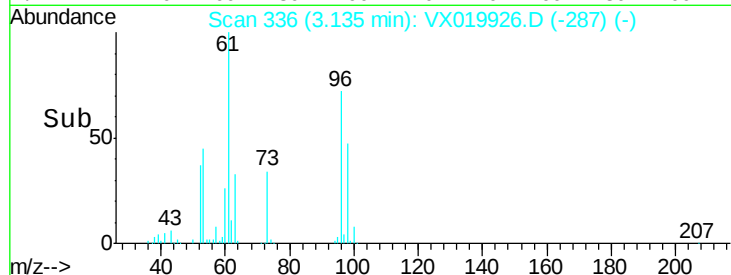
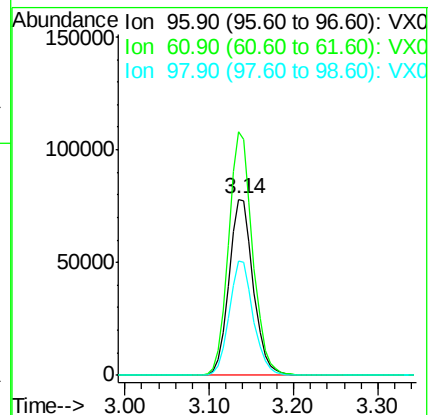
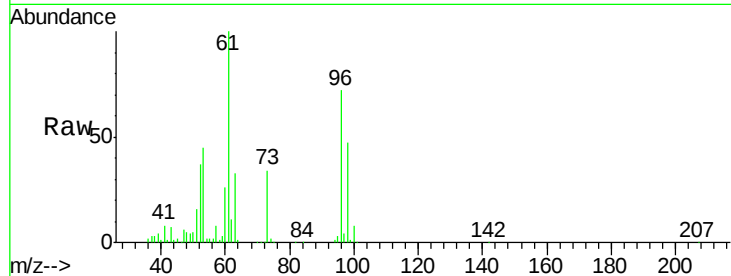
Tgt Ion: 96 Resp: 153923

Ion Ratio Lower Upper

96 100

61 138.1 107.7 161.5

98 64.5 50.4 75.6



#22

Diisopropyl ether

Concen: 57.331 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Tgt Ion: 45 Resp: 490516

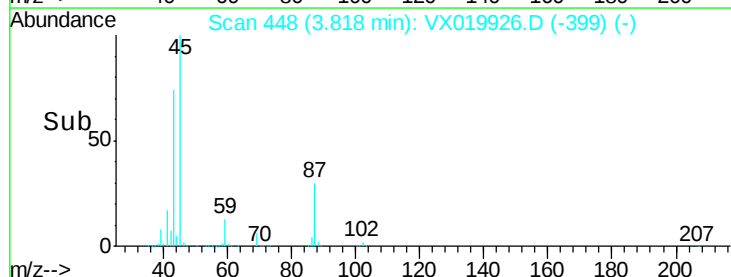
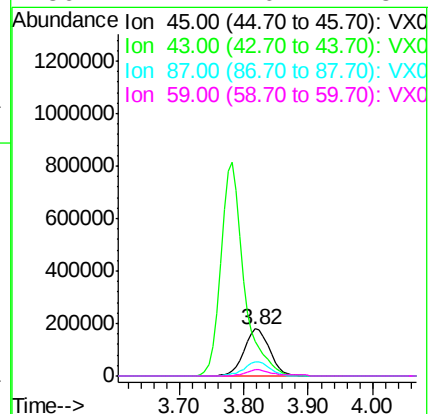
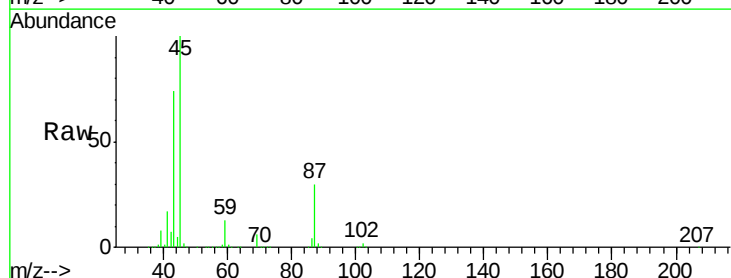
Ion Ratio Lower Upper

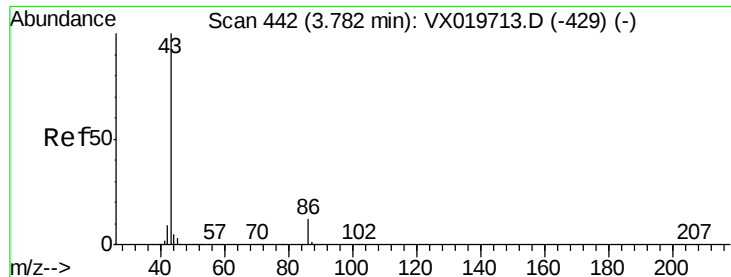
45 100

43 73.8 58.0 87.0

87 30.3 25.4 38.0

59 12.7 10.2 15.2





#23

Vinyl Acetate

Concen: 281.553 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

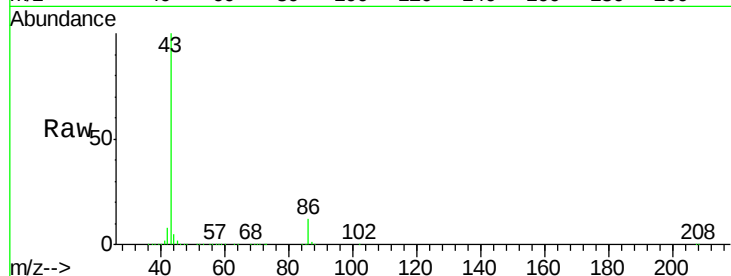
VSTDCCC050

Tgt Ion: 43 Resp: 2052288

Ion Ratio Lower Upper

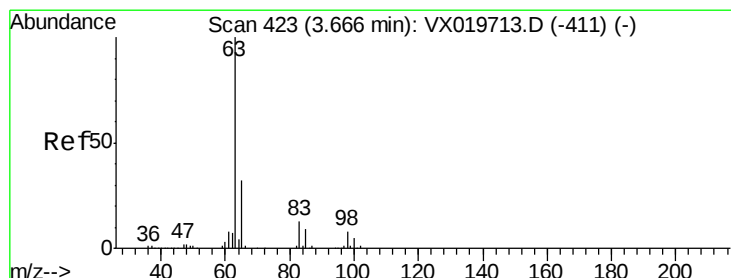
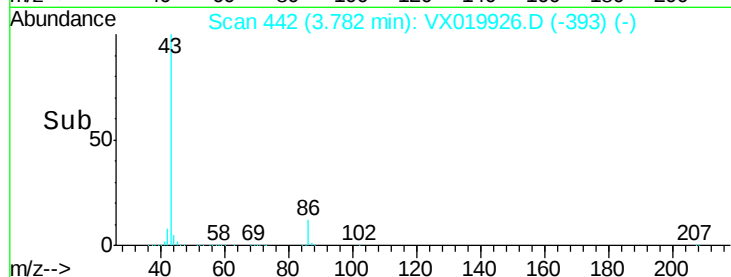
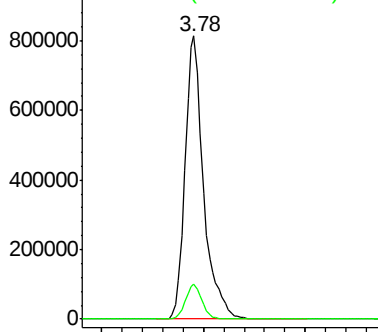
43 100

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: 55.150 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

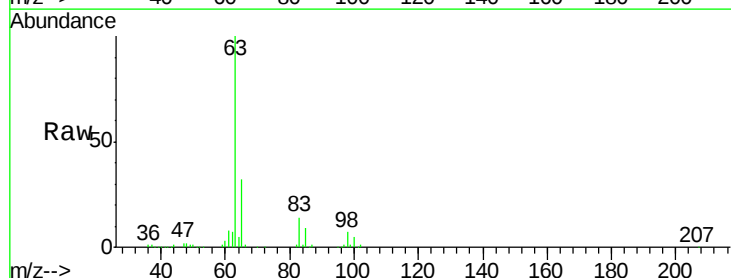
Tgt Ion: 63 Resp: 284540

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

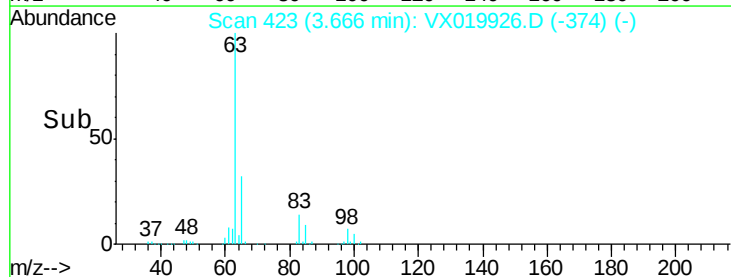
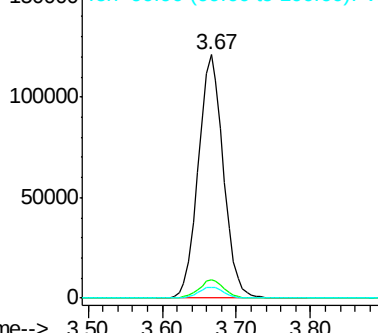
100 4.6 2.5 7.5

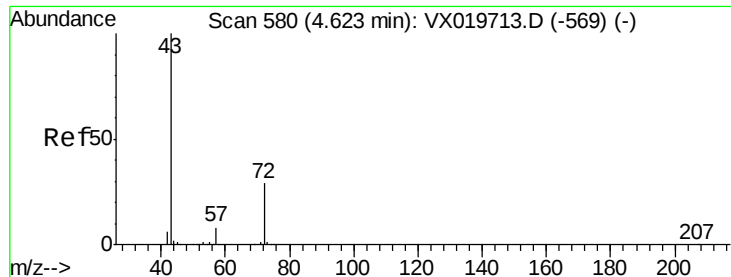


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 289.999 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

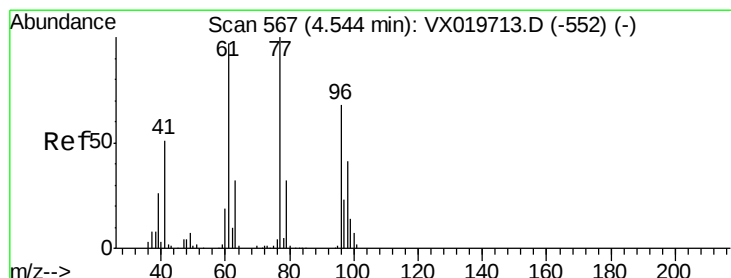
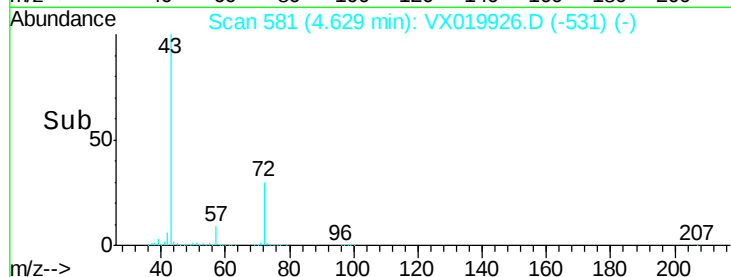
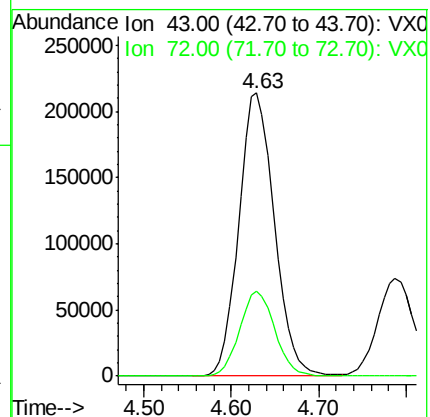
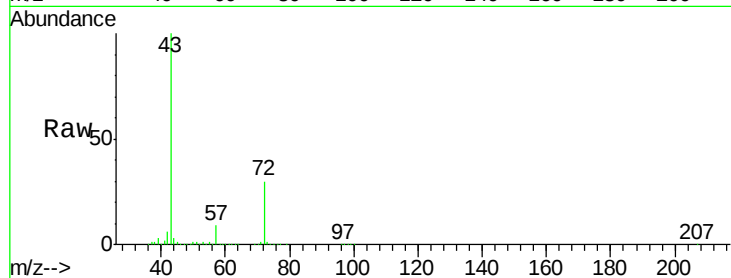
VSTDCCC050

Tgt Ion: 43 Resp: 602004

Ion Ratio Lower Upper

43 100

72 30.1 23.7 35.5



#26

2,2-Dichloropropane

Concen: 54.264 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019926.D

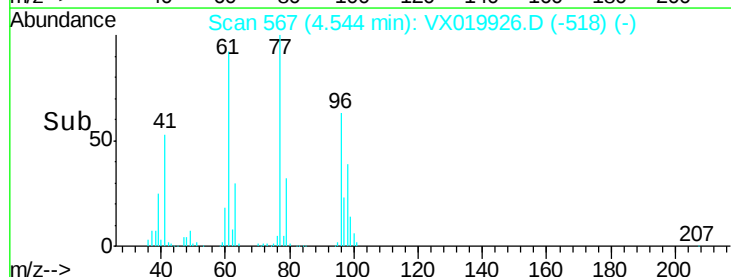
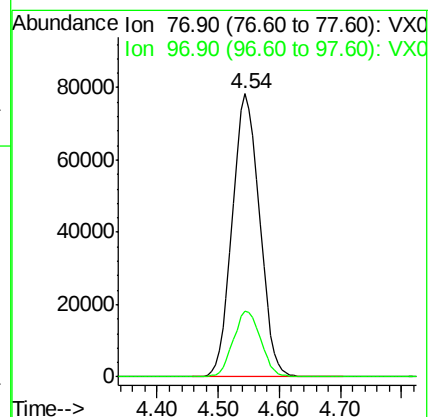
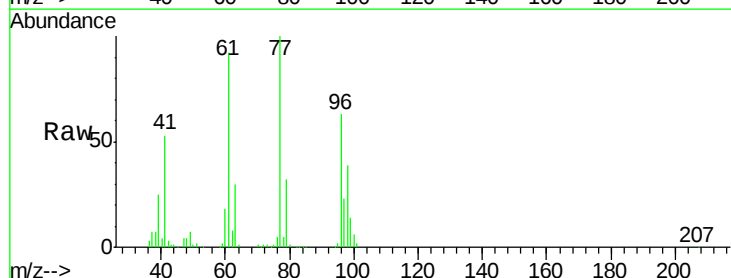
Acq: 12 Dec 2020 12:33

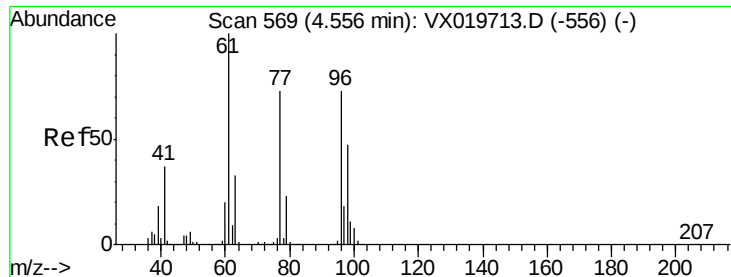
Tgt Ion: 77 Resp: 241103

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 53.796 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

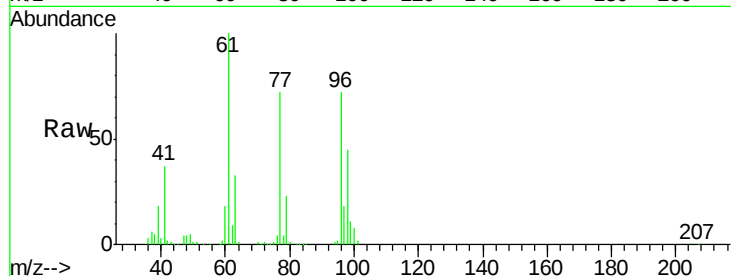
Tgt Ion: 96 Resp: 183901

Ion Ratio Lower Upper

96 100

61 141.5 0.0 285.6

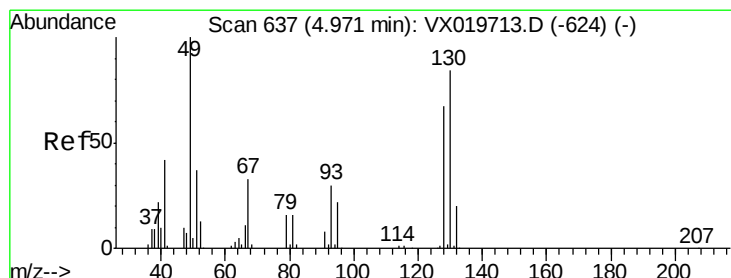
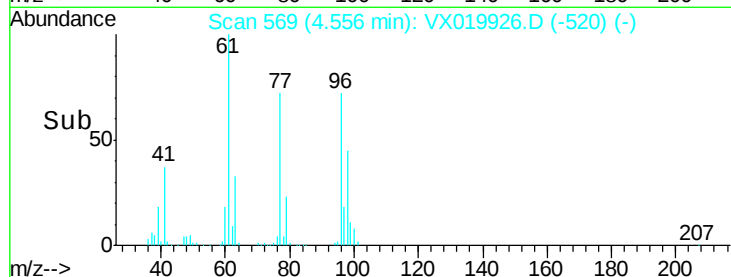
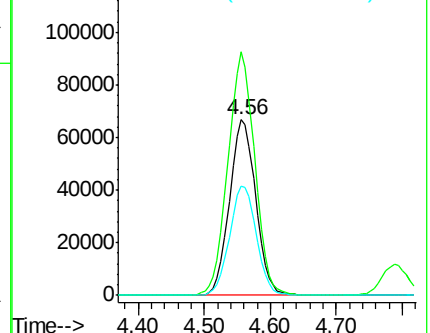
98 63.4 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.336 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

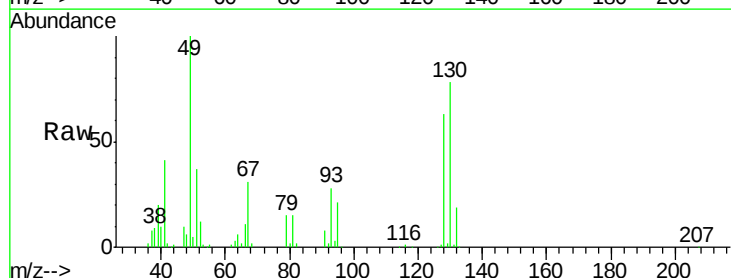
Tgt Ion: 49 Resp: 123802

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

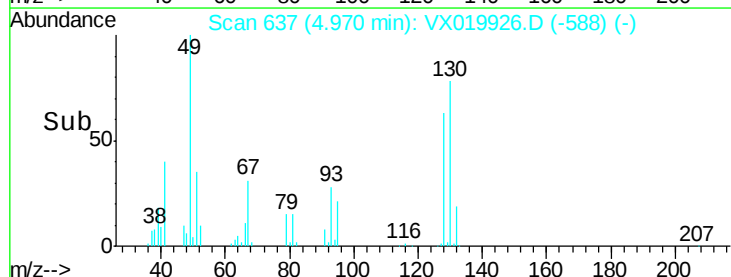
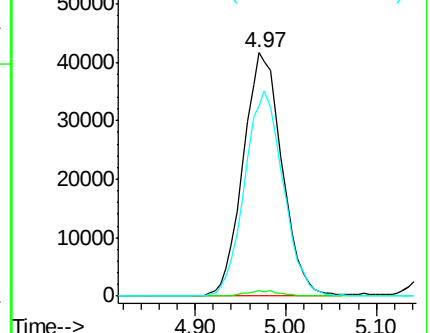
130 83.6 68.2 102.2

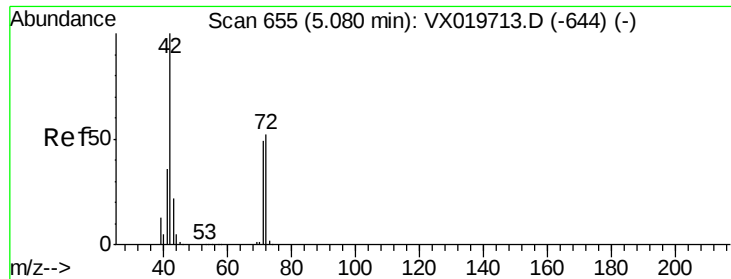


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

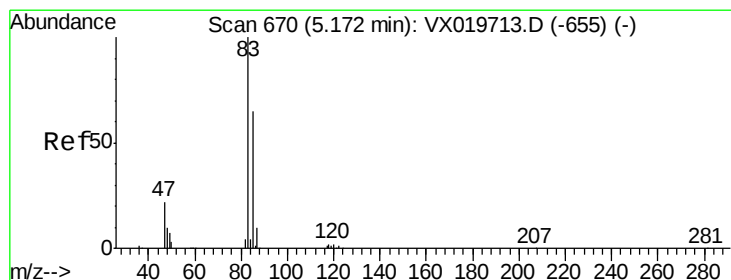
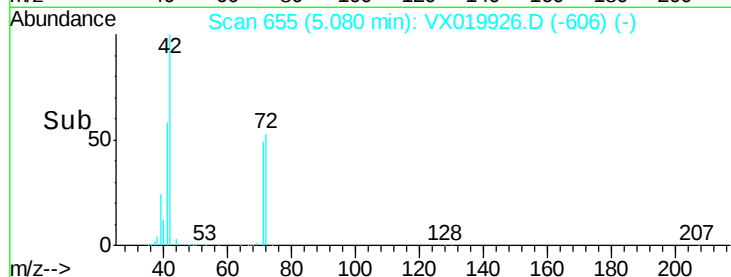
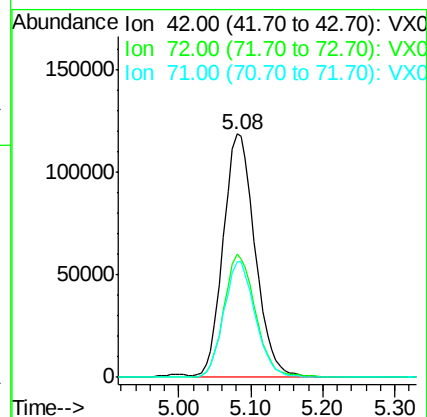
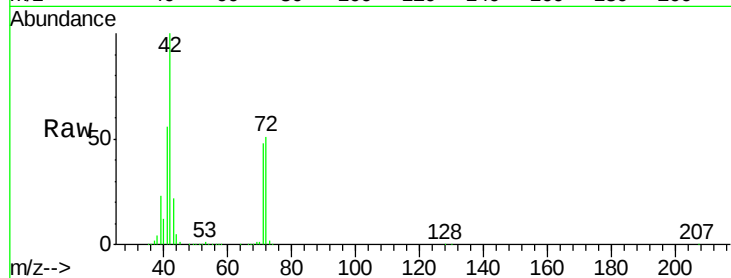




#29
Tetrahydrofuran
Concen: 271.448 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

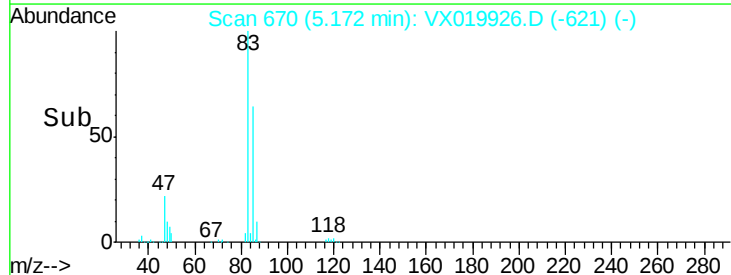
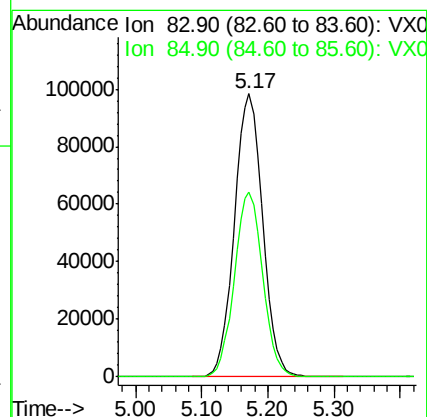
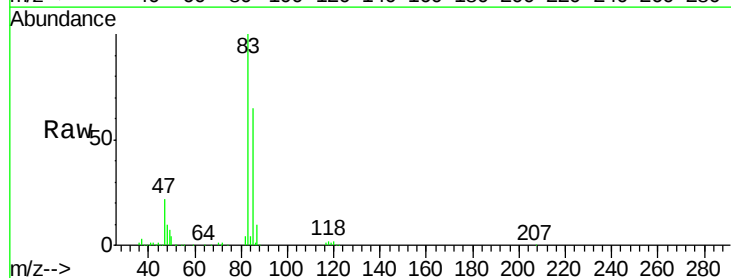
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

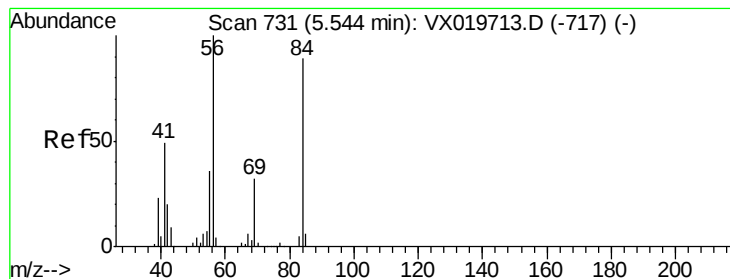
Tgt Ion: 42 Resp: 363053
Ion Ratio Lower Upper
42 100
72 50.7 41.7 62.5
71 47.3 38.4 57.6



#30
Chloroform
Concen: 55.024 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 83 Resp: 291905
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0





#31

Cyclohexane

Concen: 53.722 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

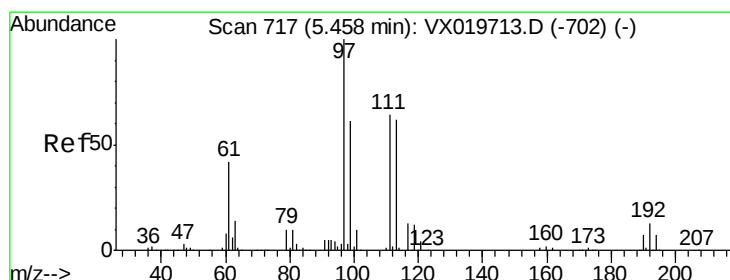
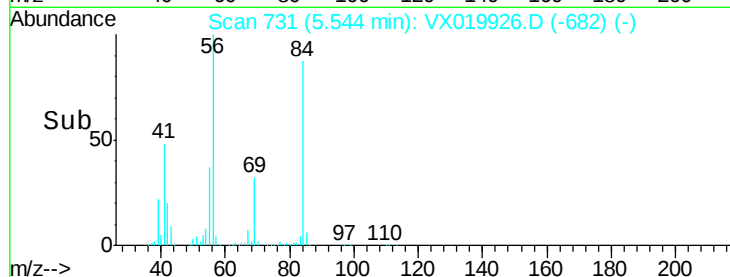
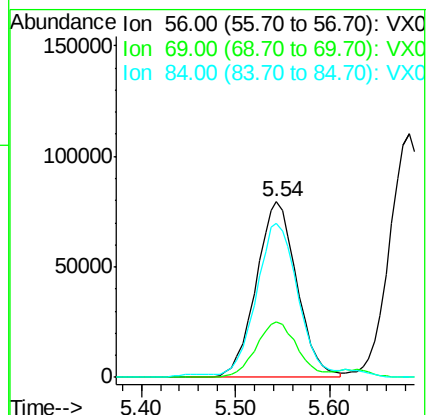
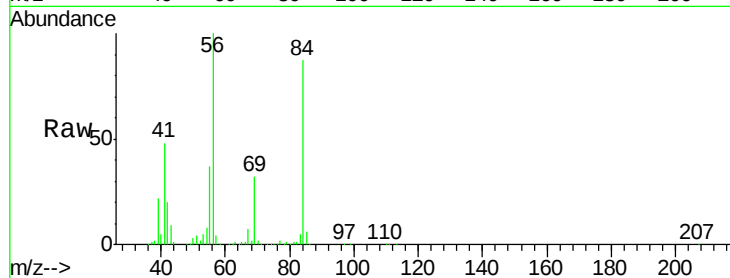
Tgt Ion: 56 Resp: 240182

Ion Ratio Lower Upper

56 100

69 31.5 25.3 37.9

84 85.5 71.4 107.0



#32

1,1,1-Trichloroethane

Concen: 54.496 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

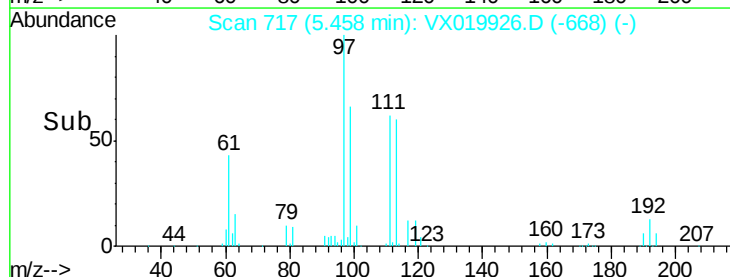
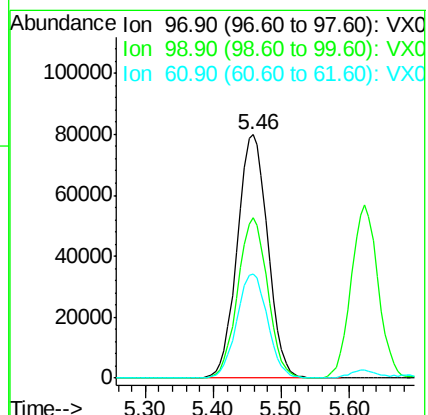
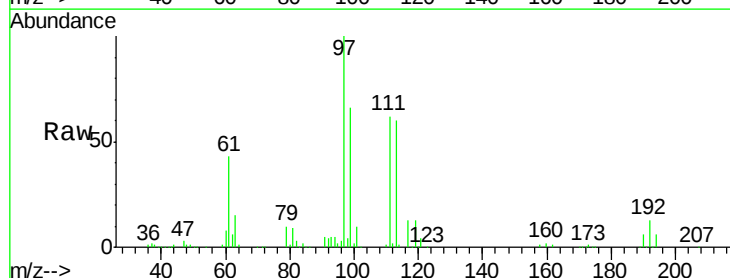
Tgt Ion: 97 Resp: 248971

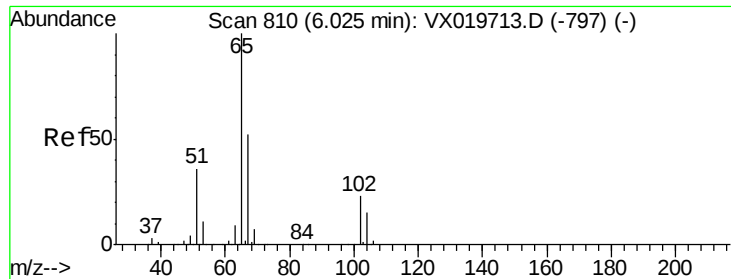
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 43.2 34.2 51.4

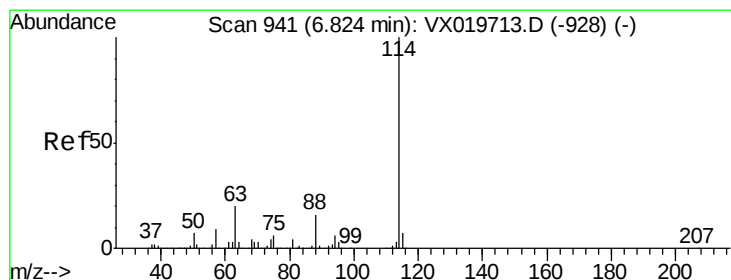
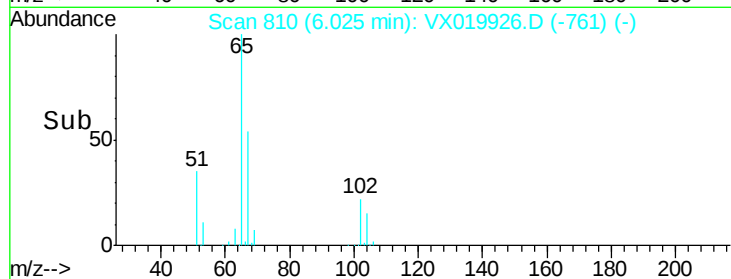
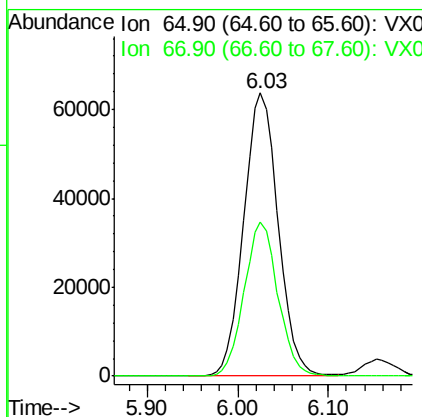
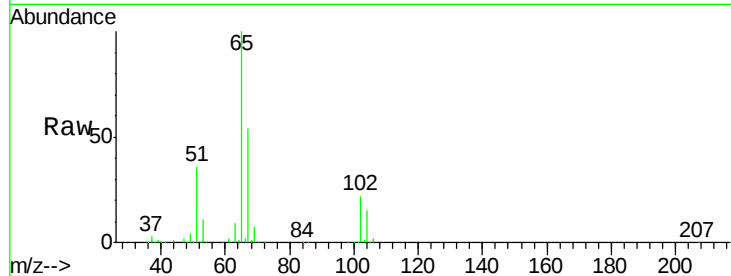




#33
 1,2-Dichloroethane-d4
 Concen: 46.698 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

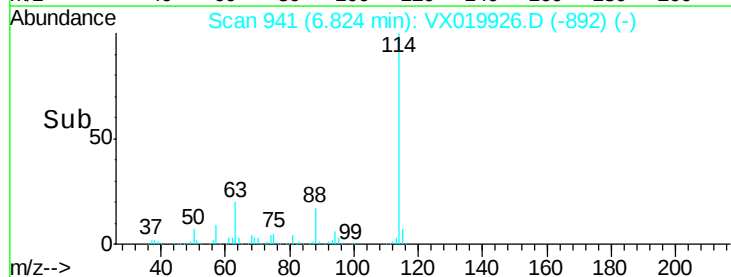
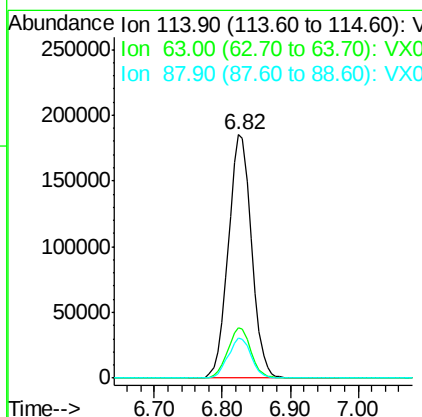
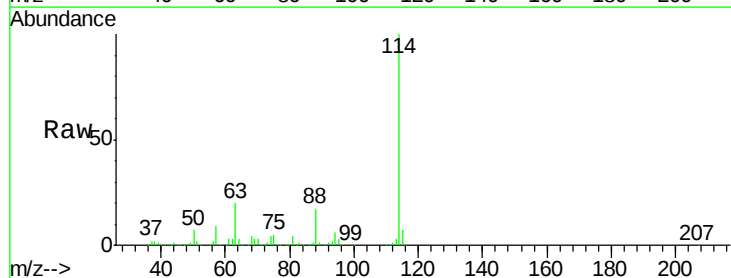
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

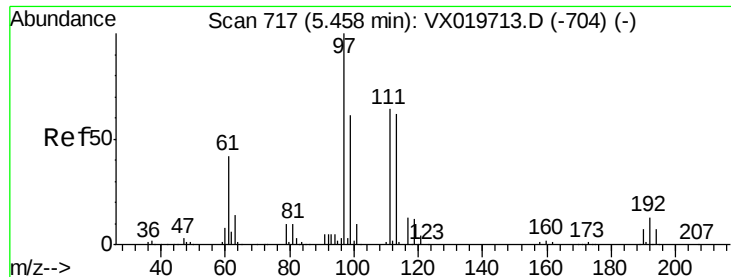
Tgt Ion: 65 Resp: 167841
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion: 114 Resp: 437184
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.6 0.0 32.8

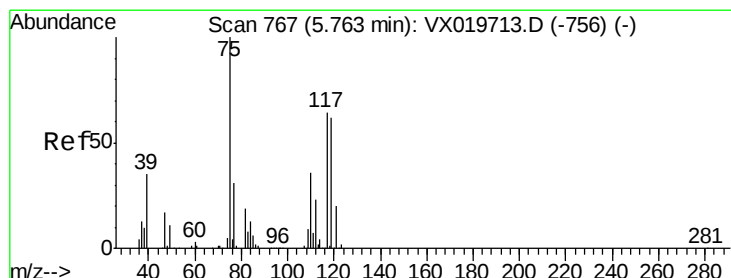
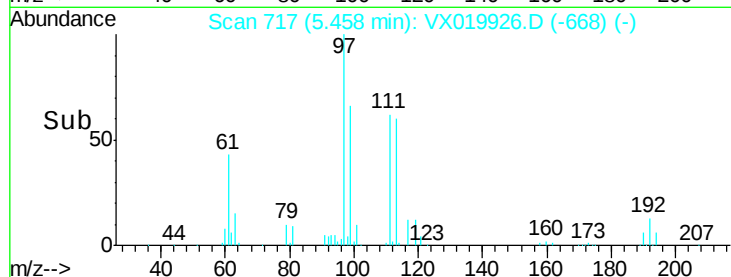
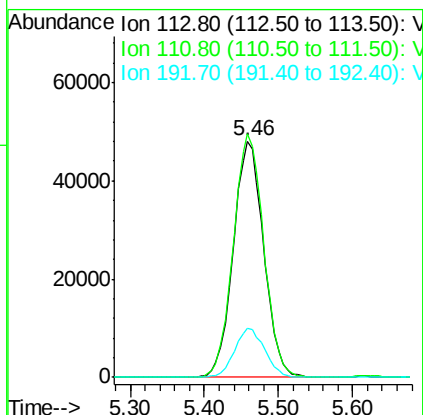
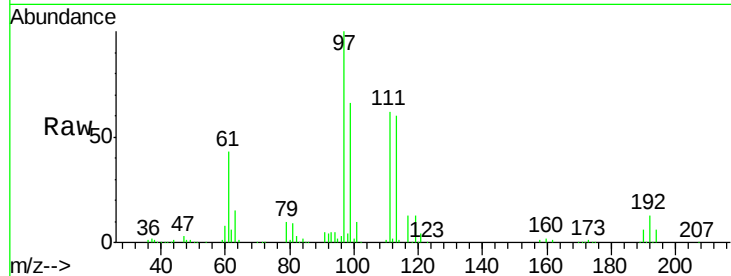




#35
 Dibromofluoromethane
 Concen: 48.665 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

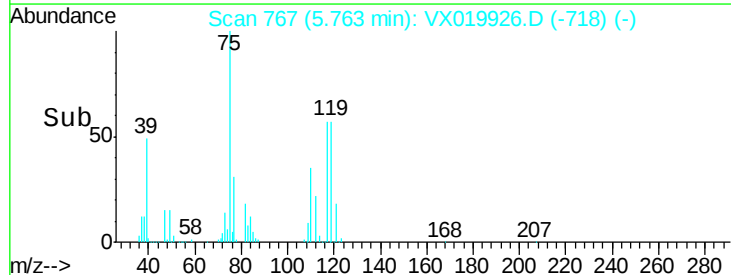
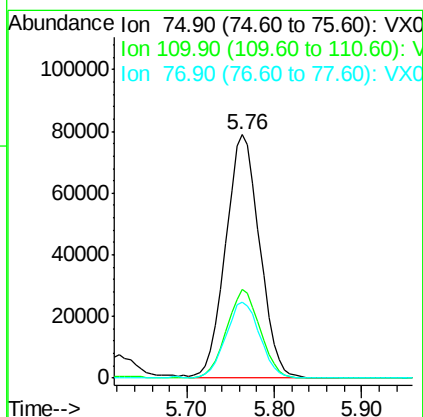
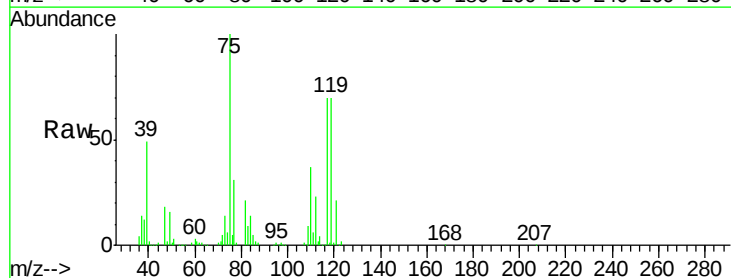
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

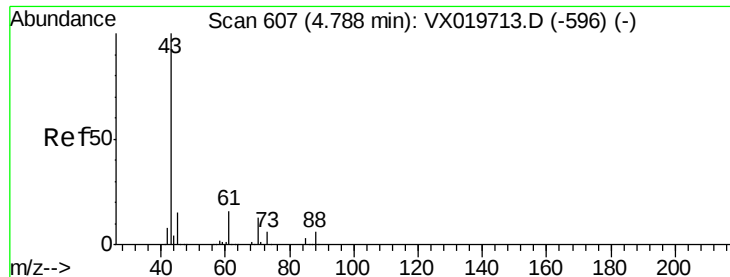
Tgt Ion: 113 Resp: 137500
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 20.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 53.740 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion: 75 Resp: 212303
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.1 54.4
 77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 54.717 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

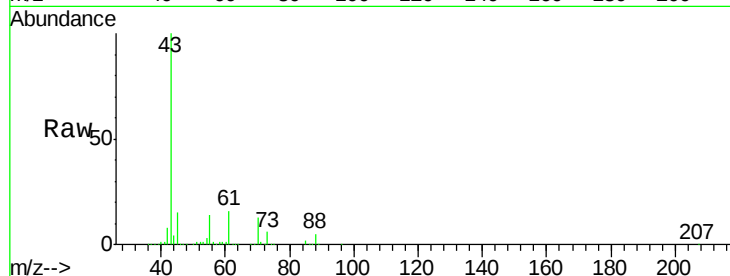
Tgt Ion: 43 Resp: 218250

Ion Ratio Lower Upper

43 100

61 15.7 12.8 19.2

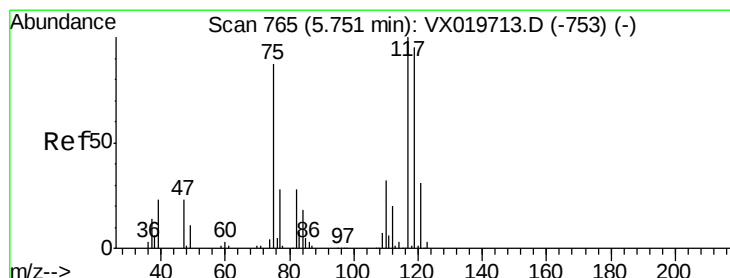
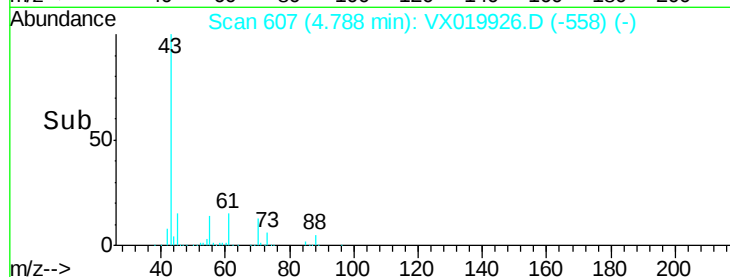
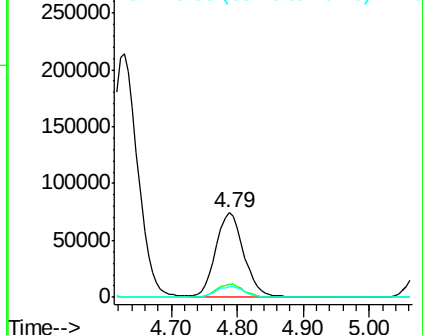
70 12.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.077 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

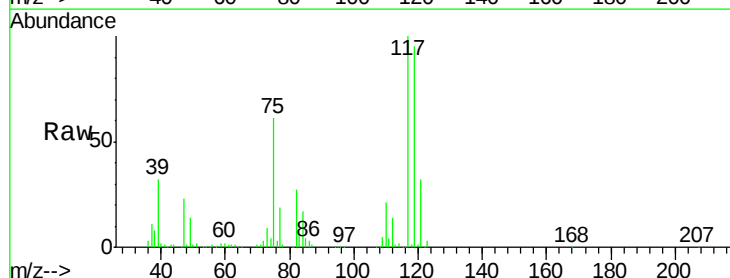
Tgt Ion: 117 Resp: 209202

Ion Ratio Lower Upper

117 100

119 94.4 76.2 114.2

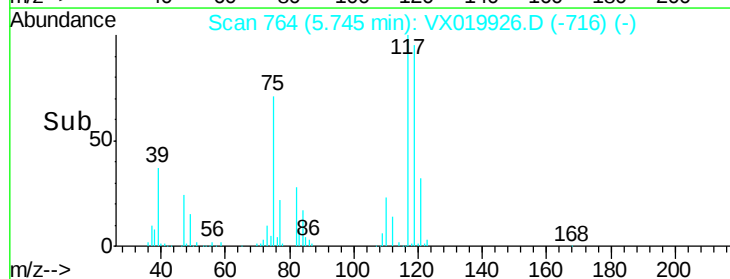
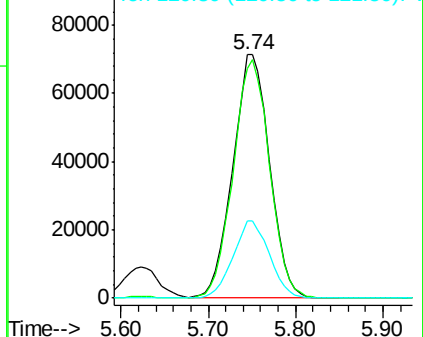
121 31.7 24.8 37.2

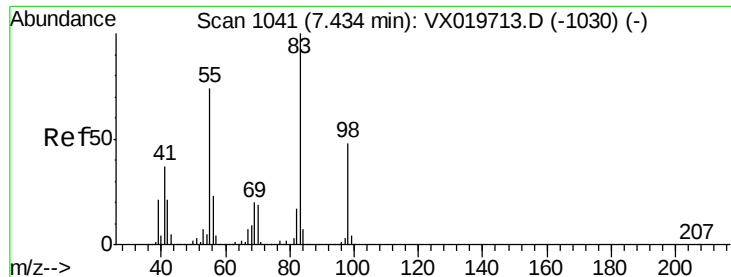


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

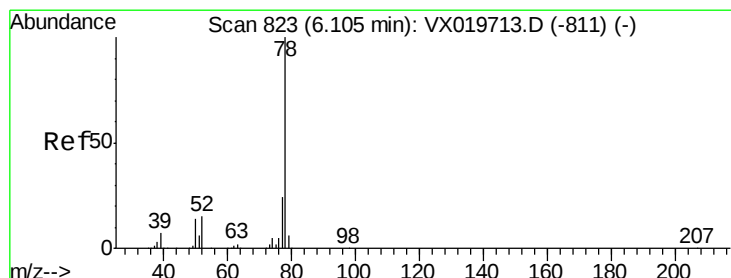
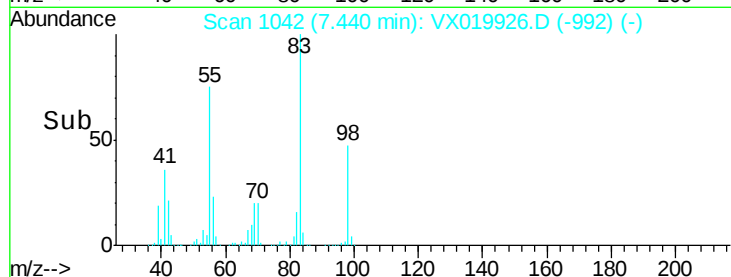
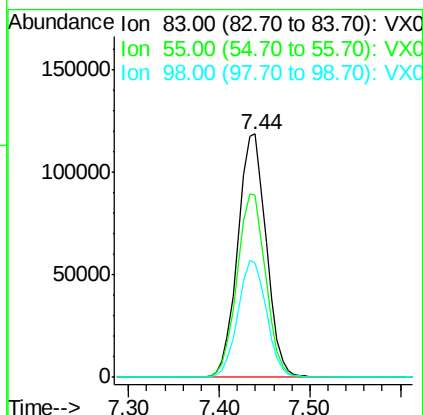
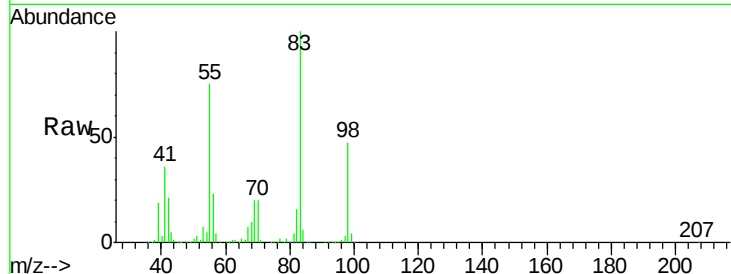




#39
Methylcyclohexane
Concen: 55.816 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

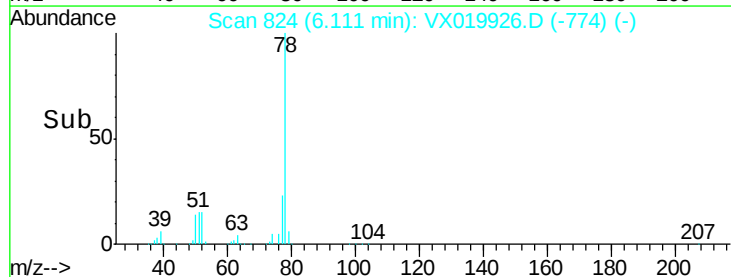
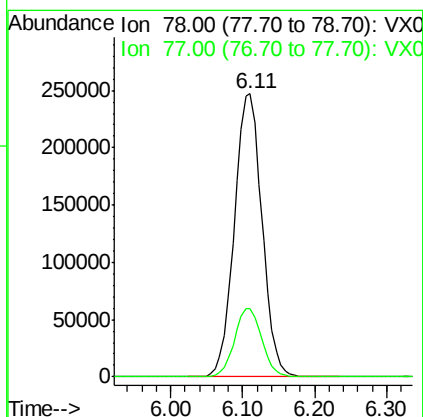
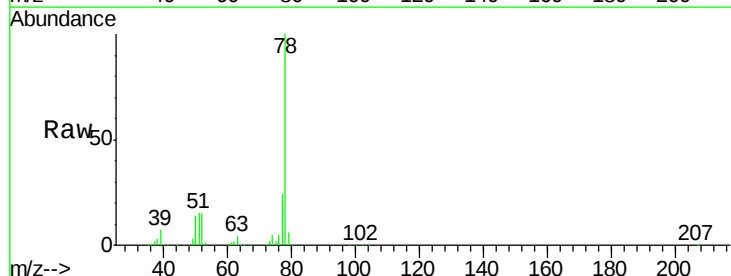
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

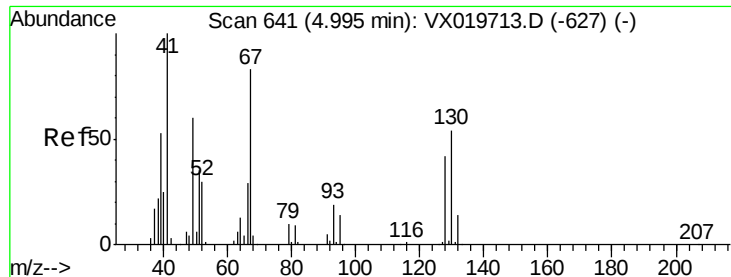
Tgt Ion: 83 Resp: 259066
Ion Ratio Lower Upper
83 100
55 75.0 58.9 88.3
98 47.0 38.1 57.1



#40
Benzene
Concen: 54.451 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 78 Resp: 657100
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#41

Methacrylonitrile

Concen: 55.176 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 120836

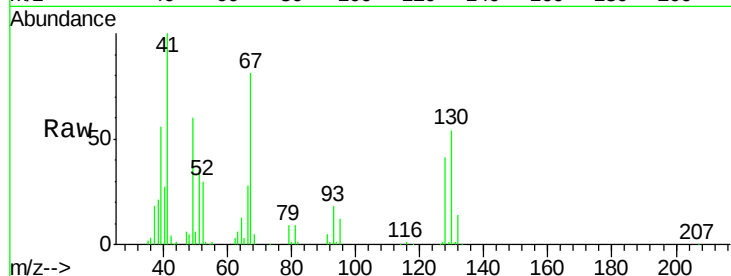
Ion Ratio Lower Upper

41 100

39 52.9 42.5 63.7

67 82.1 65.0 97.6

52 31.7 25.3 37.9

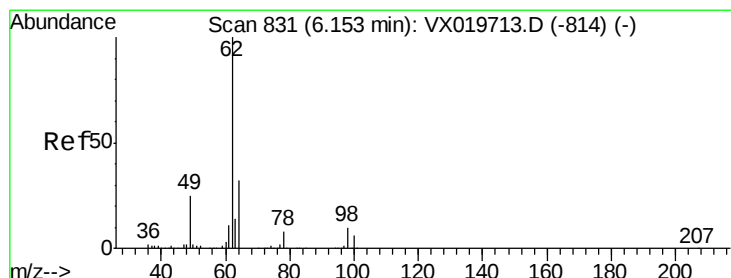
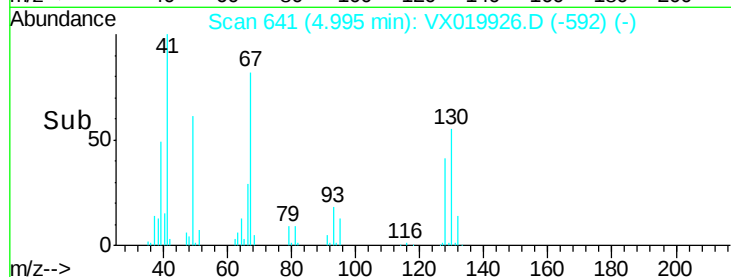
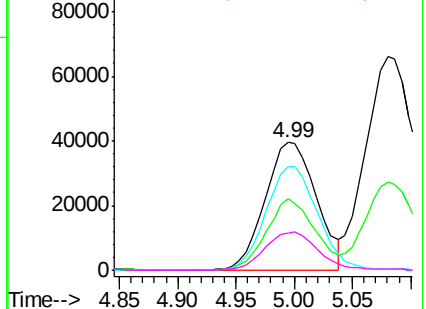


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.607 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.01 min

Lab File: VX019926.D

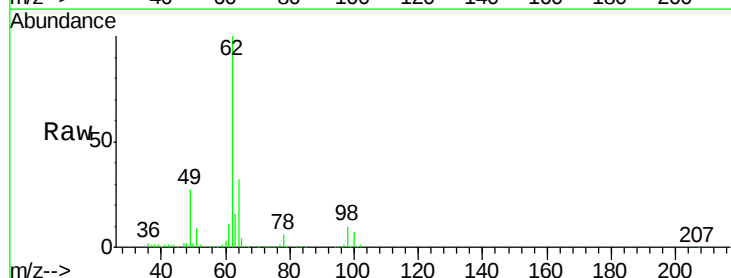
Acq: 12 Dec 2020 12:33

Tgt Ion: 62 Resp: 229274

Ion Ratio Lower Upper

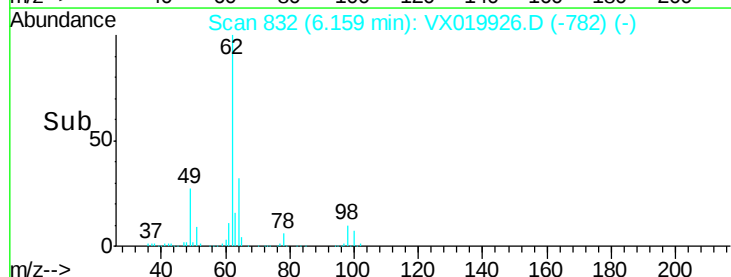
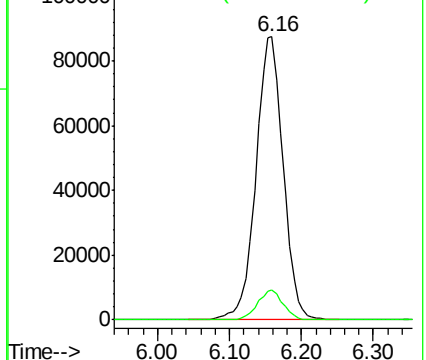
62 100

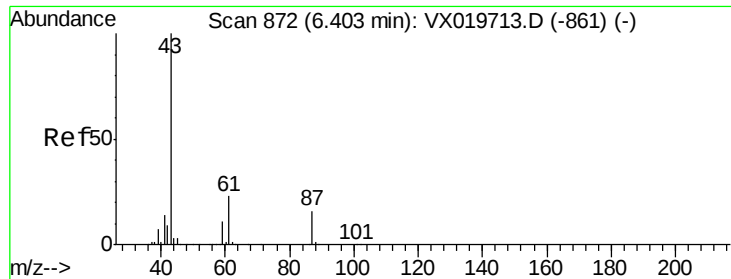
98 10.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



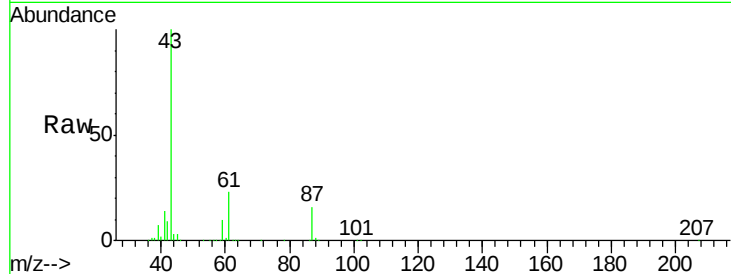


#43

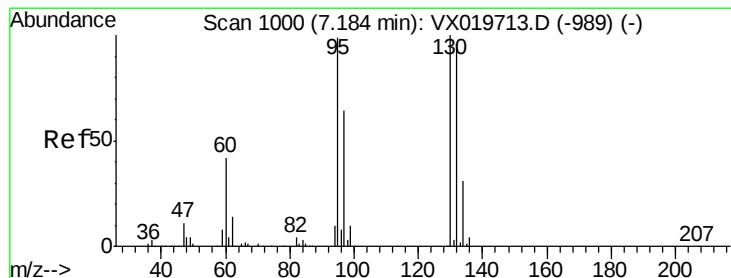
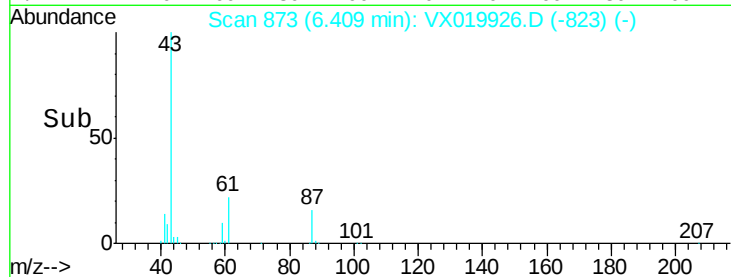
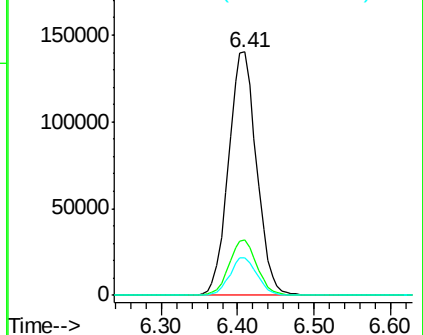
Isopropyl Acetate
 Concen: 54.580 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 353942
 Ion Ratio Lower Upper
 43 100
 61 22.8 18.2 27.4
 87 15.3 12.5 18.7



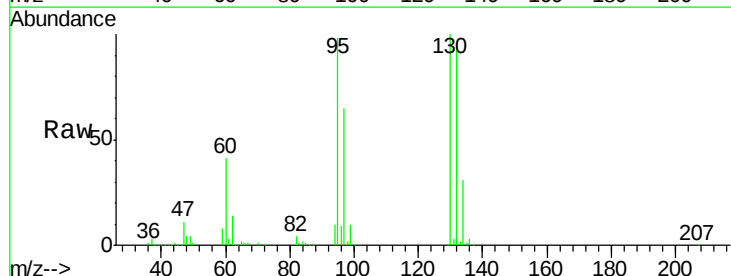
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



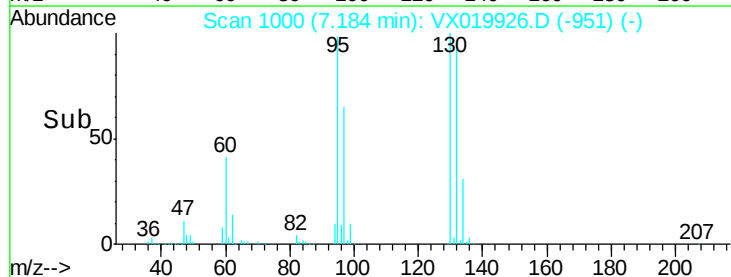
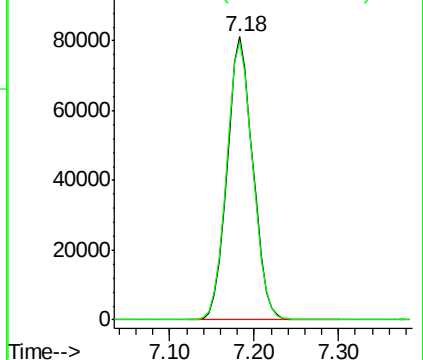
#44

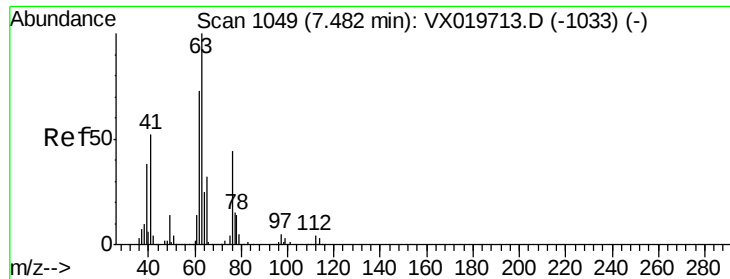
Trichloroethene
 Concen: 53.309 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion: 130 Resp: 168791
 Ion Ratio Lower Upper
 130 100
 95 98.5 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 56.675 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

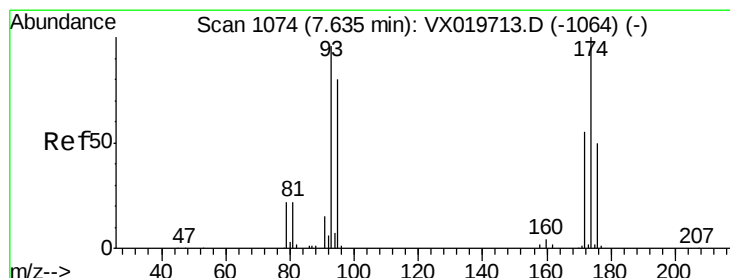
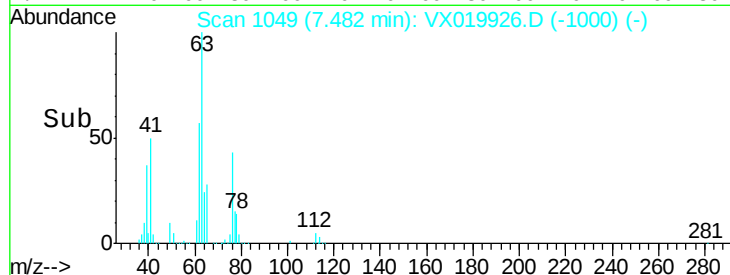
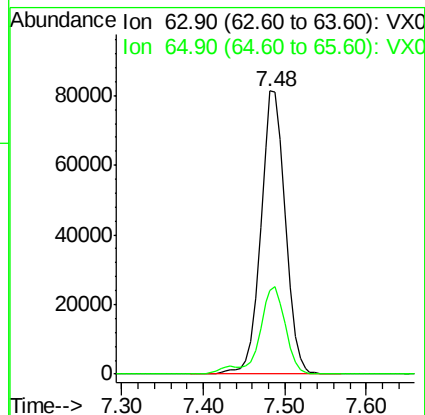
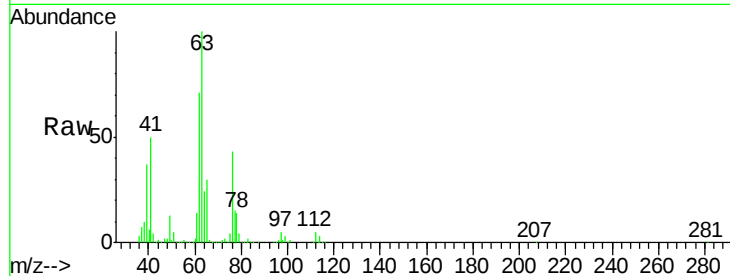
VSTDCCC050

Tgt Ion: 63 Resp: 170937

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 54.517 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

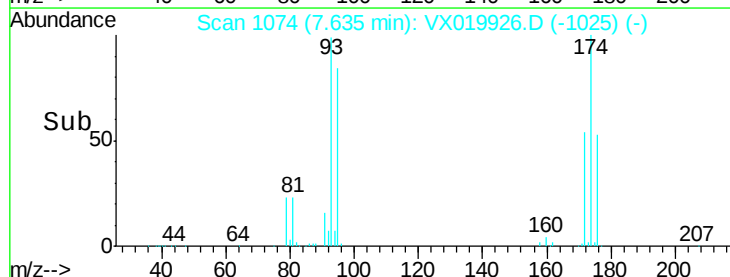
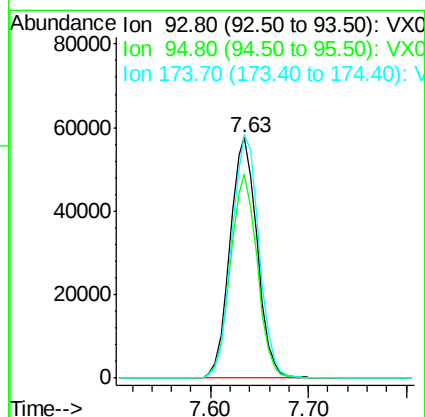
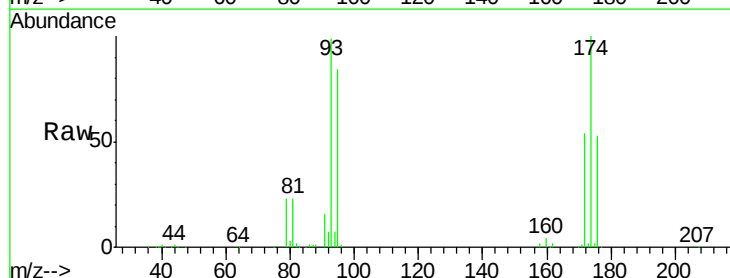
Tgt Ion: 93 Resp: 111039

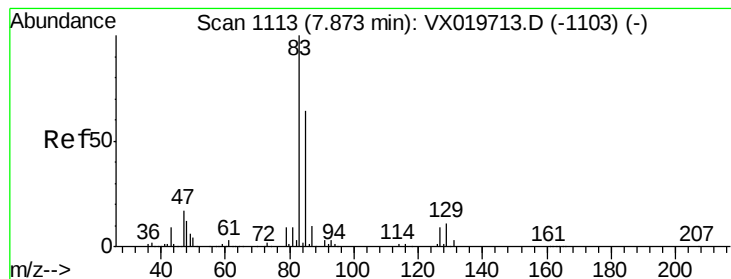
Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

174 101.8 83.1 124.7





#47

Bromodichloromethane

Concen: 56.094 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

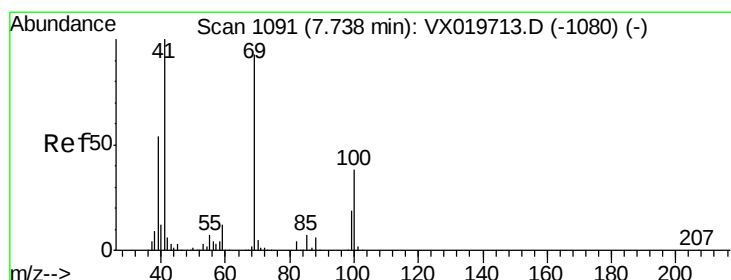
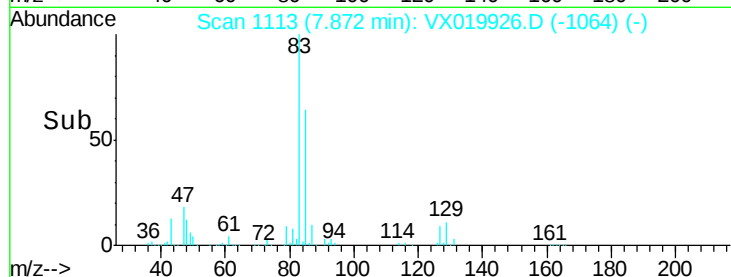
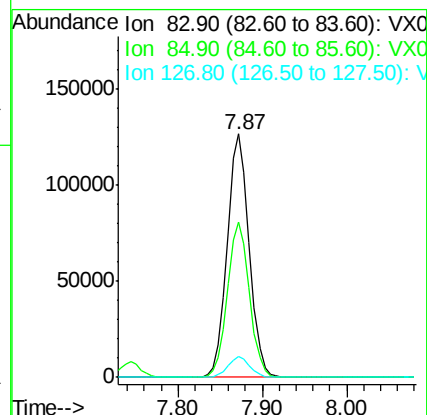
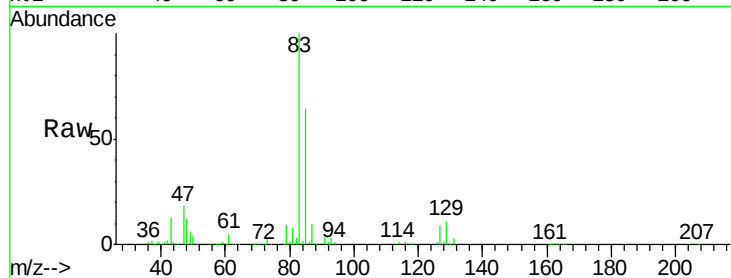
Tgt Ion: 83 Resp: 226711

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0

127 8.6 6.8 10.2



#48

Methyl methacrylate

Concen: 55.133 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

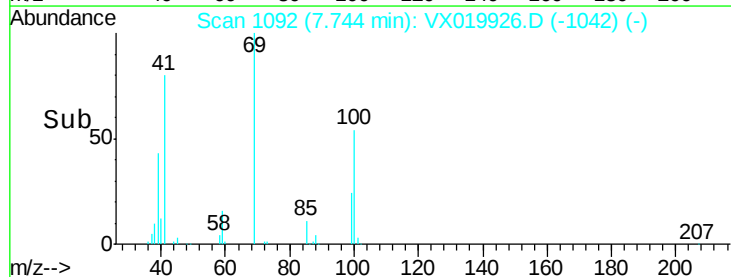
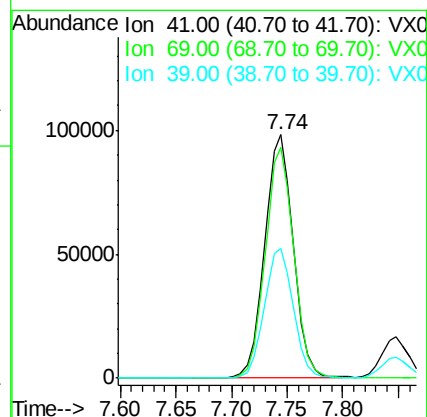
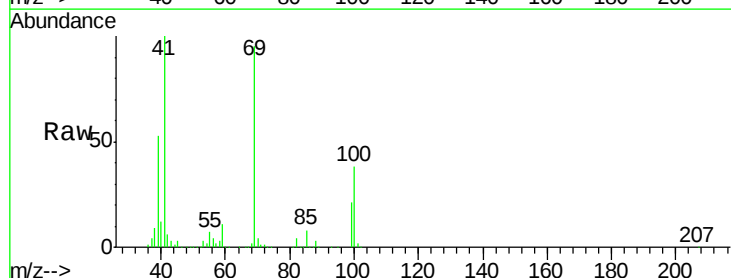
Tgt Ion: 41 Resp: 175837

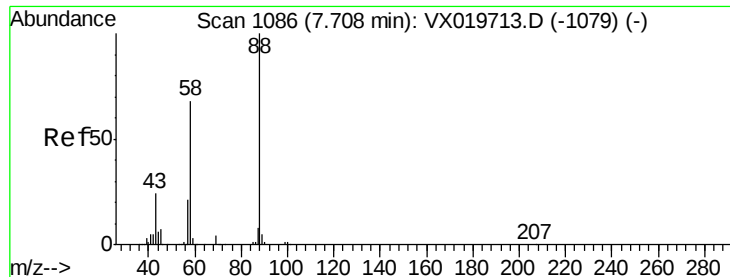
Ion Ratio Lower Upper

41 100

69 94.8 76.0 114.0

39 54.3 44.6 67.0





#49

1,4-Dioxane

Concen: 1074.846 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

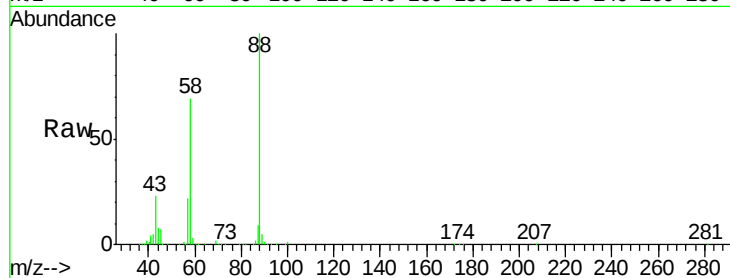
Tgt Ion: 88 Resp: 83043

Ion Ratio Lower Upper

88 100

43 28.2 23.2 34.8

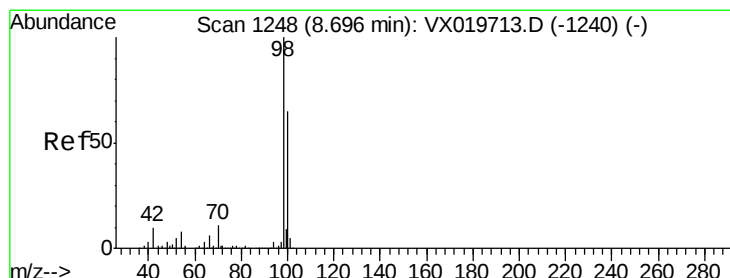
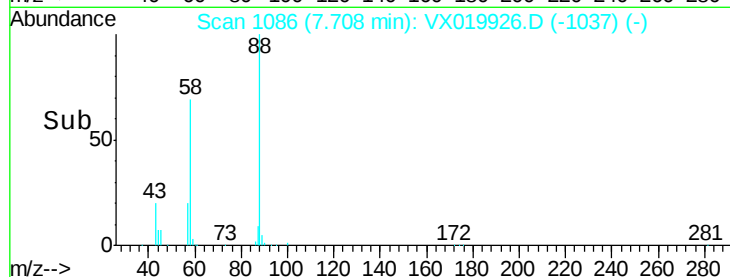
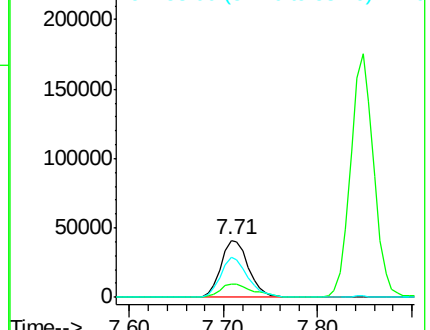
58 70.3 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.318 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019926.D

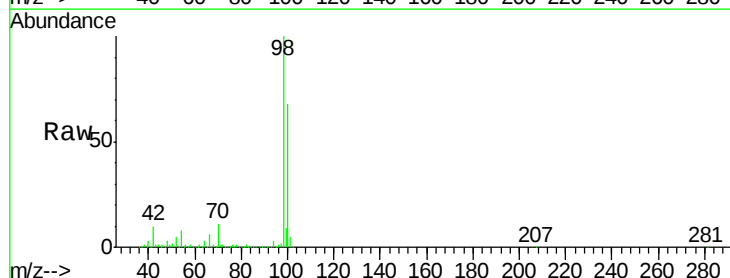
Acq: 12 Dec 2020 12:33

Tgt Ion: 98 Resp: 531988

Ion Ratio Lower Upper

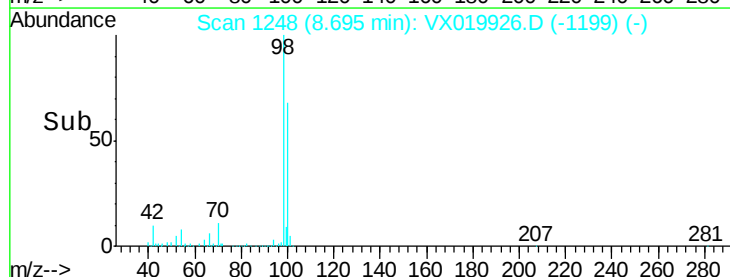
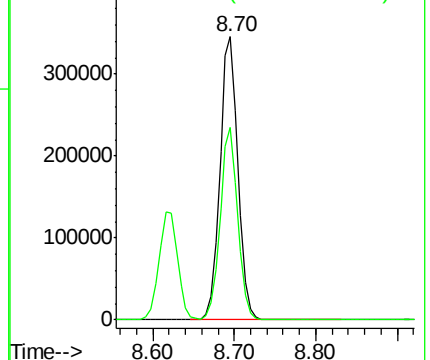
98 100

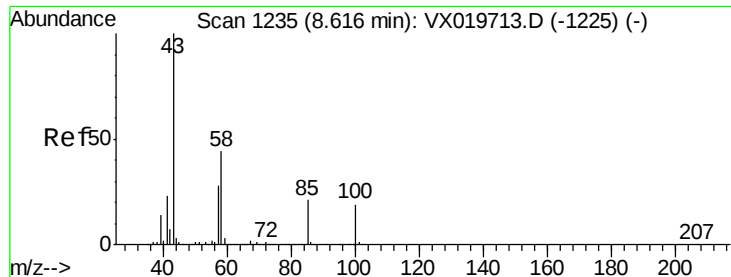
100 66.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

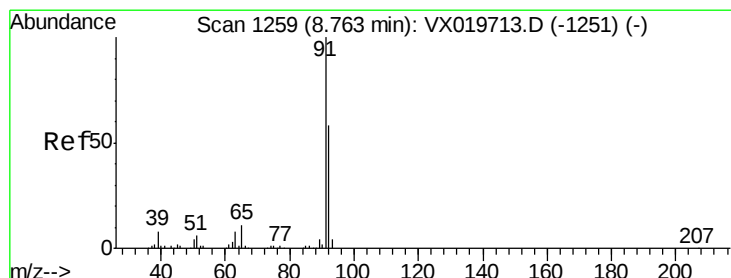
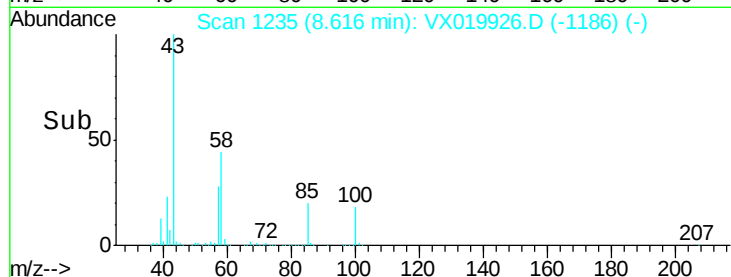
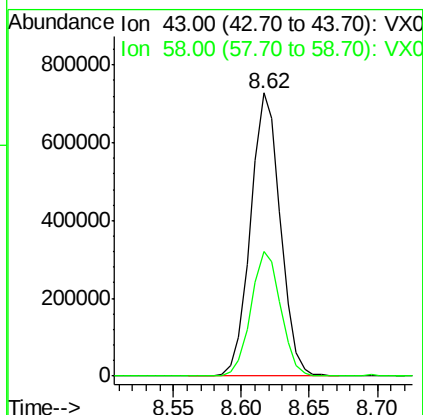
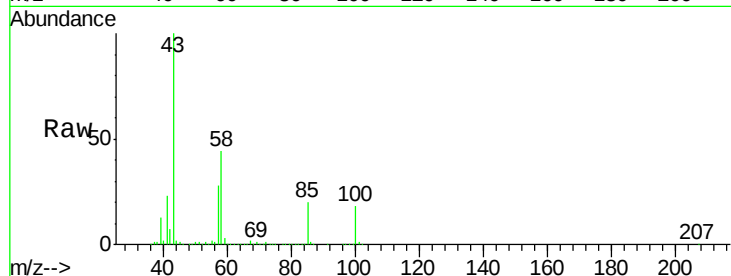




#51
 4-Methyl-2-Pentanone
 Concen: 283.231 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

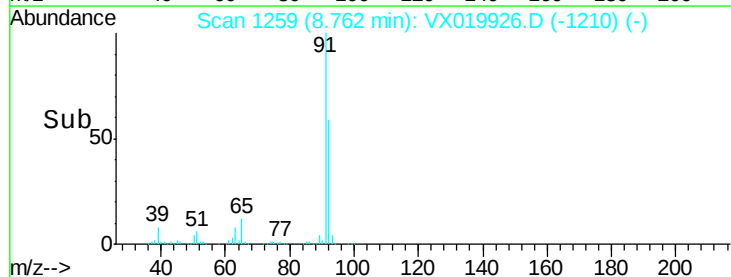
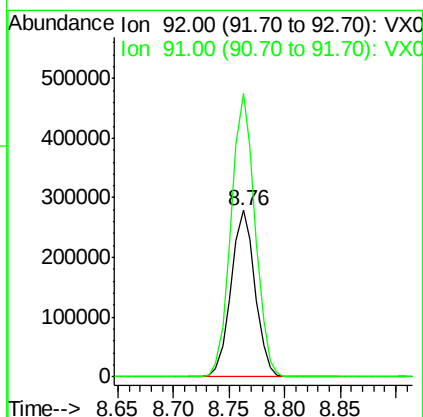
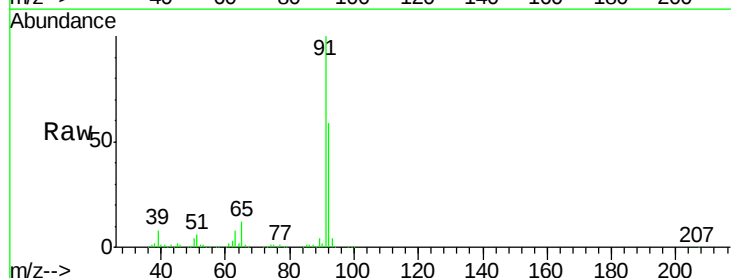
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

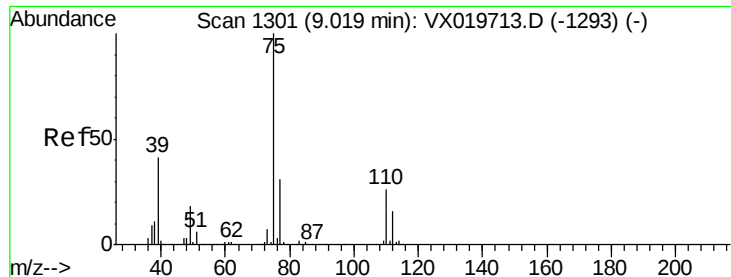
Tgt Ion: 43 Resp: 1121372
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.0



#52
 Toluene
 Concen: 54.976 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion: 92 Resp: 414936
 Ion Ratio Lower Upper
 92 100
 91 170.5 137.1 205.7

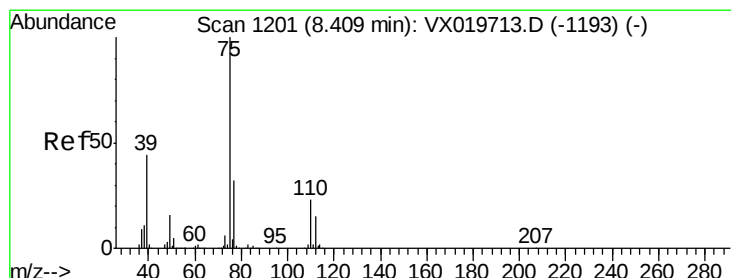
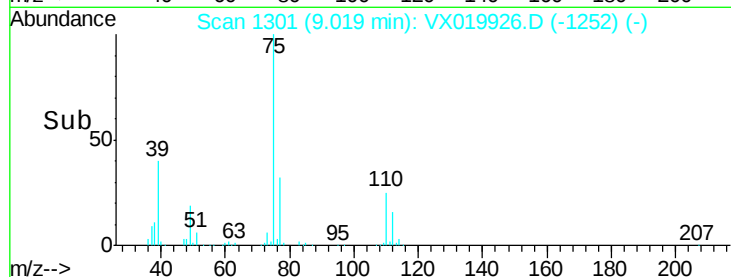
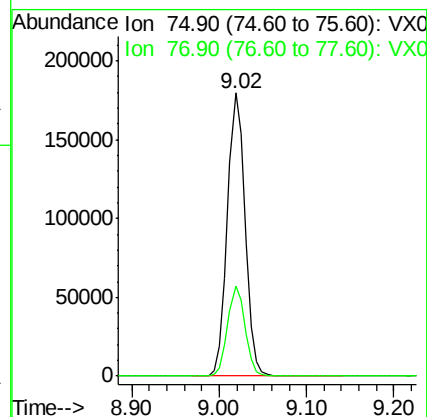
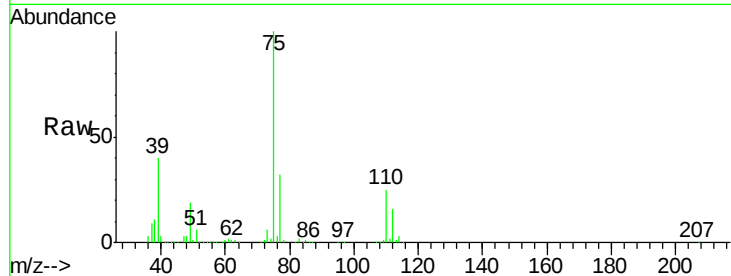




#53
t-1,3-Dichloropropene
Concen: 55.960 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

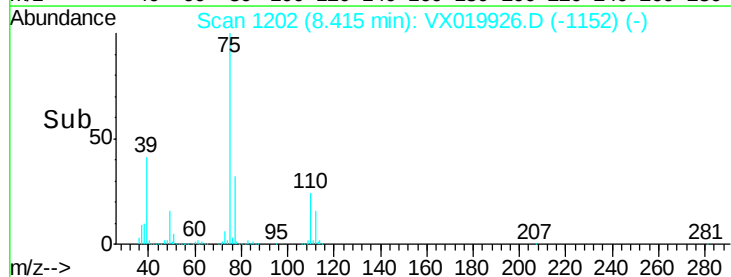
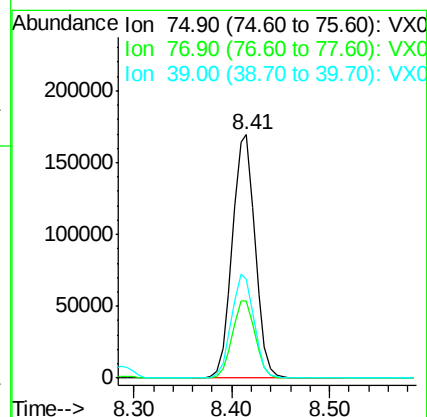
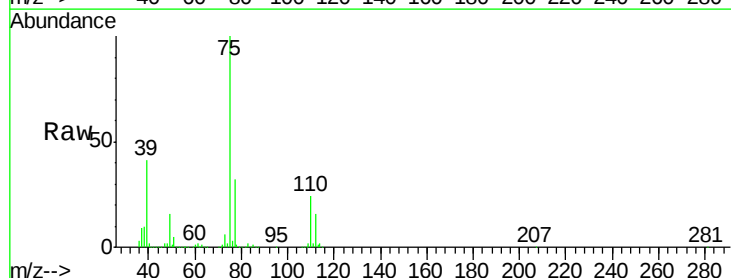
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

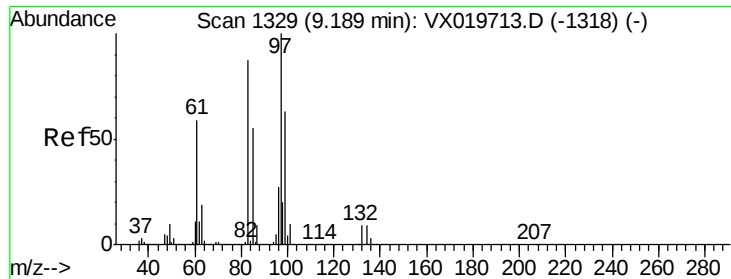
Tgt Ion: 75 Resp: 250980
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 56.195 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 75 Resp: 273808
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 40.8 35.1 52.7

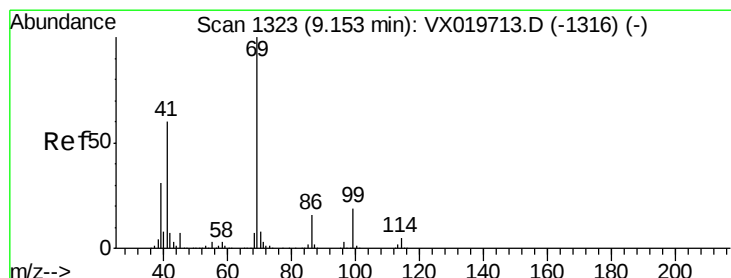
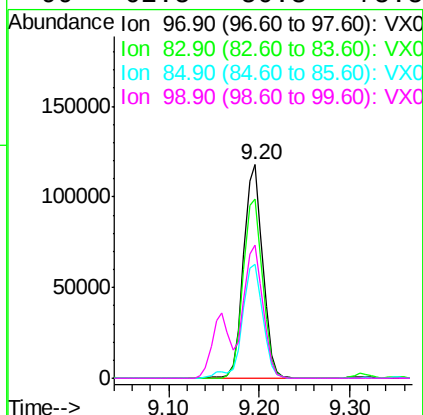
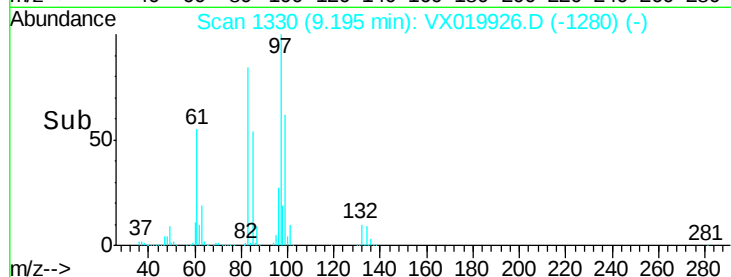
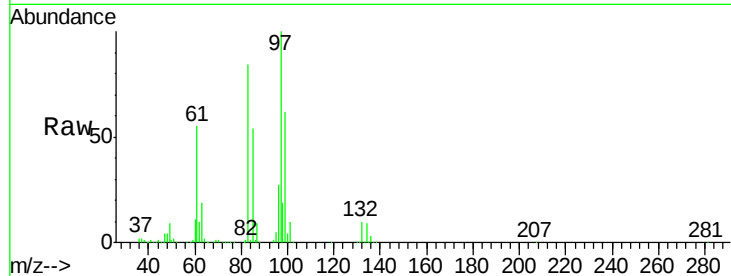




#55
 1,1,2-Trichloroethane
 Concen: 56.897 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

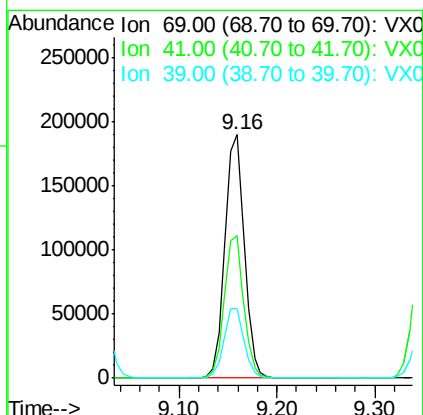
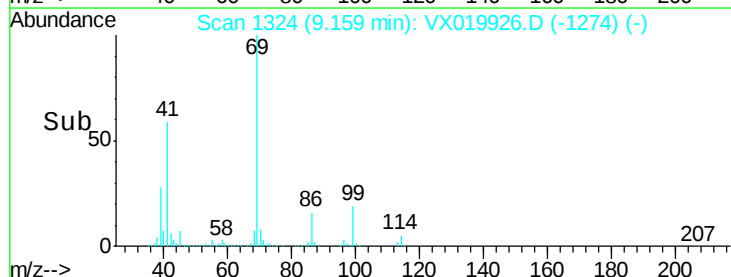
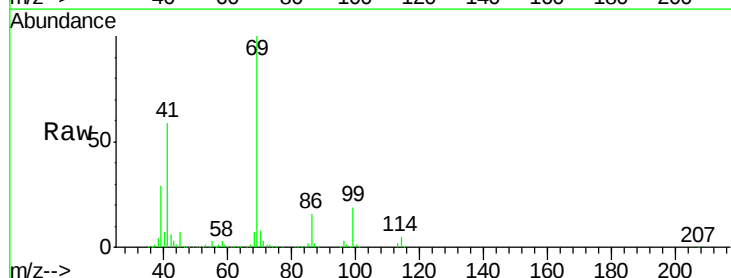
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

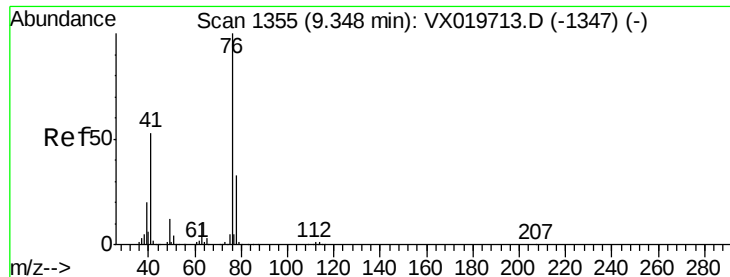
Tgt Ion:	97	Resp:	173058
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.3	103.9
85	53.6	44.3	66.5
99	62.5	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 57.132 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion:	69	Resp:	262911
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.8	70.2
39	29.4	24.7	37.1

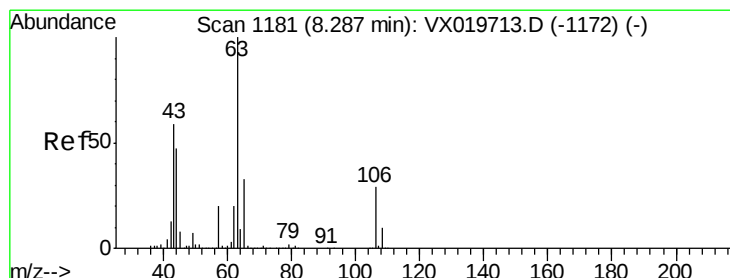
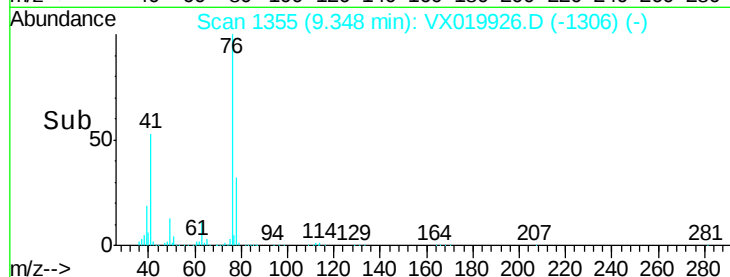
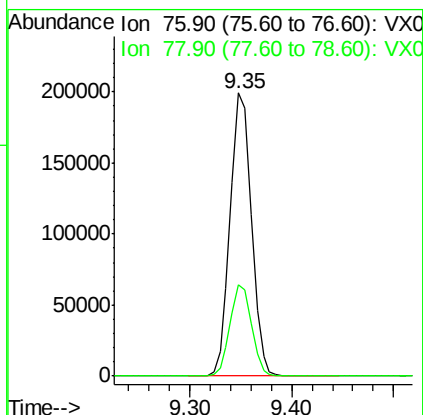
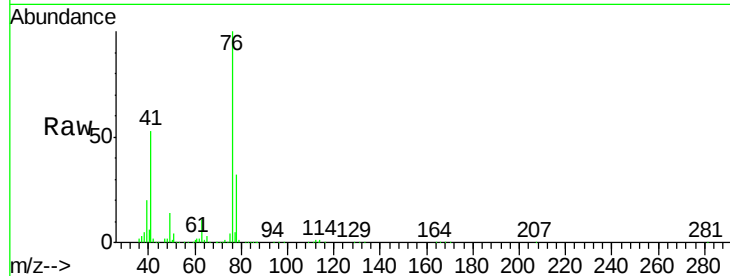




#57
 1,3-Dichloropropane
 Concen: 55.432 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

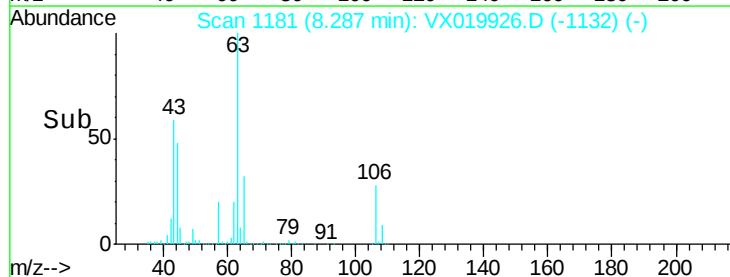
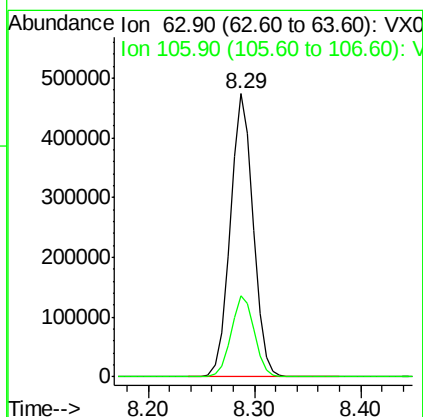
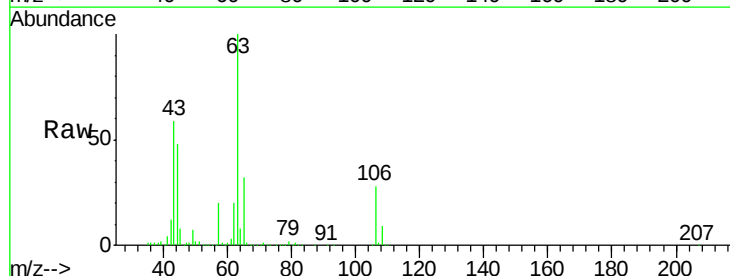
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

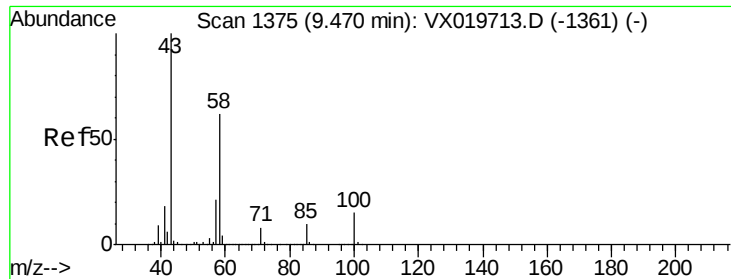
Tgt Ion: 76 Resp: 287891
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 292.959 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion: 63 Resp: 714196
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.5 35.3

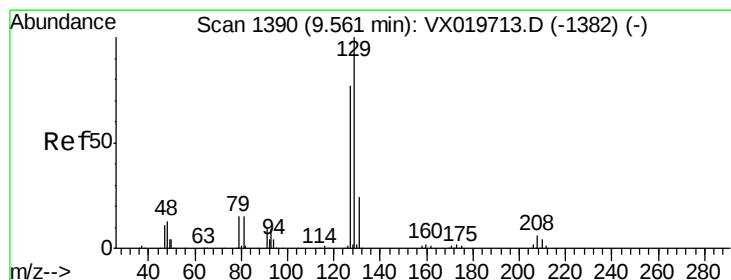
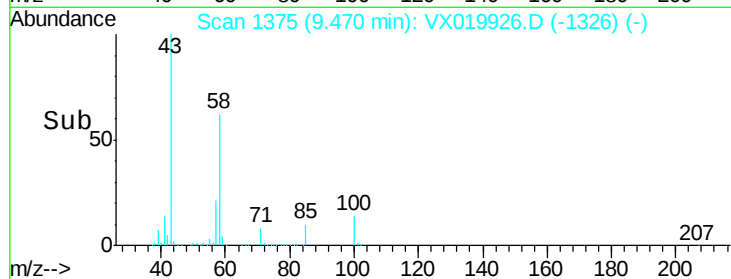
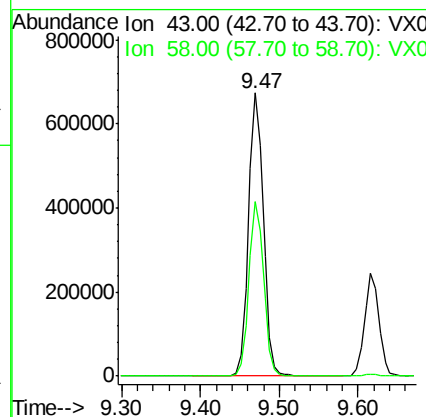
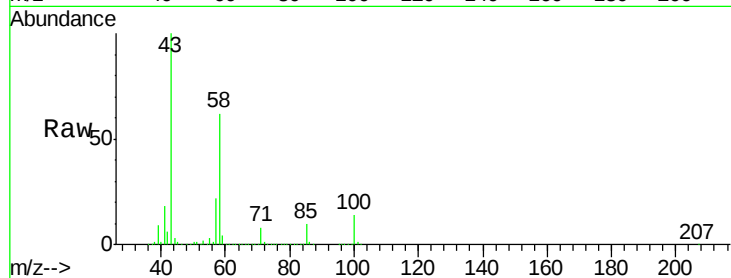




#59
2-Hexanone
Concen: 287.284 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

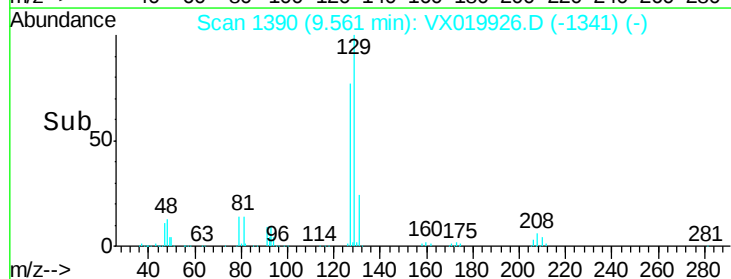
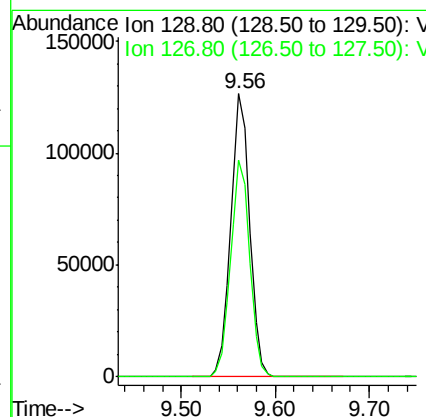
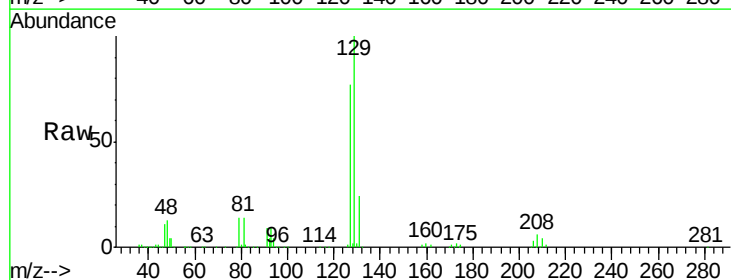
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

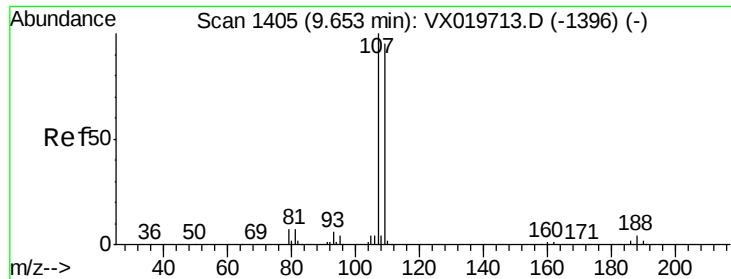
Tgt Ion: 43 Resp: 881653
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.8



#60
Dibromochloromethane
Concen: 57.203 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 129 Resp: 176771
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 54.379 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

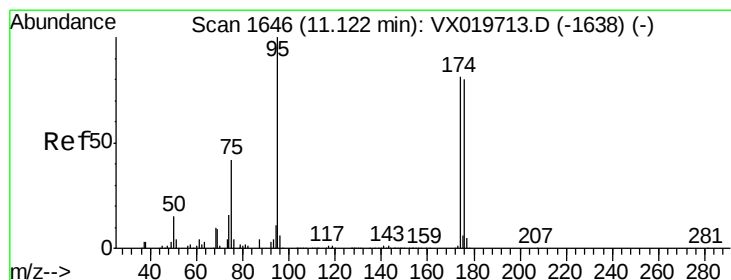
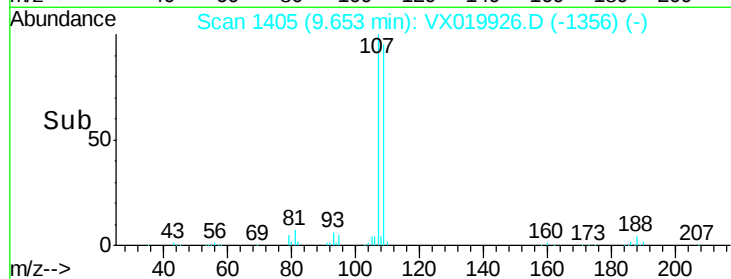
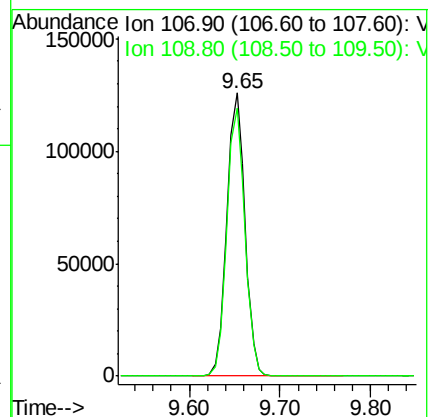
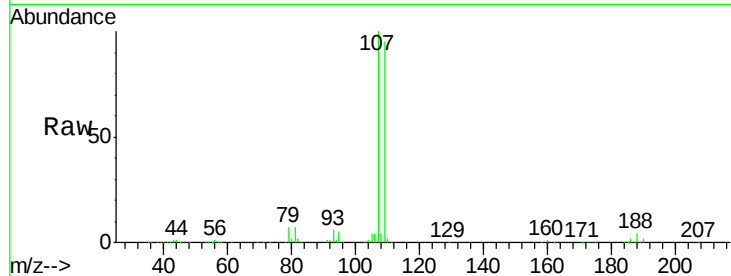
VSTDCCC050

Tgt Ion: 107 Resp: 175632

Ion Ratio Lower Upper

107 100

109 94.7 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 49.771 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

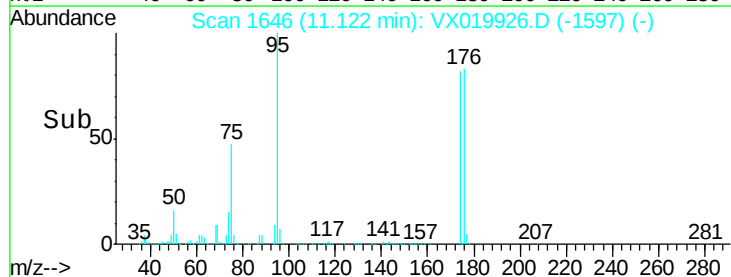
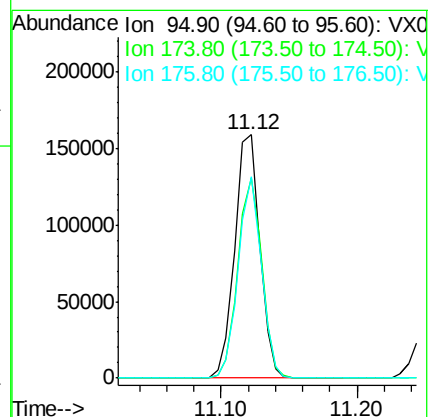
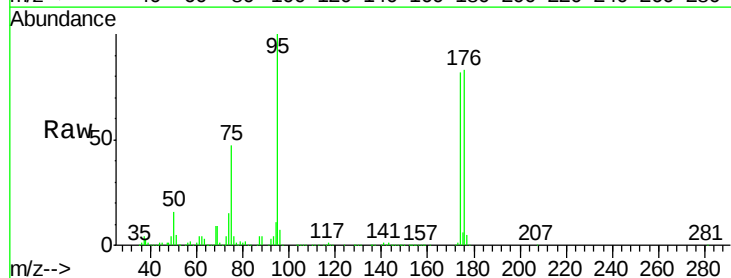
Tgt Ion: 95 Resp: 204342

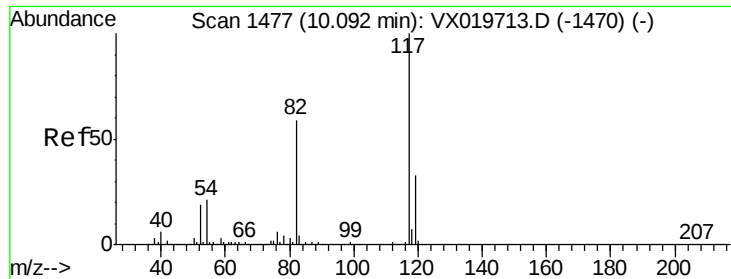
Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

176 76.8 0.0 155.8

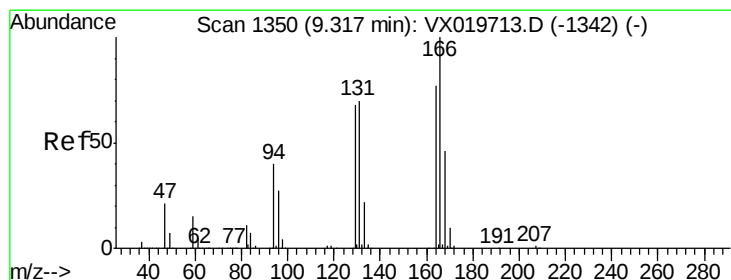
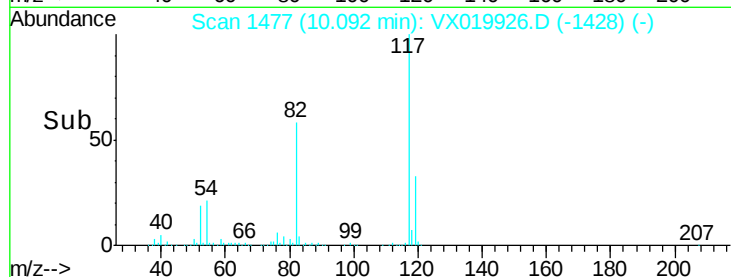
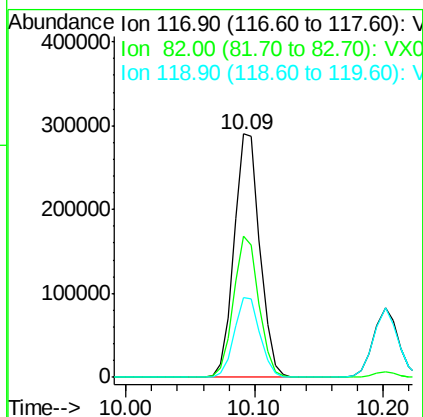
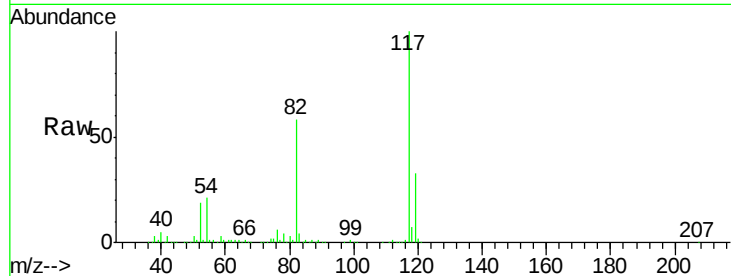




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

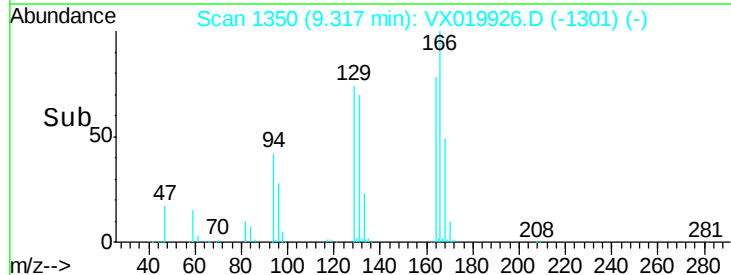
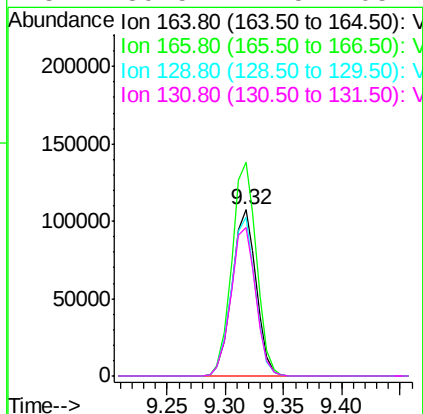
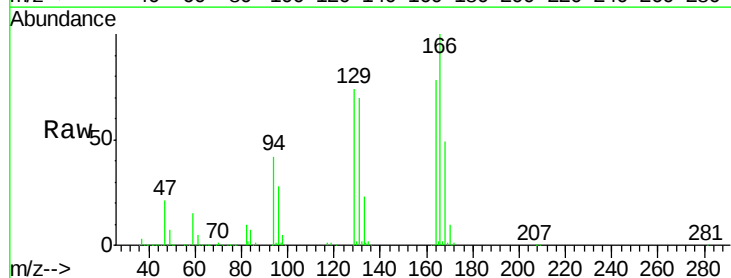
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

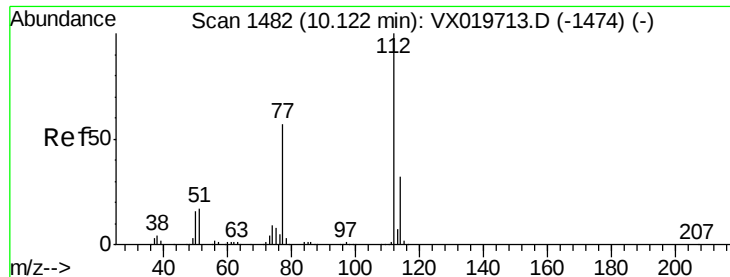
Tgt Ion:117 Resp: 404326
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 57.328 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion:164 Resp: 155444
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.2
129 95.7 70.8 106.2
131 89.5 72.5 108.7

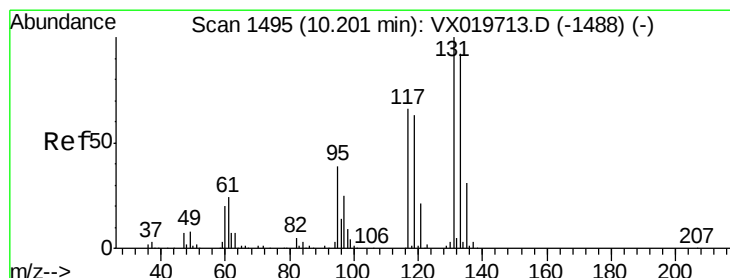
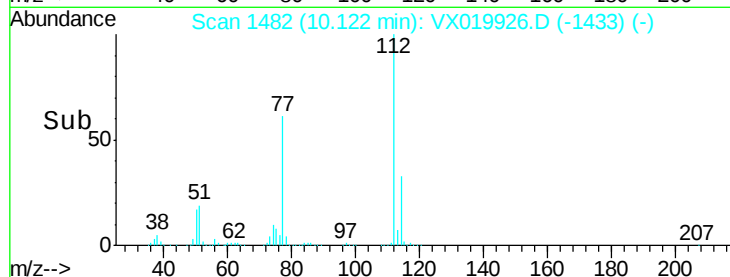
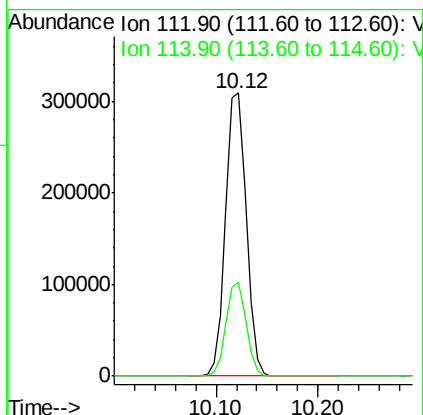
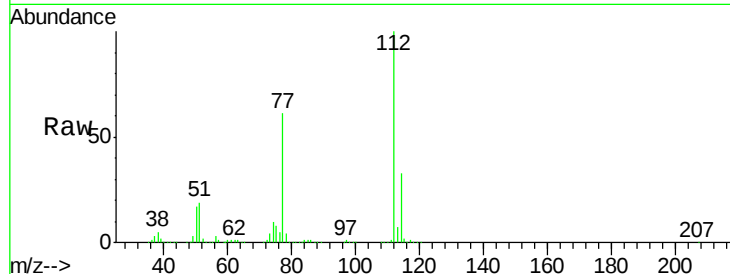




#65
Chlorobenzene
Concen: 54.162 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

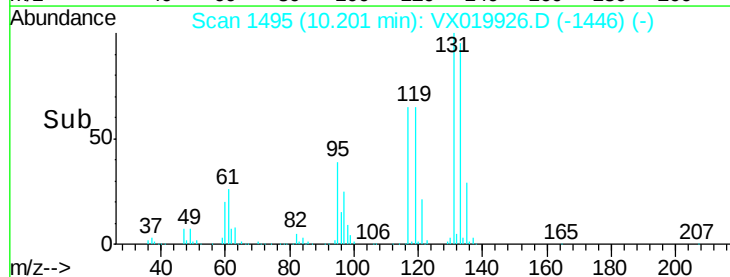
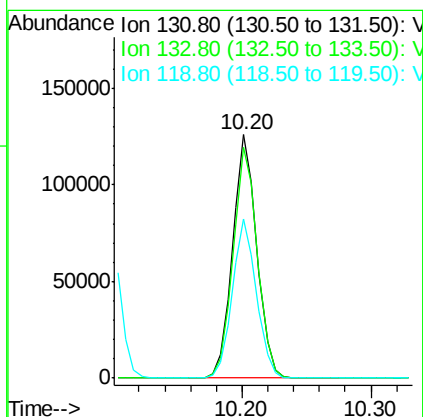
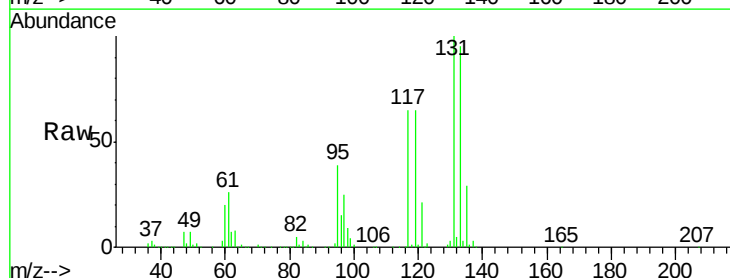
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

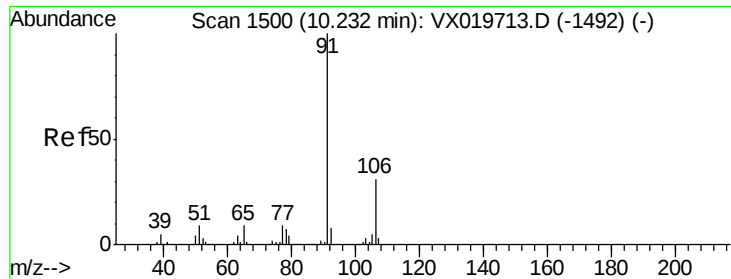
Tgt Ion:112 Resp: 436290
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.756 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion:131 Resp: 164554
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.3 32.1 96.5

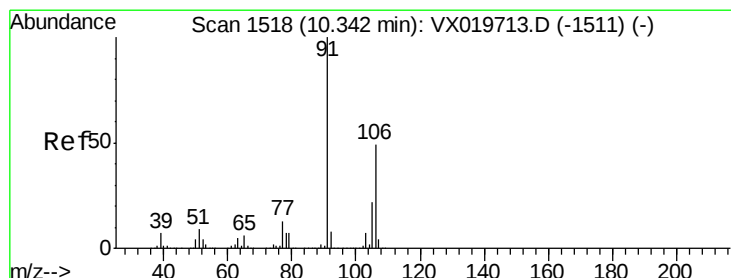
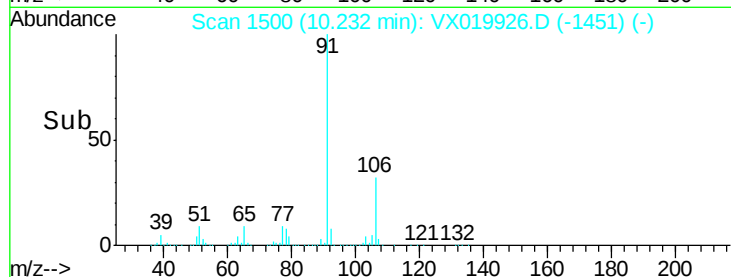
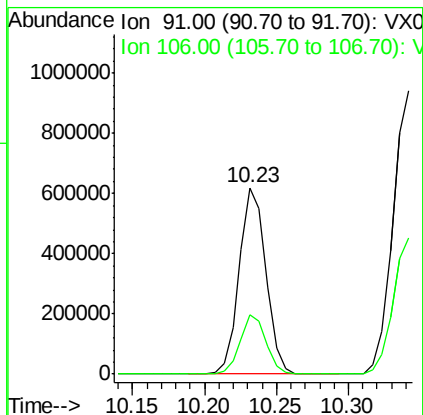
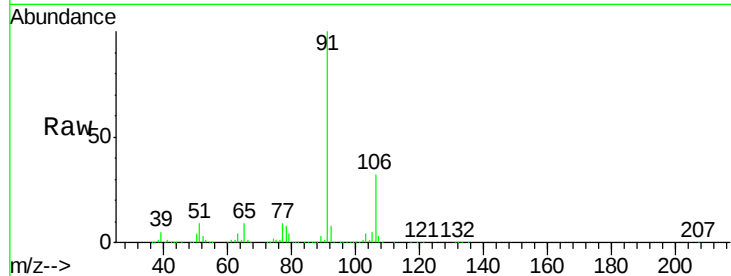




#67
Ethyl Benzene
Concen: 55.763 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

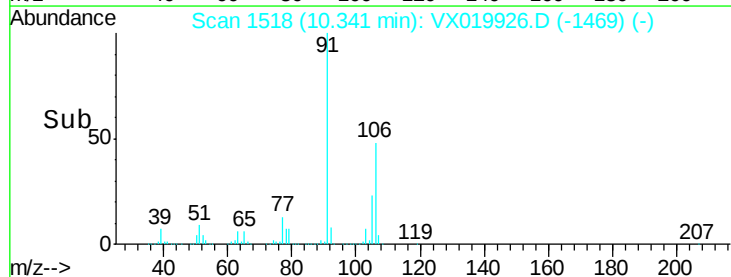
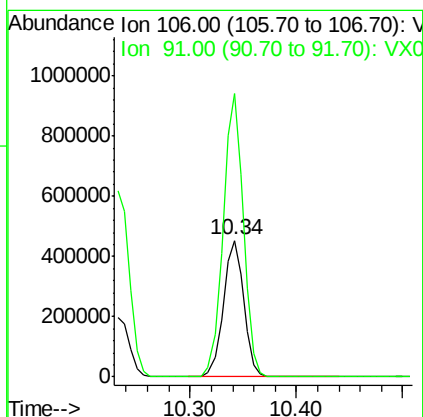
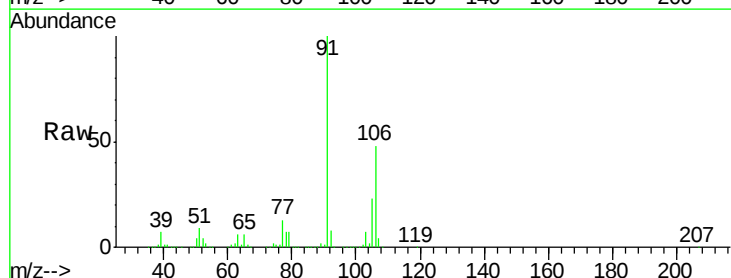
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

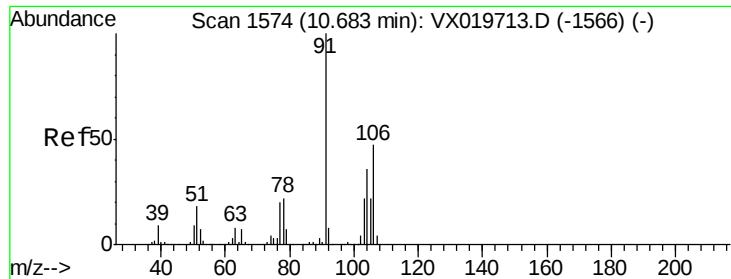
Tgt Ion: 91 Resp: 797335
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0



#68
m/p-Xylenes
Concen: 112.166 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 106 Resp: 604336
Ion Ratio Lower Upper
106 100
91 205.2 162.8 244.2

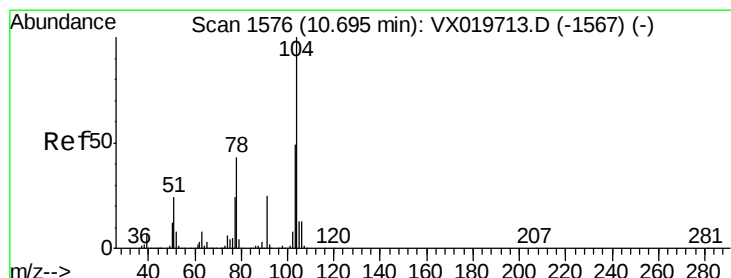
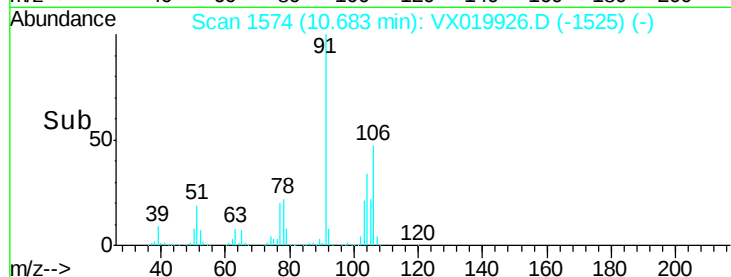
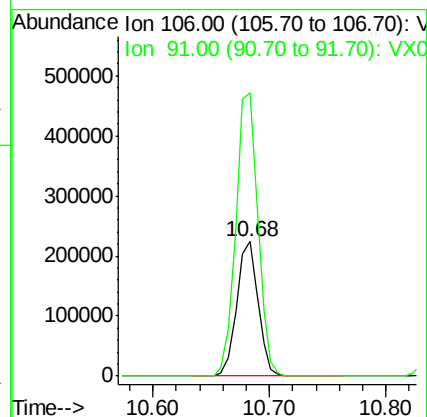
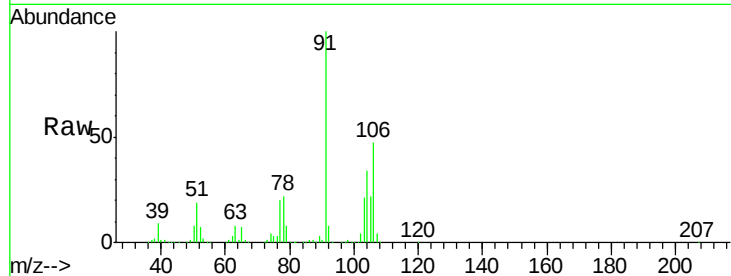




#69
o-Xylene
Concen: 55.500 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

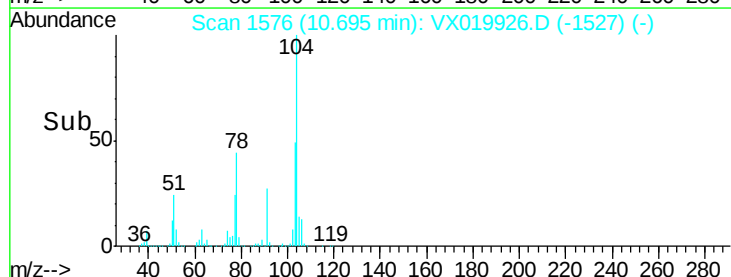
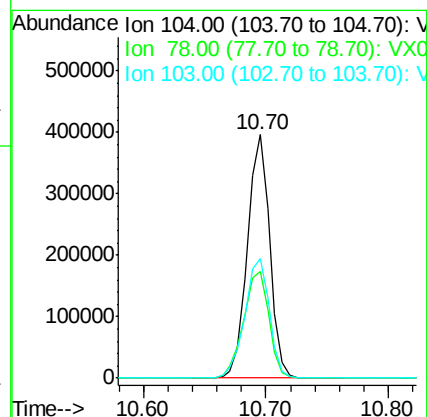
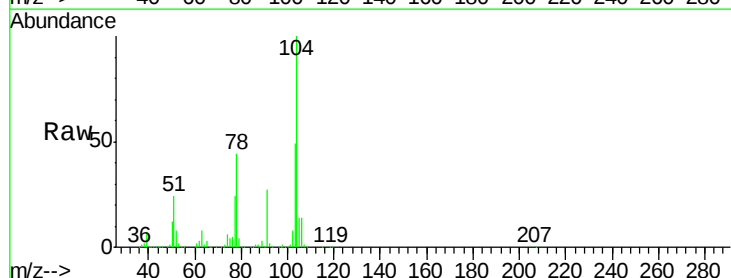
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

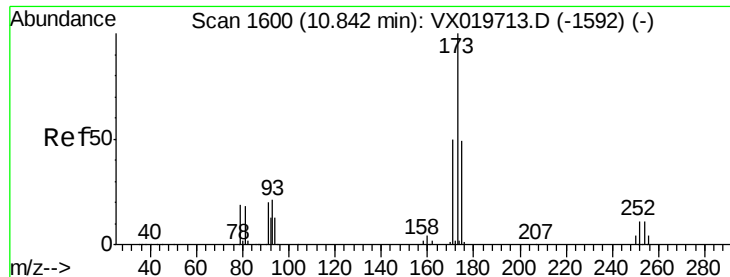
Tgt Ion:106 Resp: 287651
Ion Ratio Lower Upper
106 100
91 218.1 108.1 324.2



#70
Styrene
Concen: 57.152 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion:104 Resp: 499972
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 56.264 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

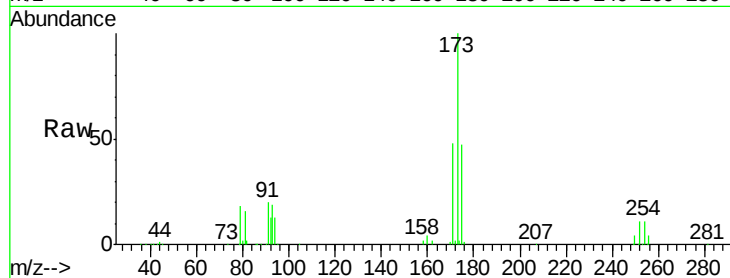
Tgt Ion:173 Resp: 128328

Ion Ratio Lower Upper

173 100

175 49.3 23.9 71.8

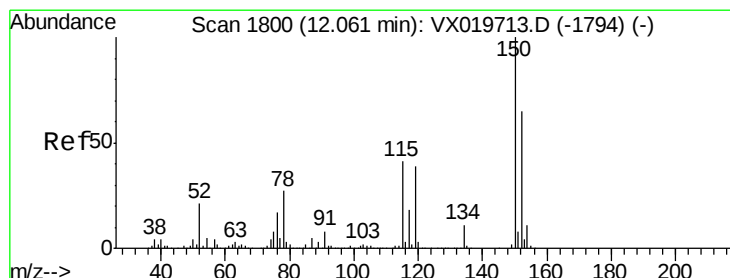
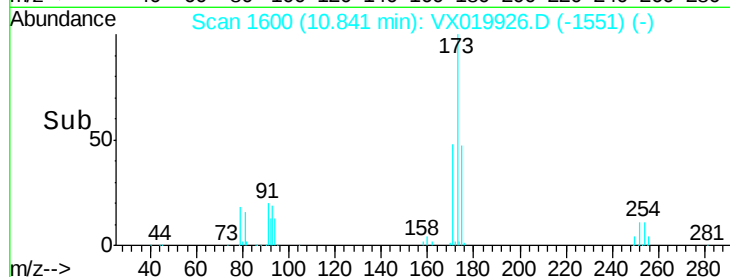
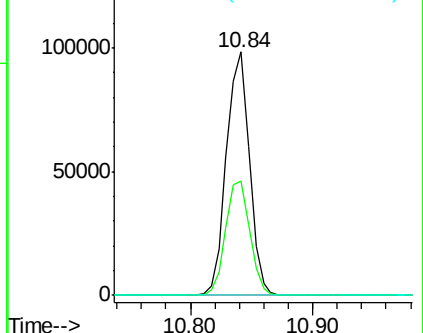
254 0.1 0.1 0.1#



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: VX019926.D

Acq: 12 Dec 2020 12:33

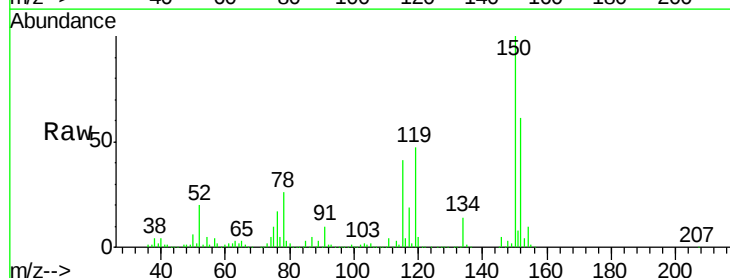
Tgt Ion:152 Resp: 202928

Ion Ratio Lower Upper

152 100

115 87.4 41.1 123.3

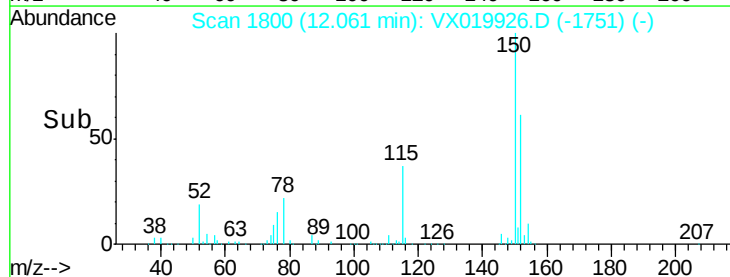
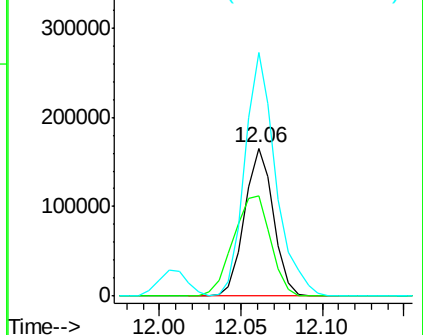
150 177.4 0.0 349.0

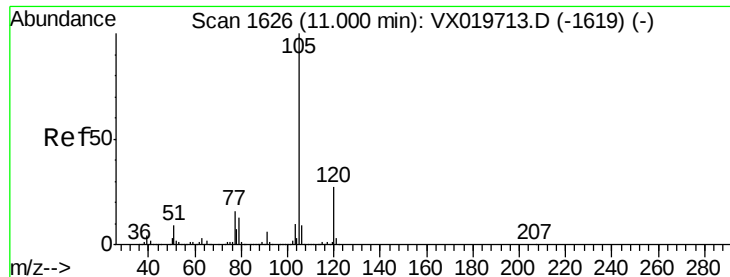


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.539 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

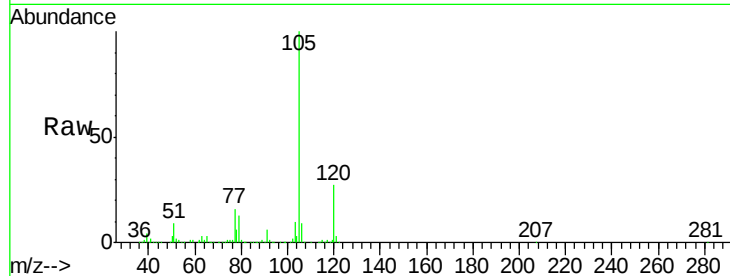
VSTDCCC050

Tgt Ion: 105 Resp: 783862

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

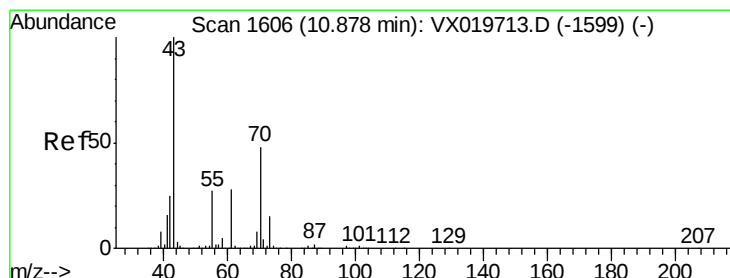
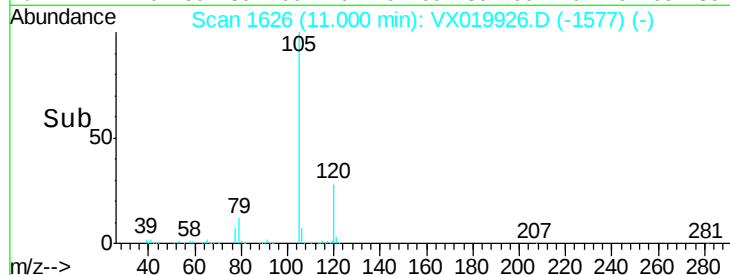
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 55.339 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Tgt Ion: 43 Resp: 307459

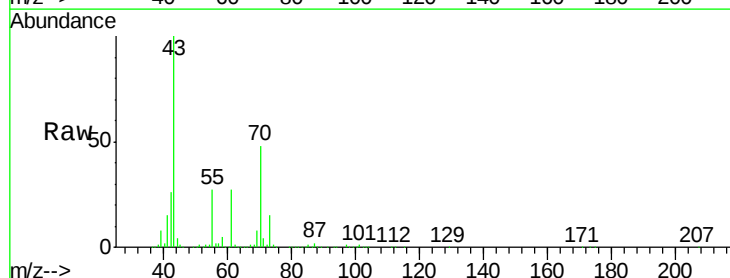
Ion Ratio Lower Upper

43 100

70 49.3 39.0 58.6

55 27.3 21.5 32.3

61 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

400000

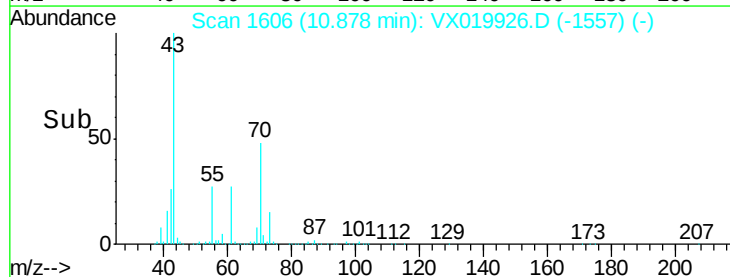
300000

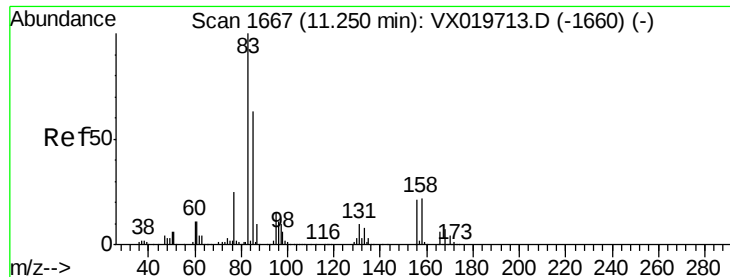
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 55.426 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

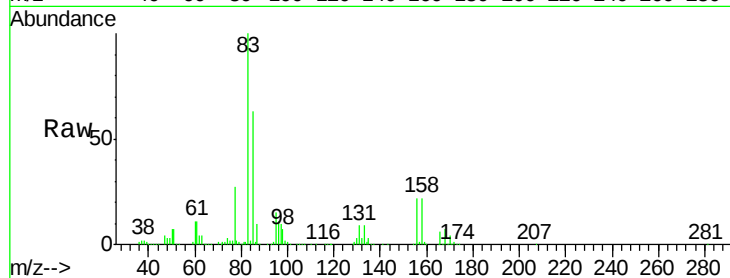
Tgt Ion: 83 Resp: 270914

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

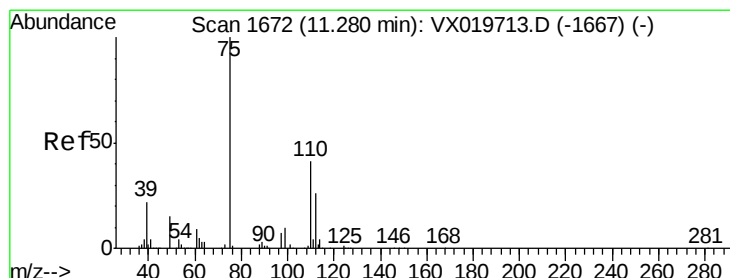
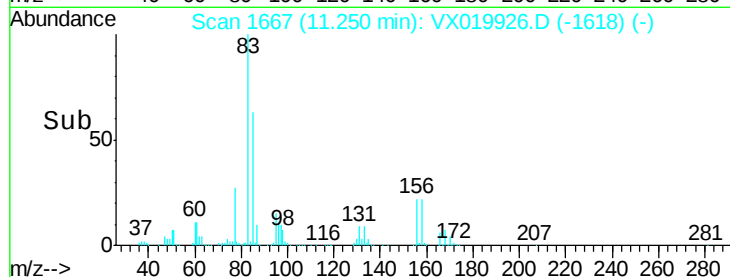
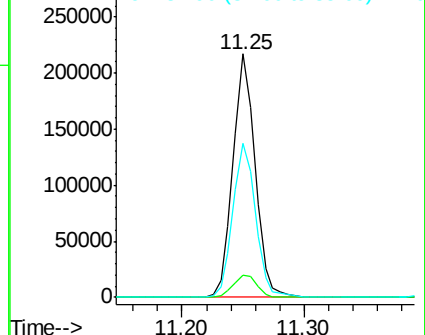
85 64.8 31.8 95.4



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: 68.104 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019926.D

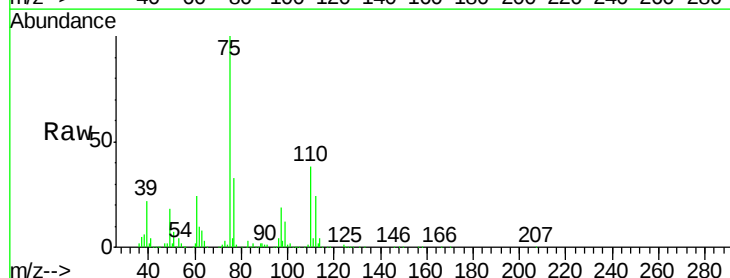
Acq: 12 Dec 2020 12:33

Tgt Ion: 75 Resp: 309964

Ion Ratio Lower Upper

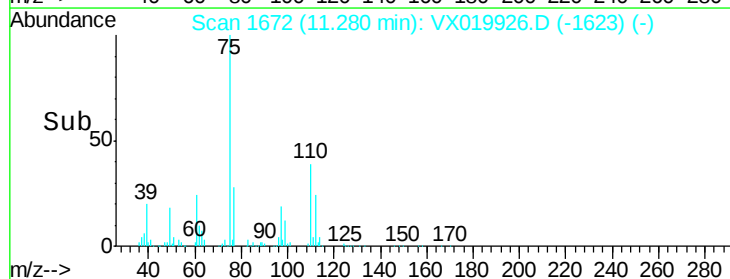
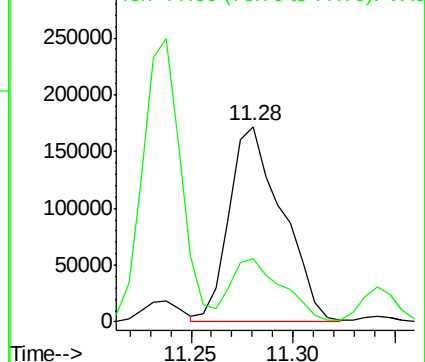
75 100

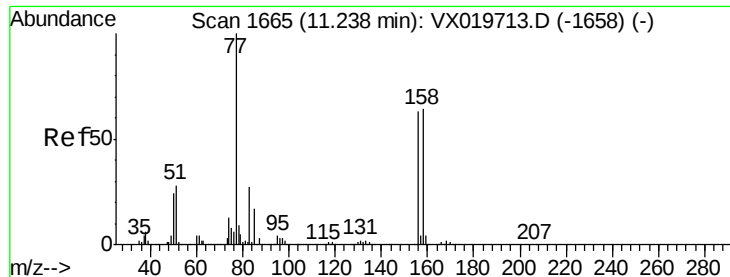
77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.094 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

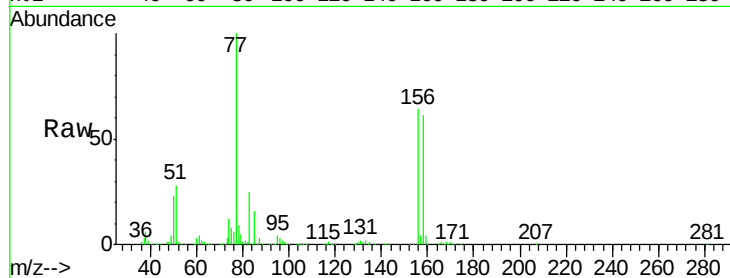
Tgt Ion:156 Resp: 195471

Ion Ratio Lower Upper

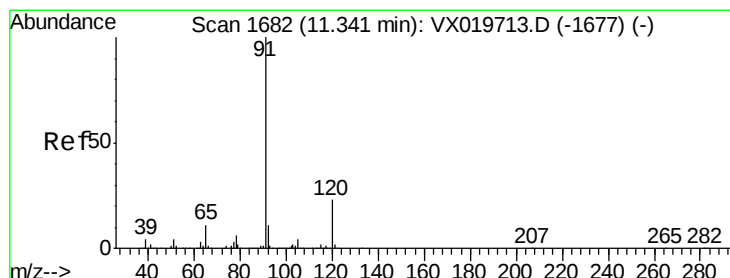
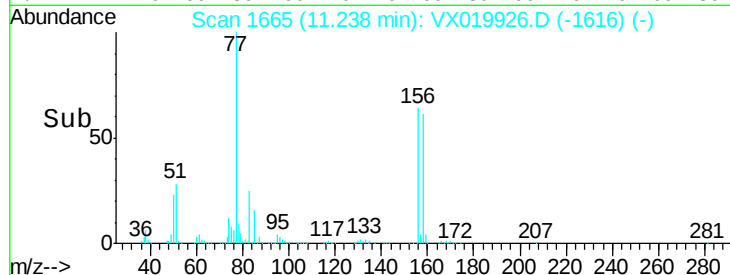
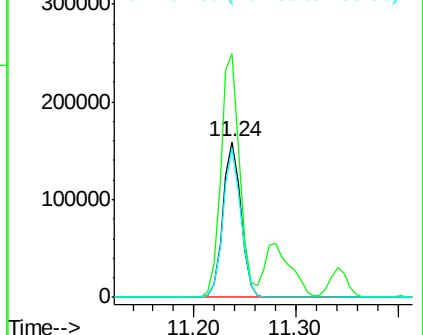
156 100

77 164.8 82.8 248.6

158 94.6 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: 57.519 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019926.D

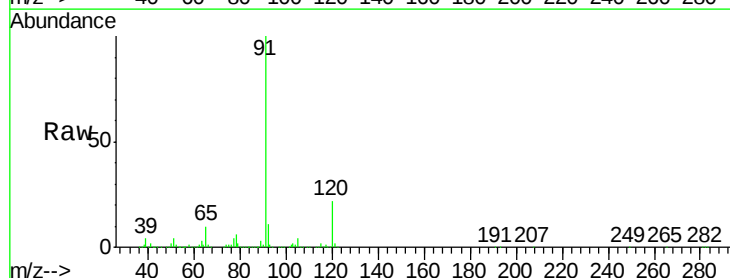
Acq: 12 Dec 2020 12:33

Tgt Ion: 91 Resp: 910790

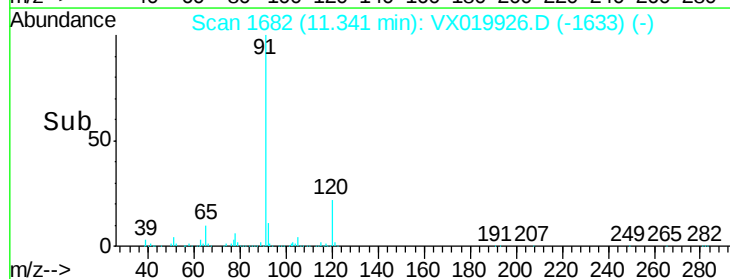
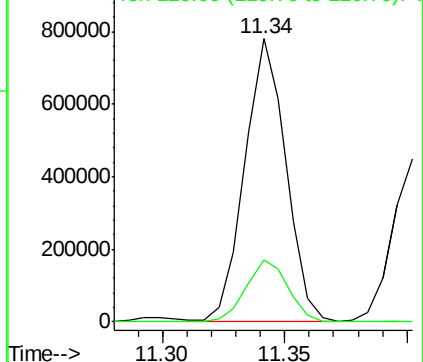
Ion Ratio Lower Upper

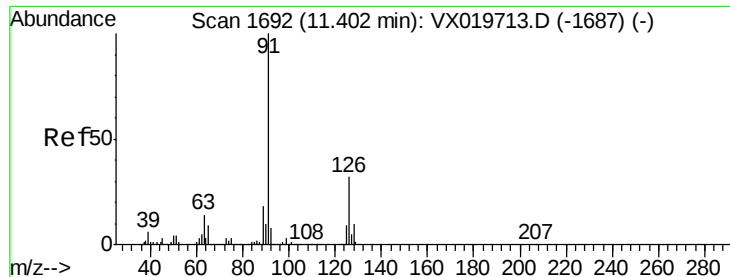
91 100

120 22.6 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: 55.754 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

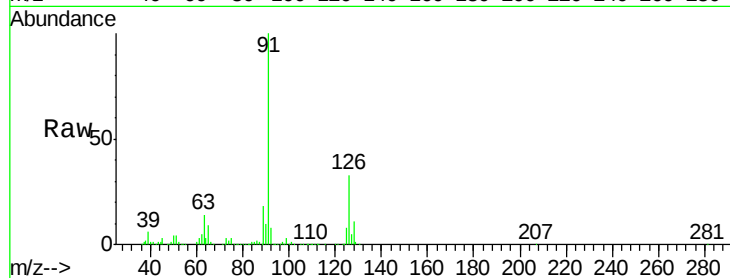
VSTDCCC050

Tgt Ion: 91 Resp: 543673

Ion Ratio Lower Upper

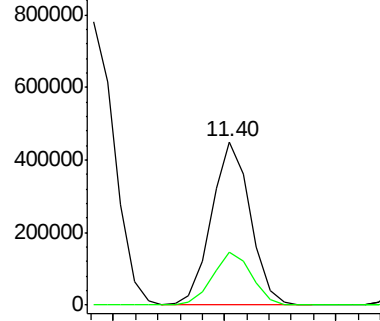
91 100

126 32.9 16.6 49.8

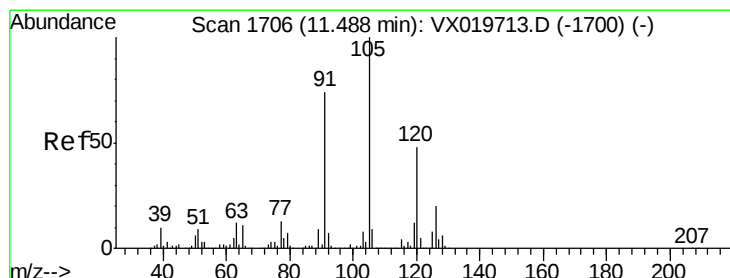
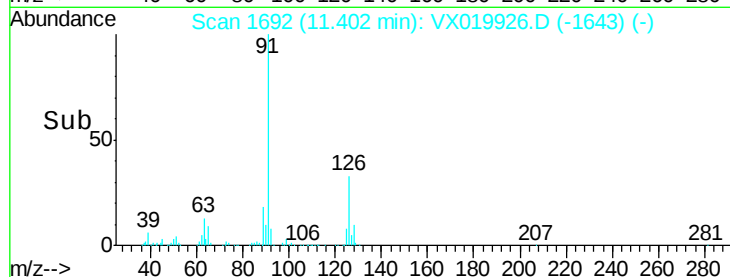


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 57.788 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019926.D

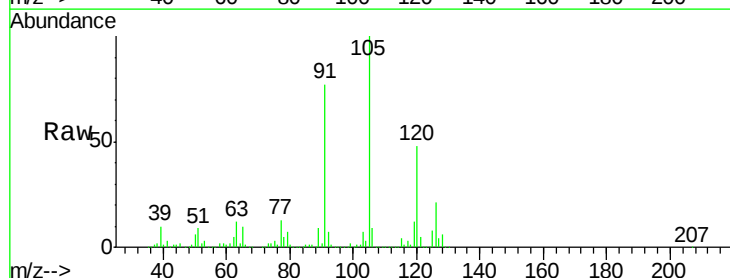
Acq: 12 Dec 2020 12:33

Tgt Ion: 105 Resp: 676165

Ion Ratio Lower Upper

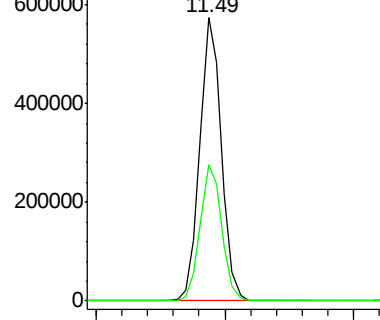
105 100

120 48.5 23.8 71.5

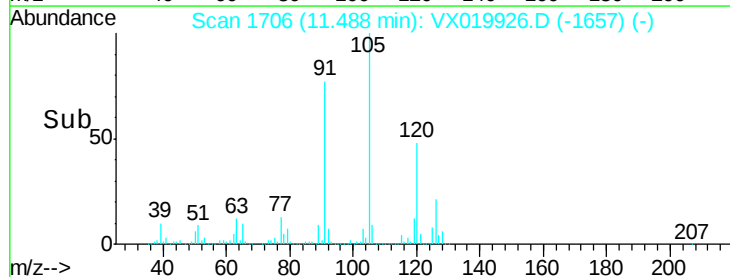


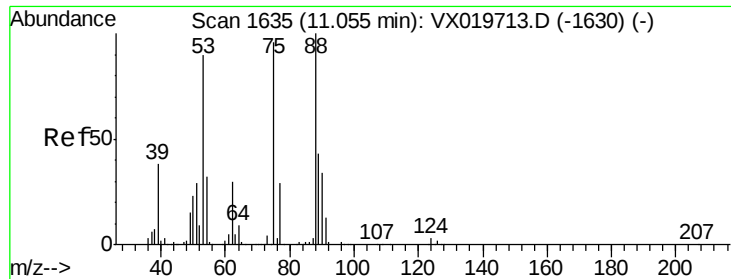
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 55.660 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

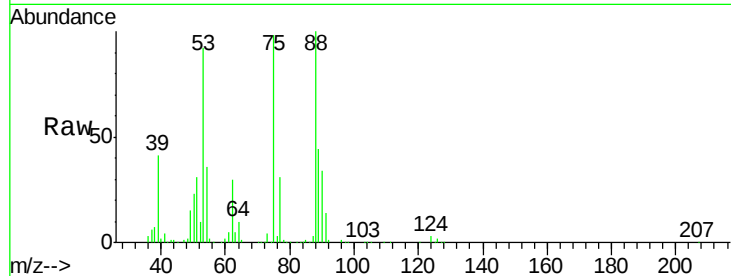
Tgt Ion: 75 Resp: 87631

Ion Ratio Lower Upper

75 100

53 93.9 74.5 111.7

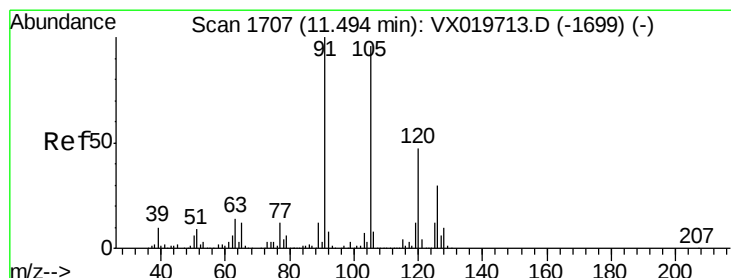
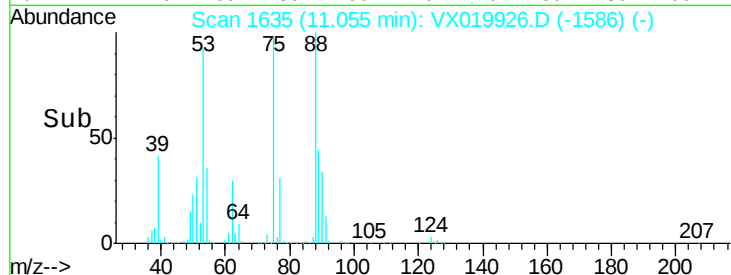
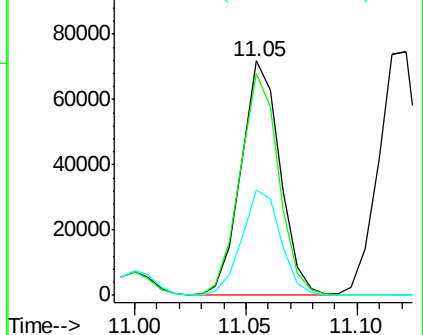
89 45.5 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.385 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019926.D

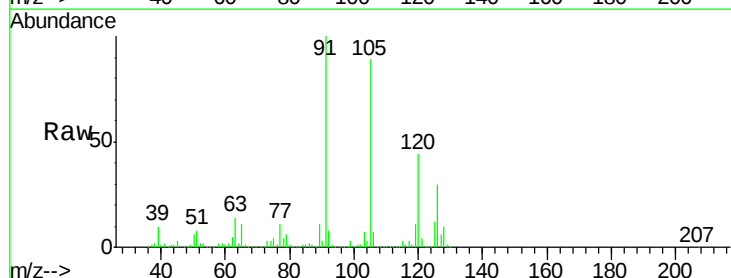
Acq: 12 Dec 2020 12:33

Tgt Ion: 91 Resp: 643941

Ion Ratio Lower Upper

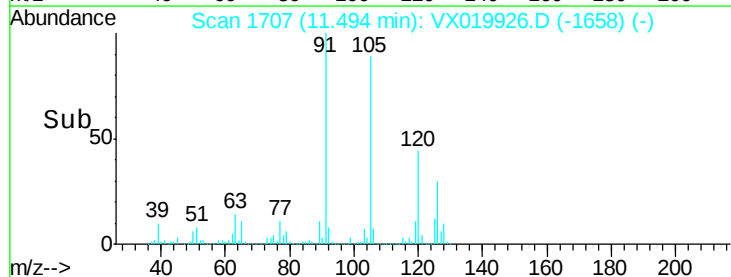
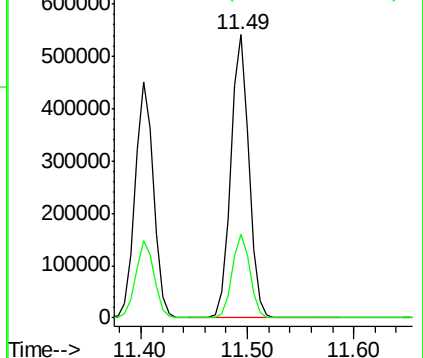
91 100

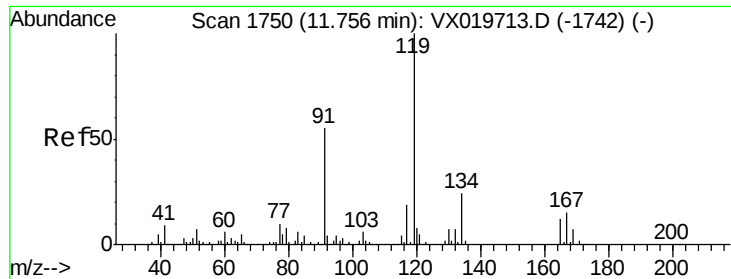
126 29.2 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

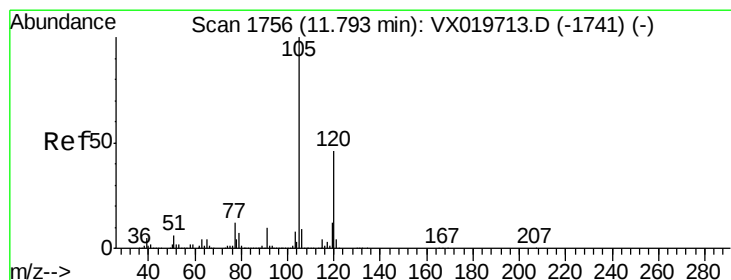
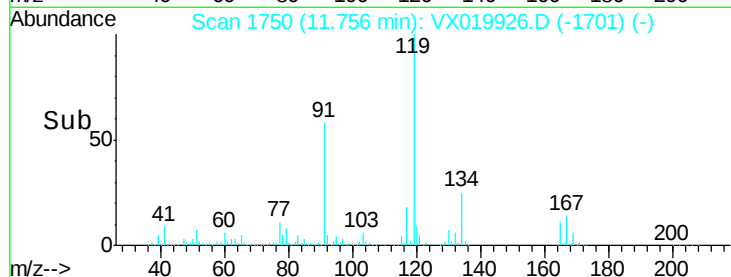
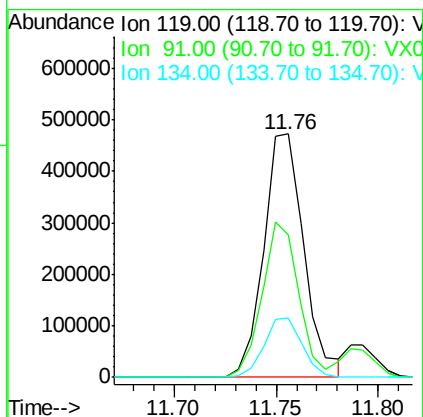
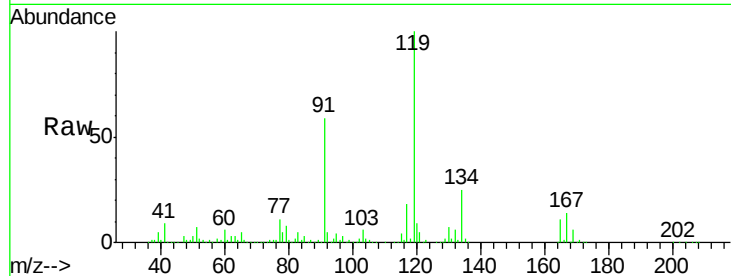




#83
 tert-Butylbenzene
 Concen: 56.635 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

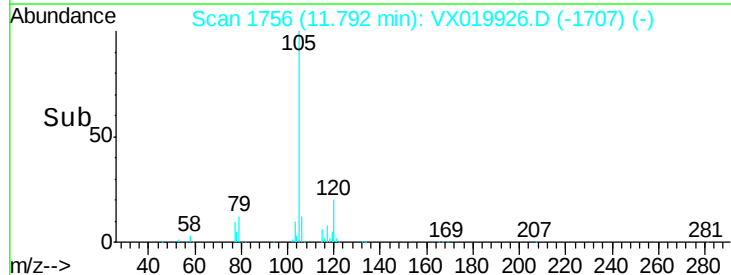
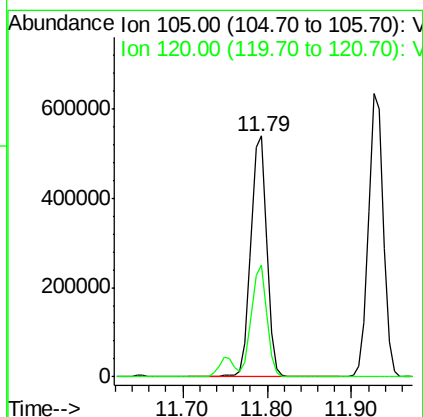
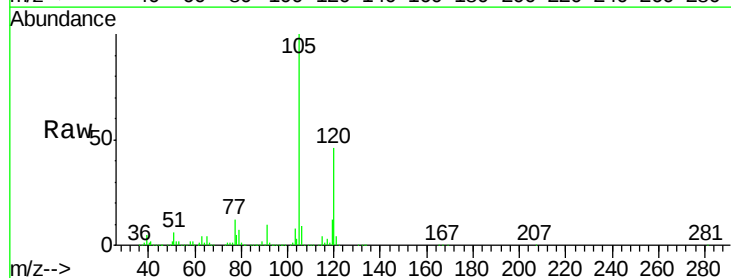
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

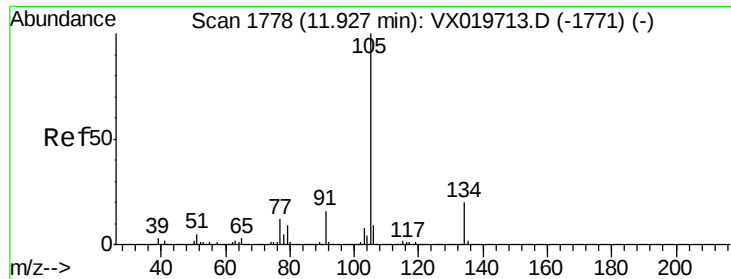
Tgt Ion:119 Resp: 649915
 Ion Ratio Lower Upper
 119 100
 91 58.0 27.9 83.7
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 57.513 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion:105 Resp: 677874
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

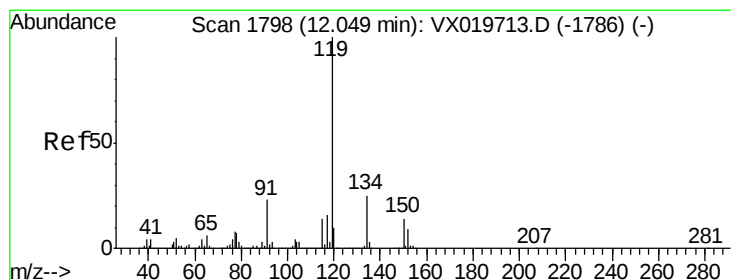
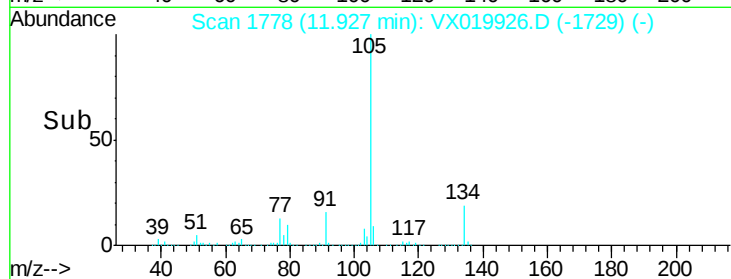
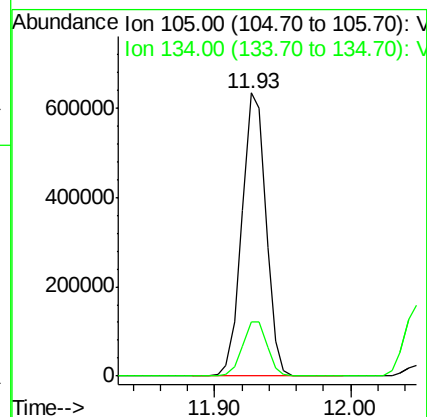
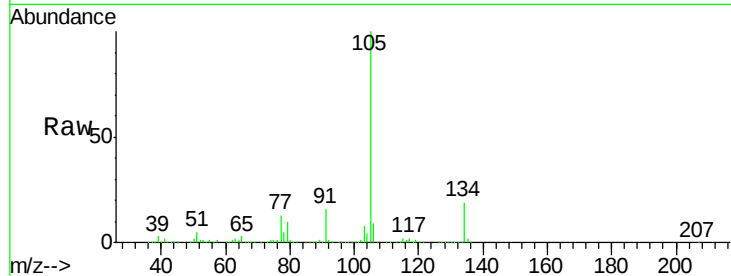




#85
 sec-Butylbenzene
 Concen: 59.594 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

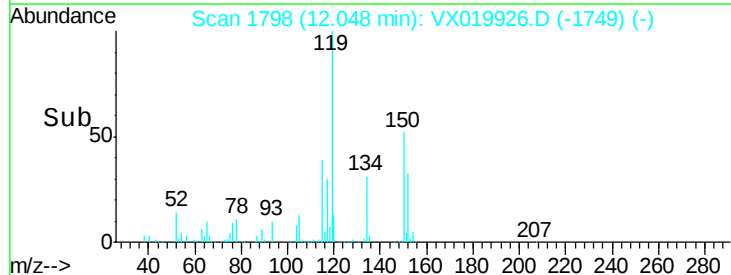
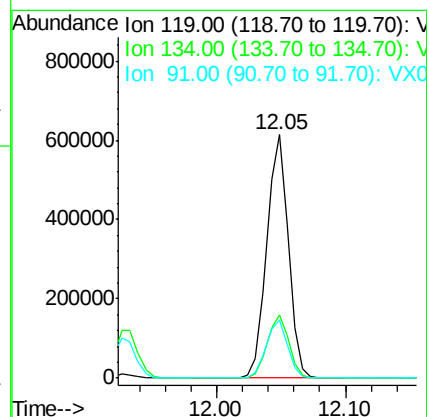
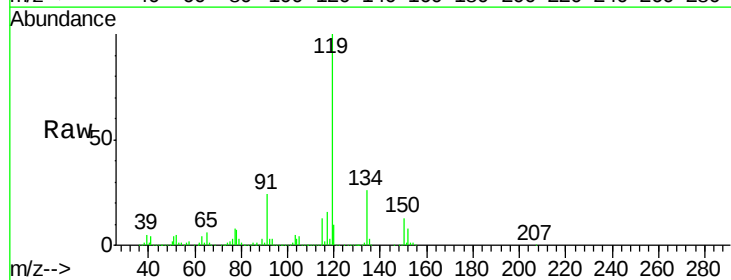
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

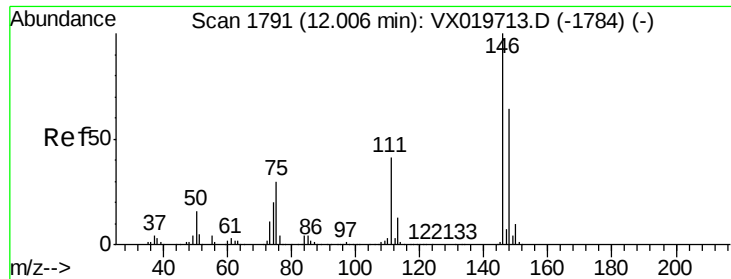
Tgt Ion:105 Resp: 780787
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 58.837 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion:119 Resp: 706496
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 54.946 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

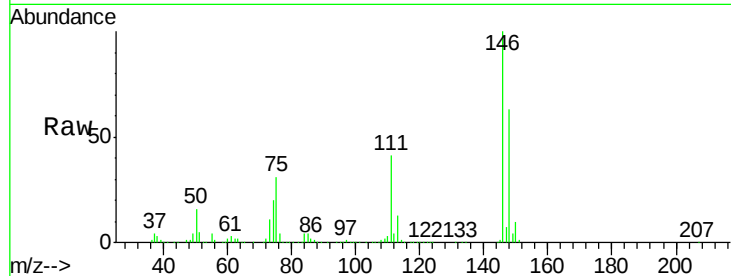
Tgt Ion:146 Resp: 357797

Ion Ratio Lower Upper

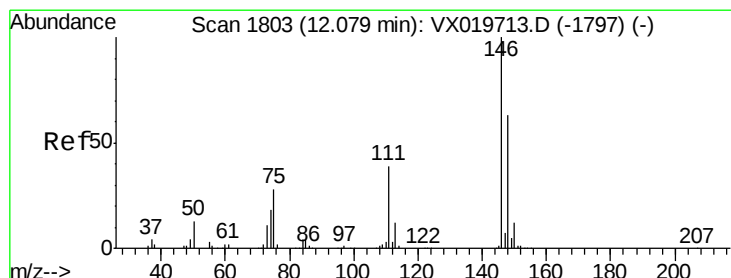
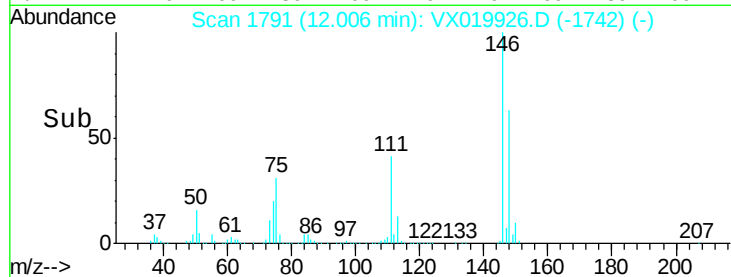
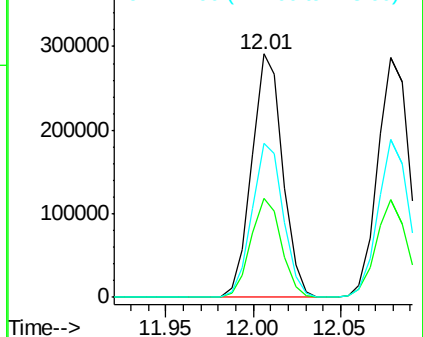
146 100

111 40.4 20.2 60.5

148 63.7 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 54.082 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019926.D

Acq: 12 Dec 2020 12:33

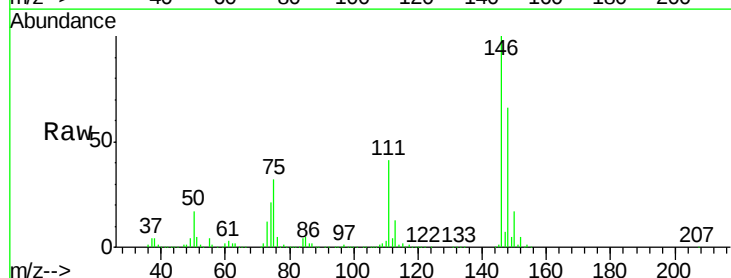
Tgt Ion:146 Resp: 358691

Ion Ratio Lower Upper

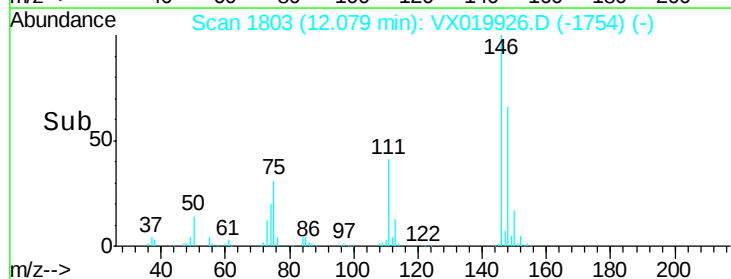
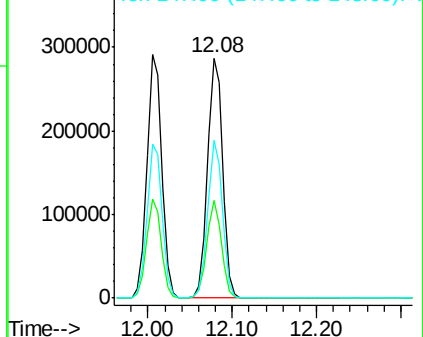
146 100

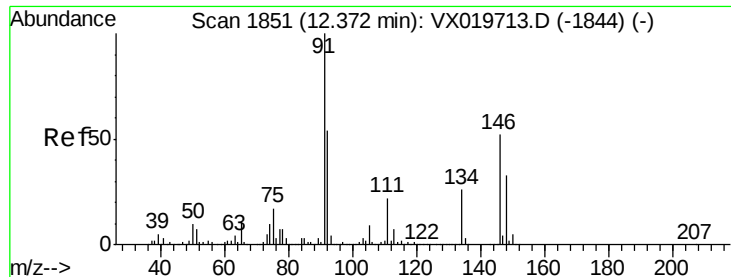
111 39.6 19.6 58.8

148 63.9 31.6 95.0



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

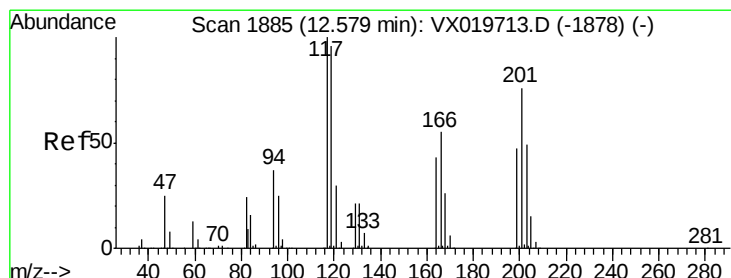
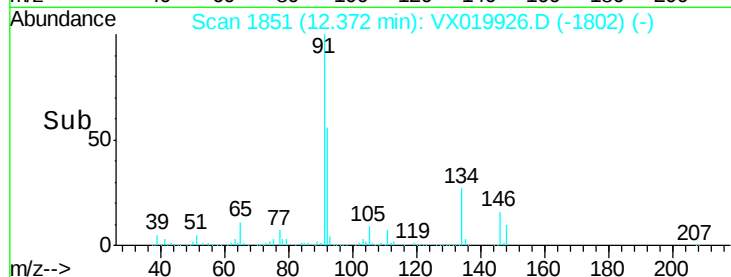
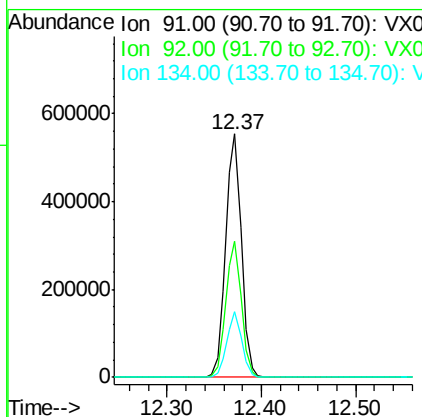
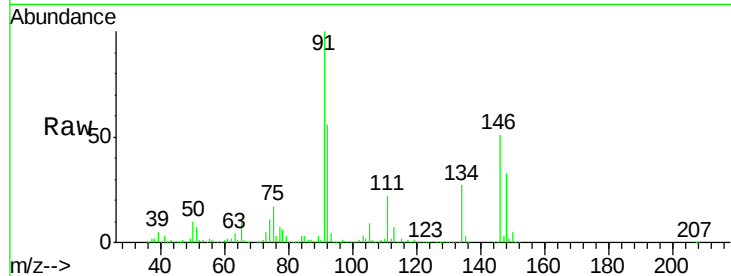




#89
n-Butylbenzene
Concen: 60.122 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

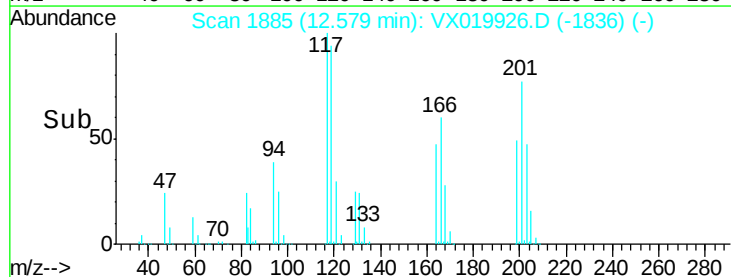
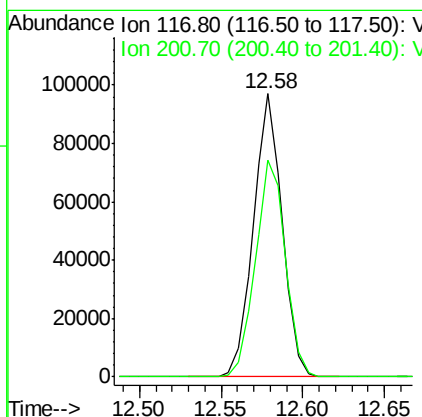
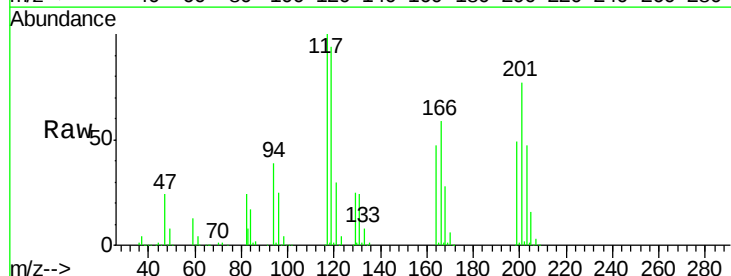
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

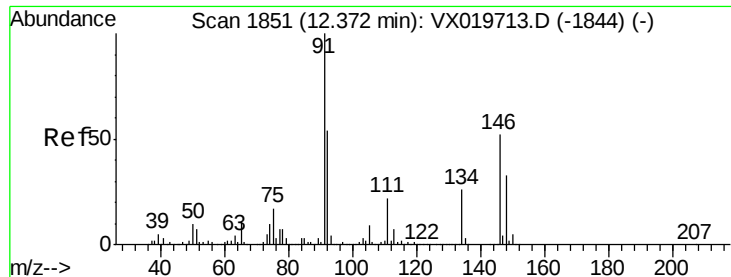
Tgt Ion: 91 Resp: 639597
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 25.7 13.2 39.5



#90
Hexachloroethane
Concen: 57.319 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion: 117 Resp: 118826
Ion Ratio Lower Upper
117 100
201 79.7 40.4 121.2

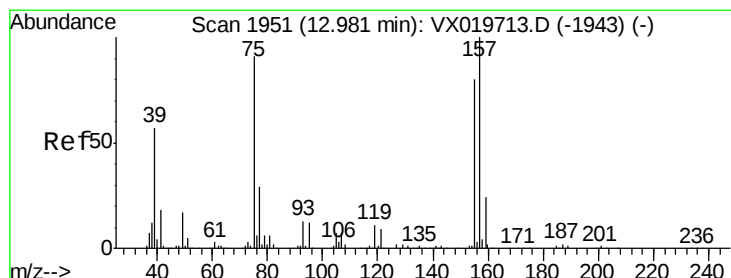
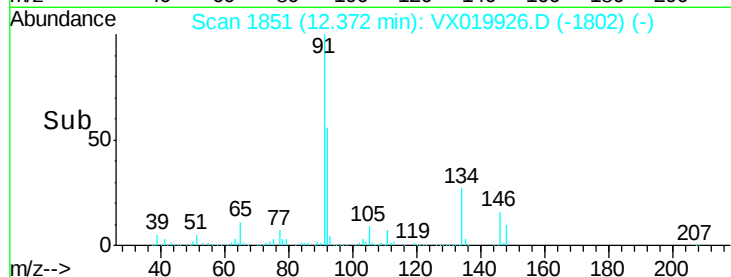
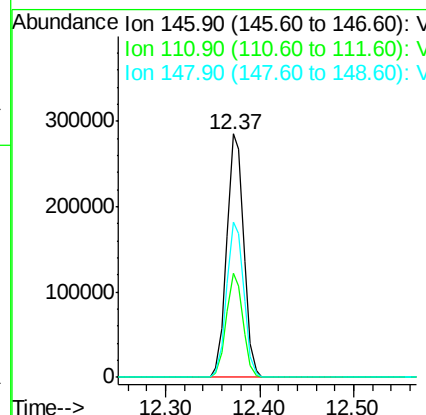
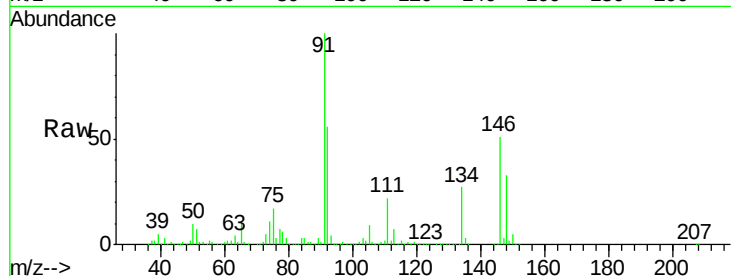




#91
 1,2-Dichlorobenzene
 Concen: 56.131 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

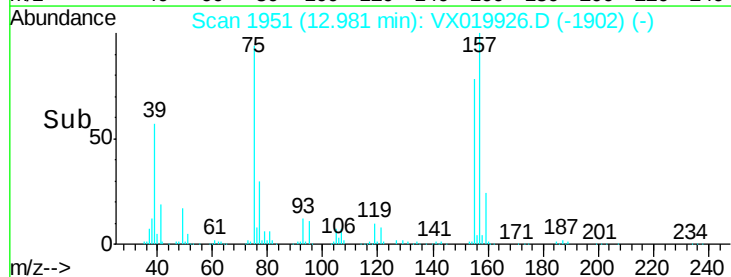
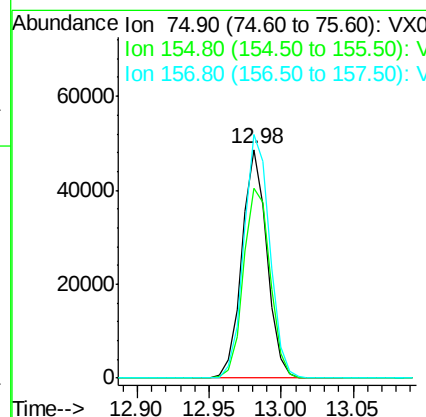
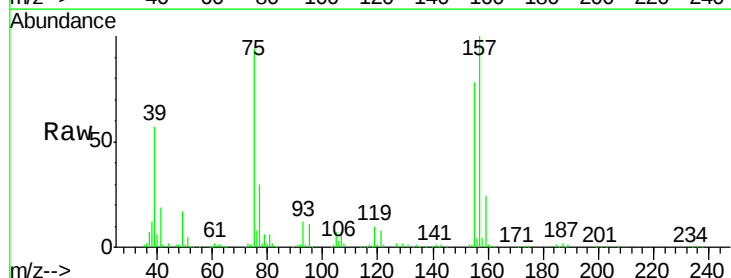
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

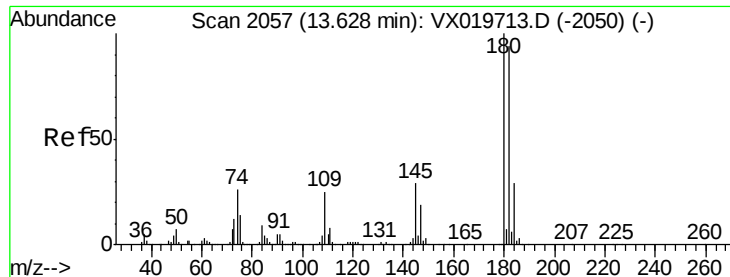
Tgt Ion: 146 Resp: 356309
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 64.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.023 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019926.D
 Acq: 12 Dec 2020 12:33

Tgt Ion: 75 Resp: 58868
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.3 135.9
 157 109.3 57.7 173.1

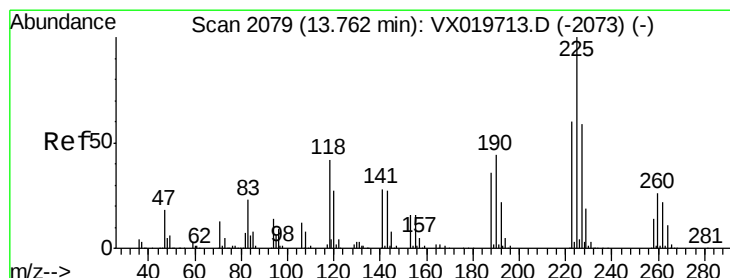
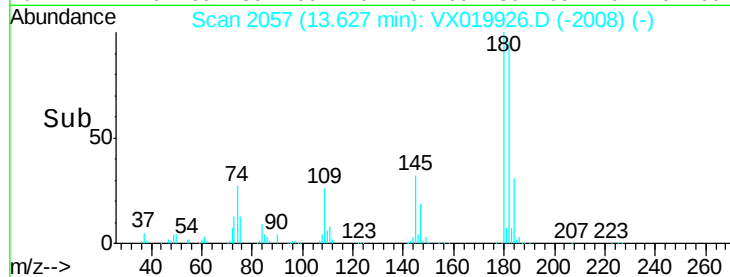
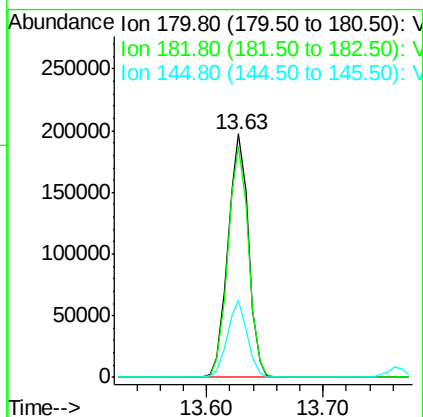
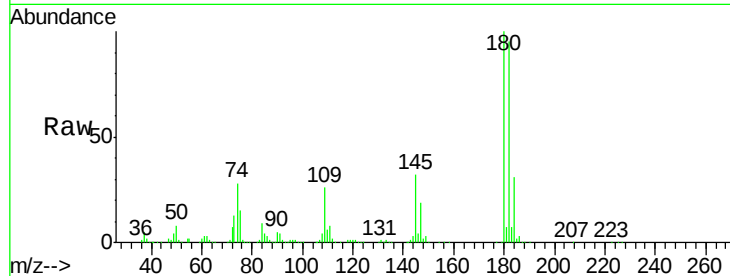




#93
1,2,4-Trichlorobenzene
Concen: 58.237 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

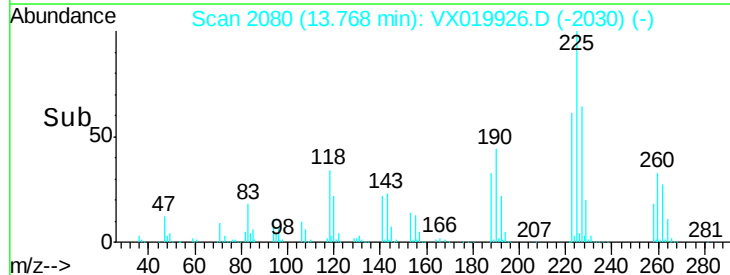
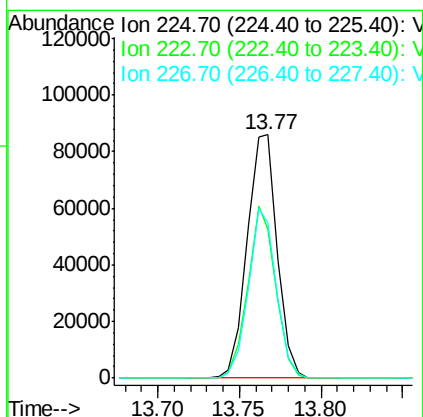
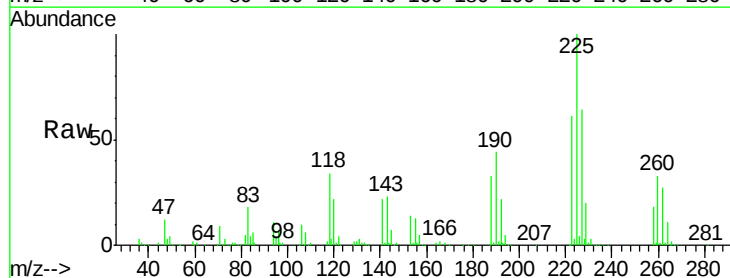
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

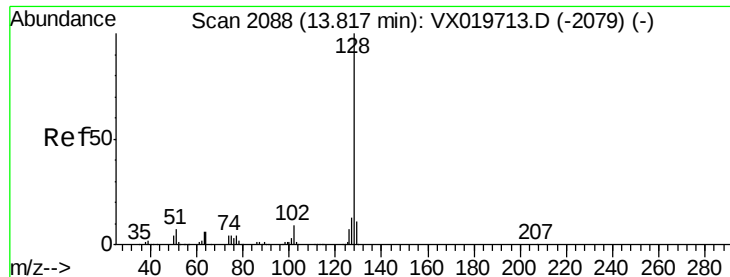
Tgt Ion:180 Resp: 240645
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 30.6 15.0 45.0



#94
Hexachlorobutadiene
Concen: 59.828 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion:225 Resp: 110495
Ion Ratio Lower Upper
225 100
223 65.0 31.1 93.2
227 64.7 31.6 95.0

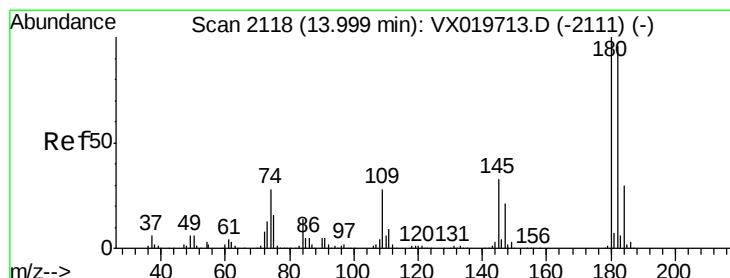
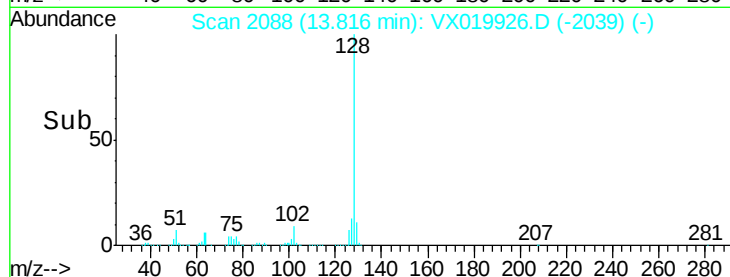
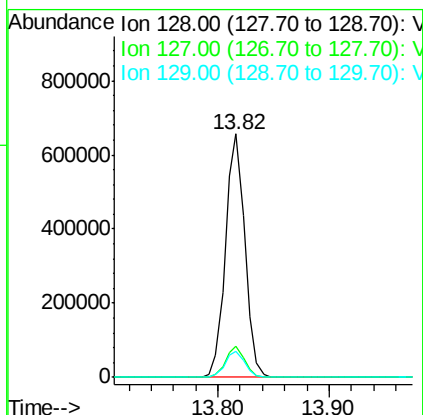
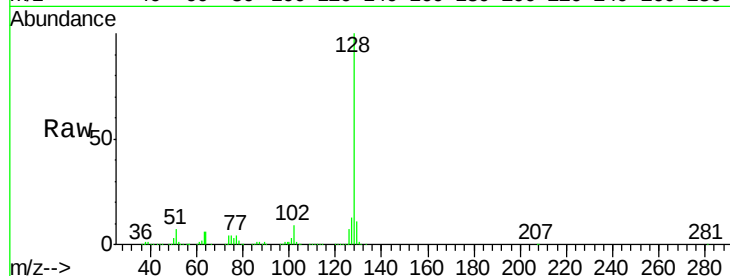




#95
Naphthalene
Concen: 58.668 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 785941
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 58.204 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019926.D
Acq: 12 Dec 2020 12:33

Tgt Ion:180 Resp: 235048
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.9
145 33.3 16.1 48.3

