

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019952.D
 Acq On : 12 Dec 2020 23:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 14 05:29:45 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	5.63	168	265112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	446261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200984	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	170844	49.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.06%	
35) Dibromofluoromethane		5.46	113	137745	47.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.52%	
50) Toluene-d8		8.70	98	531489	48.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.54%	
62) 4-Bromofluorobenzene		11.12	95	206502	49.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	116235	47.888	ug/l	98
3) Chloromethane	1.31	50	132329	46.358	ug/l	99
4) Vinyl Chloride	1.39	62	153005	50.835	ug/l	98
5) Bromomethane	1.62	94	41344	41.369	ug/l	99
6) Chloroethane	1.70	64	99682	55.132	ug/l	100
7) Trichlorofluoromethane	1.91	101	213026	50.821	ug/l	99
8) Diethyl Ether	2.17	74	93870	52.846	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121595	50.610	ug/l	99
10) Methyl Iodide	2.49	142	168380	47.546	ug/l	99
11) Tert butyl alcohol	3.02	59	195403	273.025	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121839	50.160	ug/l	97
13) Acrolein	2.27	56	89882	233.699	ug/l	99
14) Allyl chloride	2.70	41	216990	52.894	ug/l	96
15) Acrylonitrile	3.11	53	445996	283.140	ug/l	100
16) Acetone	2.42	43	364540	278.343	ug/l	100
17) Carbon Disulfide	2.55	76	304697	43.718	ug/l	99
18) Methyl Acetate	2.75	43	198982	62.087	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490592	55.459	ug/l	99
20) Methylene Chloride	2.83	84	161209	54.031	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	144129	50.896	ug/l	99
22) Diisopropyl ether	3.82	45	474749	57.237	ug/l	94
23) Vinyl Acetate	3.78	43	2009312	284.346	ug/l	99
24) 1,1-Dichloroethane	3.67	63	271603	54.302	ug/l	99
25) 2-Butanone	4.63	43	572311	284.384	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195043	45.281	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	172806	52.144	ug/l	100
28) Bromochloromethane	4.98	49	123008	51.589	ug/l	96
29) Tetrahydrofuran	5.09	42	370817	285.992	ug/l	98
30) Chloroform	5.17	83	279594	54.364	ug/l	99
31) Cyclohexane	5.55	56	228243	52.660	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	236342	53.363	ug/l	100
36) 1,1-Dichloropropene	5.76	75	201207	49.895	ug/l	98
37) Ethyl Acetate	4.79	43	221071	54.297	ug/l	99
38) Carbon Tetrachloride	5.75	117	196029	49.641	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 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	232657	49.107	ug/l	98
40) Benzene	6.11	78	630919	51.218	ug/l	99
41) Methacrylonitrile	5.00	41	123225	55.123	ug/l	98
42) 1,2-Dichloroethane	6.16	62	218265	51.860	ug/l	100
43) Isopropyl Acetate	6.41	43	357051	53.939	ug/l	99
44) Trichloroethene	7.18	130	157150	48.623	ug/l	97
45) 1,2-Dichloropropane	7.49	63	163421	53.081	ug/l	97
46) Dibromomethane	7.63	93	107283	51.602	ug/l	99
47) Bromodichloromethane	7.87	83	216473	52.471	ug/l	100
48) Methyl methacrylate	7.74	41	176748	54.291	ug/l	97
49) 1,4-Dioxane	7.71	88	85873	1088.868	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1134596	280.742	ug/l	100
52) Toluene	8.76	92	405192	52.593	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	232873	50.867	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	258355	51.945	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	165098	53.176	ug/l	99
56) Ethyl methacrylate	9.16	69	257758	54.873	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278888	52.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	681569	273.889	ug/l	100
59) 2-Hexanone	9.47	43	869774	277.649	ug/l	100
60) Dibromochloromethane	9.56	129	167230	53.015	ug/l	100
61) 1,2-Dibromoethane	9.65	107	170412	51.689	ug/l	99
64) Tetrachloroethene	9.32	164	133793	48.679	ug/l	96
65) Chlorobenzene	10.12	112	416301	50.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	156144	53.131	ug/l	99
67) Ethyl Benzene	10.23	91	751078	51.822	ug/l	100
68) m/p-Xylenes	10.34	106	567435	103.900	ug/l	99
69) o-Xylene	10.68	106	276663	52.662	ug/l	99
70) Styrene	10.70	104	473976	53.452	ug/l	100
71) Bromoform	10.84	173	123065	53.230	ug/l #	100
73) Isopropylbenzene	11.00	105	734610	53.499	ug/l	100
74) N-amyl acetate	10.88	43	313569	56.985	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	271979	56.182	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	302646	67.139	ug/l	87
77) Bromobenzene	11.24	156	183856	52.322	ug/l	99
78) n-propylbenzene	11.34	91	851587	54.300	ug/l	99
79) 2-Chlorotoluene	11.40	91	518731	53.711	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	624965	53.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80743	51.781	ug/l	99
82) 4-Chlorotoluene	11.49	91	598171	52.883	ug/l	99
83) tert-Butylbenzene	11.76	119	622963	54.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	642644	55.052	ug/l	98
85) sec-Butylbenzene	11.93	105	716493	55.215	ug/l	100
86) p-Isopropyltoluene	12.05	119	659648	55.467	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	327897	50.841	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	331278	50.432	ug/l	98
89) n-Butylbenzene	12.37	91	571308	54.222	ug/l	99
90) Hexachloroethane	12.58	117	110705	53.918	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	336471	53.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58409	56.124	ug/l	94

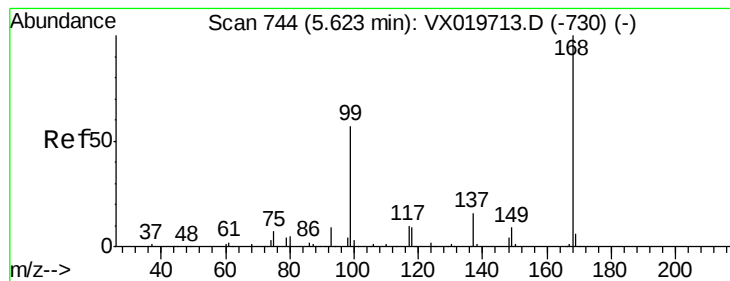
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217385	53.117	ug/l	96
94) Hexachlorobutadiene	13.76	225	97745	53.436	ug/l	98
95) Naphthalene	13.82	128	819405	61.757	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	216970	54.247	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

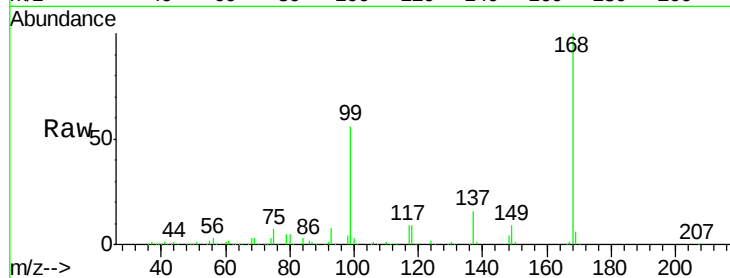
VSTDCCC050EC

Tgt Ion:168 Resp: 265112

Ion Ratio Lower Upper

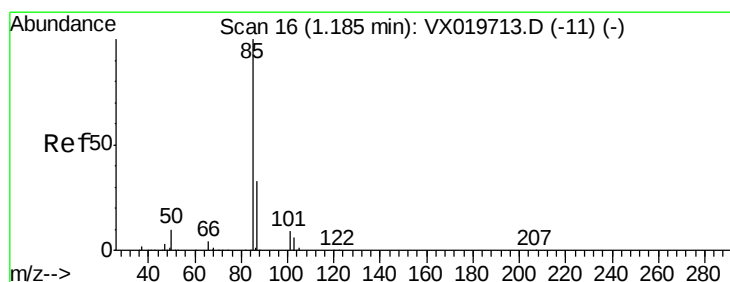
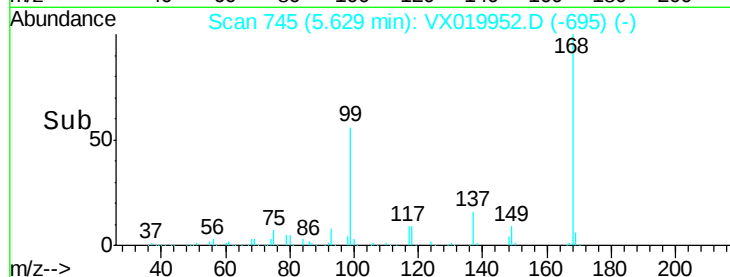
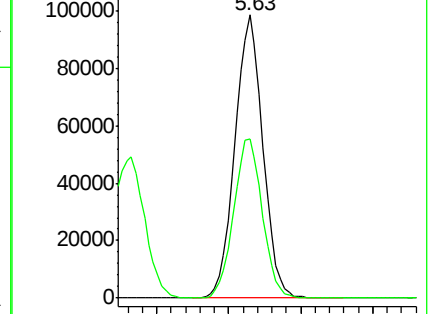
168 100

99 56.1 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: 47.888 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019952.D

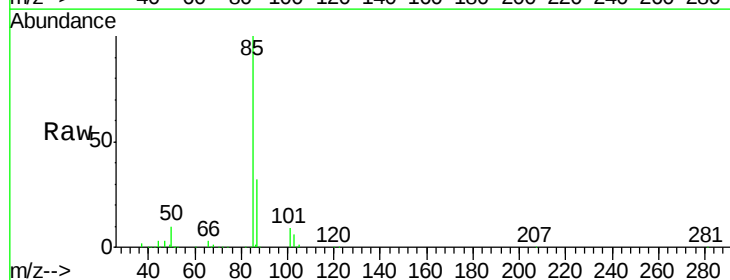
Acq: 12 Dec 2020 23:00

Tgt Ion: 85 Resp: 116235

Ion Ratio Lower Upper

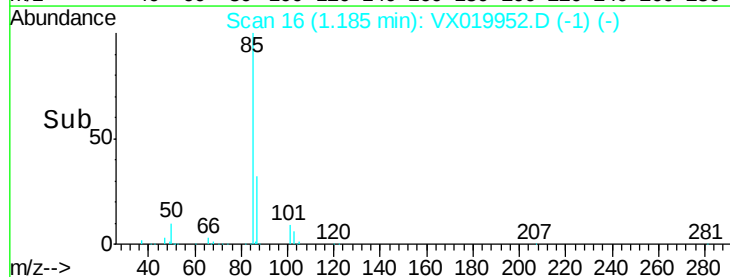
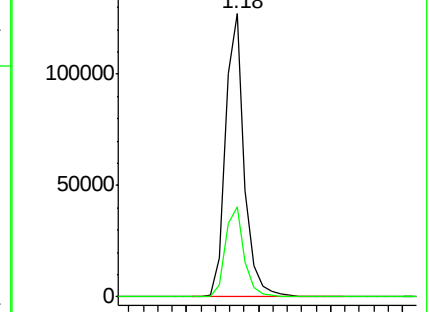
85 100

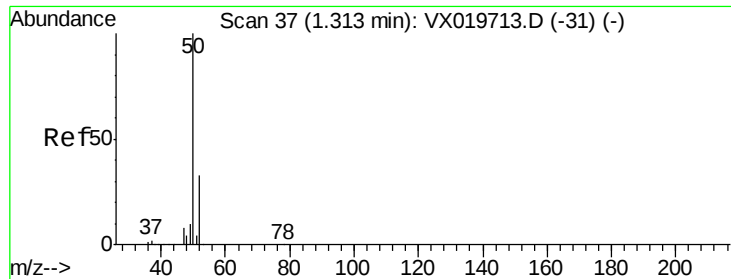
87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.358 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

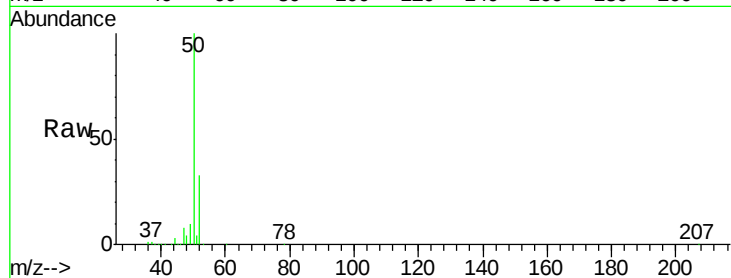
VSTDCCC050EC

Tgt Ion: 50 Resp: 132329

Ion Ratio Lower Upper

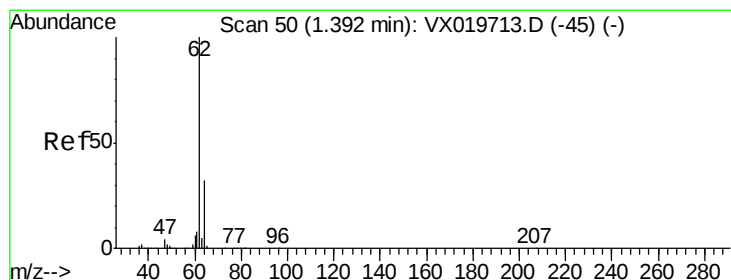
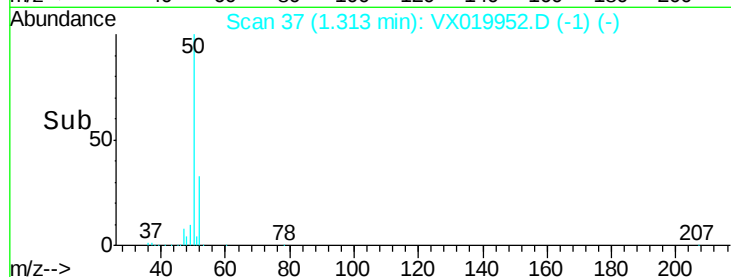
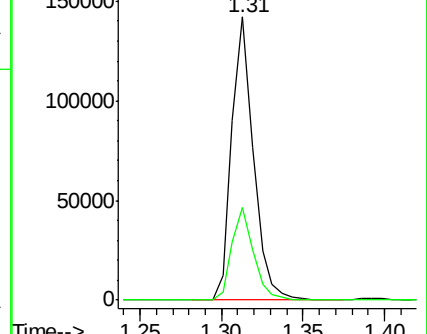
50 100

52 32.7 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: 50.835 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019952.D

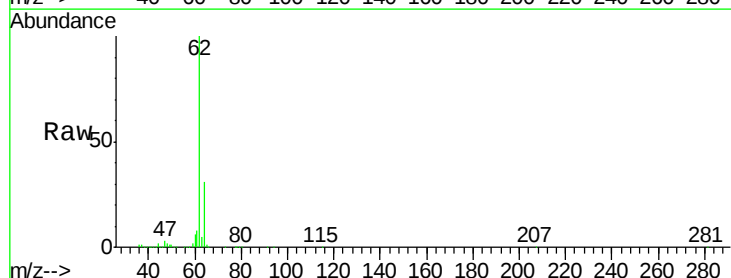
Acq: 12 Dec 2020 23:00

Tgt Ion: 62 Resp: 153005

Ion Ratio Lower Upper

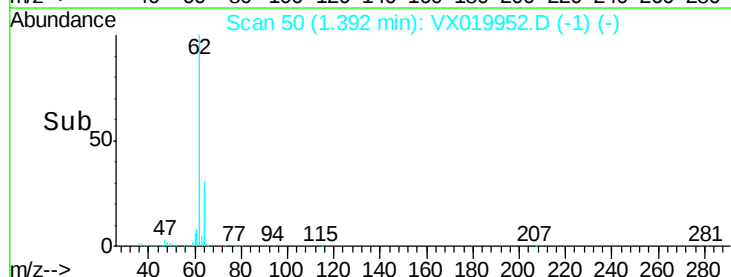
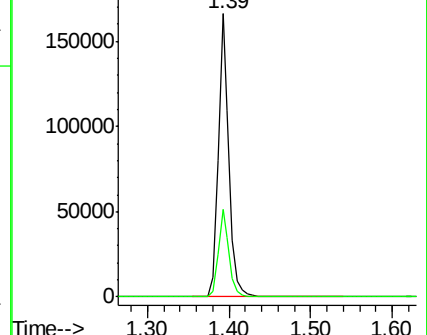
62 100

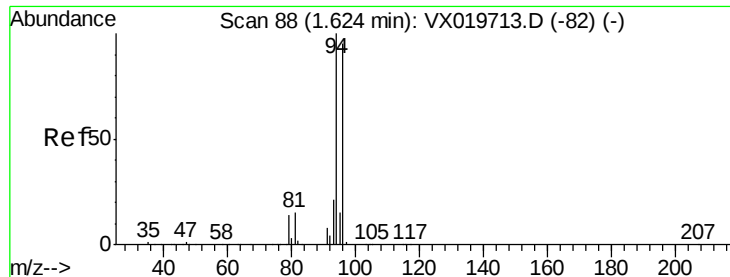
64 30.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.369 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

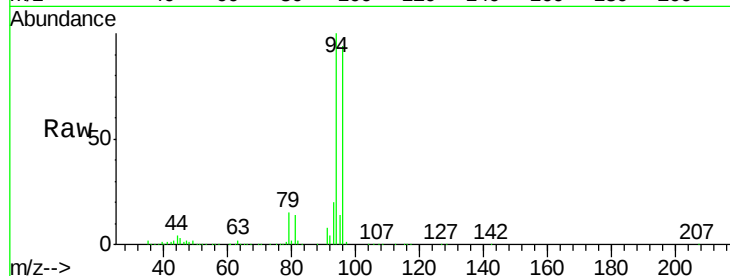
VSTDCCC050EC

Tgt Ion: 94 Resp: 41344

Ion Ratio Lower Upper

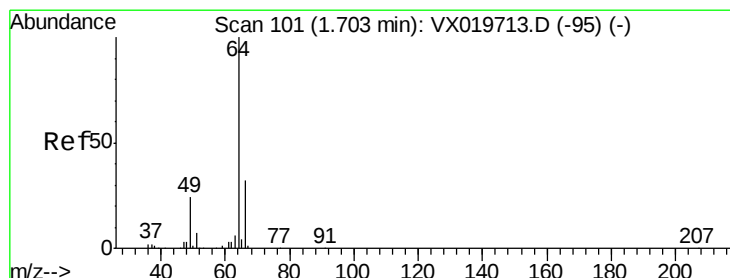
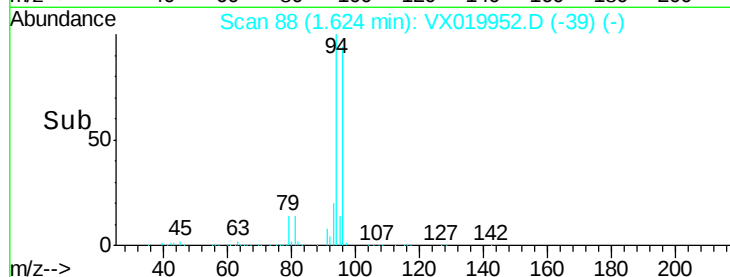
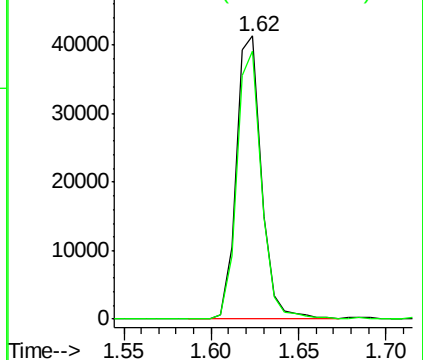
94 100

96 94.4 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: 55.132 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019952.D

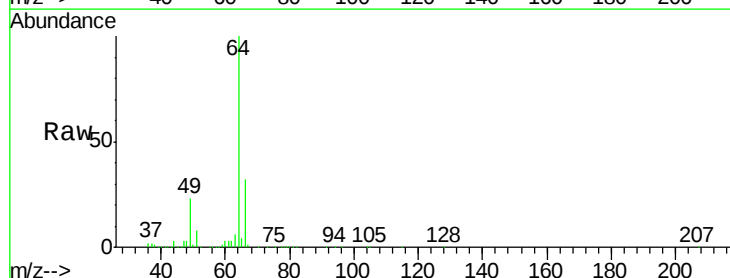
Acq: 12 Dec 2020 23:00

Tgt Ion: 64 Resp: 99682

Ion Ratio Lower Upper

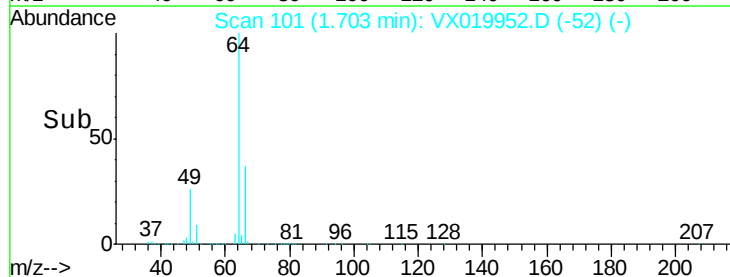
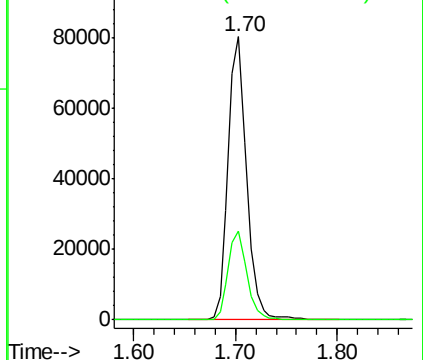
64 100

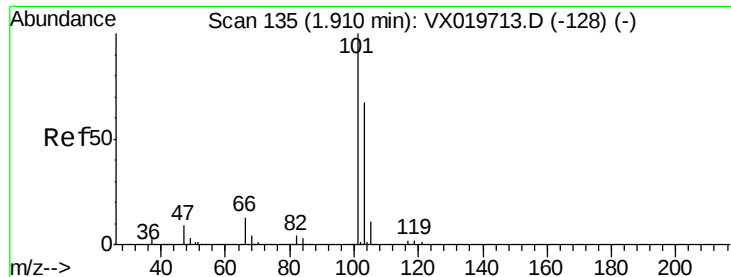
66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



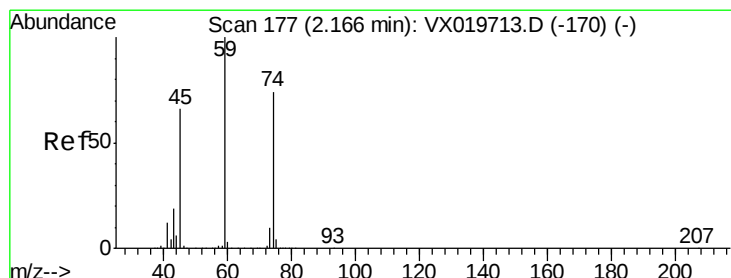
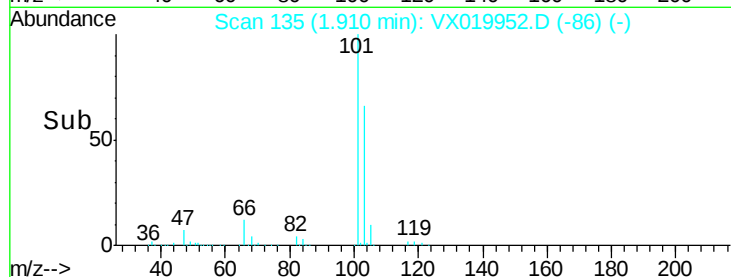
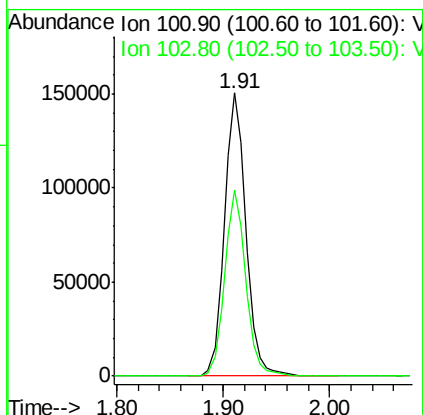
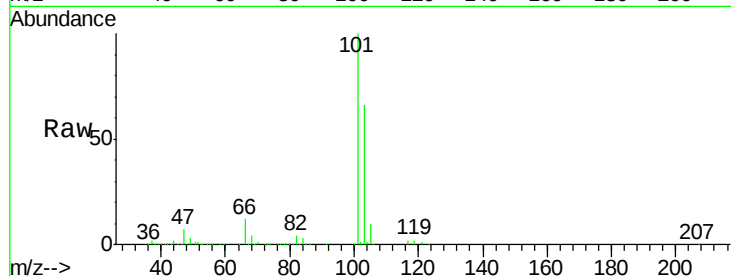


#7

Trichlorofluoromethane
 Concen: 50.821 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

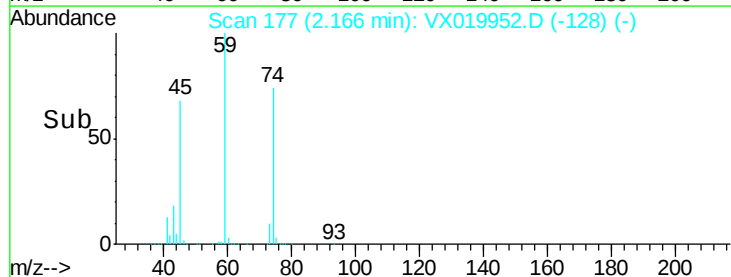
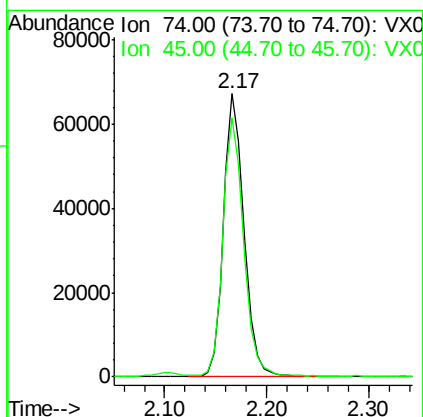
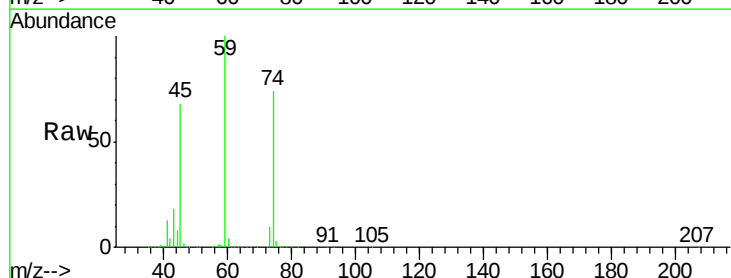
Tgt Ion:101 Resp: 213026
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.2 79.8

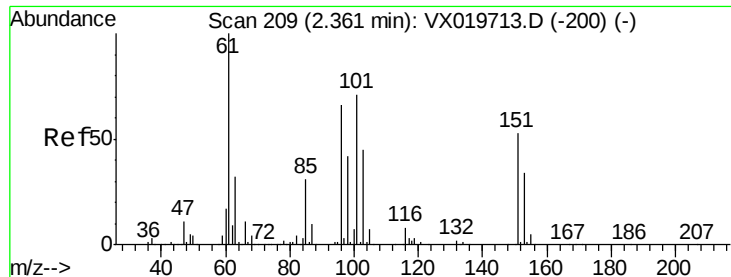


#8

Diethyl Ether
 Concen: 52.846 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 74 Resp: 93870
 Ion Ratio Lower Upper
 74 100
 45 92.3 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.610 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

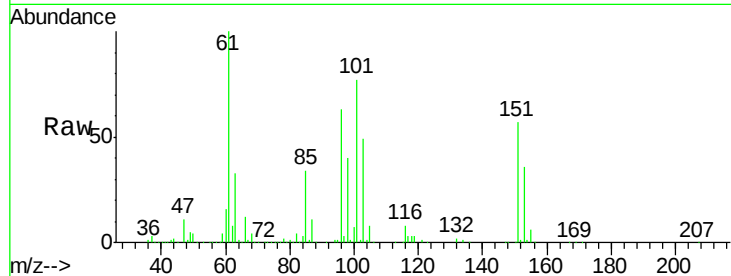
Tgt Ion:101 Resp: 121595

Ion Ratio Lower Upper

101 100

85 44.3 34.9 52.3

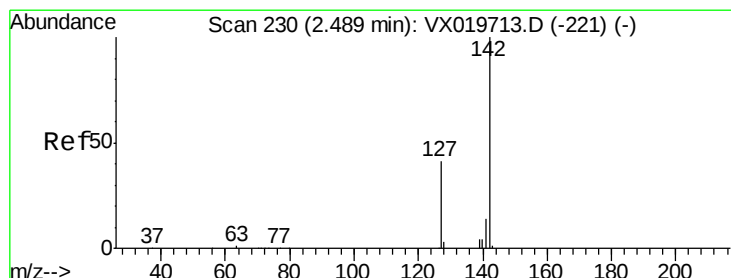
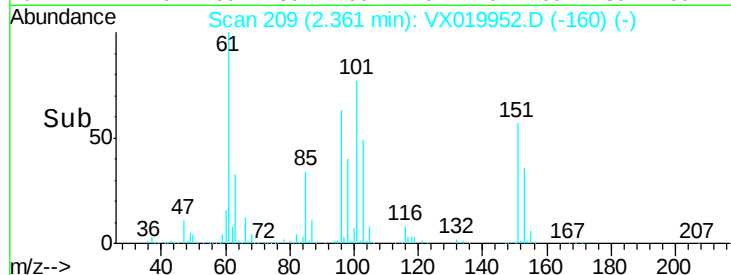
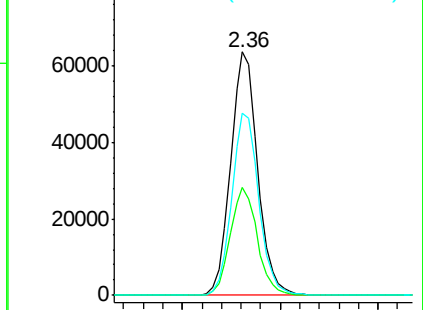
151 75.3 61.4 92.2



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: 47.546 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

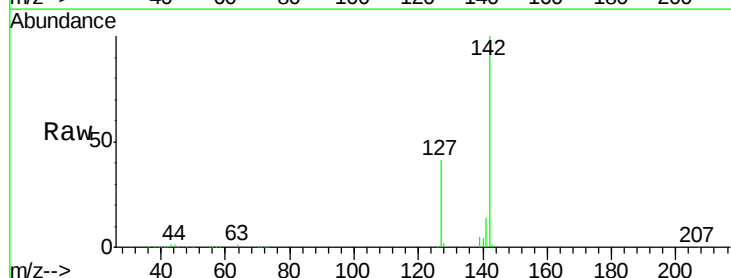
Tgt Ion:142 Resp: 168380

Ion Ratio Lower Upper

142 100

127 41.3 33.3 49.9

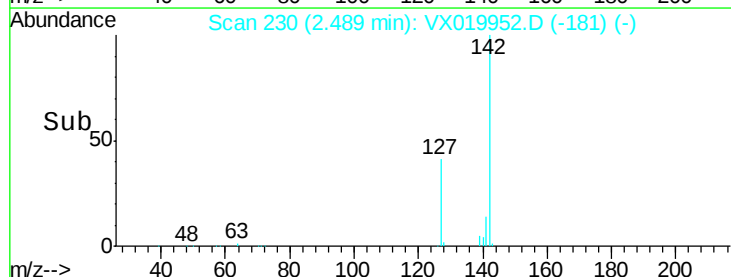
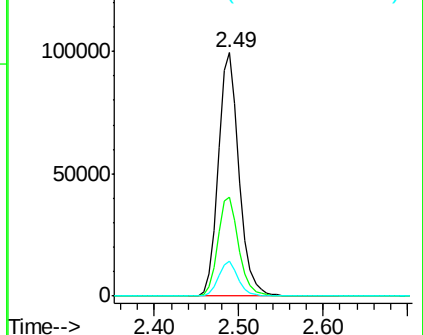
141 14.0 11.4 17.0

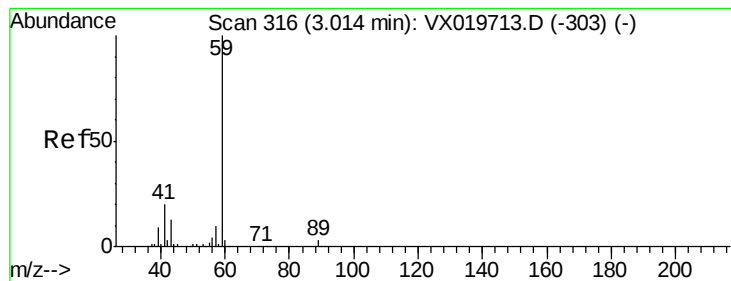


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



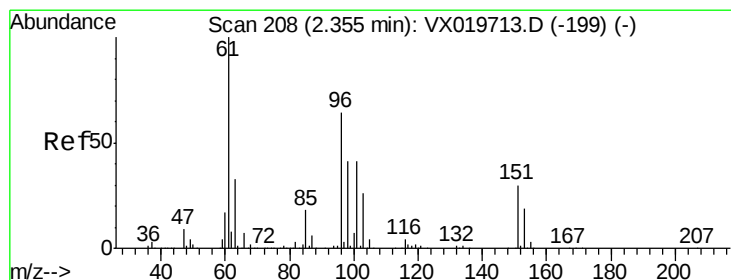
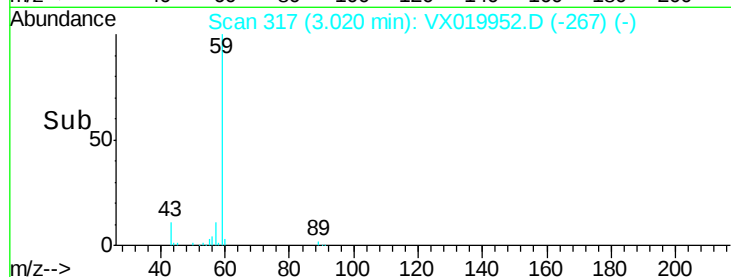
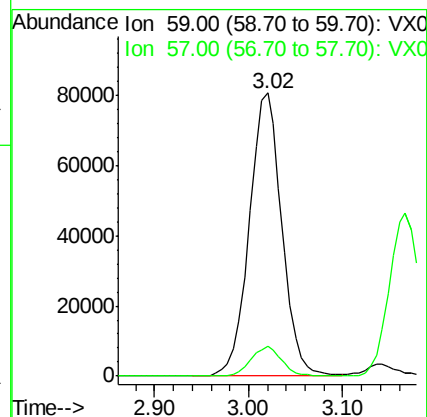
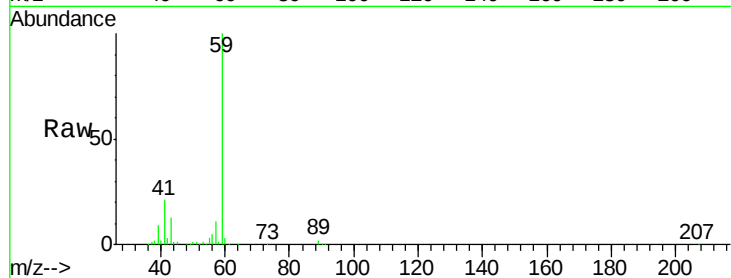


#11

Tert butyl alcohol
 Concen: 273.025 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

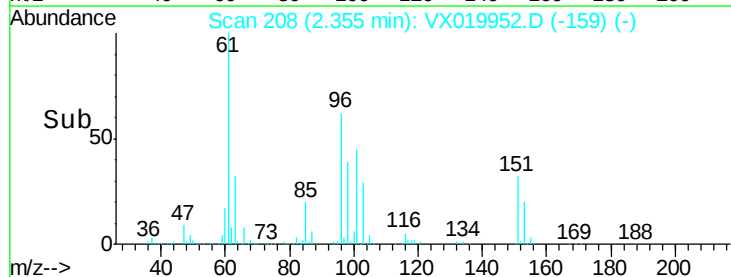
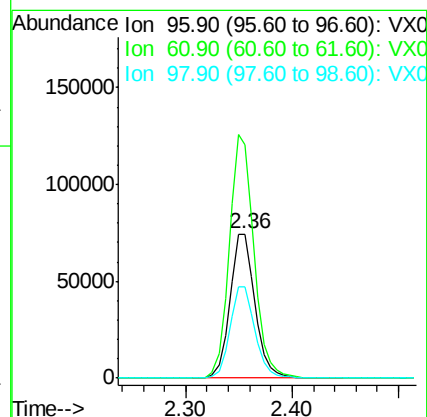
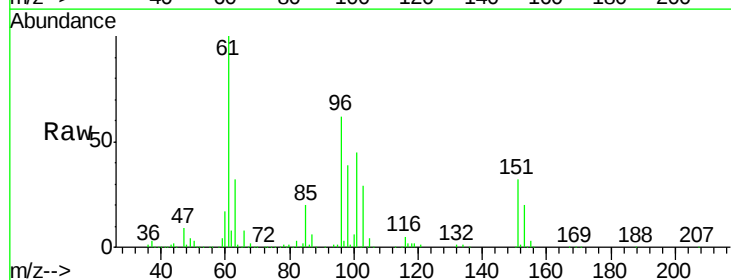
Tgt Ion: 59 Resp: 195403
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

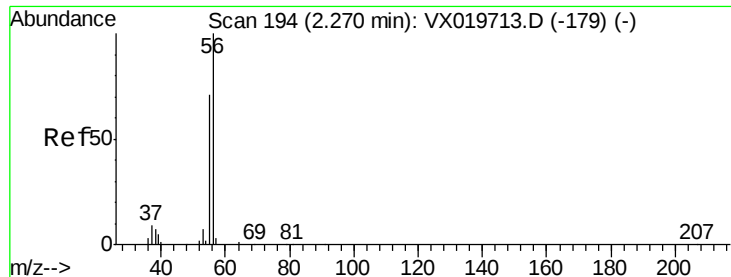


#12

1,1-Dichloroethene
 Concen: 50.160 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 96 Resp: 121839
 Ion Ratio Lower Upper
 96 100
 61 161.9 124.6 187.0
 98 63.2 50.6 76.0





#13

Acrolein

Concen: 233.699 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

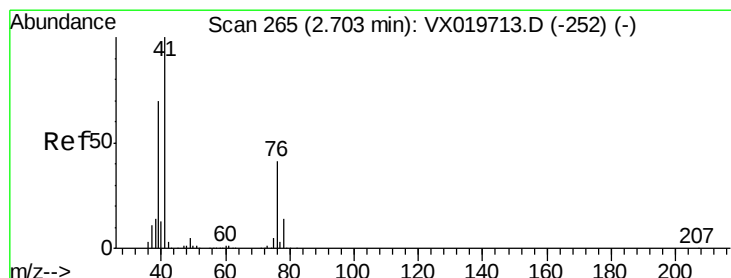
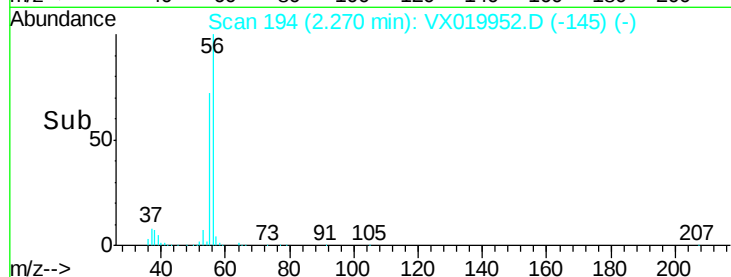
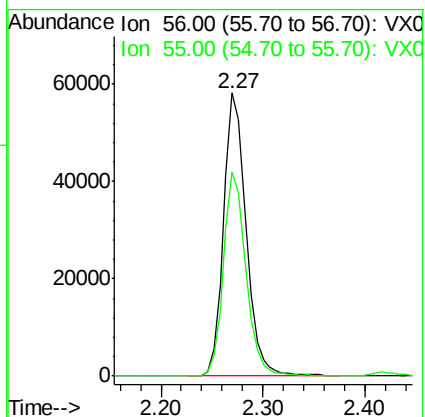
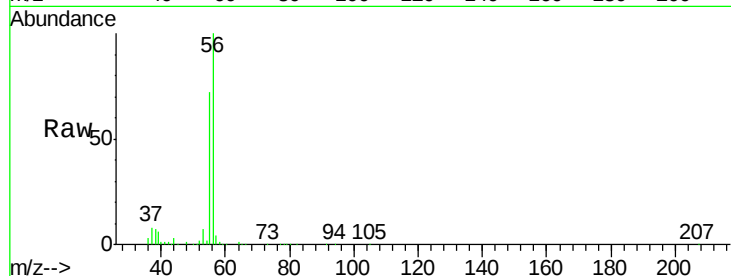
VSTDCCC050EC

Tgt Ion: 56 Resp: 89882

Ion Ratio Lower Upper

56 100

55 71.1 56.4 84.6



#14

Allyl chloride

Concen: 52.894 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

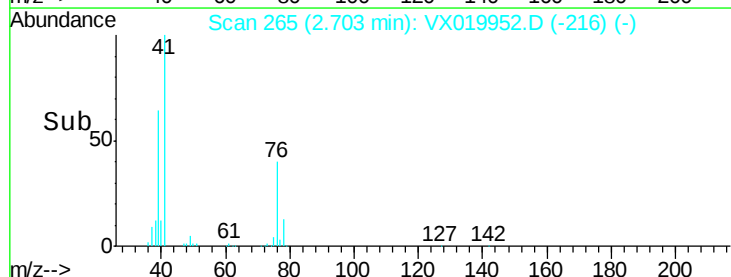
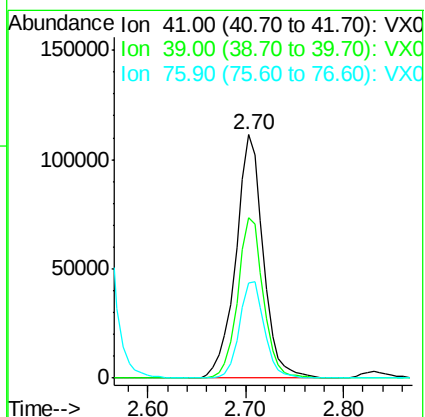
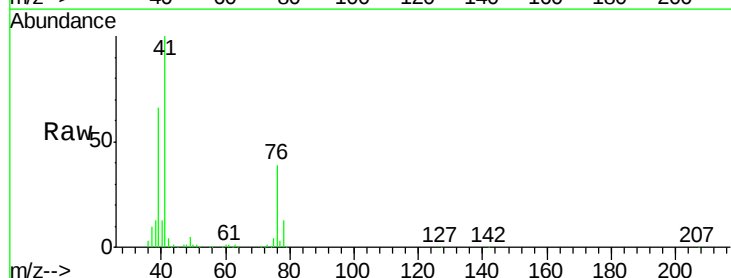
Tgt Ion: 41 Resp: 216990

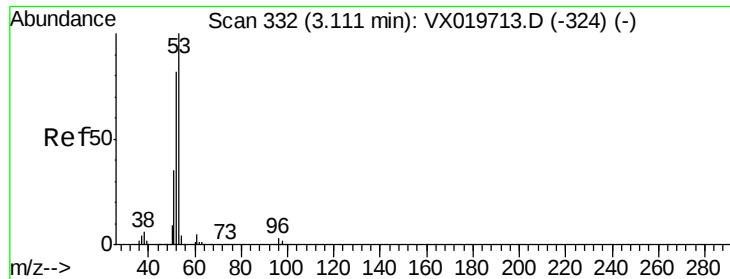
Ion Ratio Lower Upper

41 100

39 61.6 51.6 77.4

76 36.0 30.5 45.7

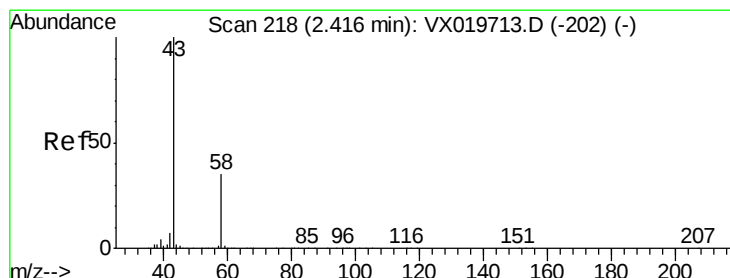
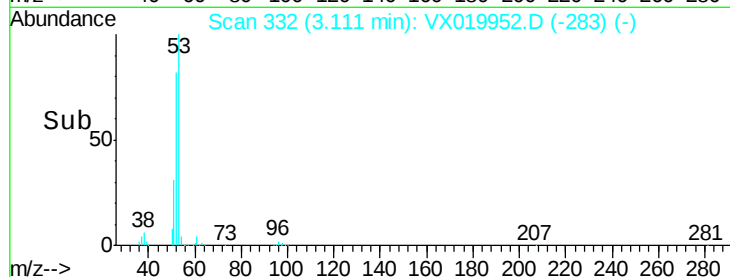
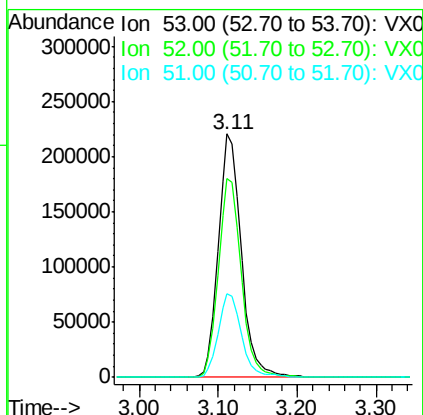
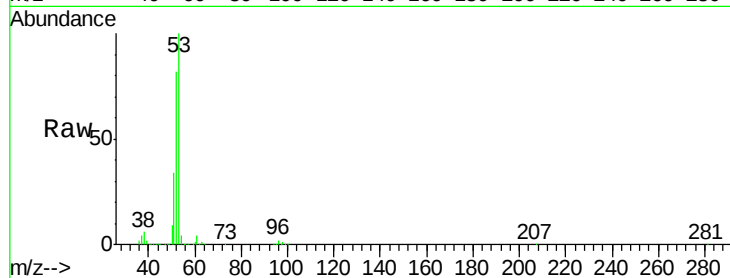




#15
 Acrylonitrile
 Concen: 283.140 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

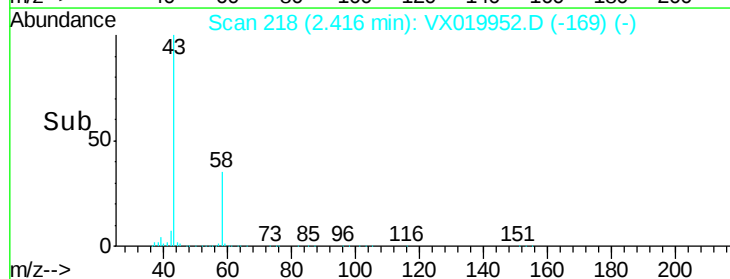
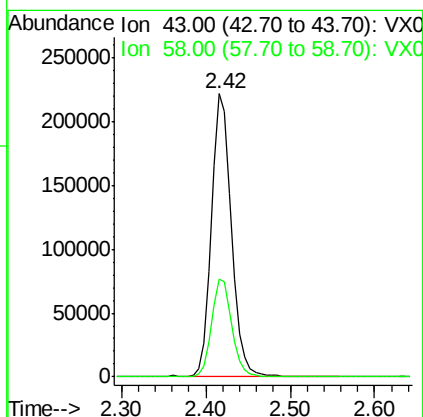
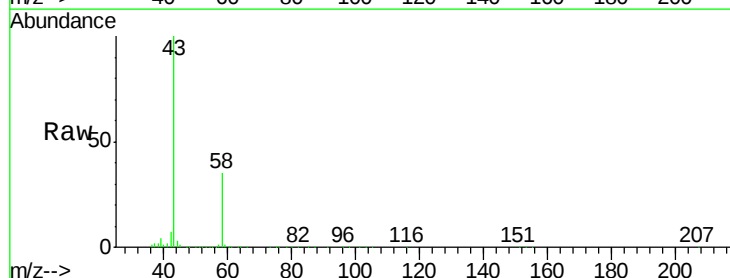
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

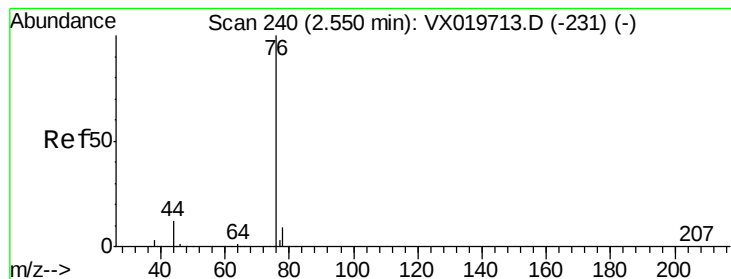
Tgt Ion: 53 Resp: 445996
 Ion Ratio Lower Upper
 53 100
 52 81.8 65.3 97.9
 51 35.1 28.2 42.2



#16
 Acetone
 Concen: 278.343 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 43 Resp: 364540
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.8 41.8





#17

Carbon Disulfide

Concen: 43.718 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

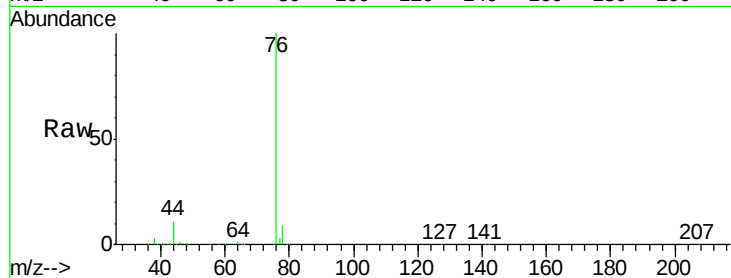
VSTDCCC050EC

Tgt Ion: 76 Resp: 304697

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

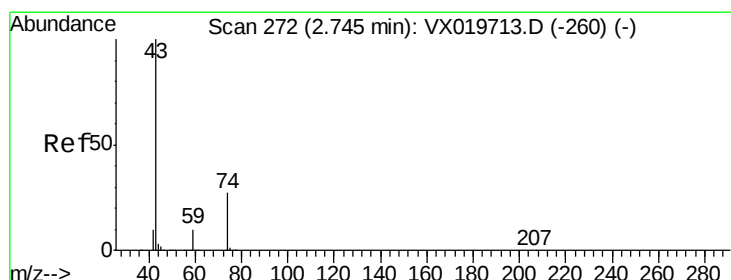
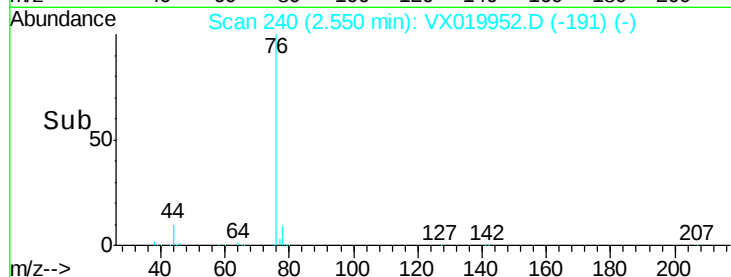
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 62.087 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019952.D

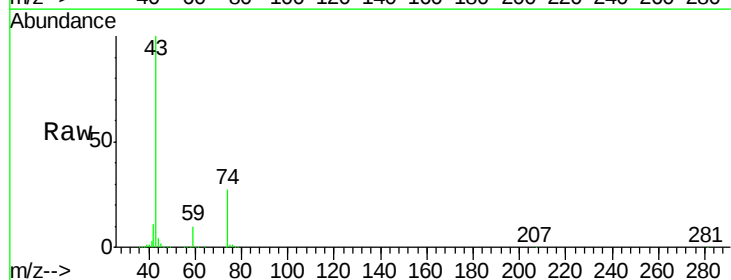
Acq: 12 Dec 2020 23:00

Tgt Ion: 43 Resp: 198982

Ion Ratio Lower Upper

43 100

74 27.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

120000

100000

80000

60000

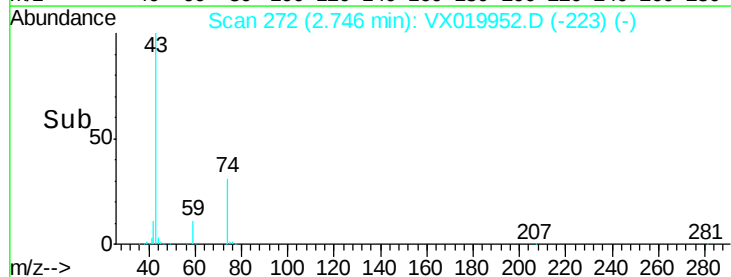
40000

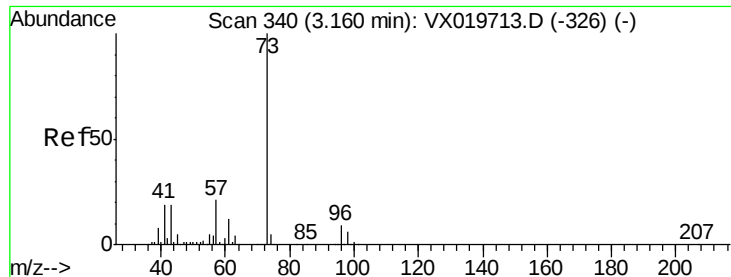
20000

0

Time-->

2.60 2.70 2.80 2.90

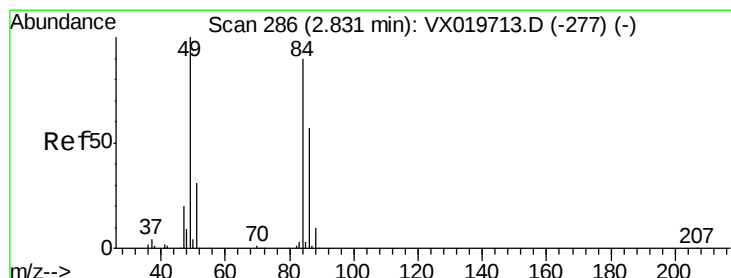
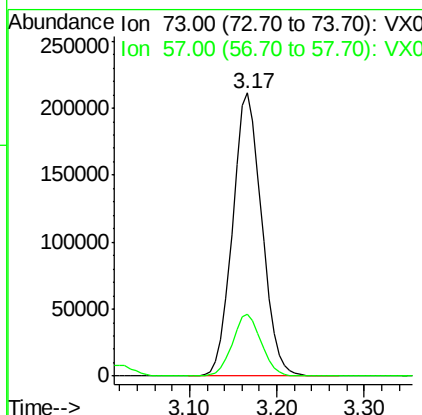
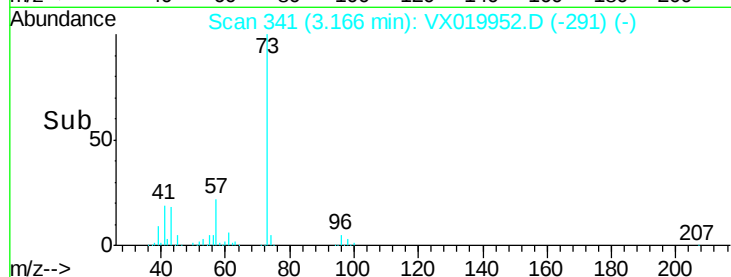
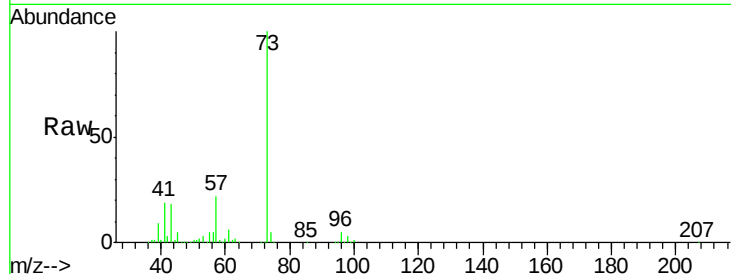




#19
Methyl tert-butyl Ether
Concen: 55.459 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

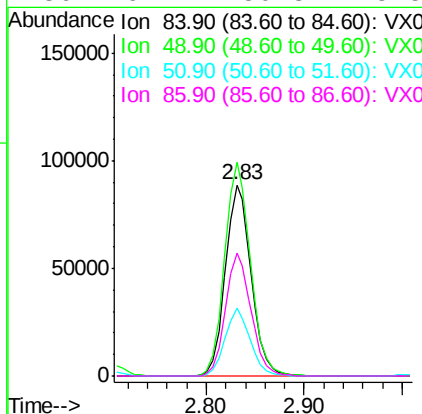
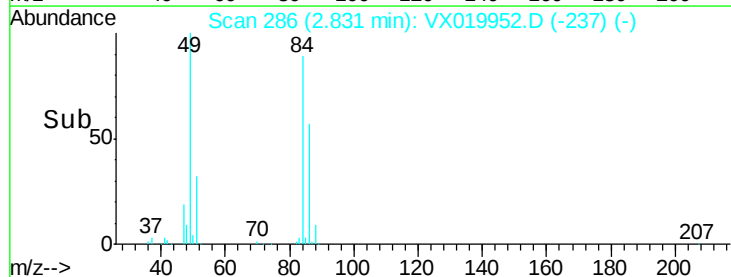
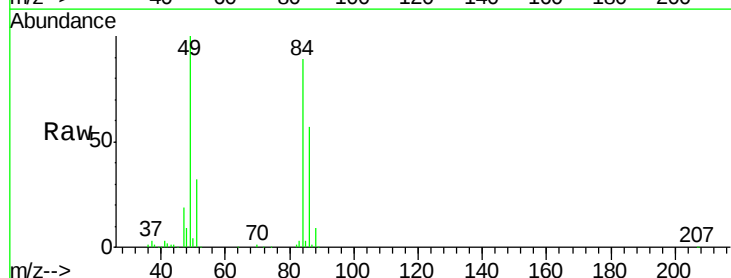
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

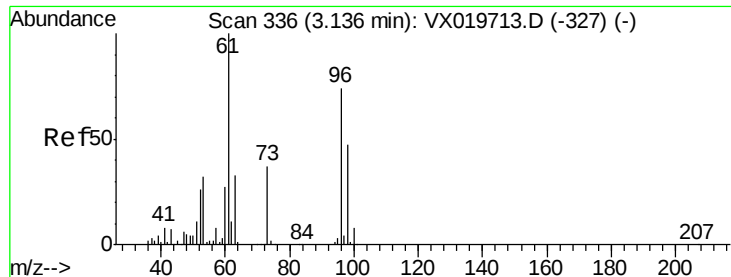
Tgt Ion: 73 Resp: 490592
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 54.031 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 84 Resp: 161209
Ion Ratio Lower Upper
84 100
49 111.9 88.6 132.8
51 35.7 27.0 40.6
86 64.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 50.896 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

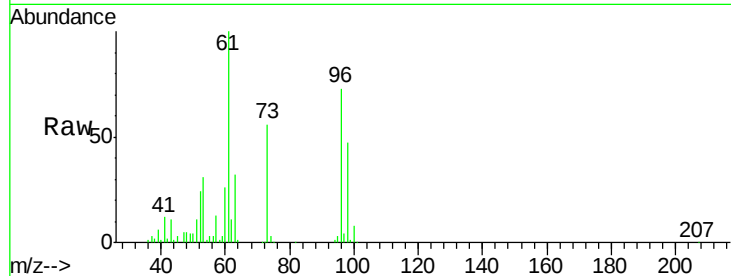
Tgt Ion: 96 Resp: 144129

Ion Ratio Lower Upper

96 100

61 136.6 107.7 161.5

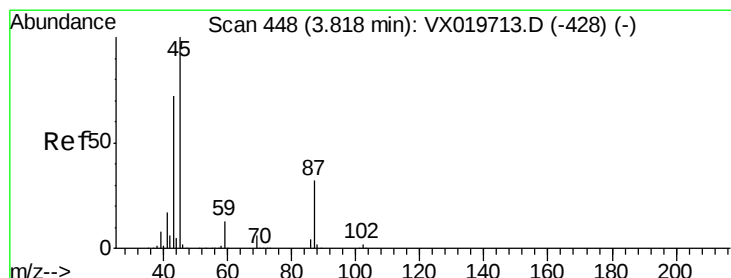
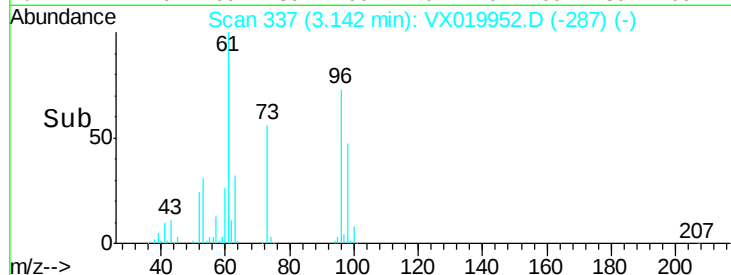
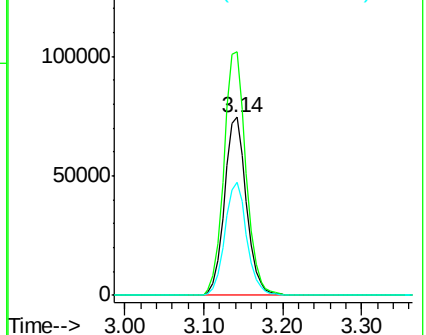
98 63.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.237 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Tgt Ion: 45 Resp: 474749

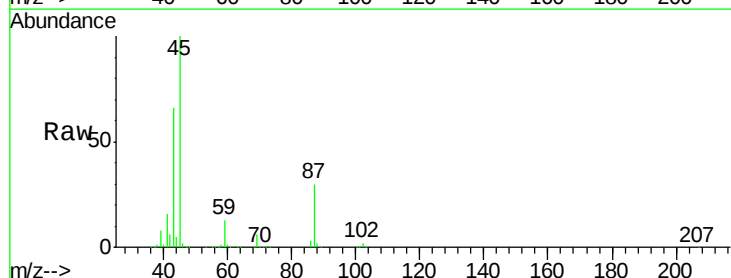
Ion Ratio Lower Upper

45 100

43 65.6 58.0 87.0

87 30.0 25.4 38.0

59 12.6 10.2 15.2

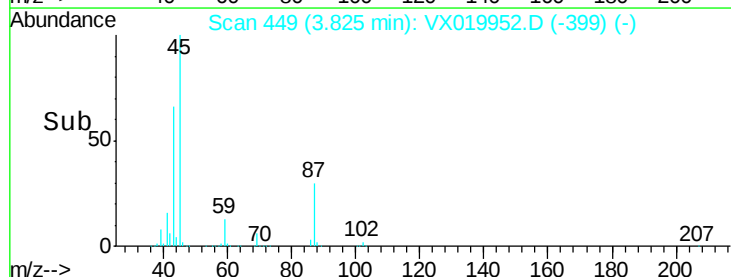
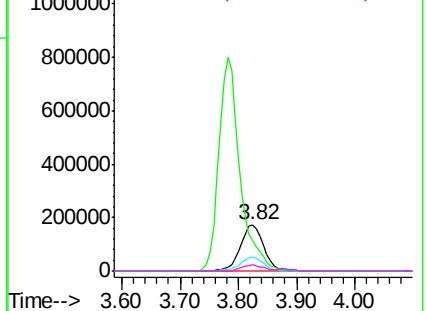


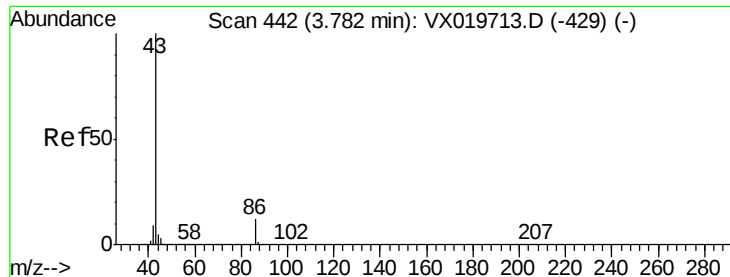
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 284.346 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

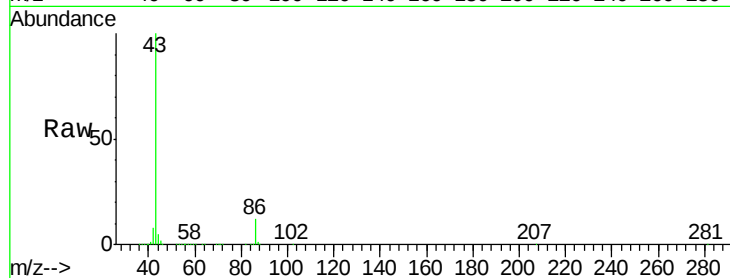
VSTDCCC050EC

Tgt Ion: 43 Resp: 2009312

Ion Ratio Lower Upper

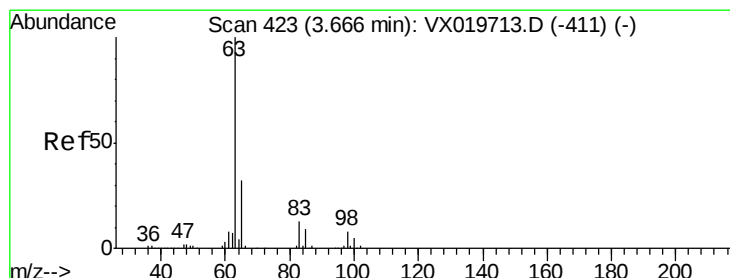
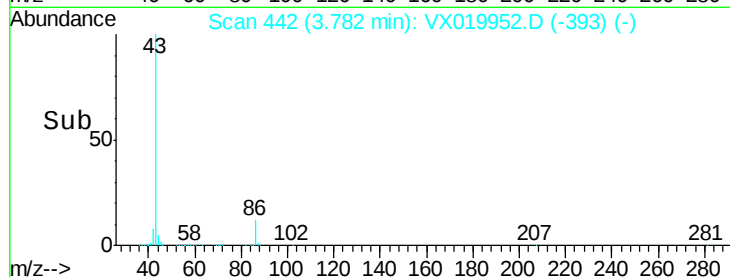
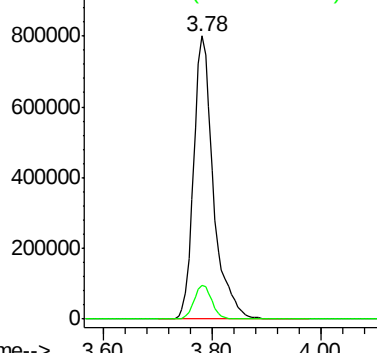
43 100

86 12.1 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: 54.302 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

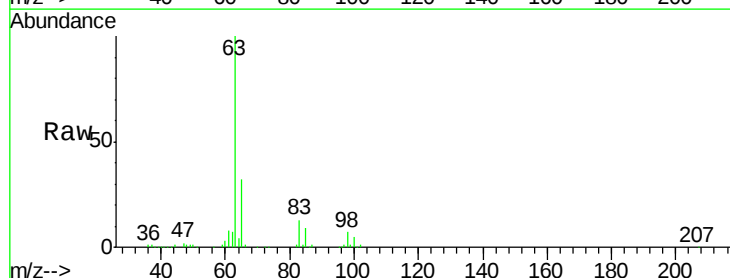
Tgt Ion: 63 Resp: 271603

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

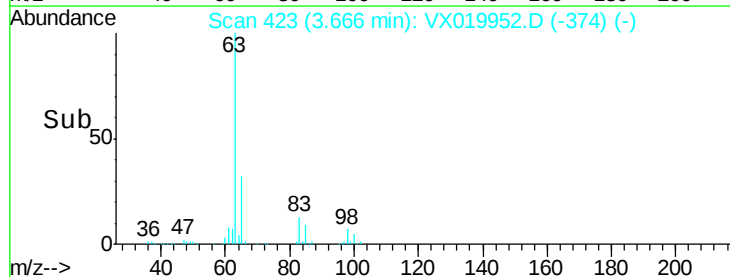
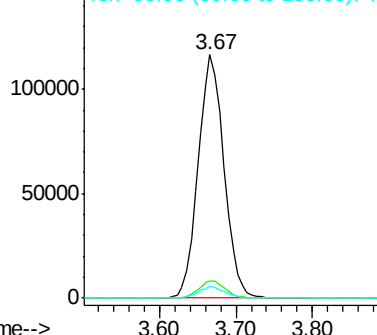
100 4.7 2.5 7.5

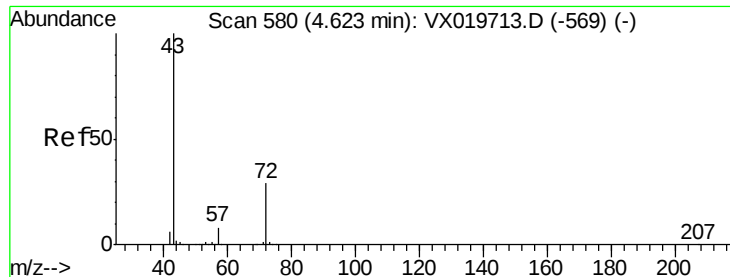


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 284.384 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

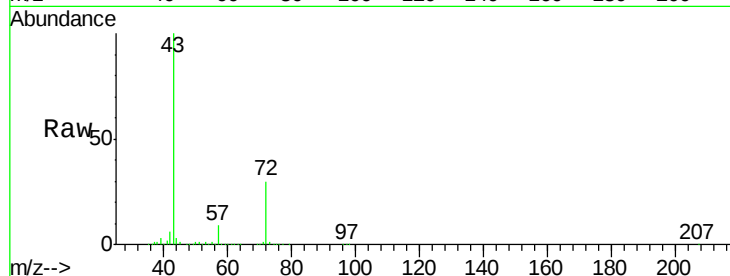
VSTDCCC050EC

Tgt Ion: 43 Resp: 572311

Ion Ratio Lower Upper

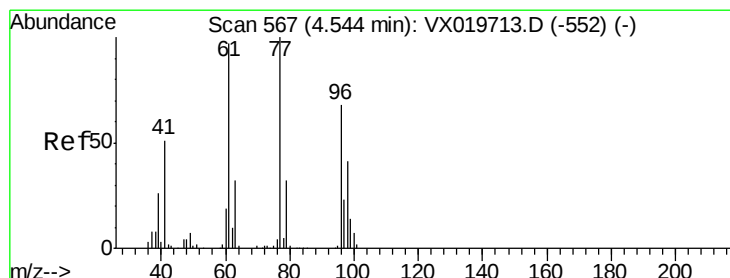
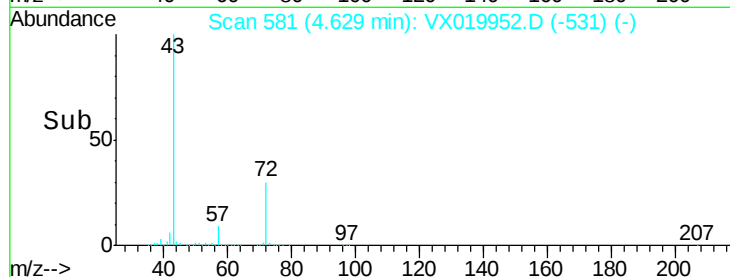
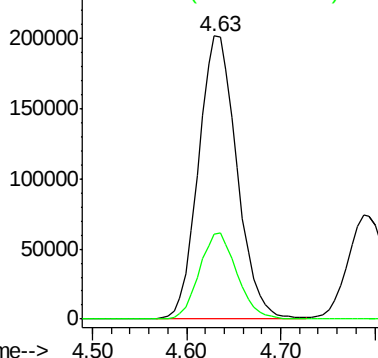
43 100

72 29.9 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.281 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019952.D

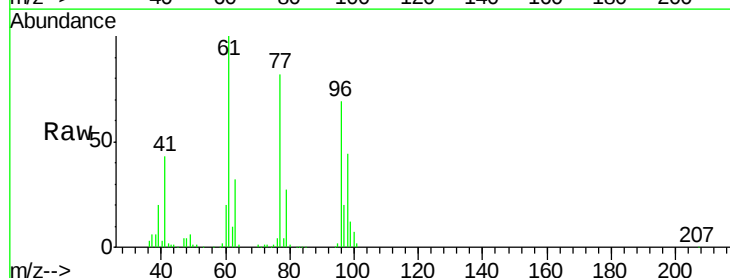
Acq: 12 Dec 2020 23:00

Tgt Ion: 77 Resp: 195043

Ion Ratio Lower Upper

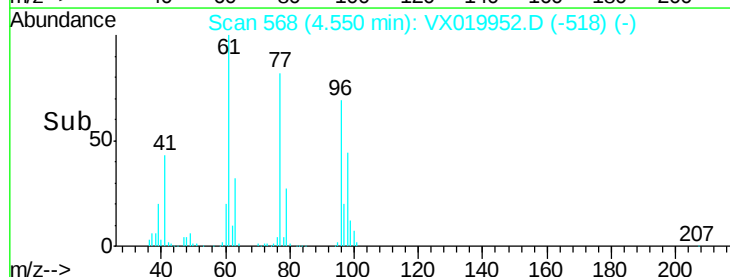
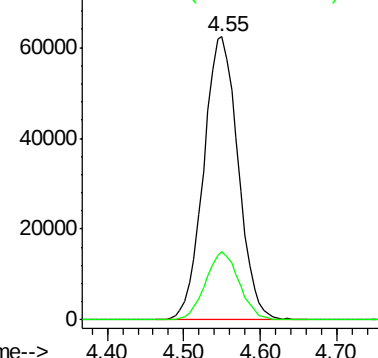
77 100

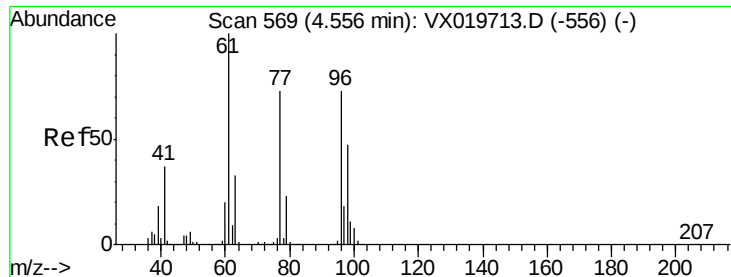
97 23.5 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

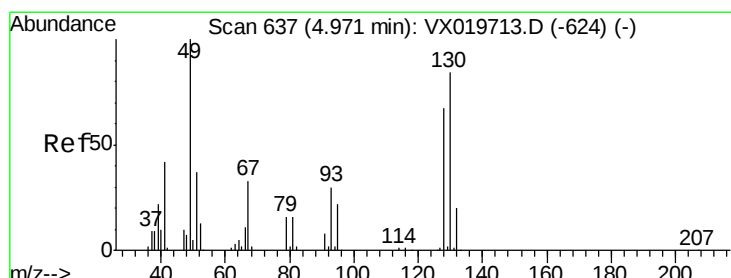
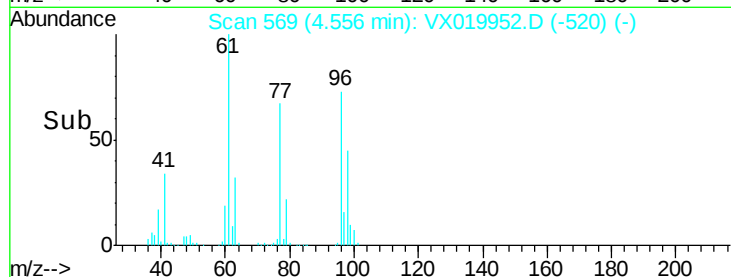
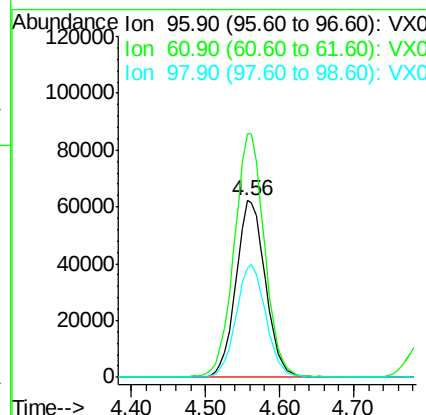
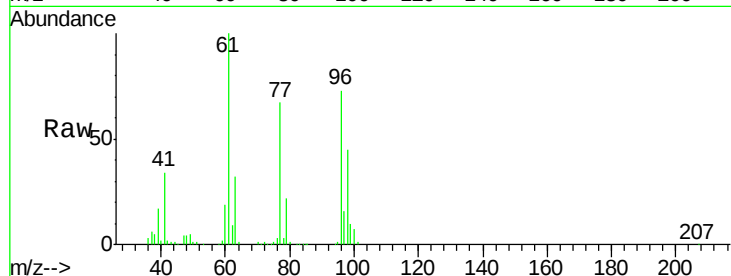




#27
 cis-1,2-Dichloroethene
 Concen: 52.144 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

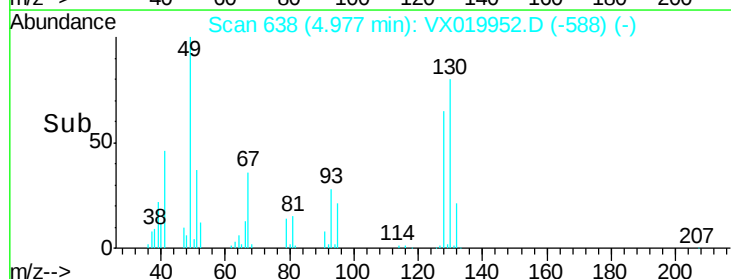
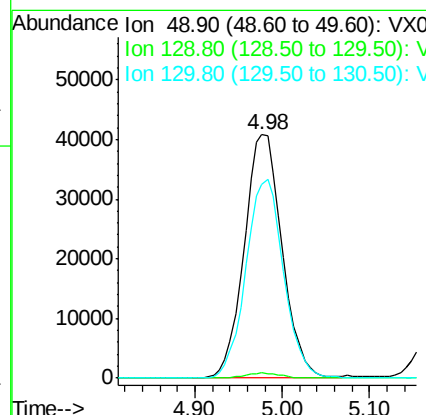
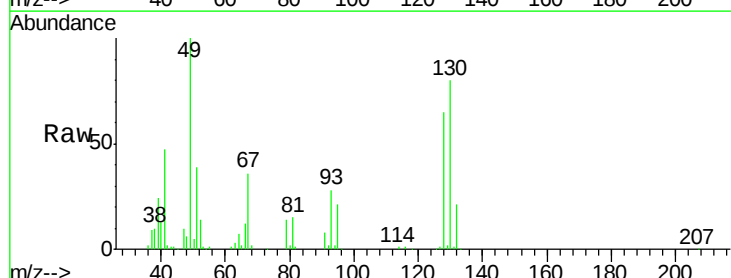
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

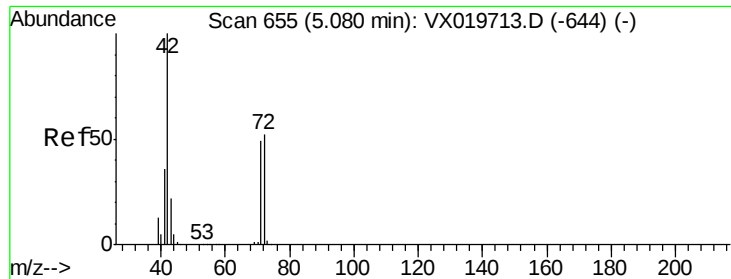
Tgt Ion: 96 Resp: 172806
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 285.6
 98 64.2 0.0 129.6



#28
 Bromochloromethane
 Concen: 51.589 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 49 Resp: 123008
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 81.3 68.2 102.2

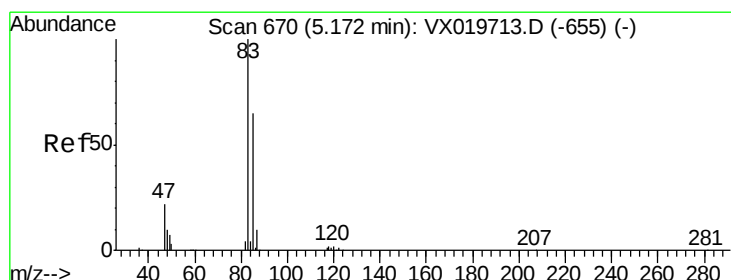
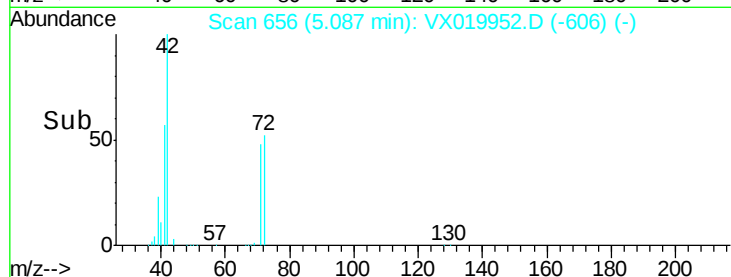
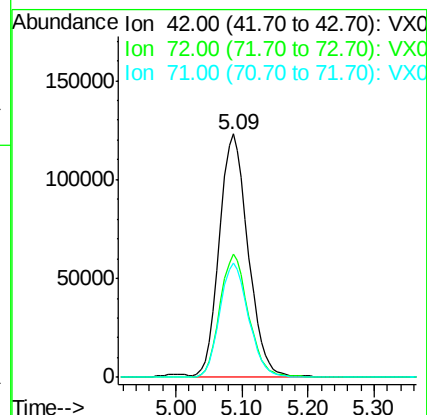
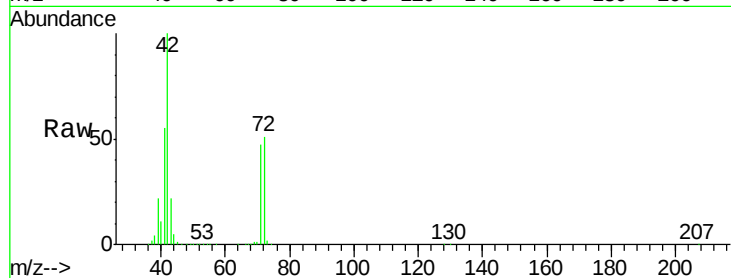




#29
Tetrahydrofuran
Concen: 285.992 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

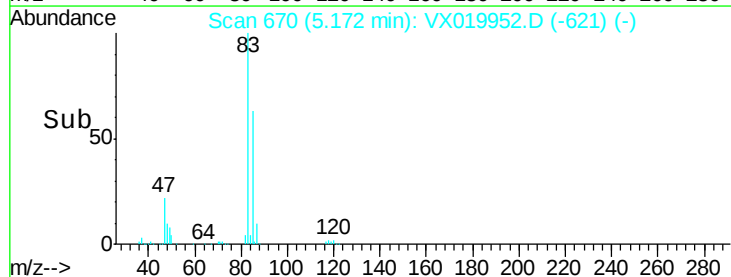
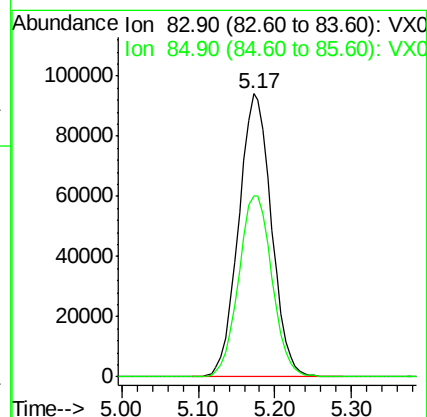
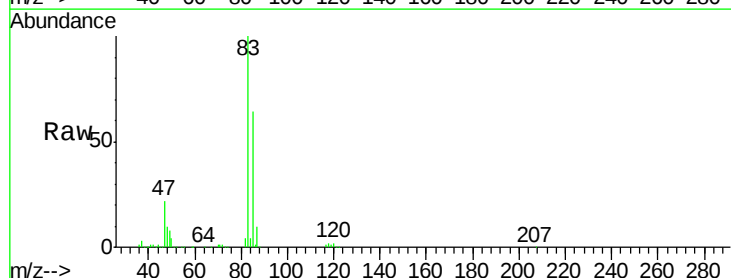
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

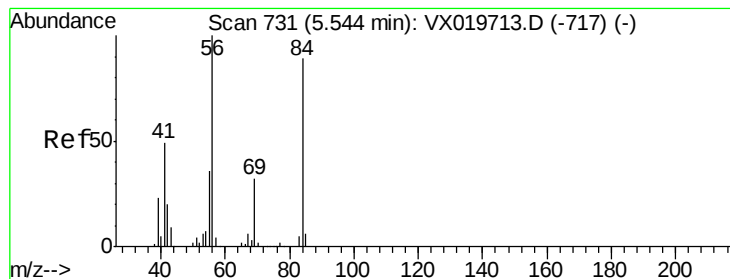
Tgt Ion: 42 Resp: 370817
Ion Ratio Lower Upper
42 100
72 50.6 41.7 62.5
71 47.0 38.4 57.6



#30
Chloroform
Concen: 54.364 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 83 Resp: 279594
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0





#31

Cyclohexane

Concen: 52.660 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

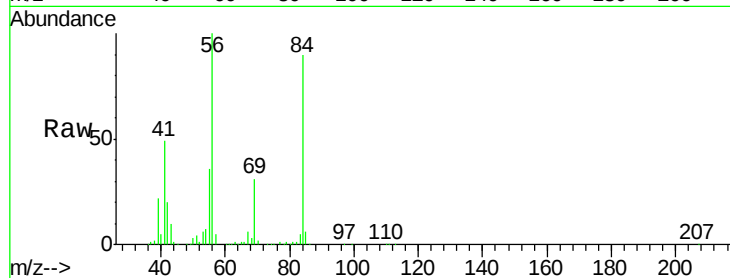
Tgt Ion: 56 Resp: 228243

Ion Ratio Lower Upper

56 100

69 30.6 25.3 37.9

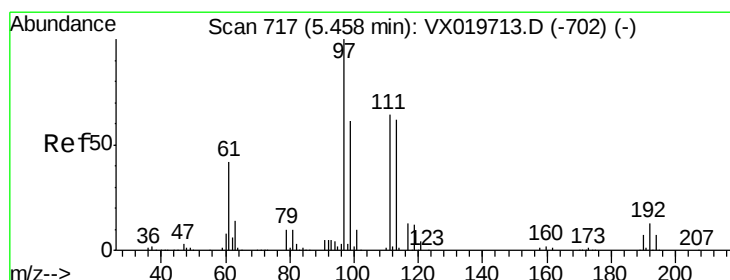
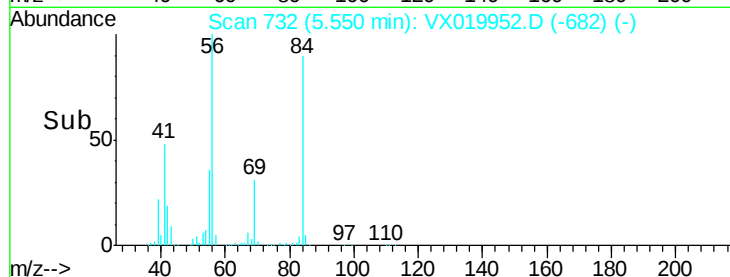
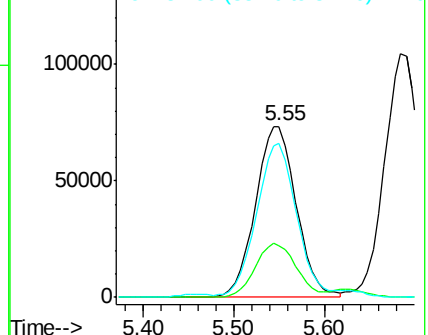
84 88.2 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.363 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

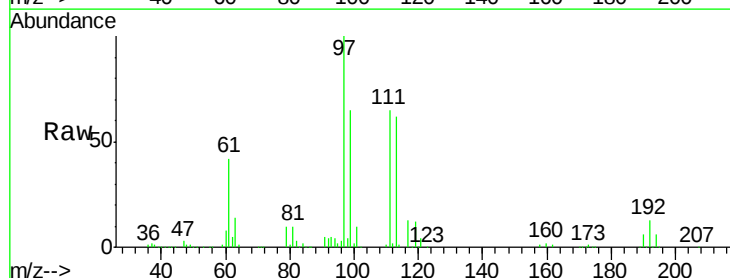
Tgt Ion: 97 Resp: 236342

Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

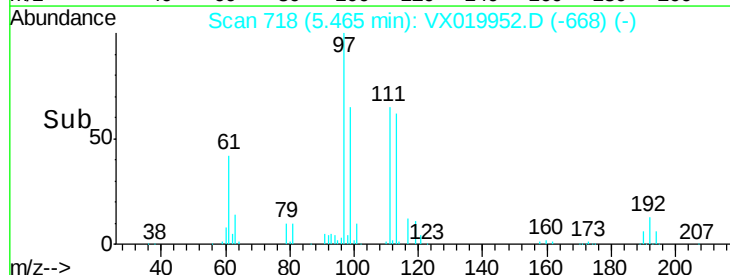
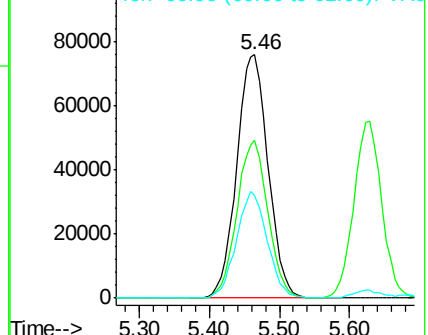
61 42.9 34.2 51.4

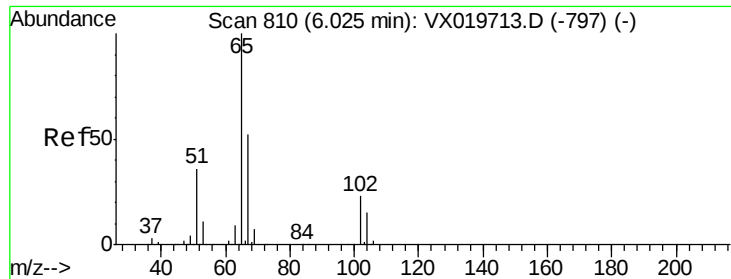


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.032 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

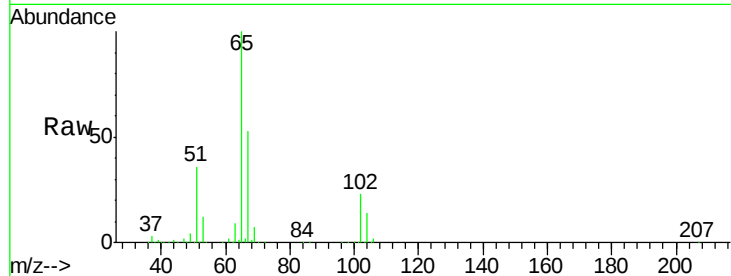
VSTDCCC050EC

Tgt Ion: 65 Resp: 170844

Ion Ratio Lower Upper

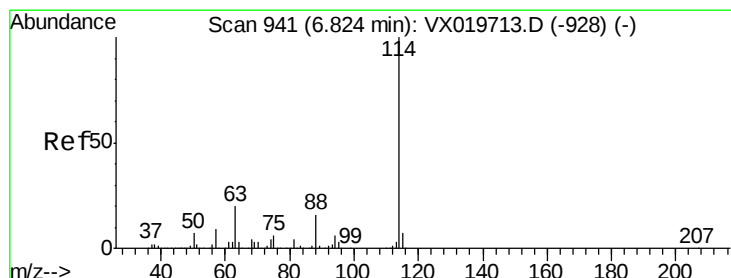
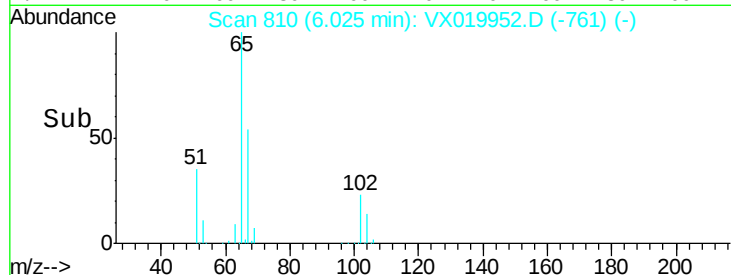
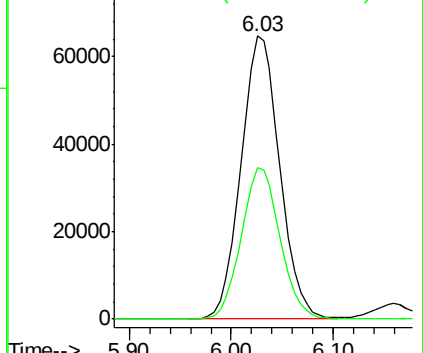
65 100

67 53.5 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

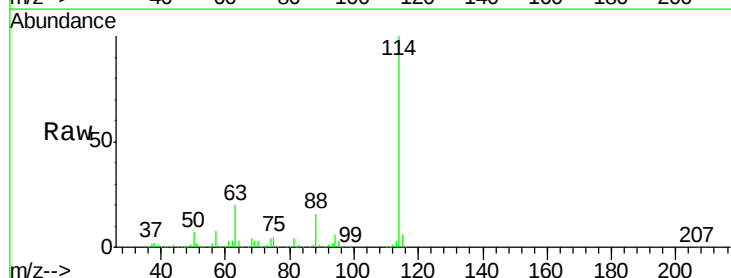
Tgt Ion: 114 Resp: 446261

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

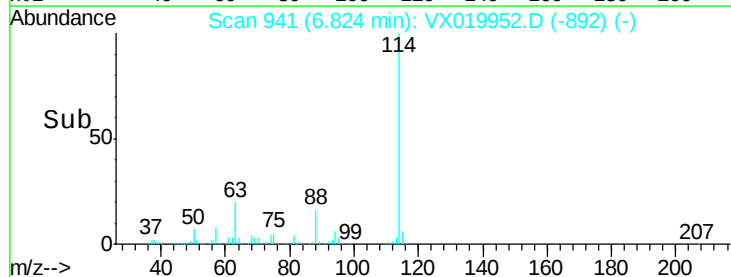
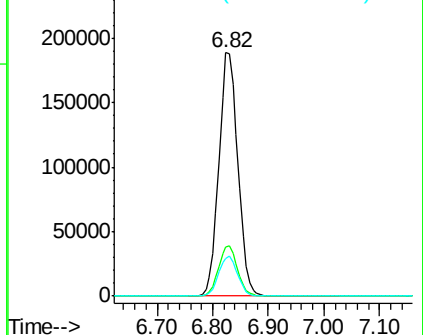
88 15.6 0.0 32.8

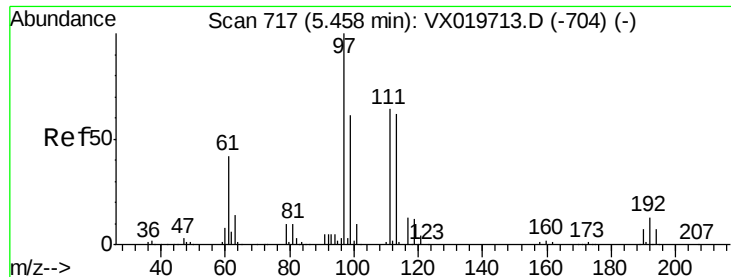


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

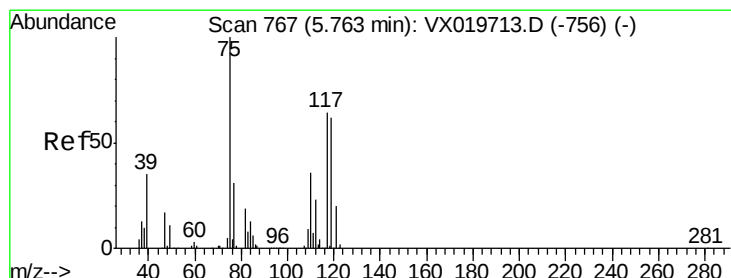
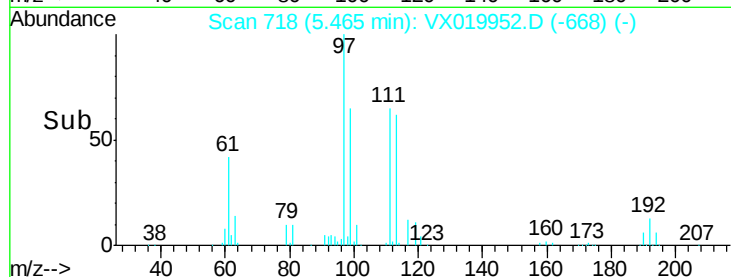
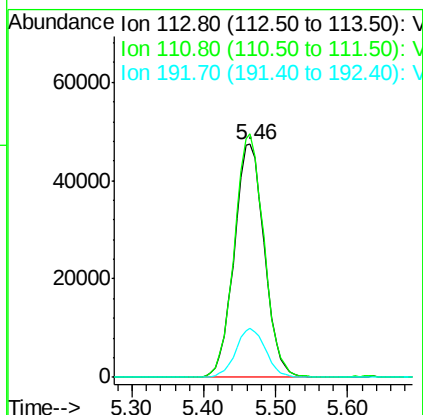
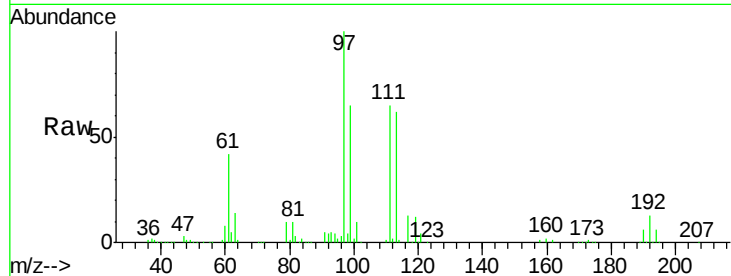




#35
Dibromofluoromethane
Concen: 47.760 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

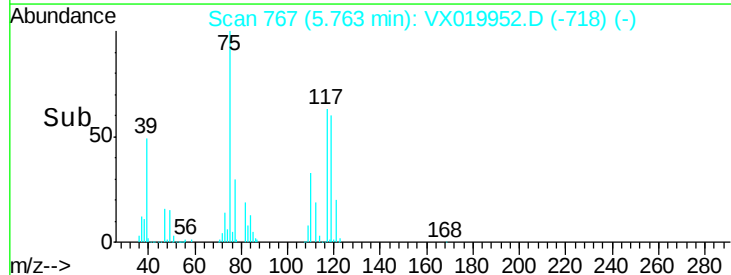
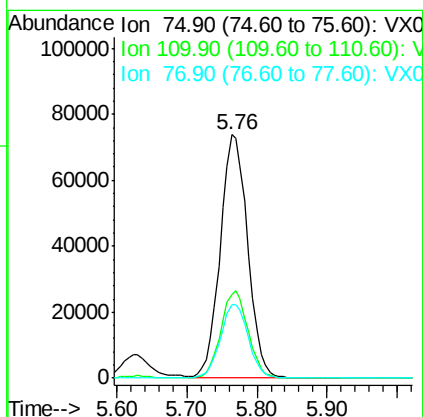
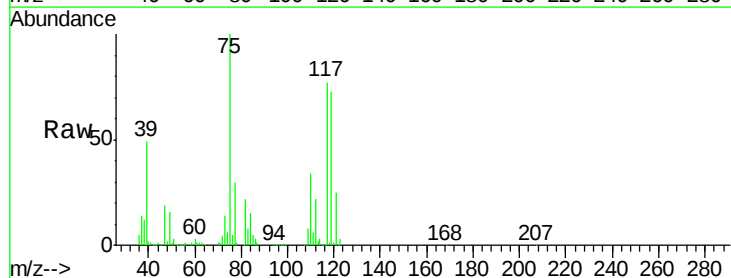
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

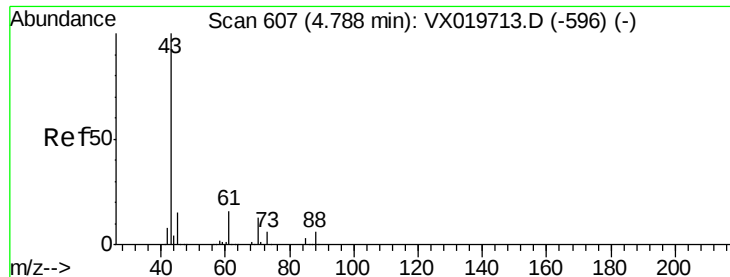
Tgt Ion:113 Resp: 137745
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 49.895 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 75 Resp: 201207
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.4
77 30.7 25.3 37.9

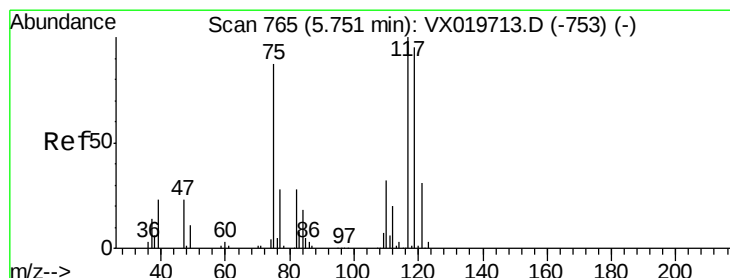
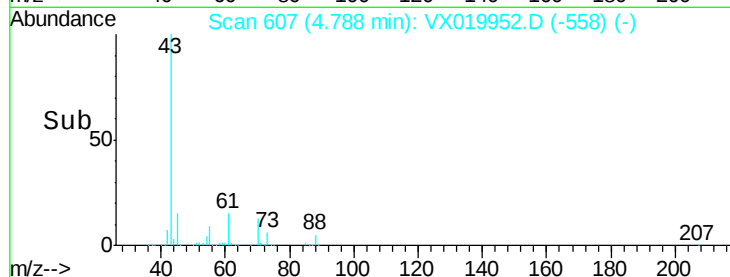
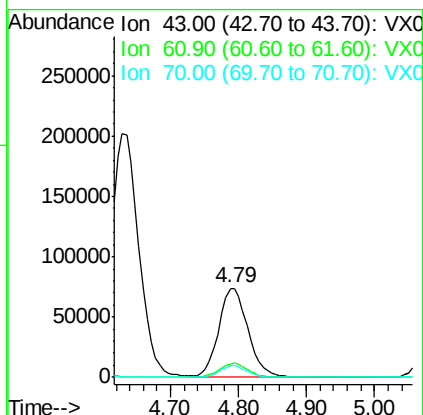
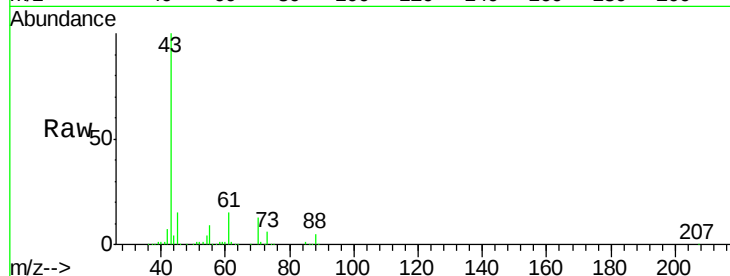




#37
 Ethyl Acetate
 Concen: 54.297 ug/l
 RT: 4.79 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

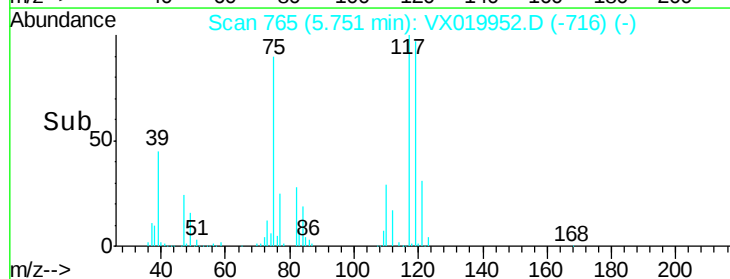
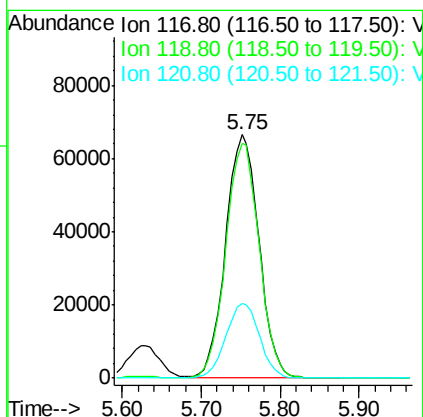
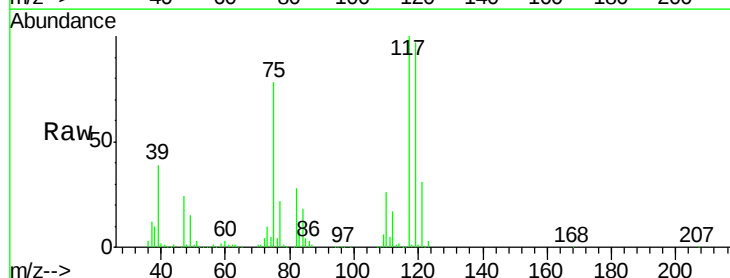
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

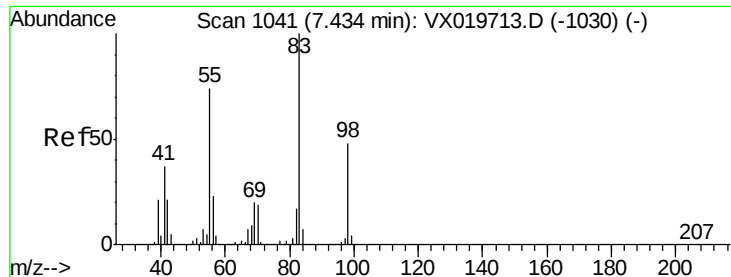
Tgt Ion: 43 Resp: 221071
 Ion Ratio Lower Upper
 43 100
 61 15.8 12.8 19.2
 70 12.7 10.5 15.7



#38
 Carbon Tetrachloride
 Concen: 49.641 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 117 Resp: 196029
 Ion Ratio Lower Upper
 117 100
 119 96.5 76.2 114.2
 121 30.9 24.8 37.2

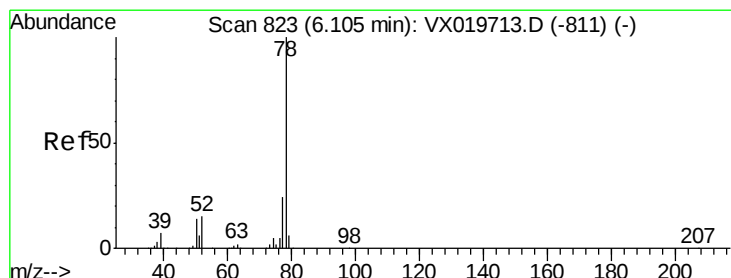
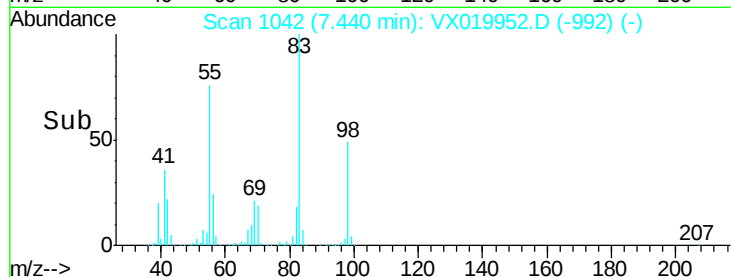
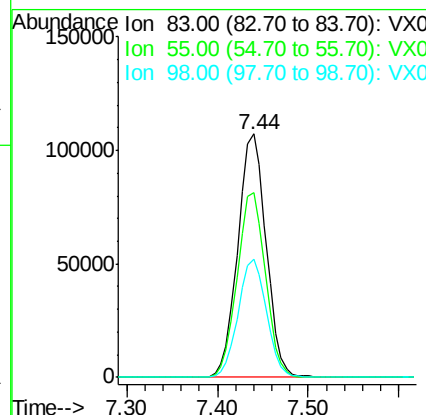
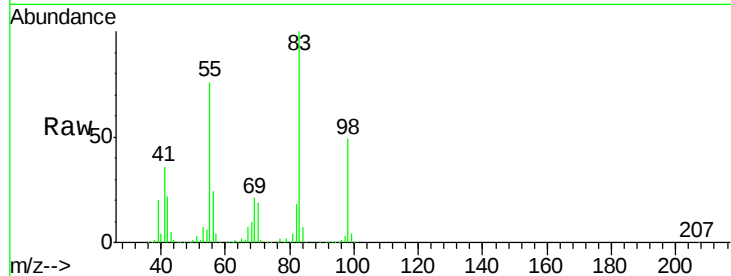




#39
Methylcyclohexane
Concen: 49.107 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

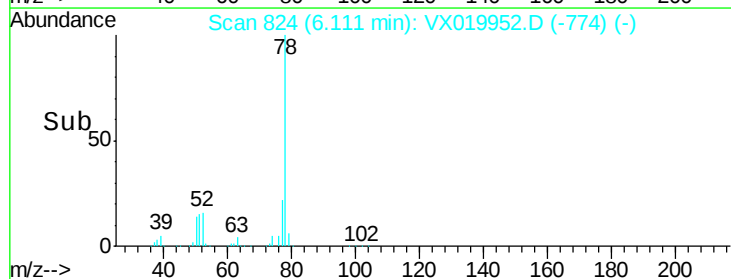
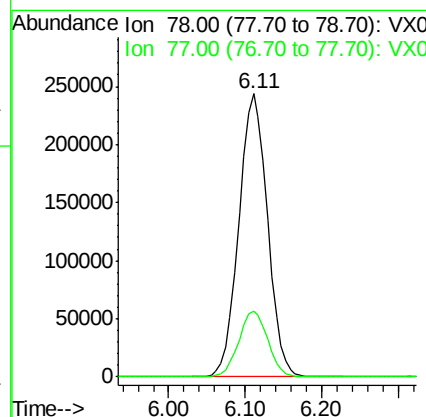
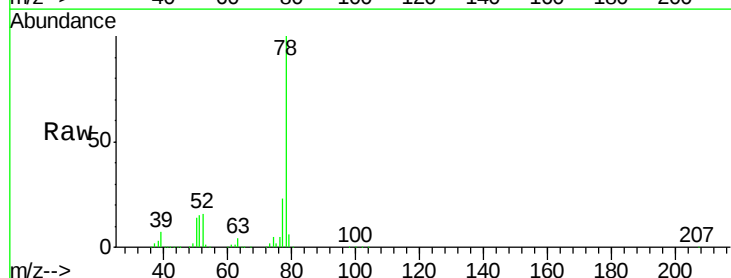
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

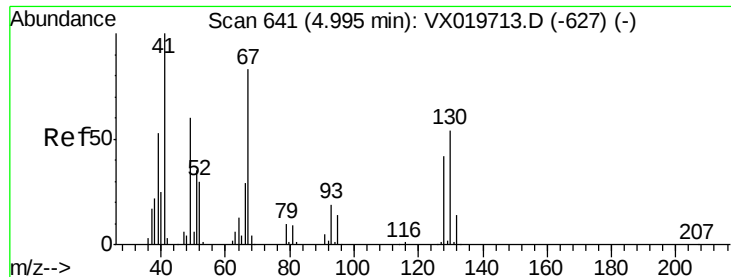
Tgt Ion: 83 Resp: 232657
Ion Ratio Lower Upper
83 100
55 75.7 58.9 88.3
98 48.7 38.1 57.1



#40
Benzene
Concen: 51.218 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 78 Resp: 630919
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

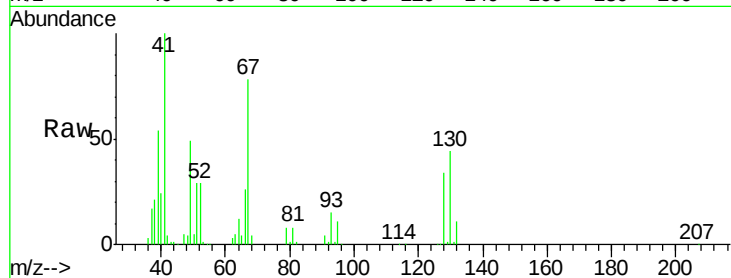




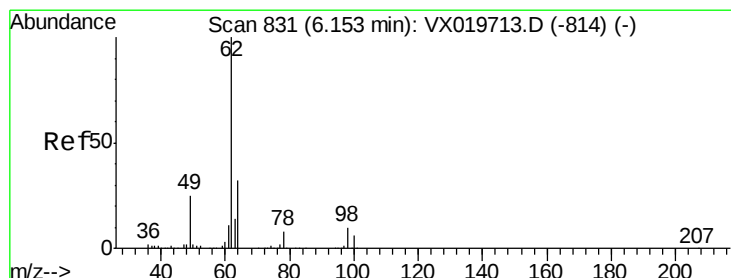
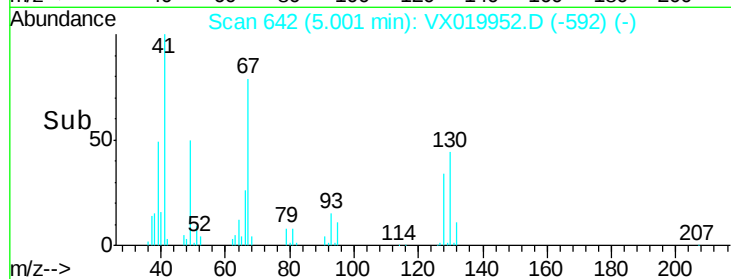
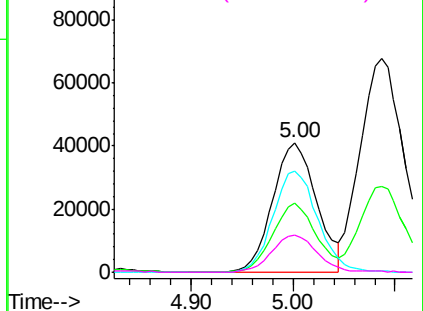
#41
Methacrylonitrile
Concen: 55.123 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	123225
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.5	63.7
67	79.4	65.0	97.6
52	30.1	25.3	37.9

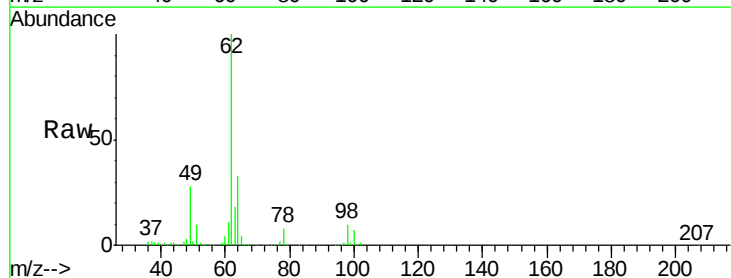


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

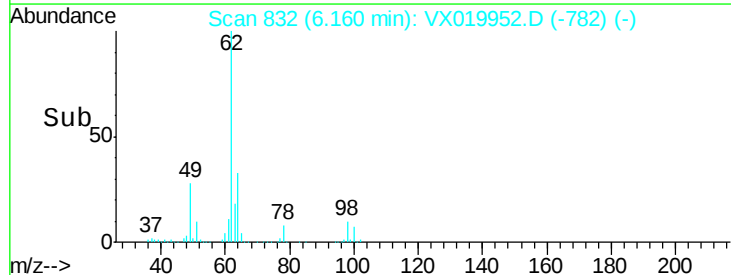
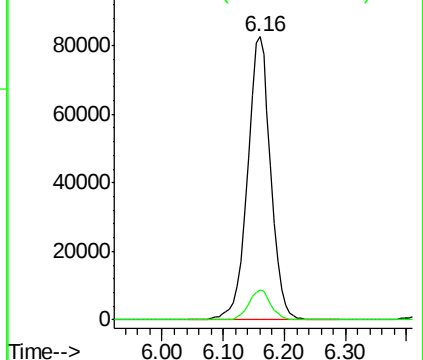


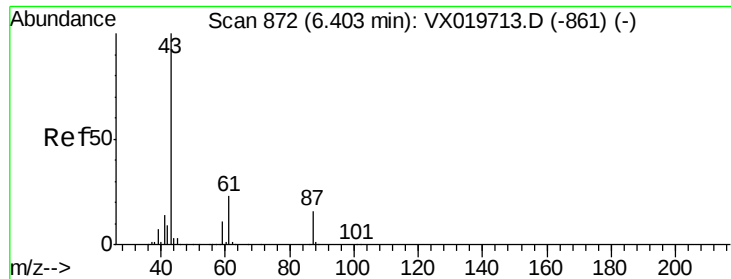
#42
1,2-Dichloroethane
Concen: 51.860 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion:	62	Resp:	218265
Ion	Ratio	Lower	Upper
62	100		
98	10.1	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: 53.939 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

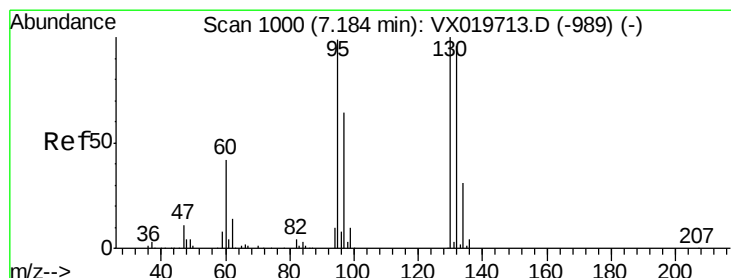
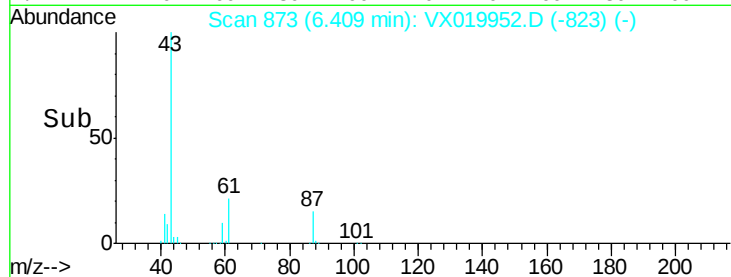
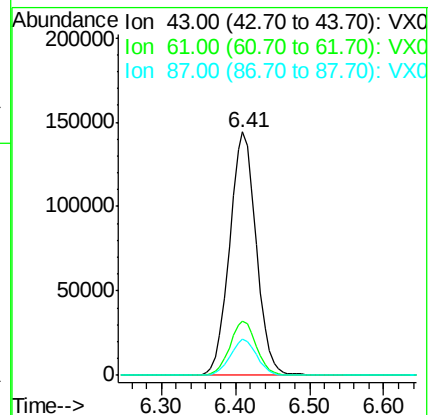
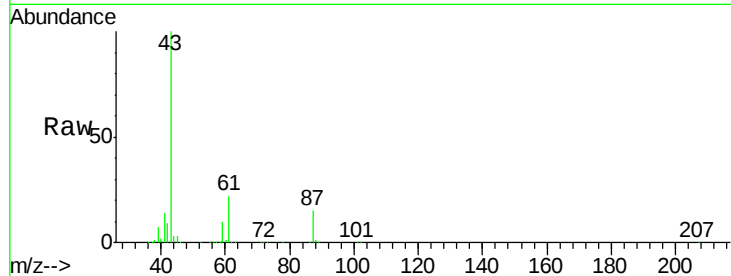
Tgt Ion: 43 Resp: 357051

Ion Ratio Lower Upper

43 100

61 22.5 18.2 27.4

87 14.9 12.5 18.7



#44

Trichloroethene

Concen: 48.623 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019952.D

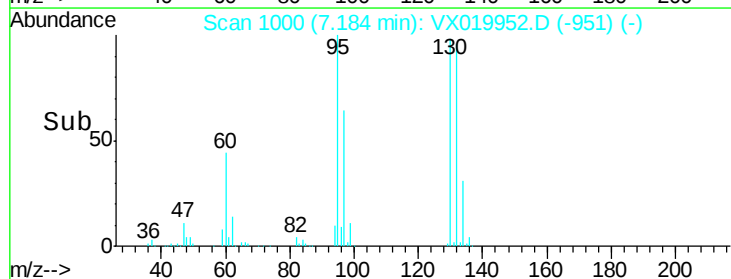
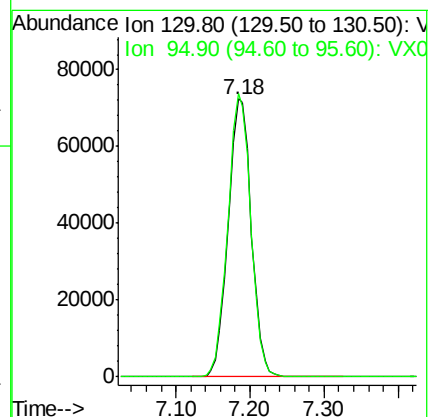
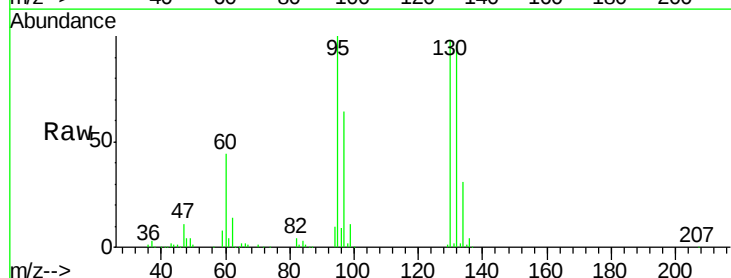
Acq: 12 Dec 2020 23:00

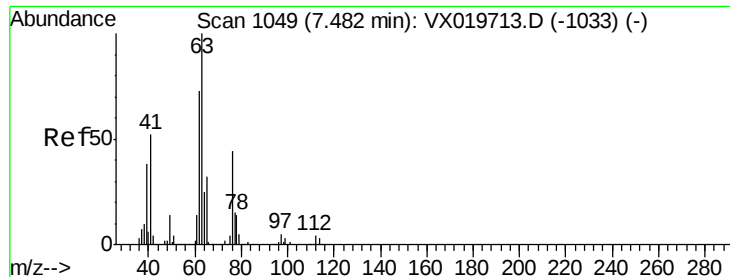
Tgt Ion: 130 Resp: 157150

Ion Ratio Lower Upper

130 100

95 101.9 0.0 198.0





#45

1,2-Dichloropropane

Concen: 53.081 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

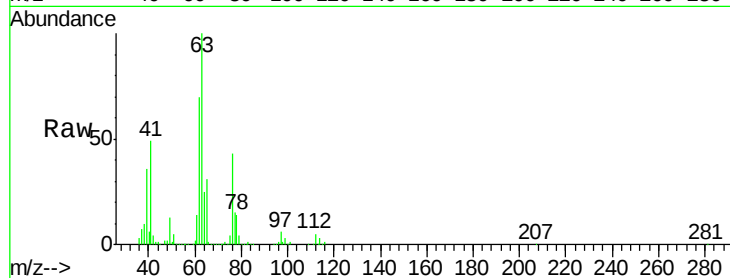
VSTDCCC050EC

Tgt Ion: 63 Resp: 163421

Ion Ratio Lower Upper

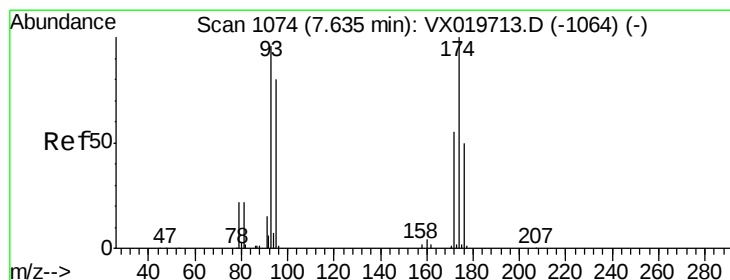
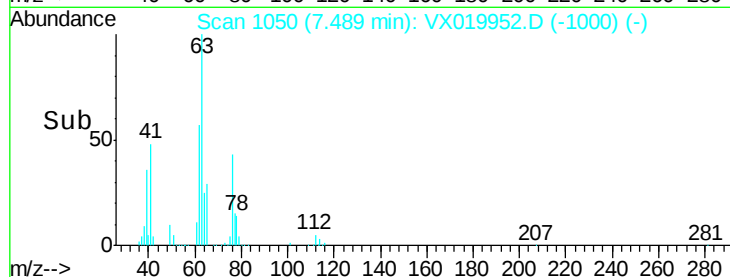
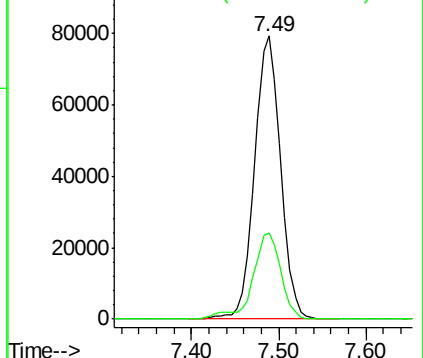
63 100

65 30.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.602 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

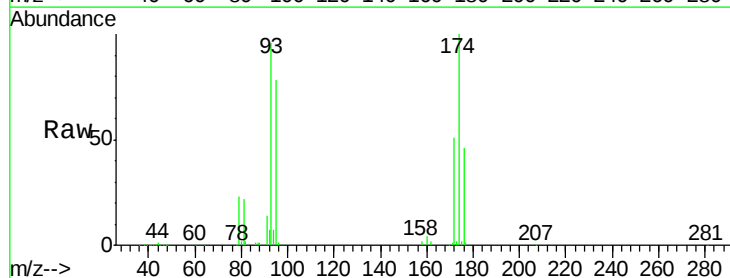
Tgt Ion: 93 Resp: 107283

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

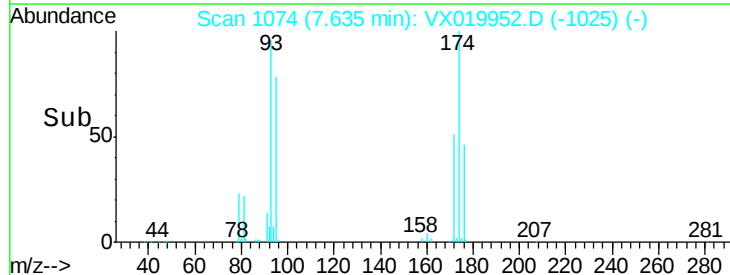
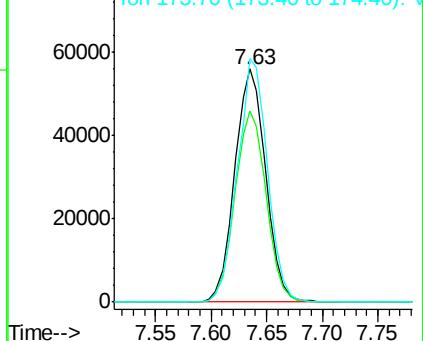
174 102.5 83.1 124.7

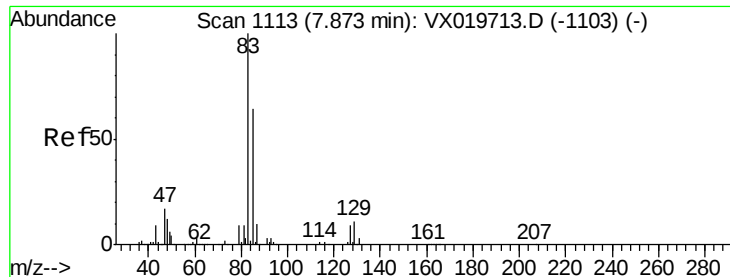


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.471 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

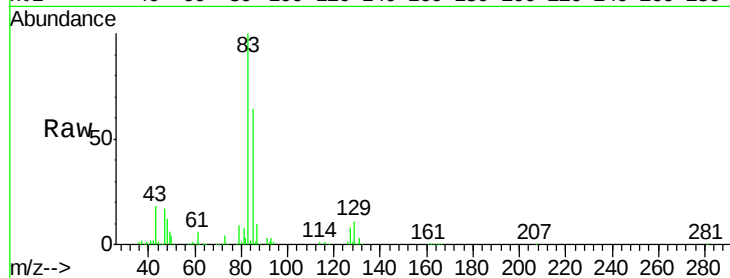
Tgt Ion: 83 Resp: 216473

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

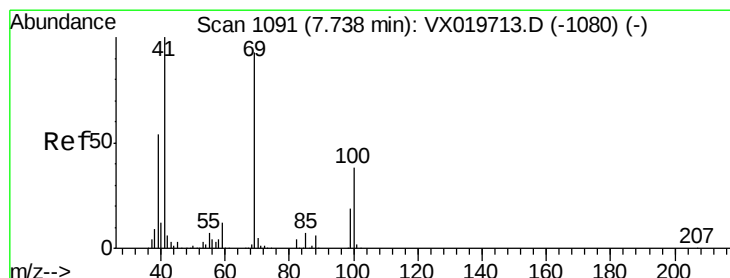
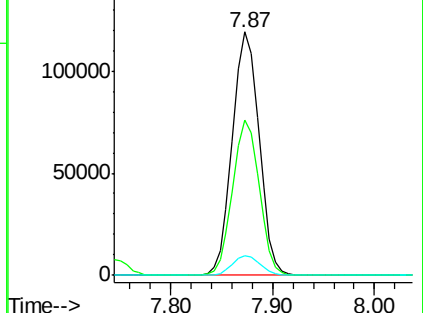
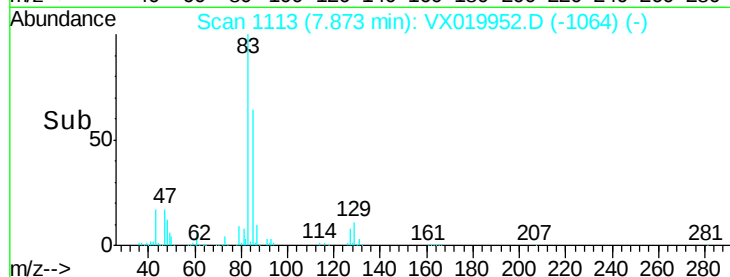
127 8.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.291 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

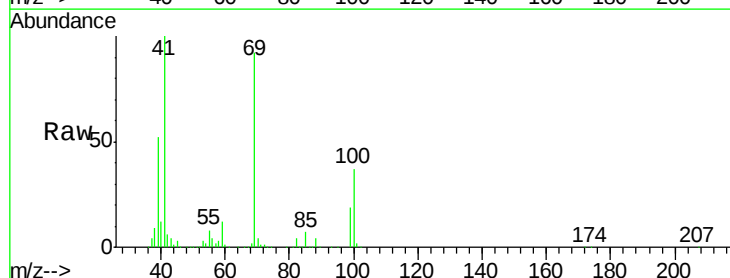
Tgt Ion: 41 Resp: 176748

Ion Ratio Lower Upper

41 100

69 93.3 76.0 114.0

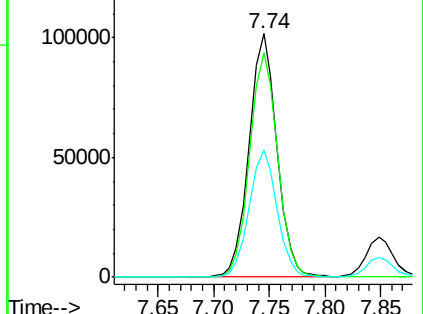
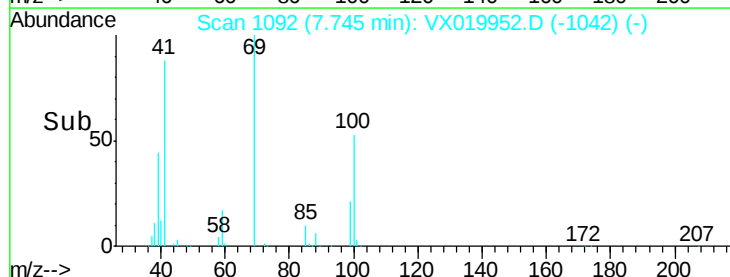
39 53.0 44.6 67.0

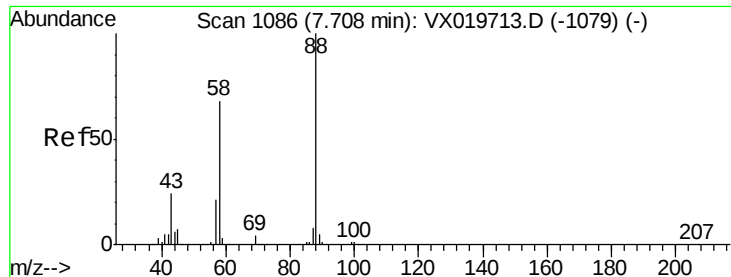


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

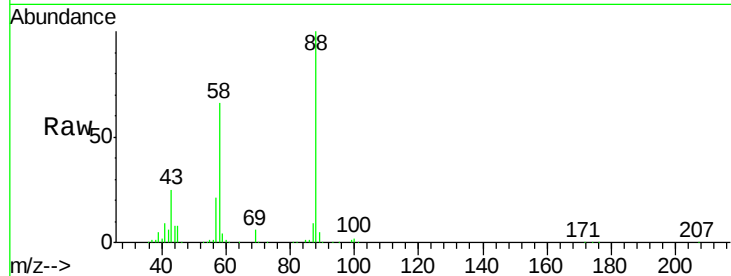




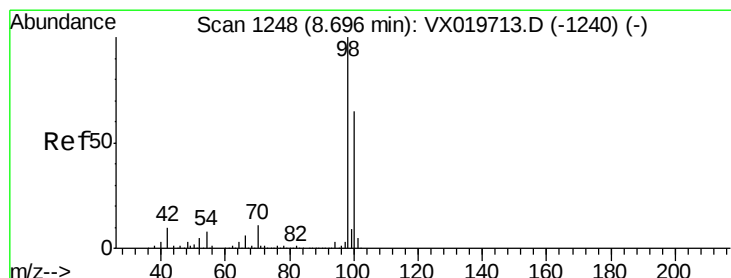
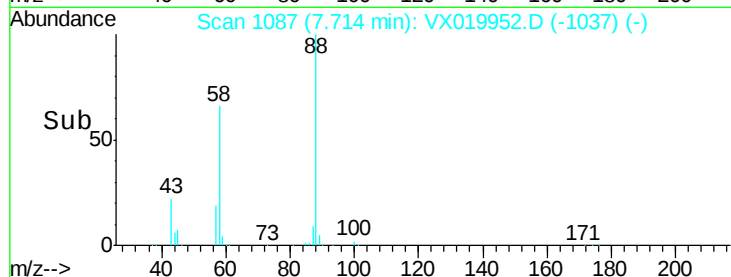
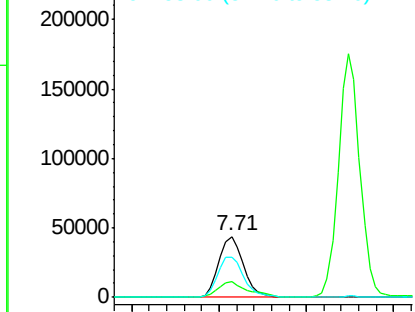
#49
1,4-Dioxane
Concen: 1088.868 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 85873
Ion Ratio Lower Upper
88 100
43 28.8 23.2 34.8
58 70.4 55.0 82.4

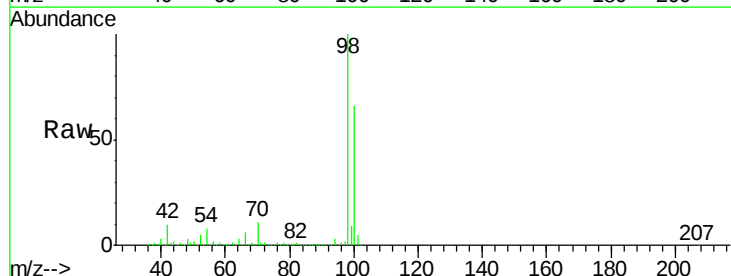


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

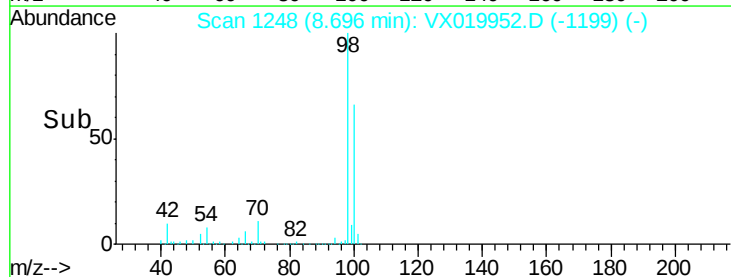
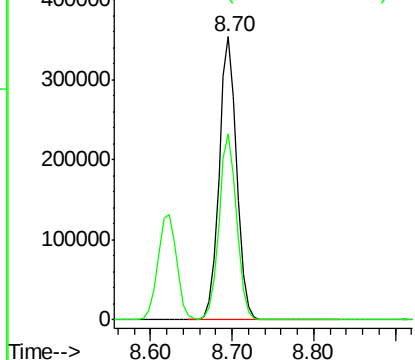


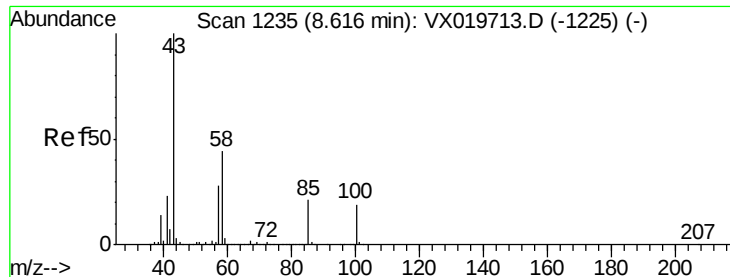
#50
Toluene-d8
Concen: 48.270 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 98 Resp: 531489
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

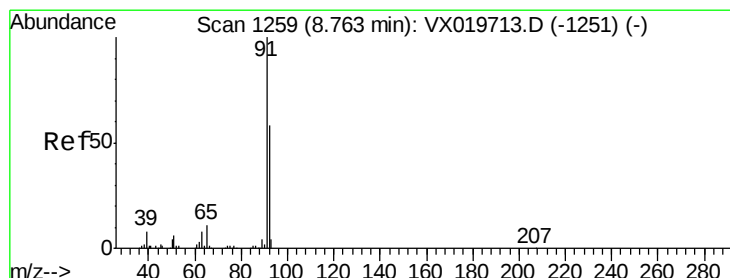
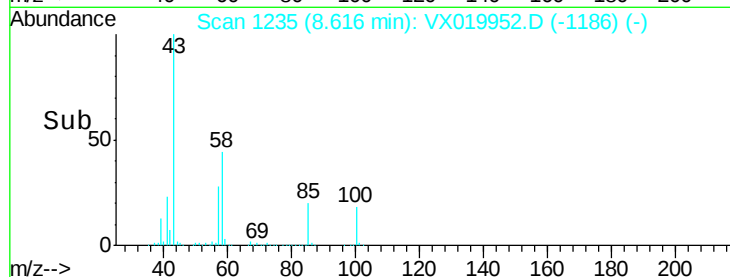
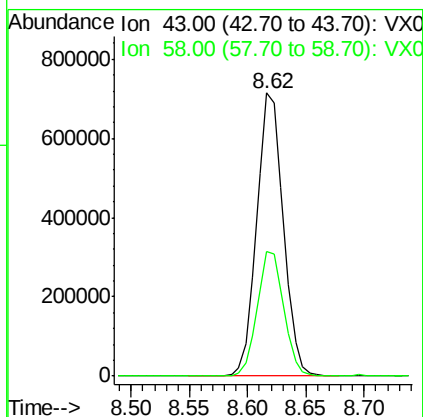
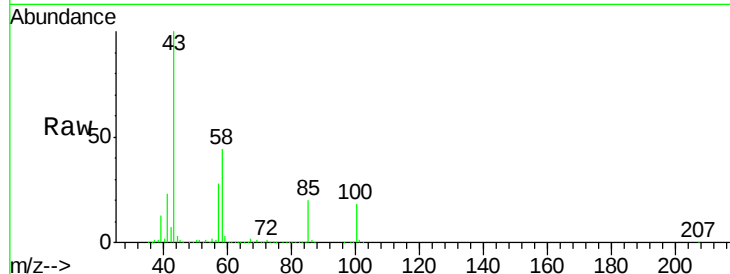




#51
 4-Methyl-2-Pentanone
 Concen: 280.742 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

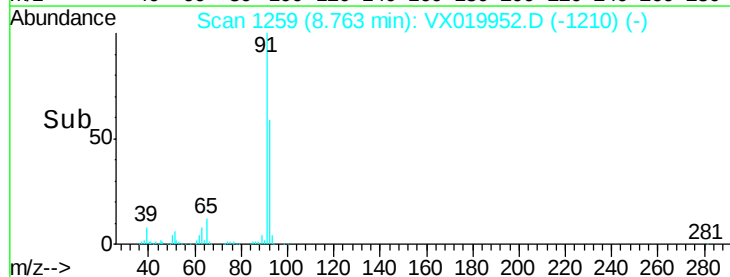
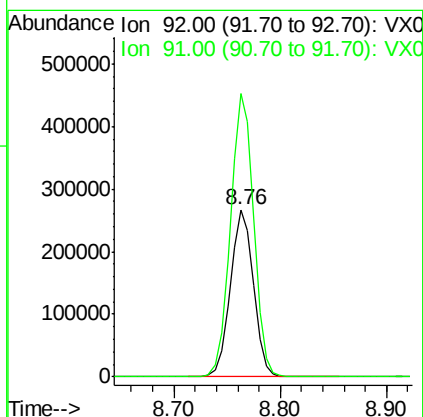
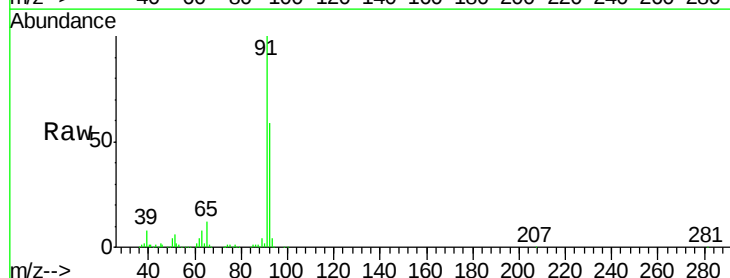
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

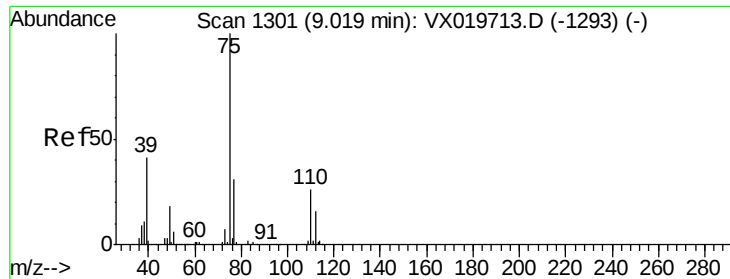
Tgt Ion: 43 Resp: 1134596
 Ion Ratio Lower Upper
 43 100
 58 44.0 35.4 53.0



#52
 Toluene
 Concen: 52.593 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 92 Resp: 405192
 Ion Ratio Lower Upper
 92 100
 91 170.3 137.1 205.7

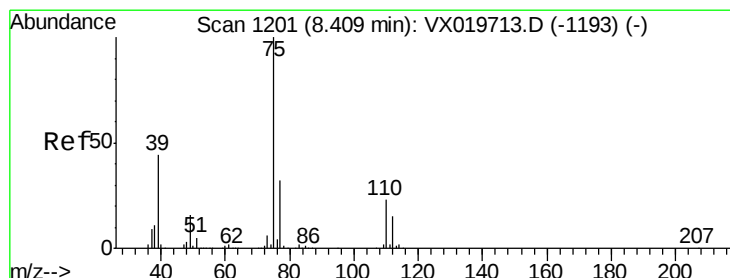
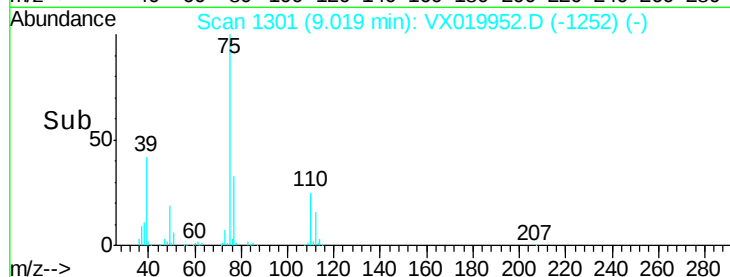
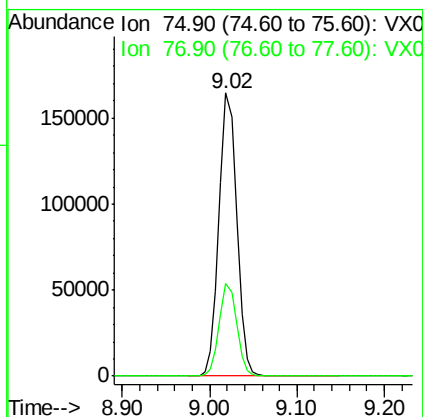
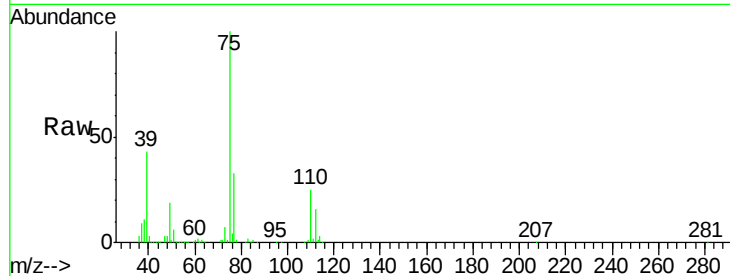




#53
t-1,3-Dichloropropene
Concen: 50.867 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

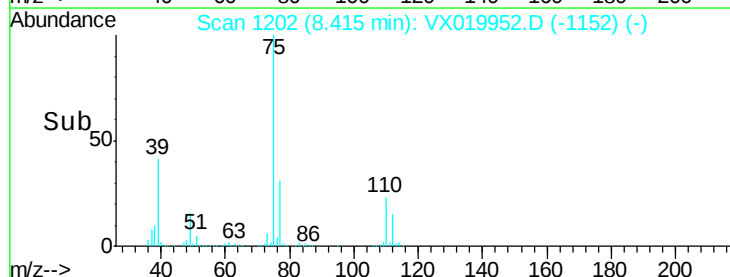
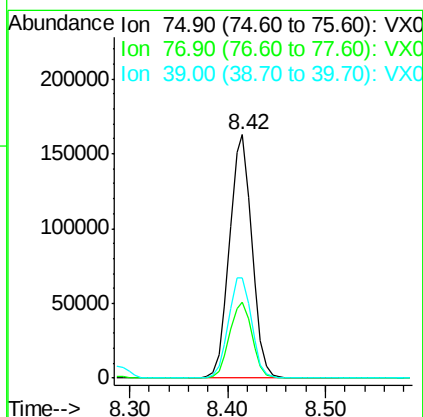
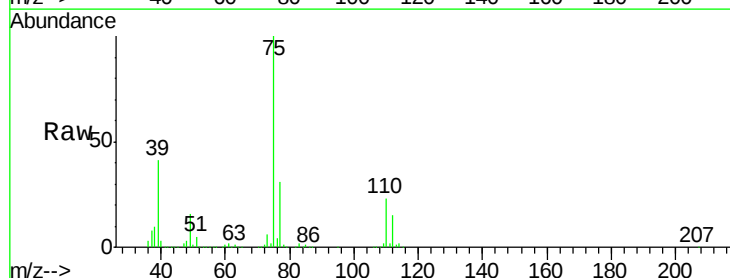
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

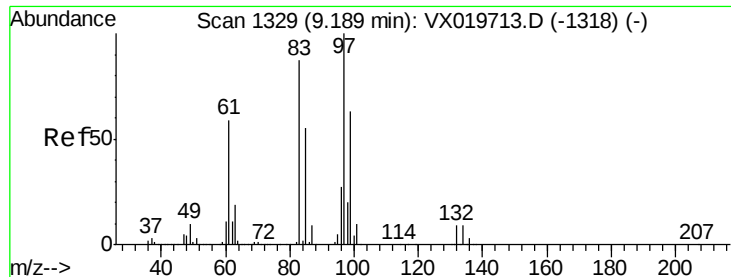
Tgt Ion: 75 Resp: 232873
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 51.945 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 75 Resp: 258355
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 41.1 35.1 52.7

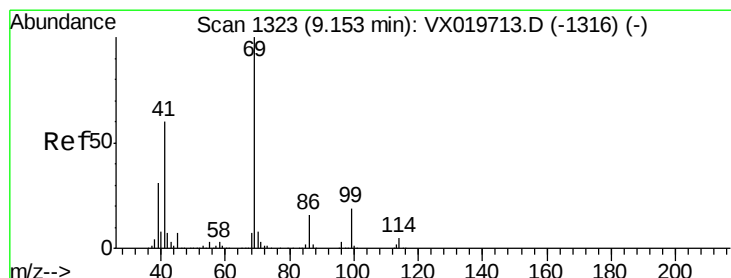
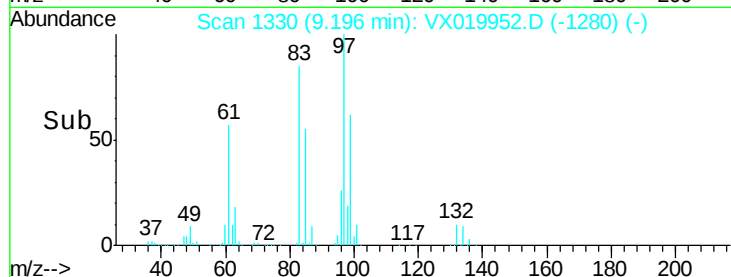
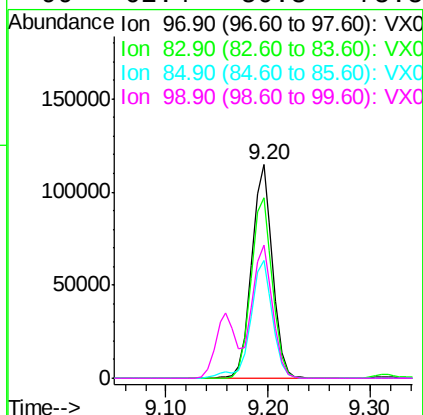
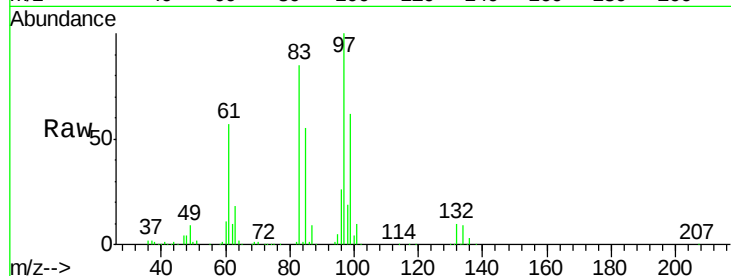




#55
 1,1,2-Trichloroethane
 Concen: 53.176 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

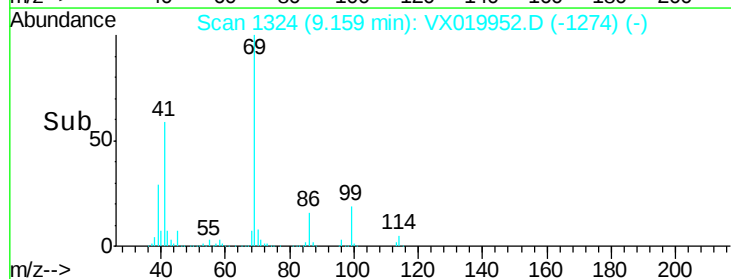
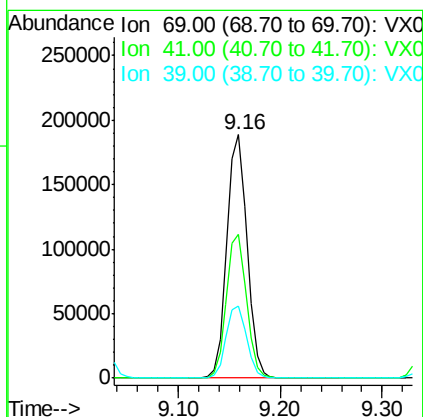
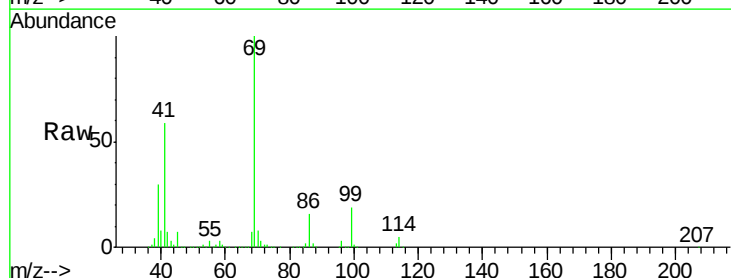
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

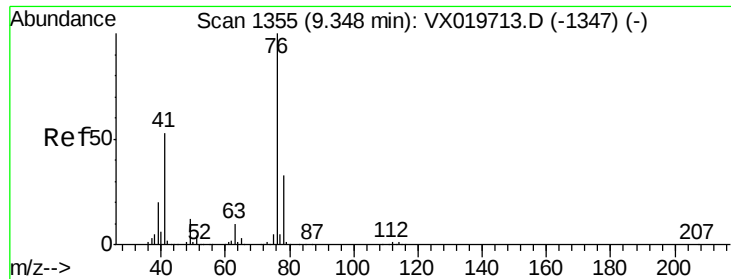
Tgt Ion:	97	Resp:	165098
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.3	103.9
85	55.1	44.3	66.5
99	62.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 54.873 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion:	69	Resp:	257758
Ion	Ratio	Lower	Upper
69	100		
41	59.0	46.8	70.2
39	30.2	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.606 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

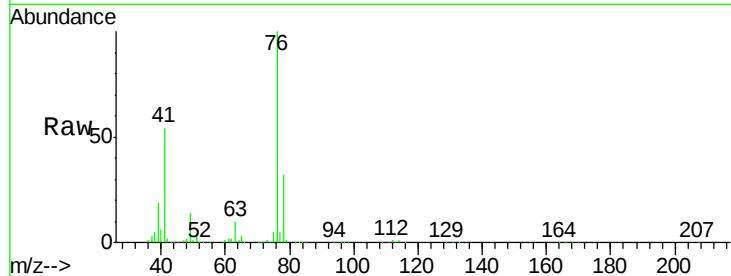
VSTDCCC050EC

Tgt Ion: 76 Resp: 278888

Ion Ratio Lower Upper

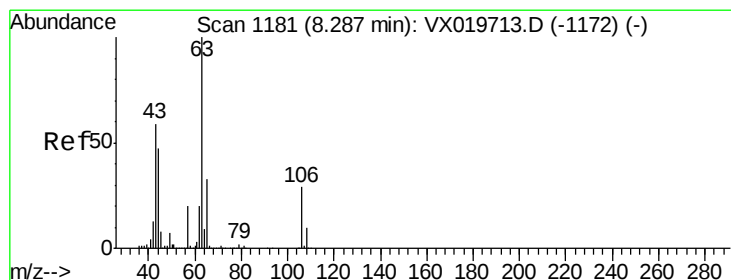
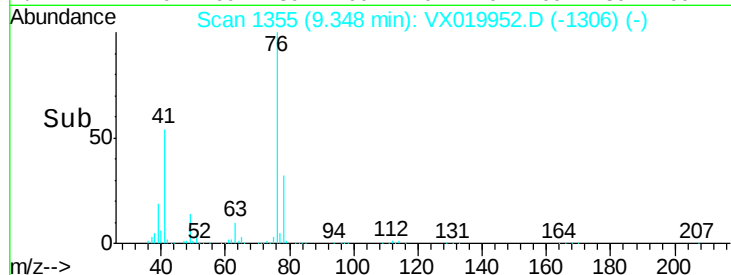
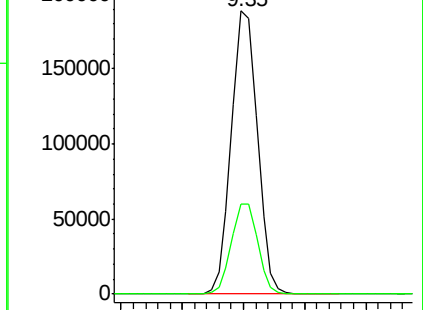
76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 273.889 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019952.D

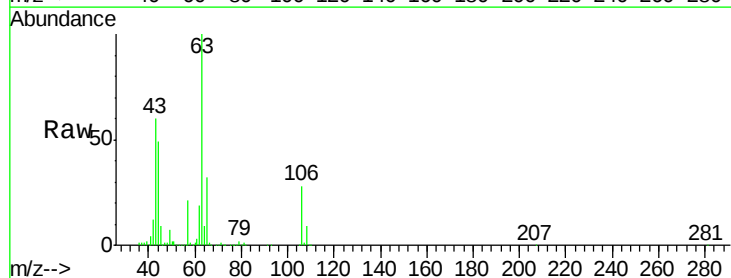
Acq: 12 Dec 2020 23:00

Tgt Ion: 63 Resp: 681569

Ion Ratio Lower Upper

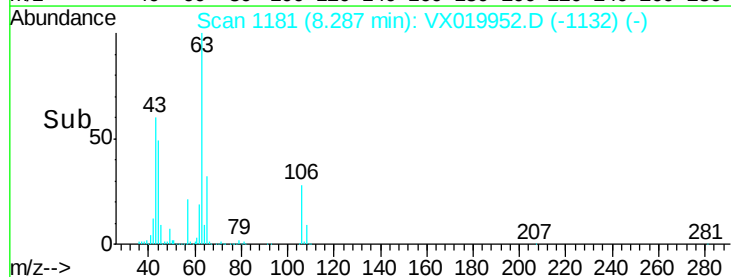
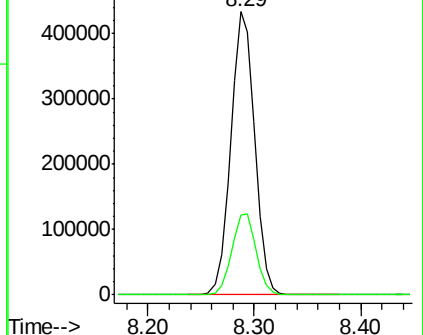
63 100

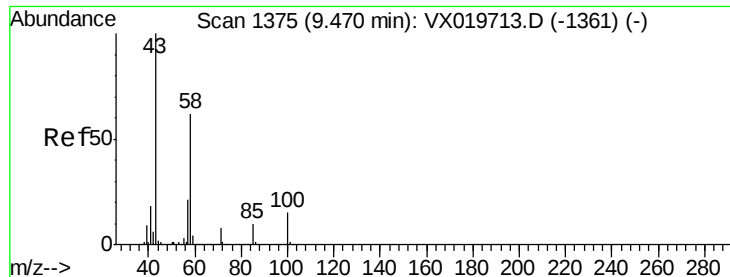
106 29.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

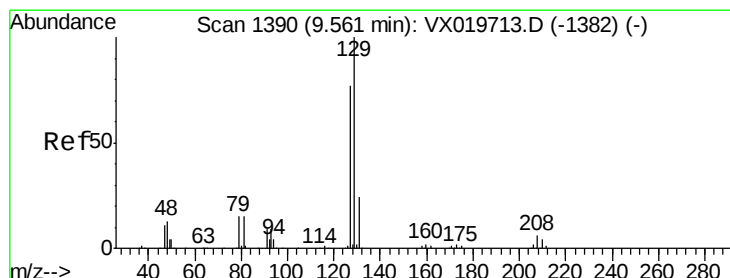
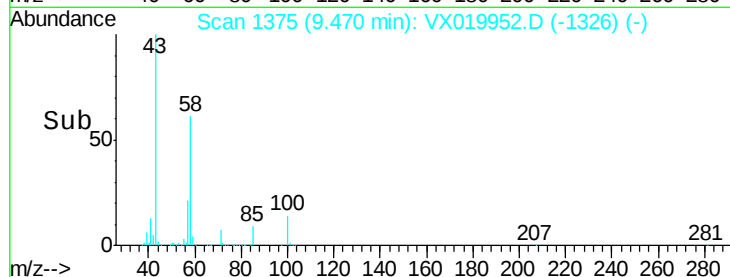
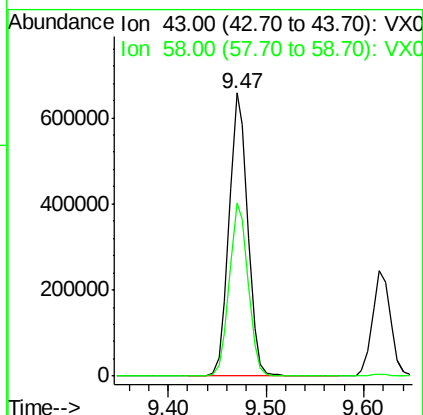
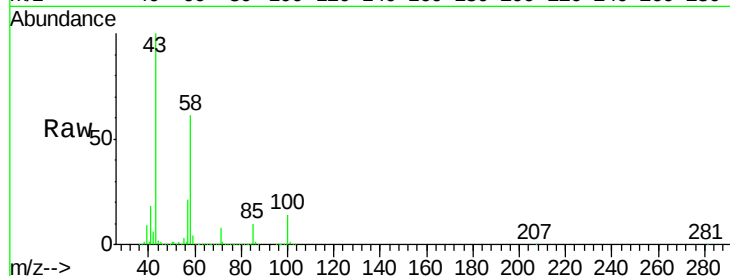




#59
2-Hexanone
Concen: 277.649 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

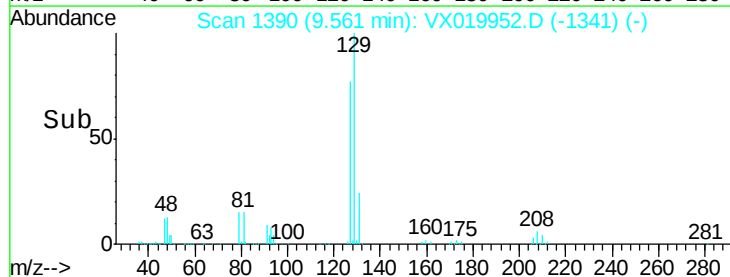
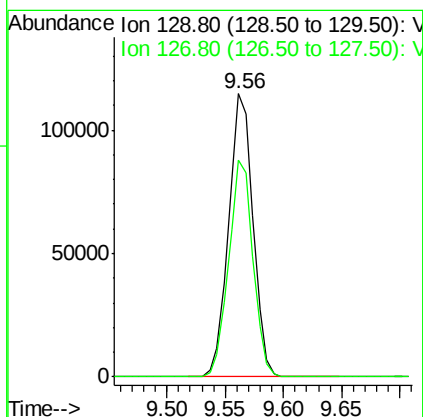
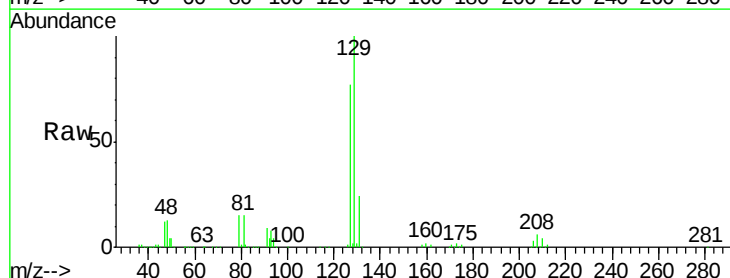
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

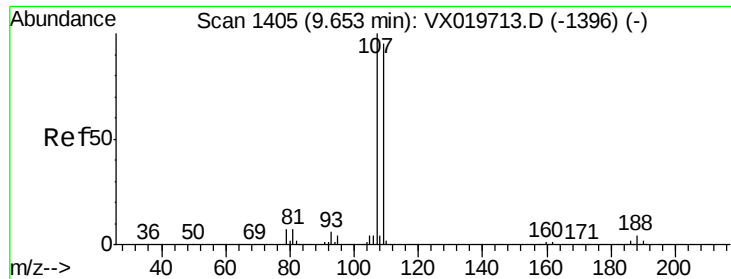
Tgt Ion: 43 Resp: 869774
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8



#60
Dibromochloromethane
Concen: 53.015 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 129 Resp: 167230
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.689 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

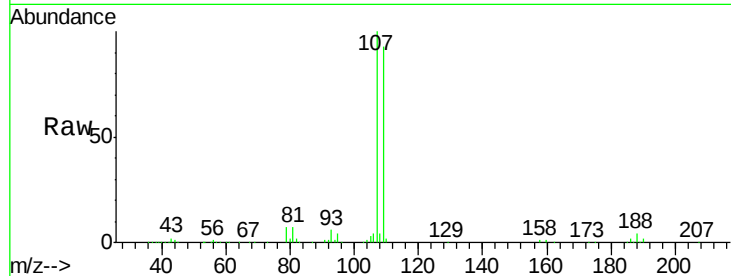
VSTDCCC050EC

Tgt Ion: 107 Resp: 170412

Ion Ratio Lower Upper

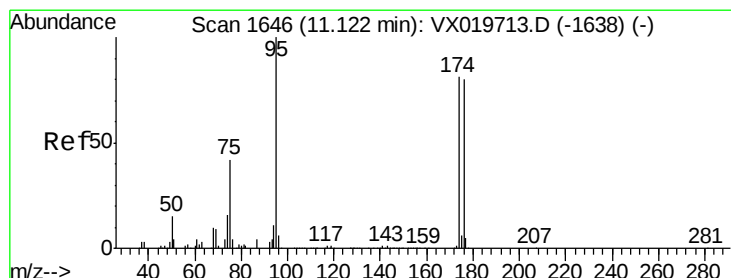
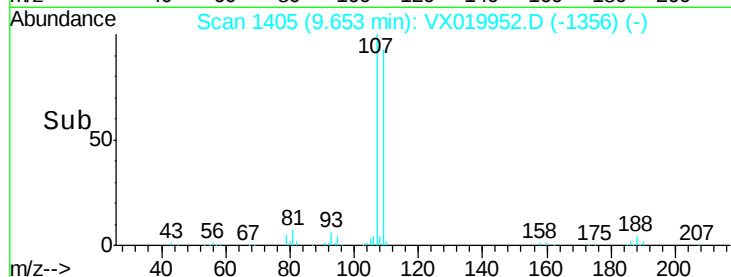
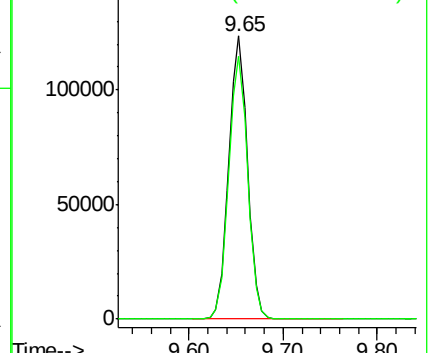
107 100

109 94.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.274 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

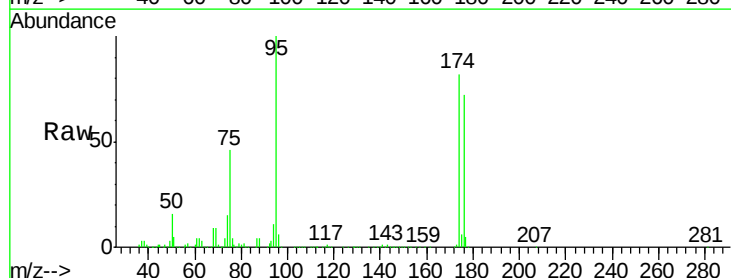
Tgt Ion: 95 Resp: 206502

Ion Ratio Lower Upper

95 100

174 77.2 0.0 154.6

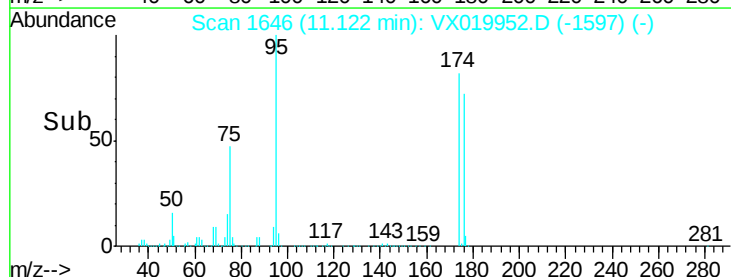
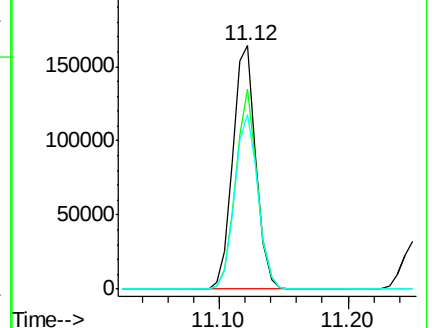
176 72.3 0.0 155.8

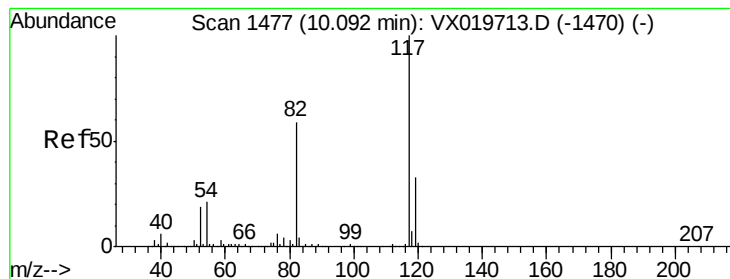


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

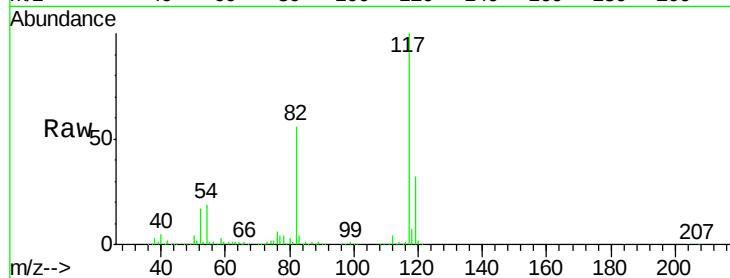
Tgt Ion:117 Resp: 409839

Ion Ratio Lower Upper

117 100

82 55.8 47.4 71.2

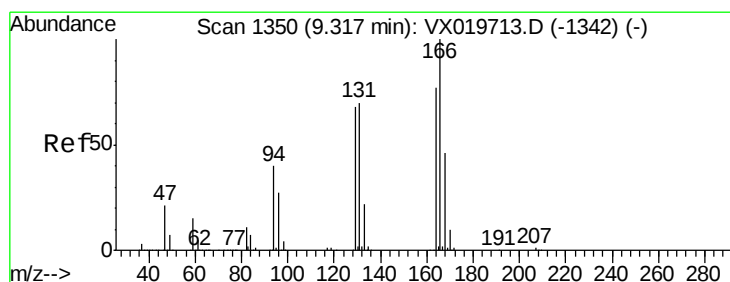
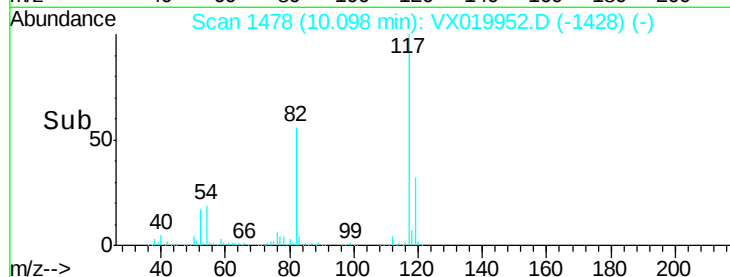
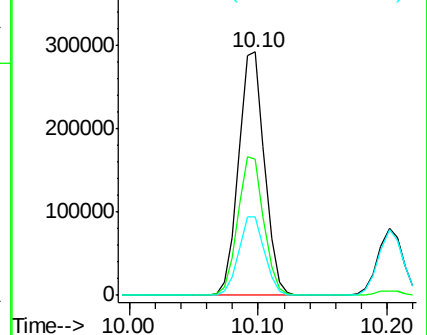
119 32.5 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.679 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Tgt Ion:164 Resp: 133793

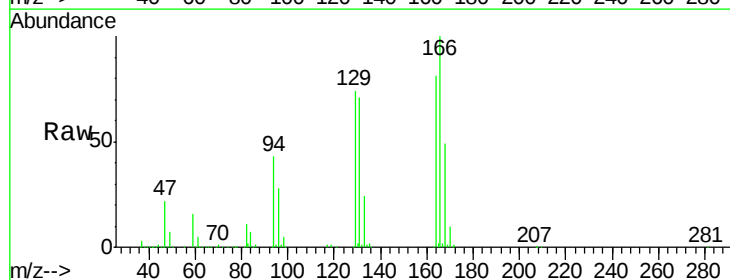
Ion Ratio Lower Upper

164 100

166 123.9 103.4 155.2

129 91.4 70.8 106.2

131 87.8 72.5 108.7

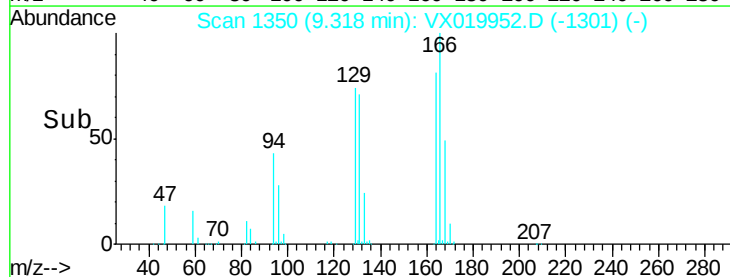
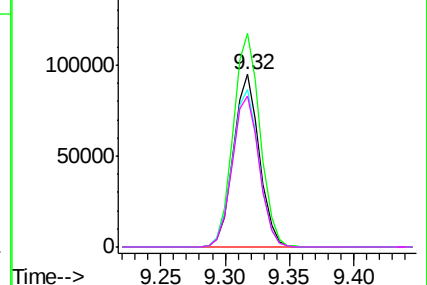


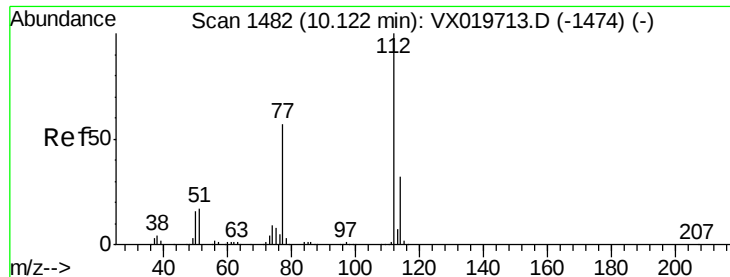
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

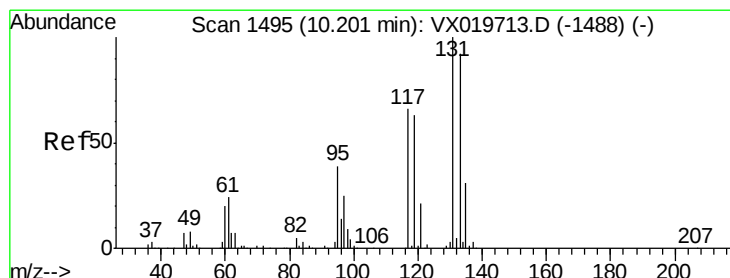
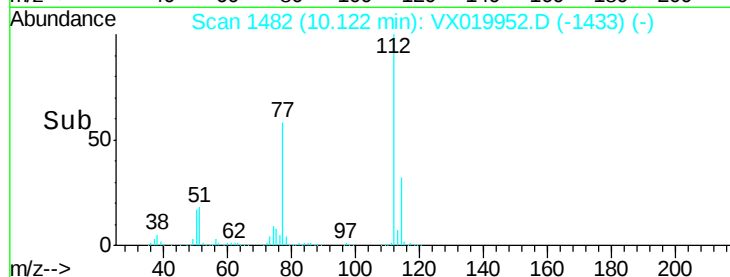
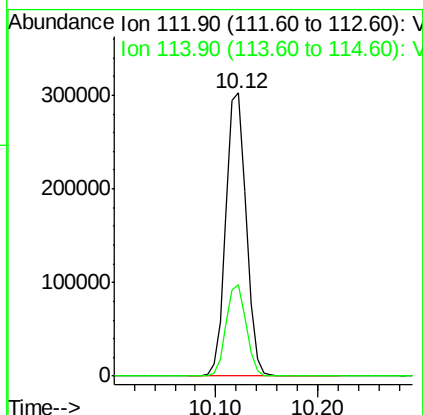
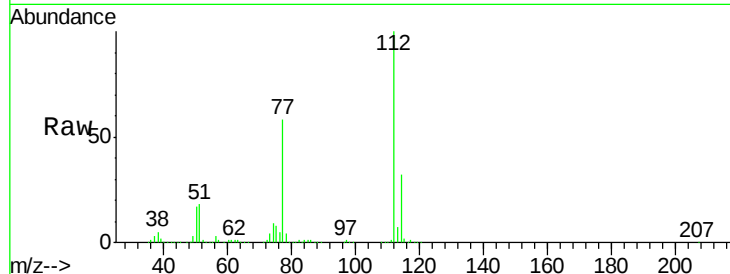




#65
Chlorobenzene
Concen: 50.985 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

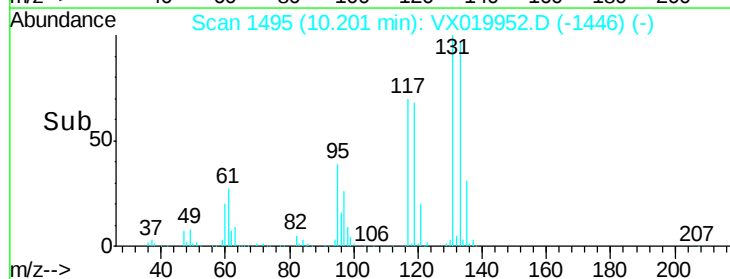
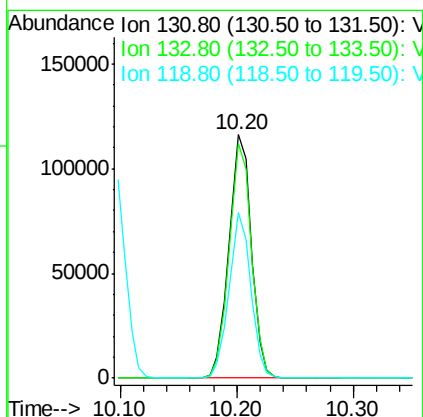
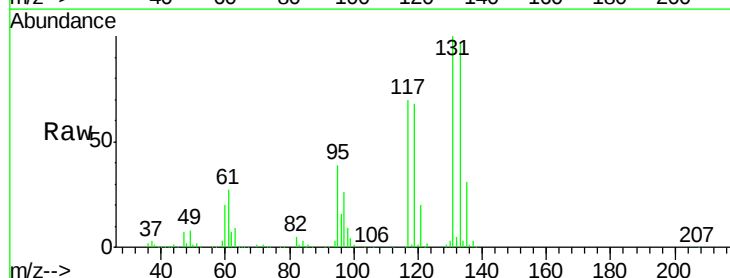
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

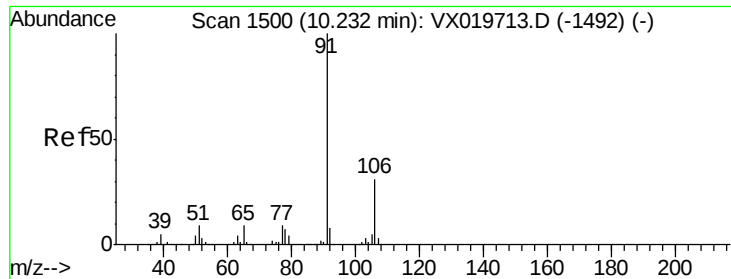
Tgt Ion:112 Resp: 416301
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.131 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion:131 Resp: 156144
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 66.1 32.1 96.5

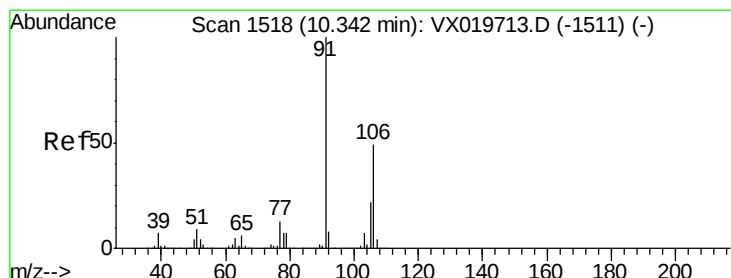
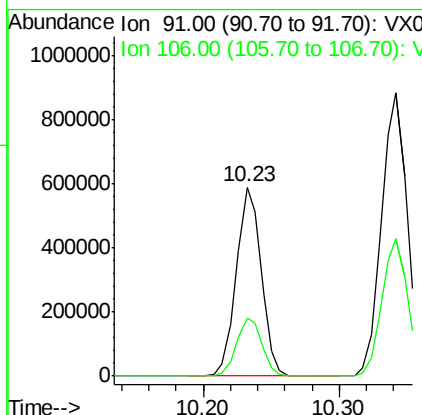
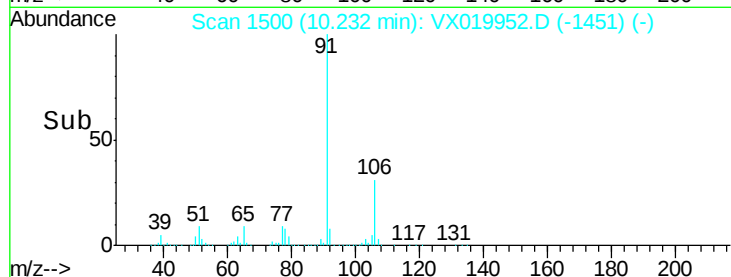
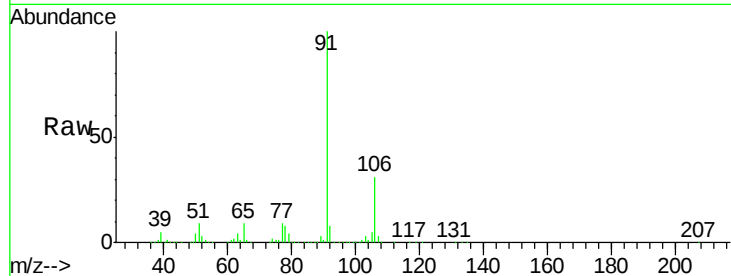




#67
 Ethyl Benzene
 Concen: 51.822 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

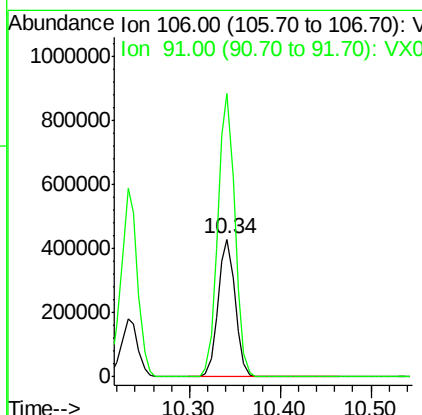
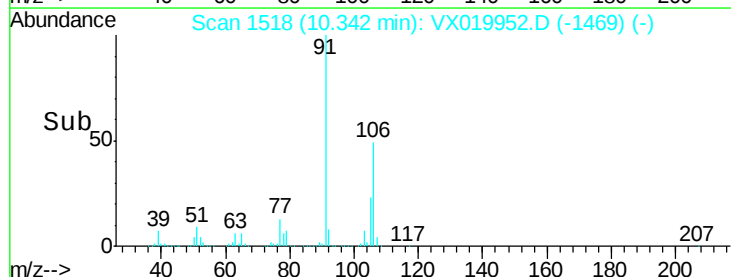
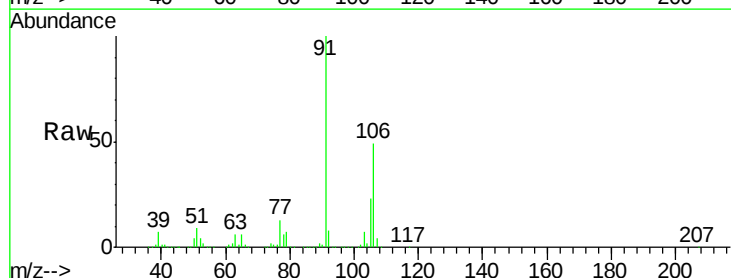
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

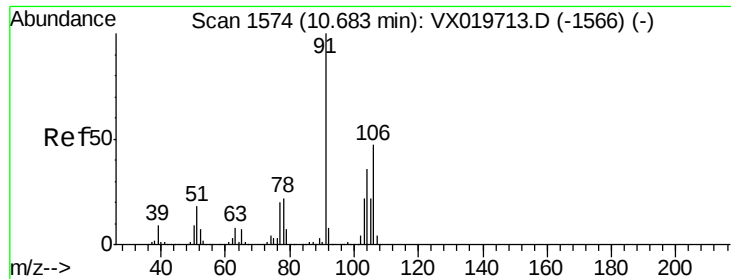
Tgt Ion: 91 Resp: 751078
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.6 37.0



#68
 m/p-Xylenes
 Concen: 103.900 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 106 Resp: 567435
 Ion Ratio Lower Upper
 106 100
 91 205.4 162.8 244.2

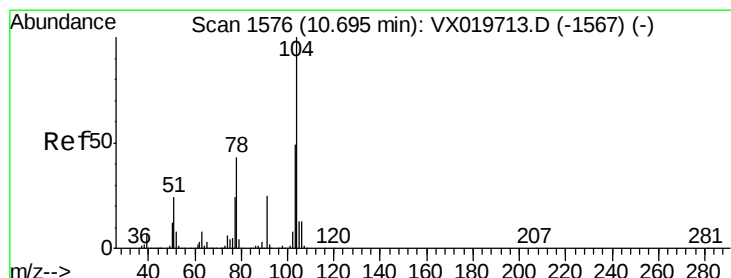
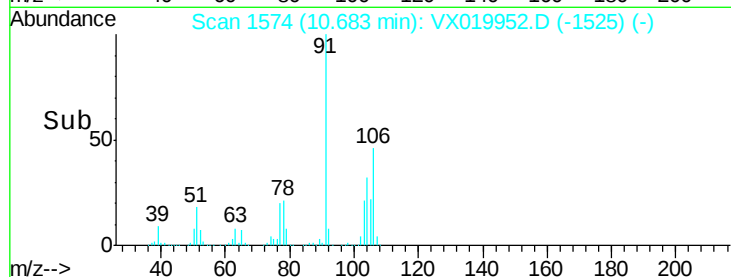
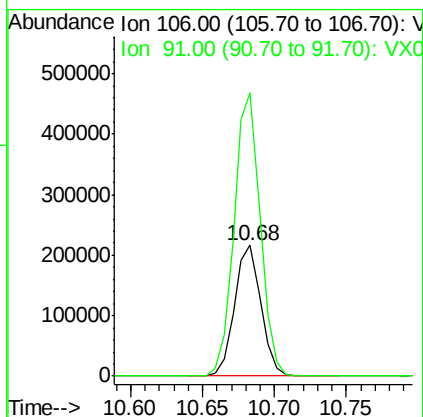
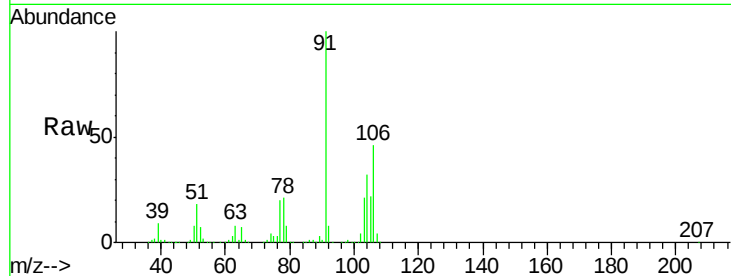




#69
o-Xylene
Concen: 52.662 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

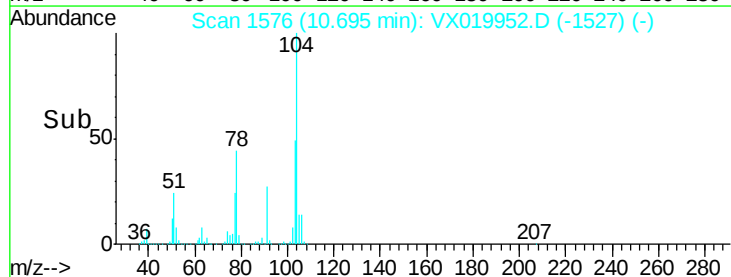
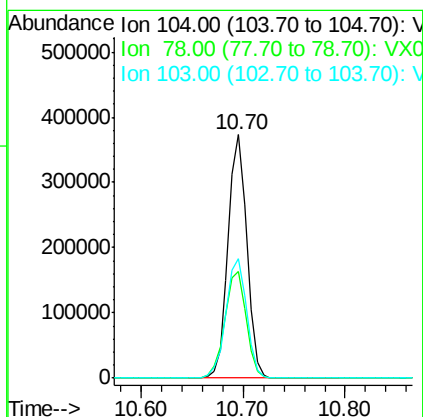
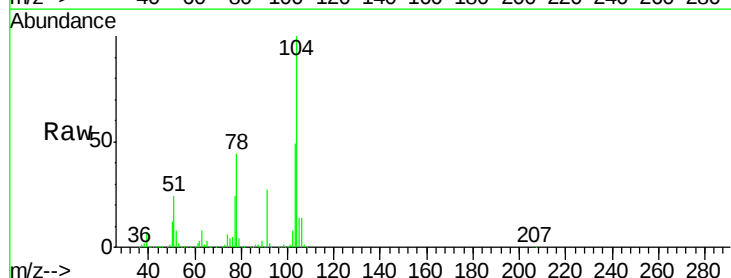
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

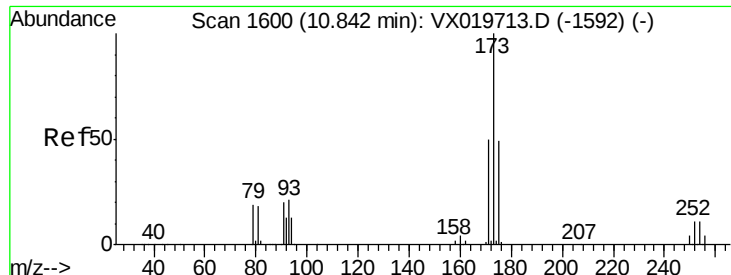
Tgt Ion:106 Resp: 276663
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.2



#70
Styrene
Concen: 53.452 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion:104 Resp: 473976
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 53.230 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

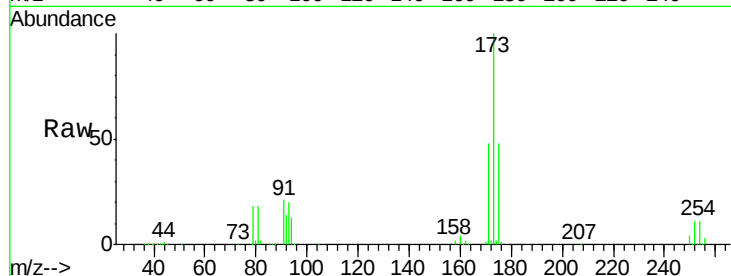
Tgt Ion:173 Resp: 123065

Ion Ratio Lower Upper

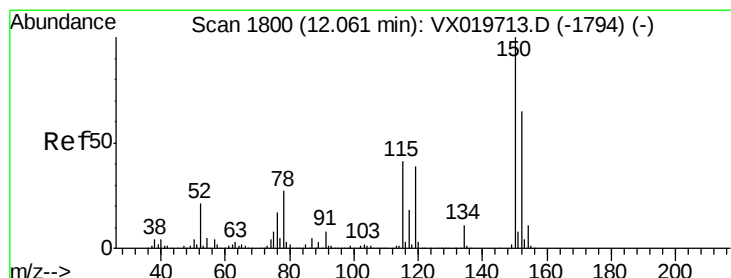
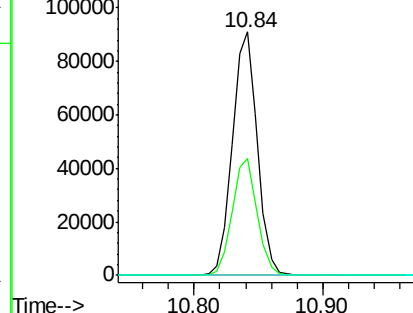
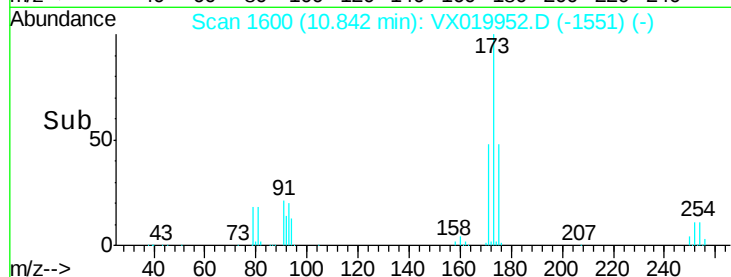
173 100

175 48.0 23.9 71.8

254 0.2 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: VX019952.D

Acq: 12 Dec 2020 23:00

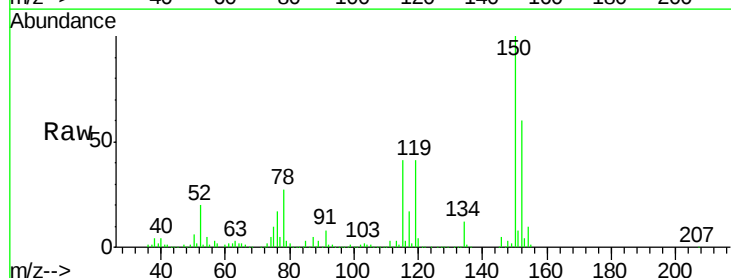
Tgt Ion:152 Resp: 200984

Ion Ratio Lower Upper

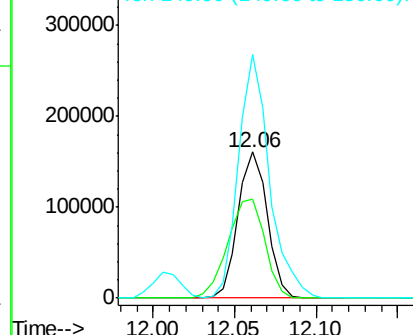
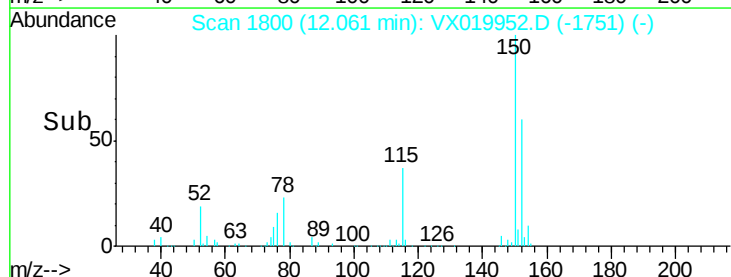
152 100

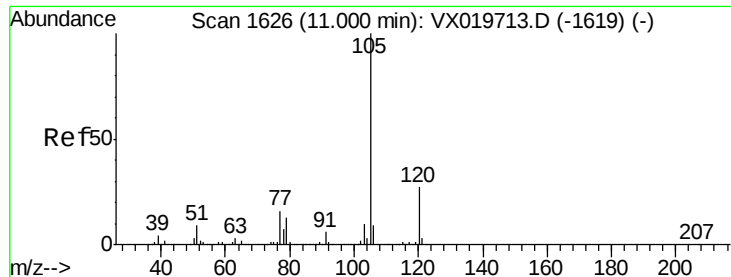
115 86.0 41.1 123.3

150 176.4 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: 53.499 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

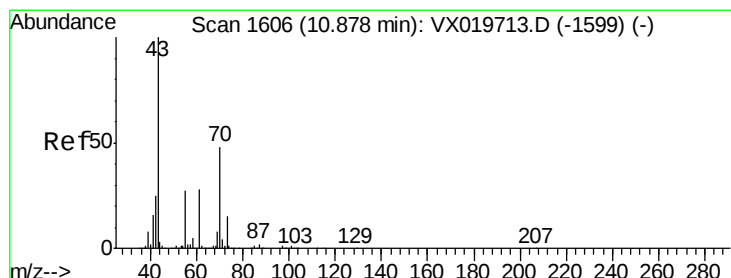
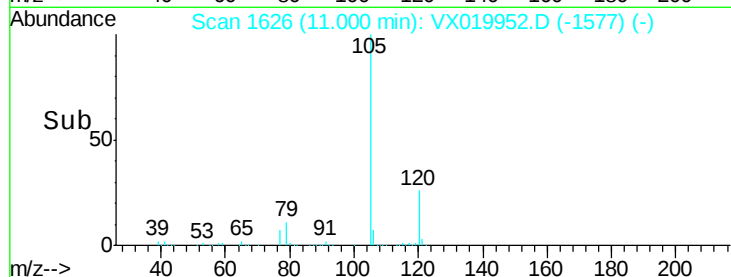
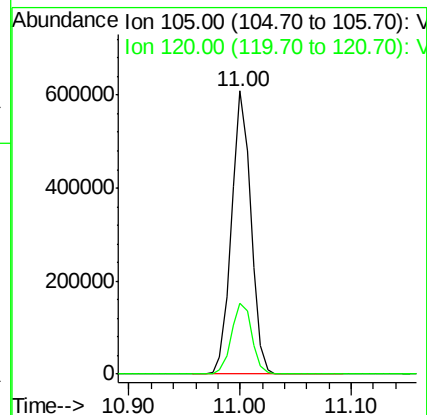
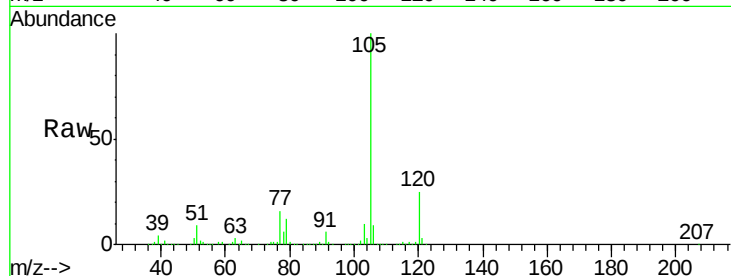
VSTDCCC050EC

Tgt Ion: 105 Resp: 734610

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 56.985 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Tgt Ion: 43 Resp: 313569

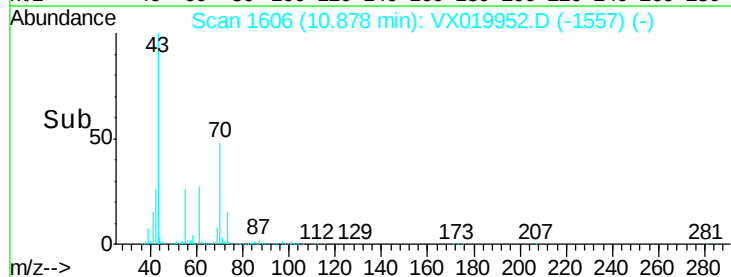
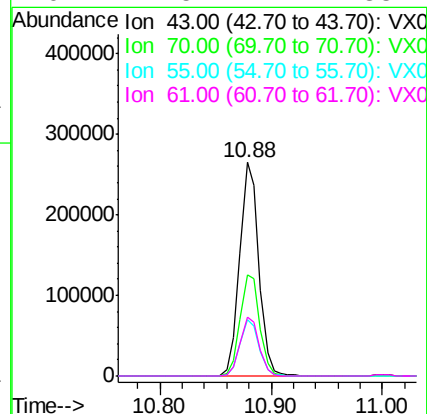
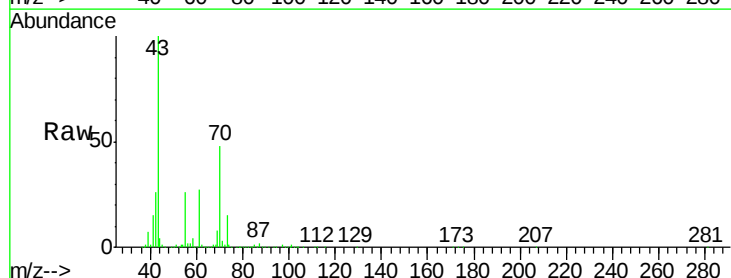
Ion Ratio Lower Upper

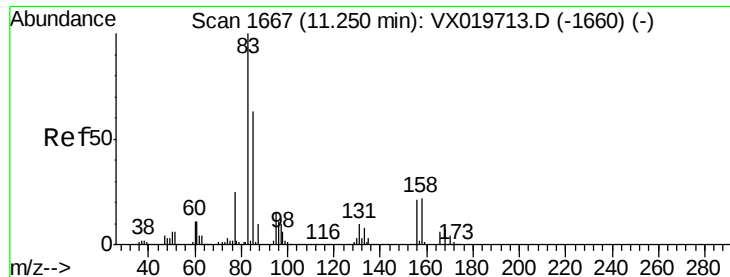
43 100

70 49.1 39.0 58.6

55 26.9 21.5 32.3

61 27.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 56.182 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

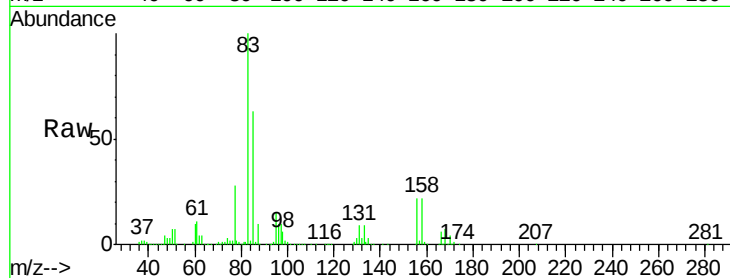
Tgt Ion: 83 Resp: 271979

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

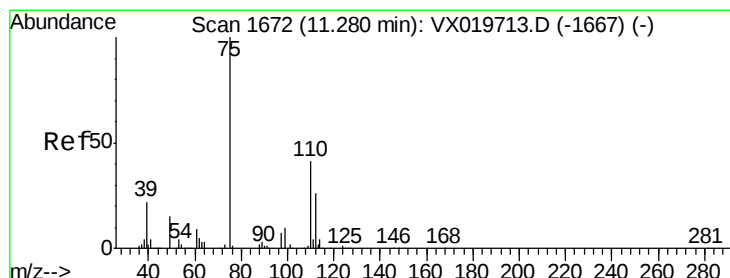
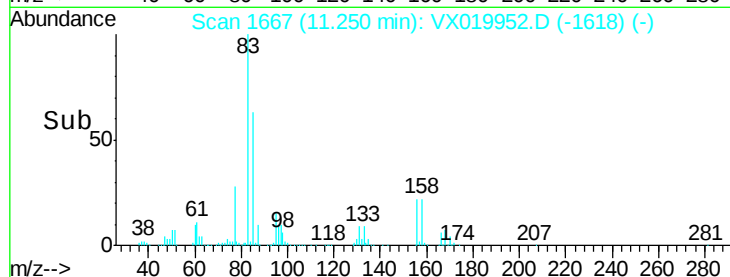
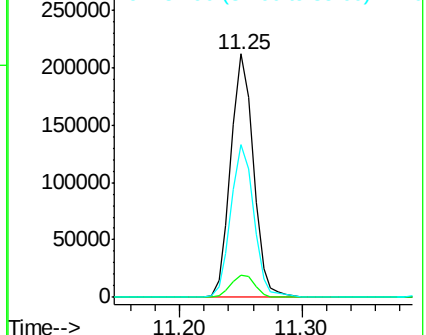
85 63.4 31.8 95.4



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: 67.139 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019952.D

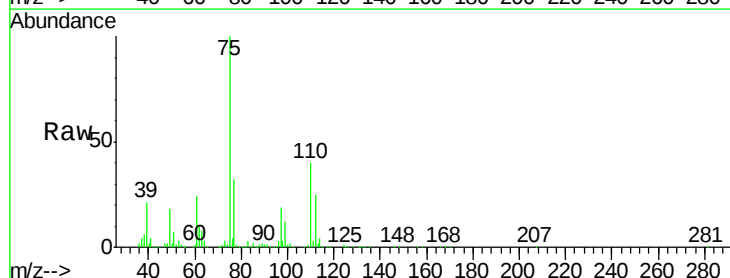
Acq: 12 Dec 2020 23:00

Tgt Ion: 75 Resp: 302646

Ion Ratio Lower Upper

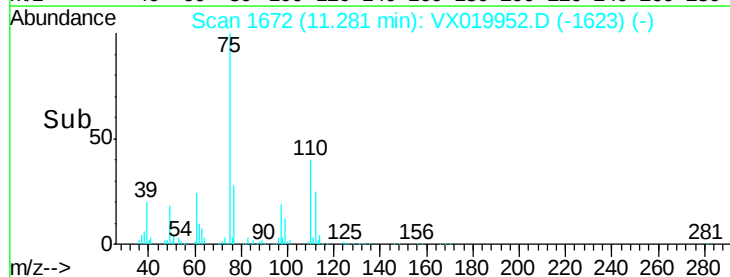
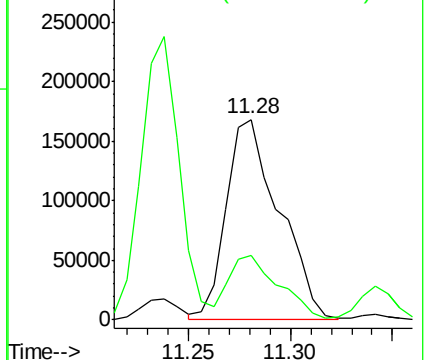
75 100

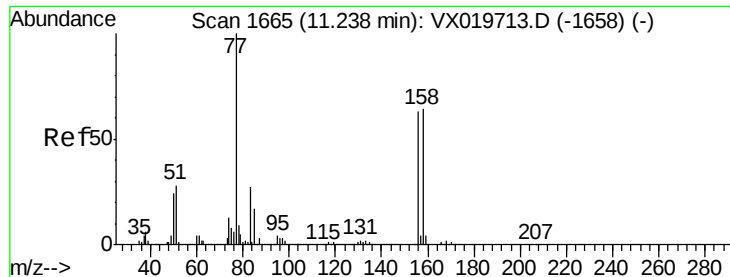
77 30.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.322 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

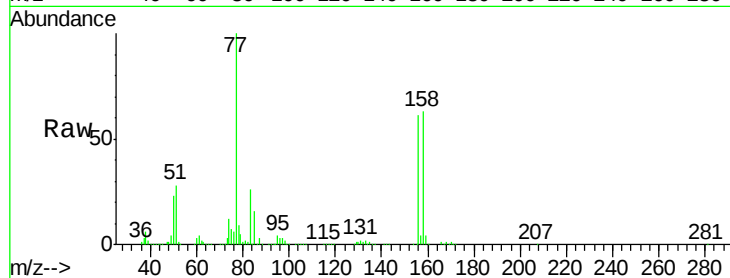
Tgt Ion:156 Resp: 183856

Ion Ratio Lower Upper

156 100

77 168.2 82.8 248.6

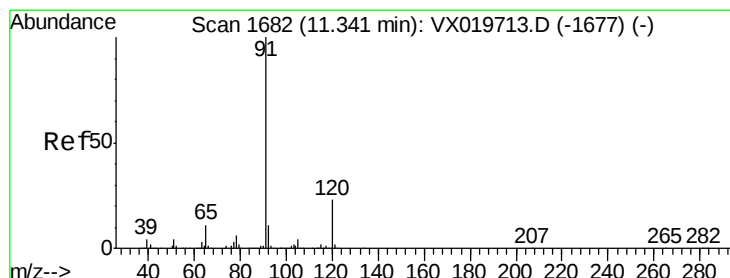
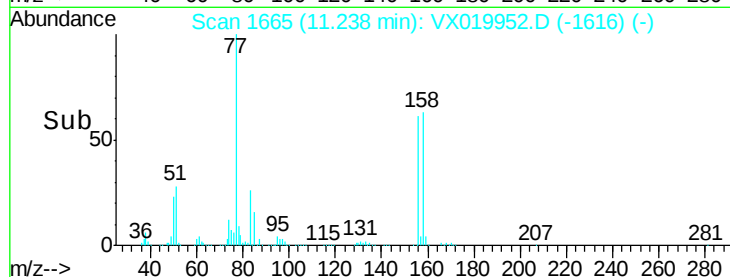
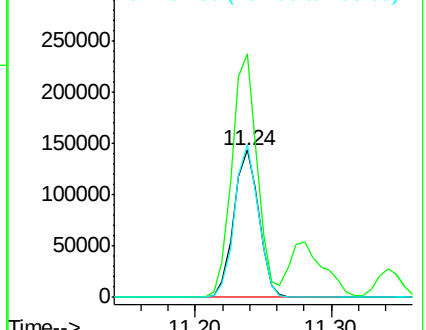
158 99.0 49.1 147.4



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: 54.300 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019952.D

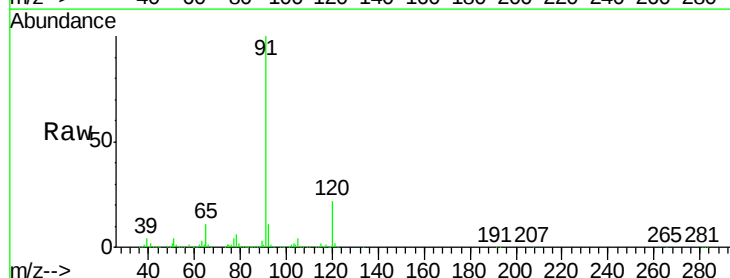
Acq: 12 Dec 2020 23:00

Tgt Ion: 91 Resp: 851587

Ion Ratio Lower Upper

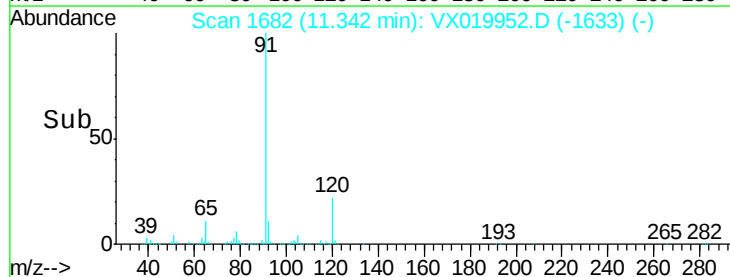
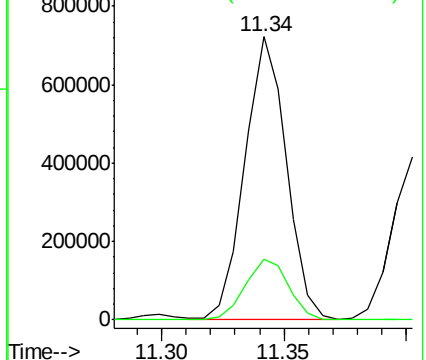
91 100

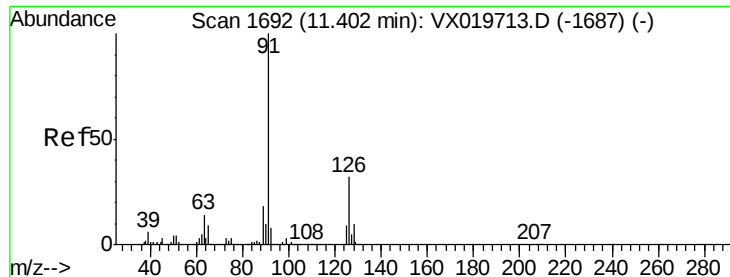
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

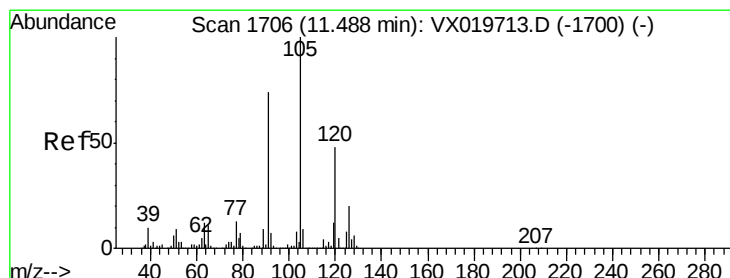
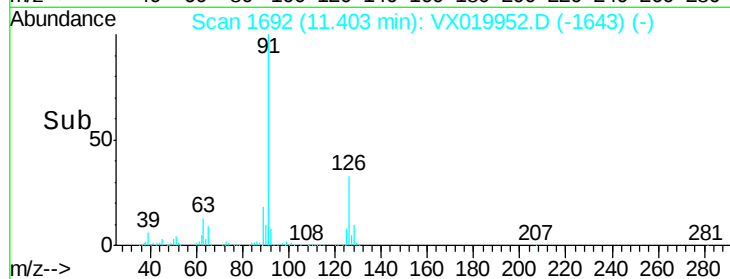
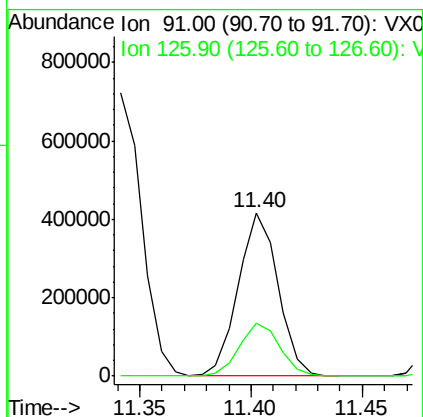
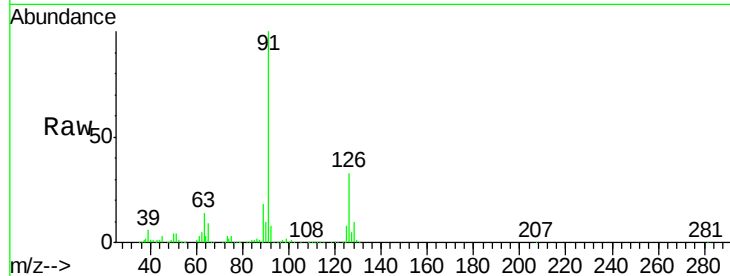




#79
 2-Chlorotoluene
 Concen: 53.711 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

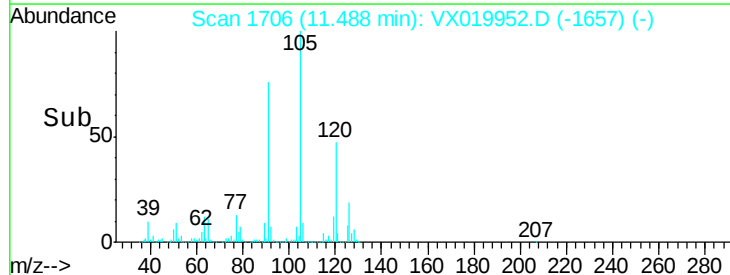
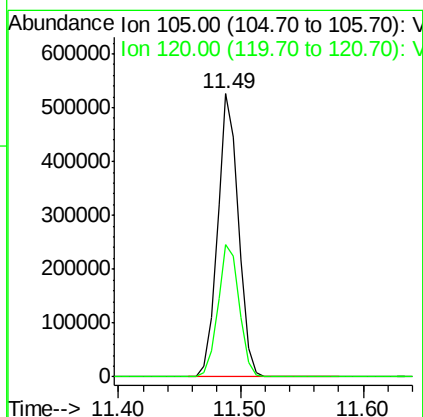
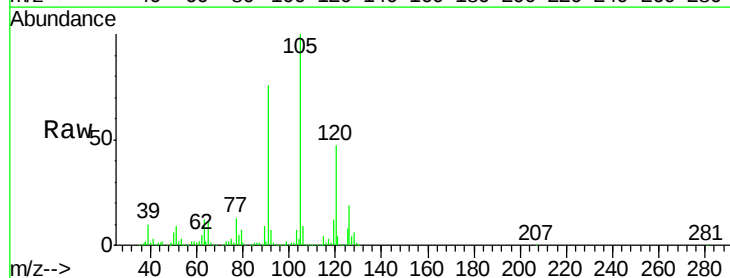
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

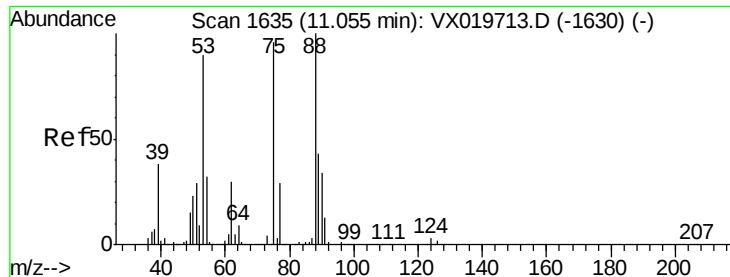
Tgt Ion: 91 Resp: 518731
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 53.929 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion: 105 Resp: 624965
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 51.781 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

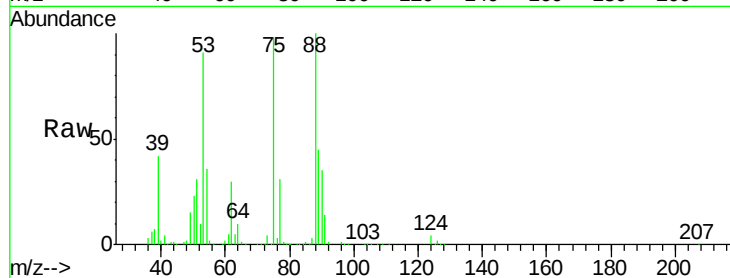
Tgt Ion: 75 Resp: 80743

Ion Ratio Lower Upper

75 100

53 93.9 74.5 111.7

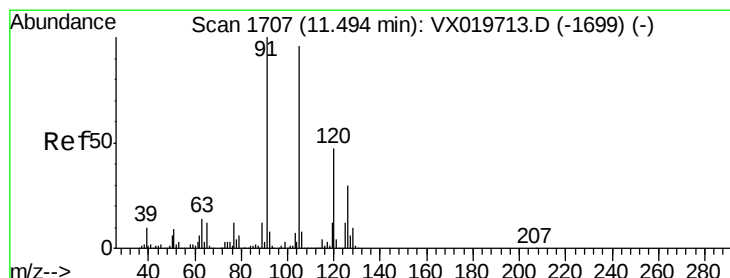
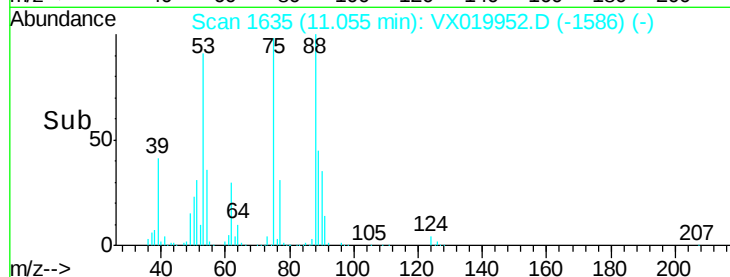
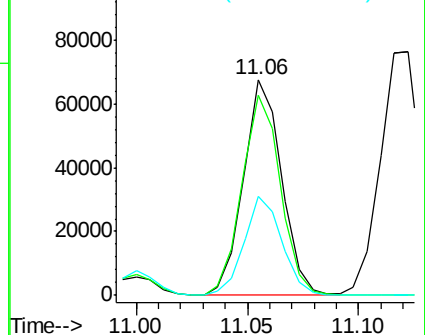
89 45.6 37.9 56.9



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: 52.883 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019952.D

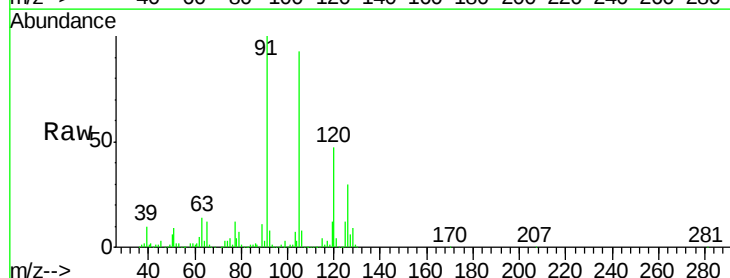
Acq: 12 Dec 2020 23:00

Tgt Ion: 91 Resp: 598171

Ion Ratio Lower Upper

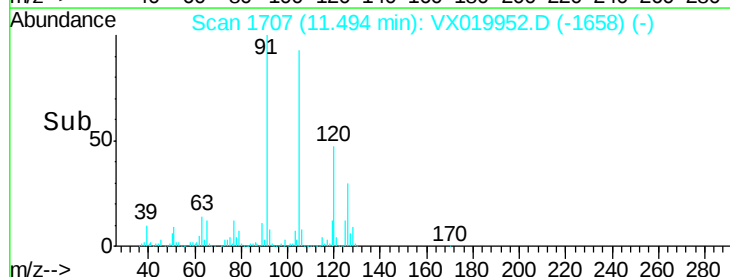
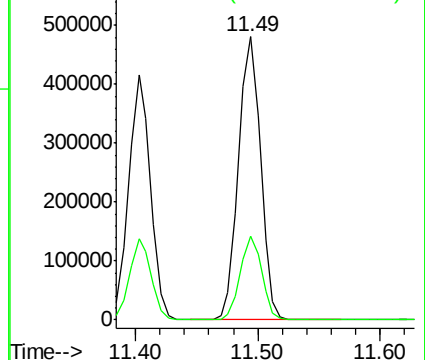
91 100

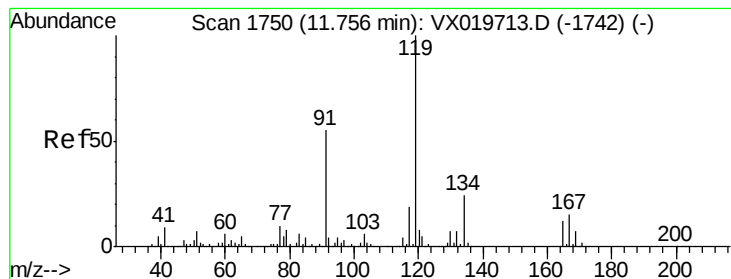
126 29.0 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.811 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

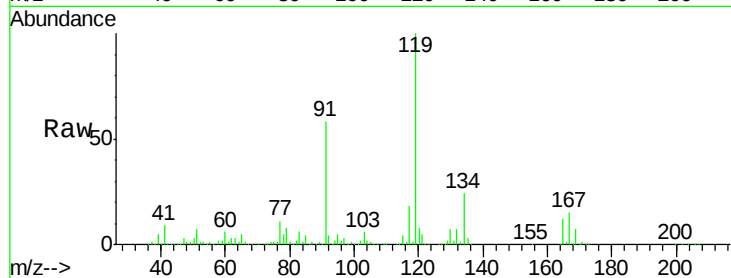
Tgt Ion:119 Resp: 622963

Ion Ratio Lower Upper

119 100

91 57.1 27.9 83.7

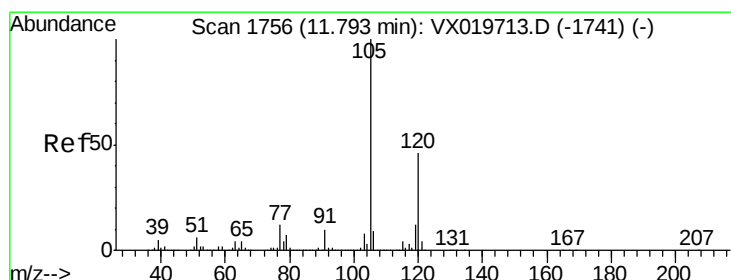
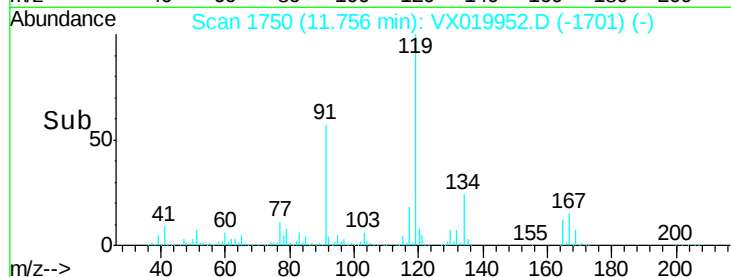
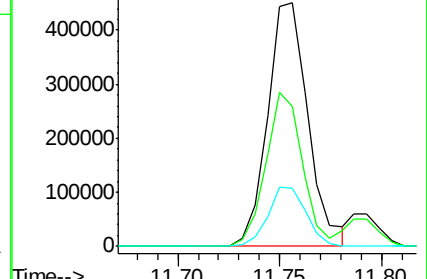
134 23.0 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.052 ug/l

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX019952.D

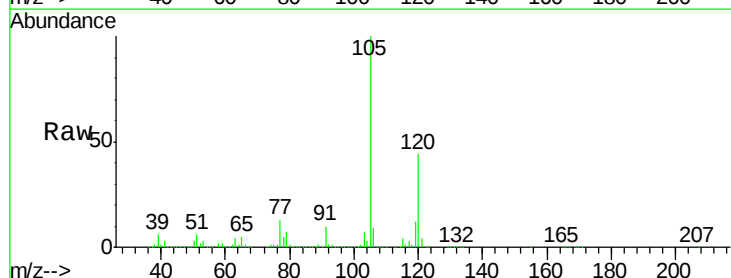
Acq: 12 Dec 2020 23:00

Tgt Ion:105 Resp: 642644

Ion Ratio Lower Upper

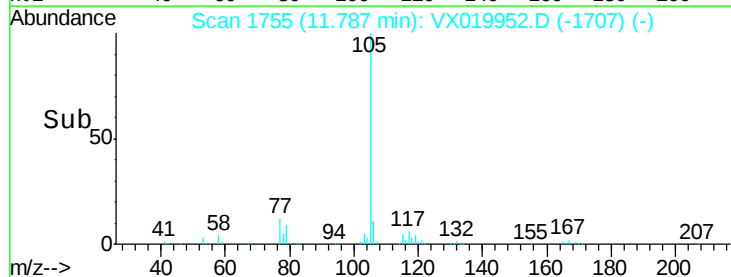
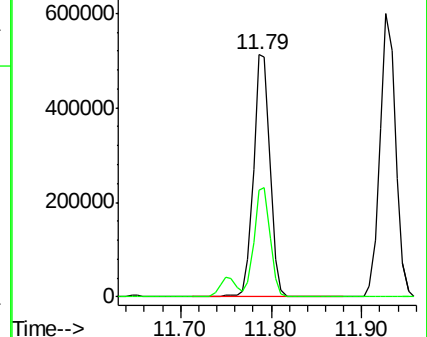
105 100

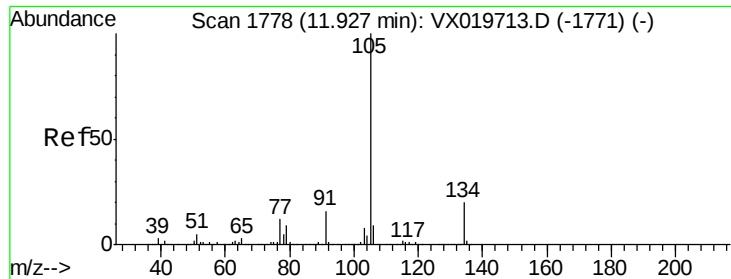
120 43.9 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

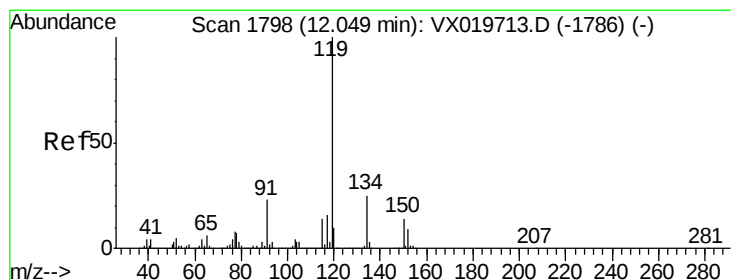
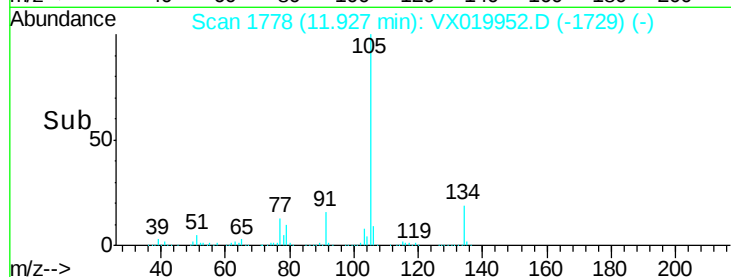
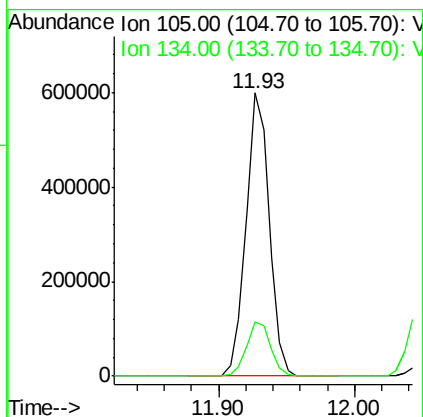
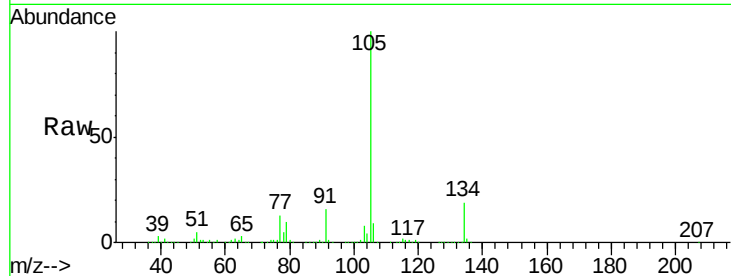




#85
 sec-Butylbenzene
 Concen: 55.215 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

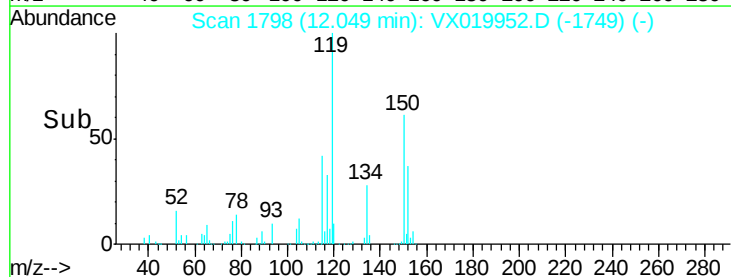
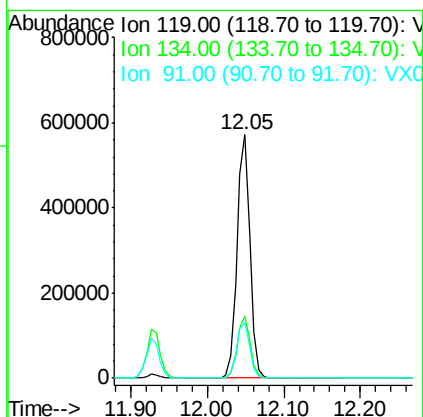
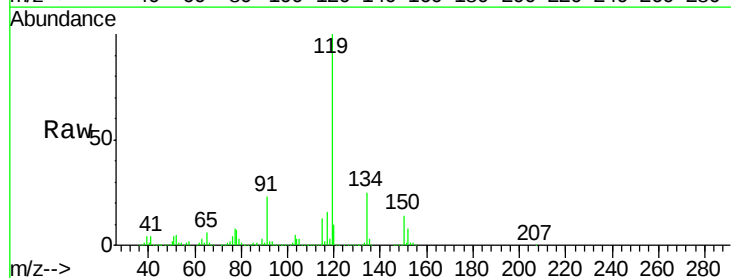
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

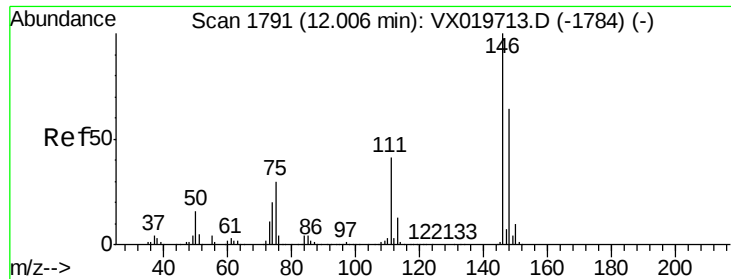
Tgt Ion:105 Resp: 716493
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 55.467 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion:119 Resp: 659648
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 23.3 11.7 35.0

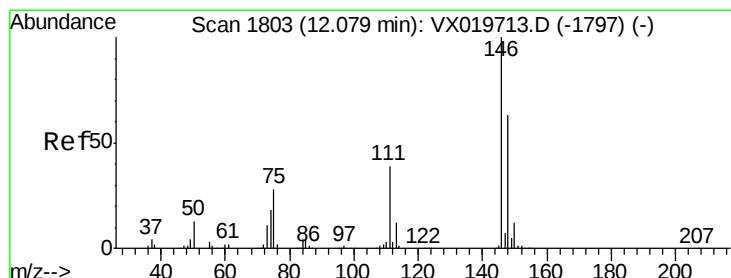
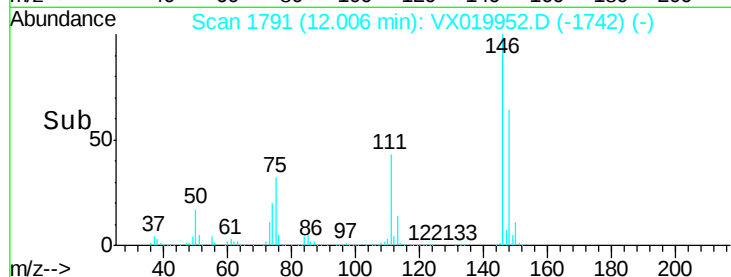
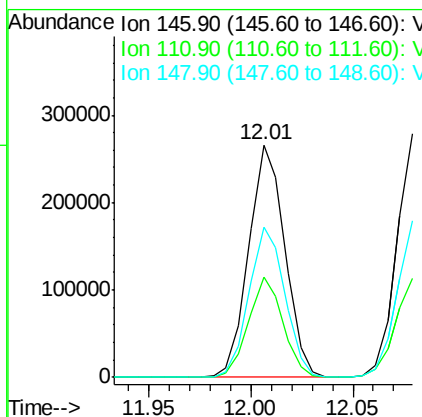
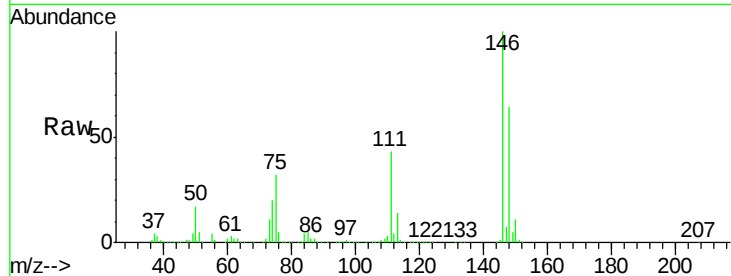




#87
 1,3-Dichlorobenzene
 Concen: 50.841 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

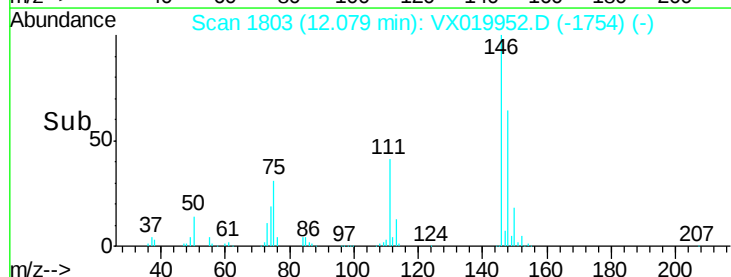
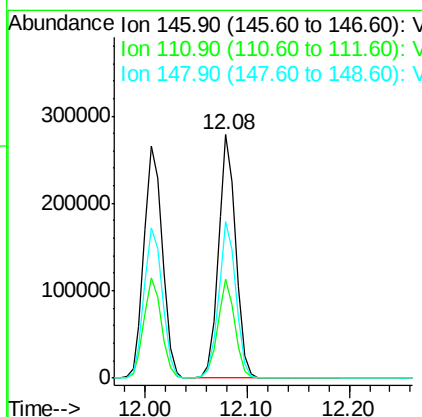
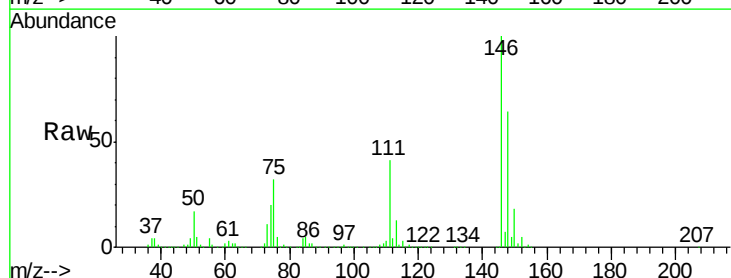
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

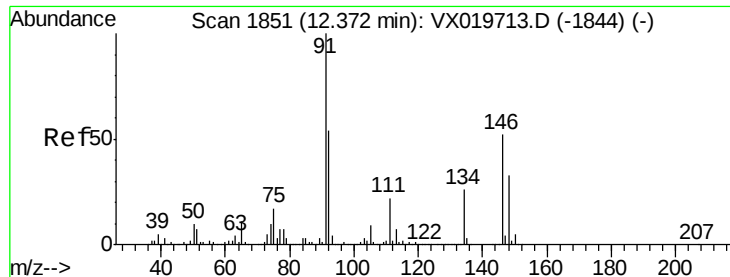
Tgt Ion:146 Resp: 327897
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.2 60.5
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.432 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion:146 Resp: 331278
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.6 58.8
 148 64.4 31.6 95.0

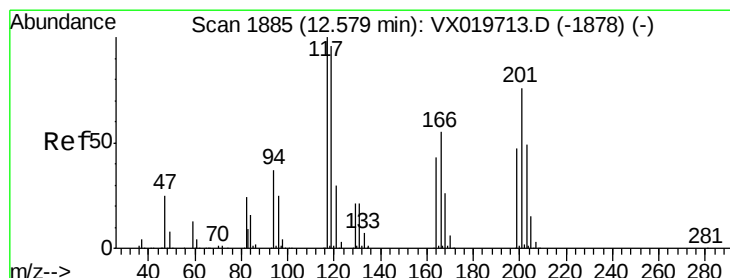
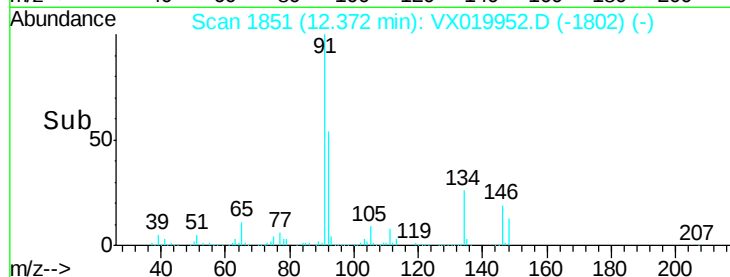
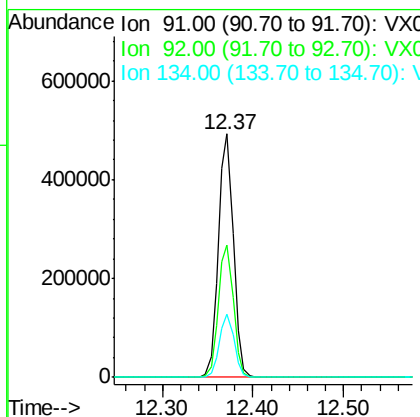
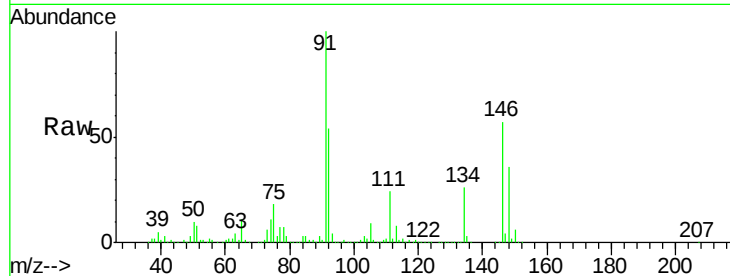




#89
n-Butylbenzene
Concen: 54.222 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

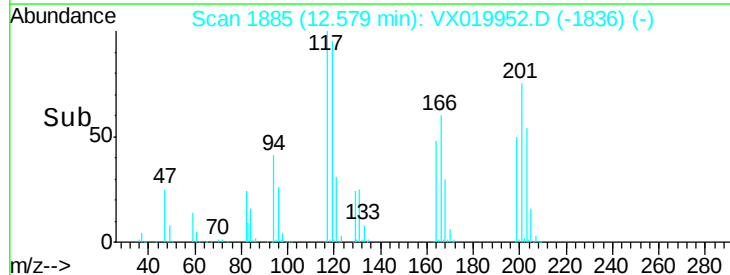
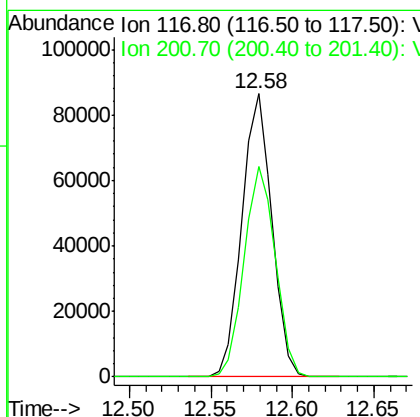
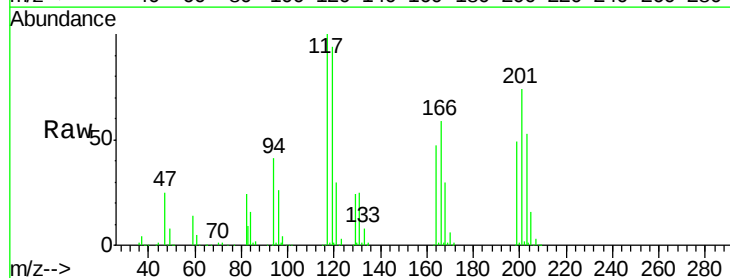
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

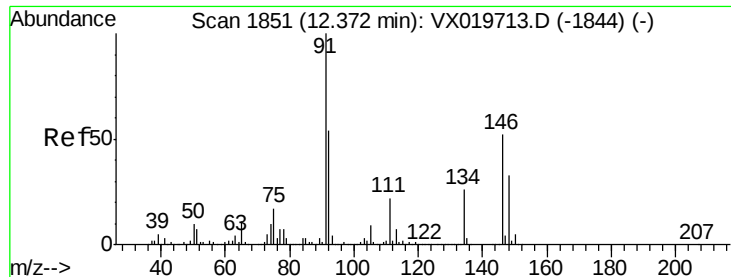
Tgt Ion: 91 Resp: 571308
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.0
134 25.6 13.2 39.5



#90
Hexachloroethane
Concen: 53.918 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 117 Resp: 110705
Ion Ratio Lower Upper
117 100
201 77.5 40.4 121.2

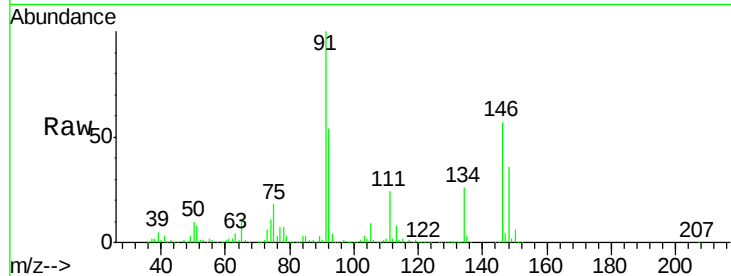




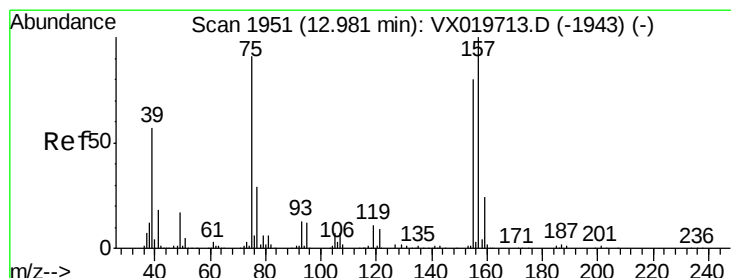
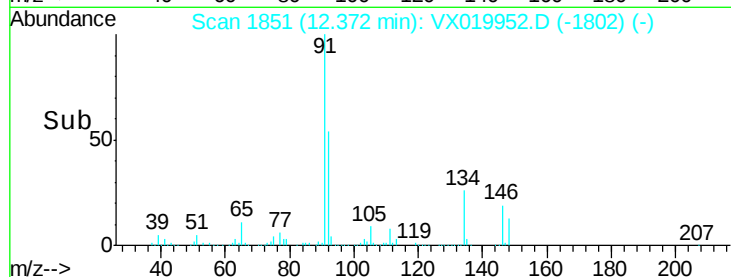
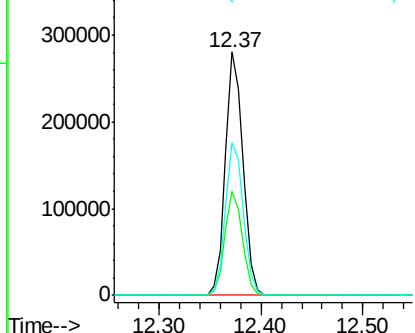
#91
1,2-Dichlorobenzene
Concen: 53.518 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 146 Resp: 336471
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.2
148 63.8 31.9 95.5

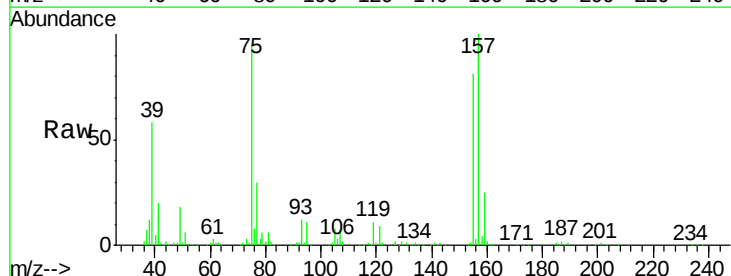


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

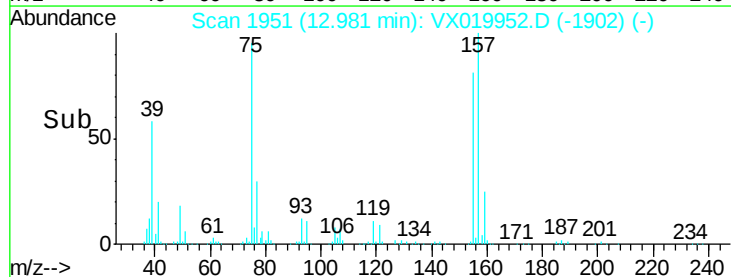
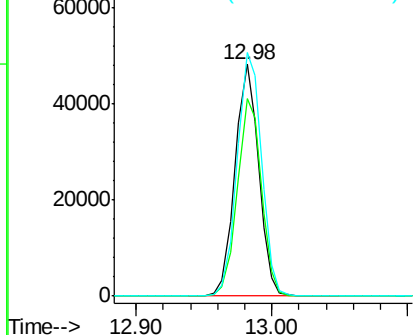


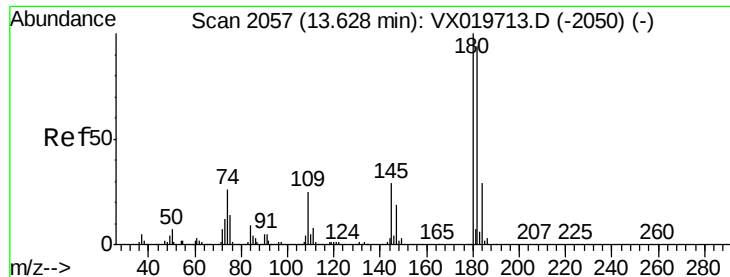
#92
1,2-Dibromo-3-Chloropropane
Concen: 56.124 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX019952.D
Acq: 12 Dec 2020 23:00

Tgt Ion: 75 Resp: 58409
Ion Ratio Lower Upper
75 100
155 86.5 45.3 135.9
157 108.2 57.7 173.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

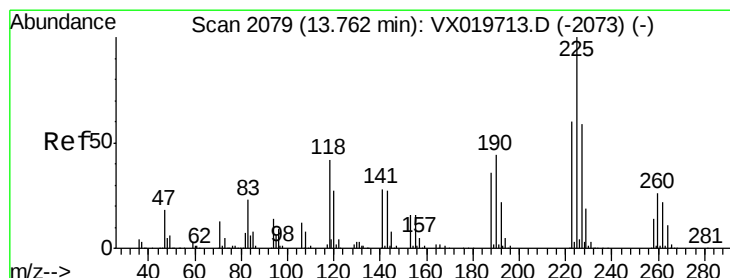
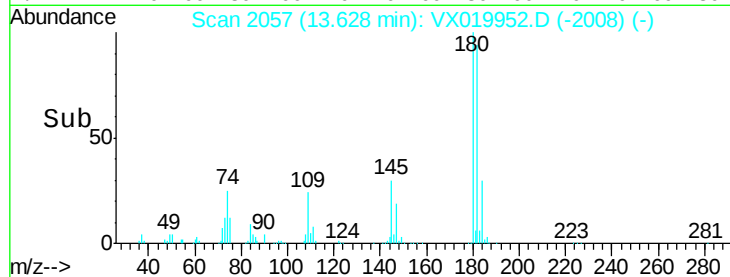
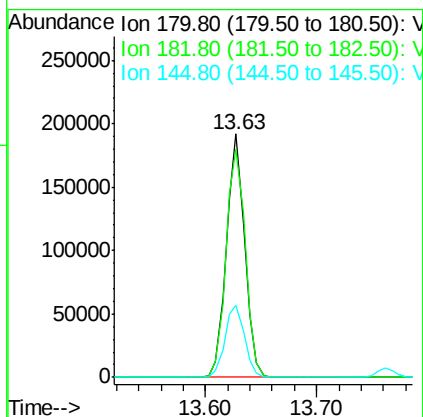
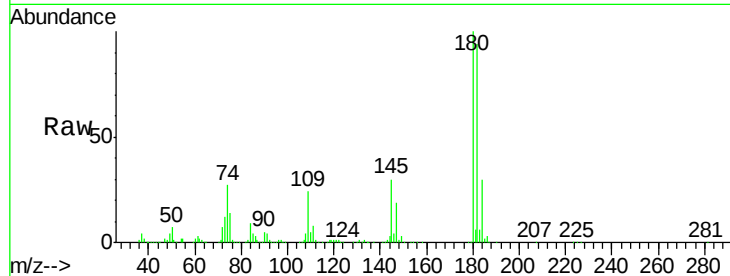




#93
 1,2,4-Trichlorobenzene
 Concen: 53.117 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

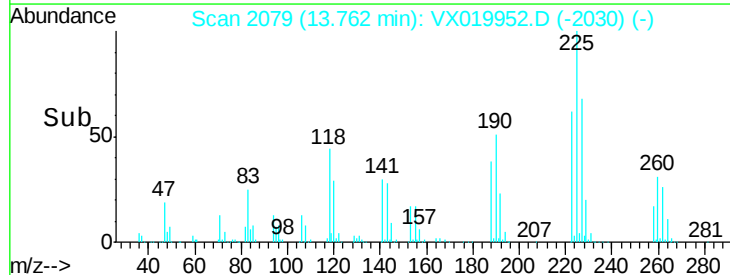
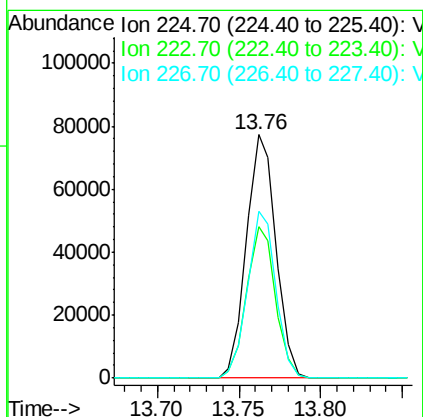
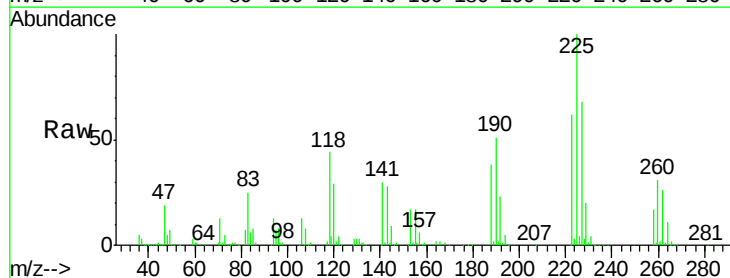
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

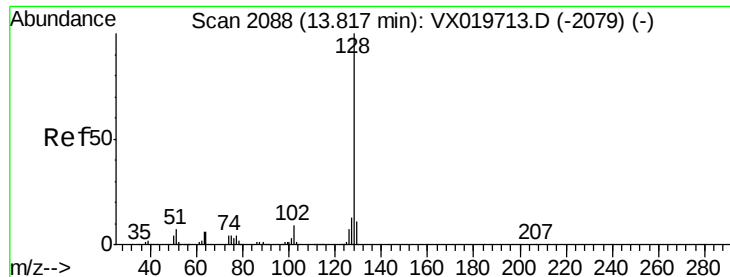
Tgt Ion:180 Resp: 217385
 Ion Ratio Lower Upper
 180 100
 182 99.3 47.7 143.1
 145 31.6 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 53.436 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019952.D
 Acq: 12 Dec 2020 23:00

Tgt Ion:225 Resp: 97745
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.1 93.2
 227 65.7 31.6 95.0





#95

Naphthalene

Concen: 61.757 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

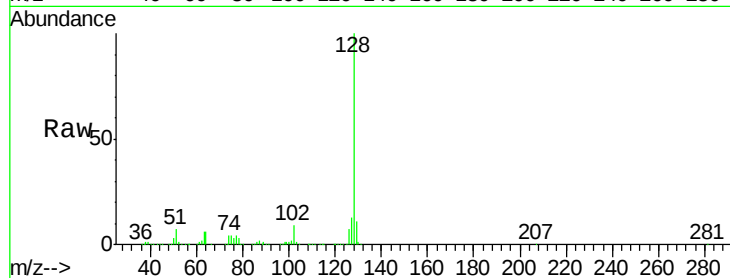
Tgt Ion:128 Resp: 819405

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

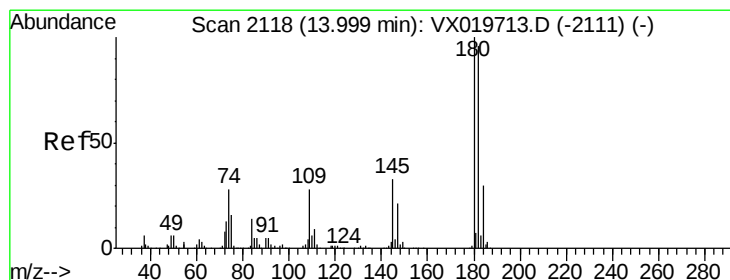
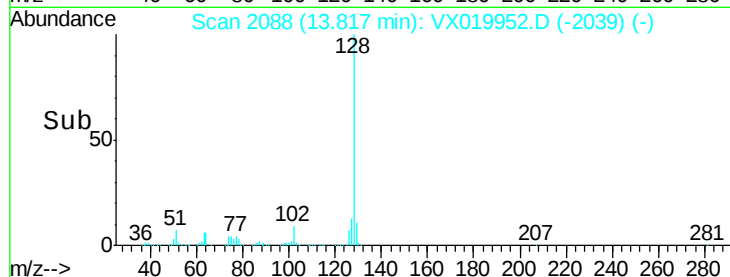
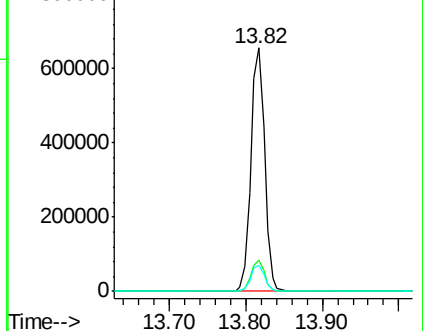
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.247 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019952.D

Acq: 12 Dec 2020 23:00

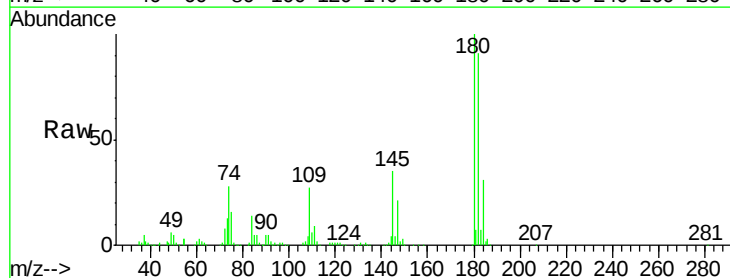
Tgt Ion:180 Resp: 216970

Ion Ratio Lower Upper

180 100

182 97.5 47.6 142.9

145 34.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

