

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
 Data File : VX020004.D
 Acq On : 15 Dec 2020 12:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 13:19:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	260460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	415703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	391852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195020	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	165857	48.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.90%	
35) Dibromofluoromethane		5.46	113	134978	50.24	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.48%	
50) Toluene-d8		8.70	98	503186	49.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.12%	
62) 4-Bromofluorobenzene		11.12	95	195874	50.17	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	107147	44.933	ug/l	100
3) Chloromethane	1.31	50	114022	40.658	ug/l	99
4) Vinyl Chloride	1.39	62	139087	47.036	ug/l	100
5) Bromomethane	1.62	94	46865	47.731	ug/l	98
6) Chloroethane	1.70	64	93505	52.639	ug/l	99
7) Trichlorofluoromethane	1.91	101	204514	49.662	ug/l	99
8) Diethyl Ether	2.17	74	91269	52.299	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118358	50.142	ug/l	99
10) Methyl Iodide	2.49	142	132482	38.077	ug/l	99
11) Tert butyl alcohol	3.01	59	174875	248.471	ug/l	100
12) 1,1-Dichloroethene	2.36	96	113267	47.464	ug/l	94
13) Acrolein	2.27	56	71142	188.278	ug/l	98
14) Allyl chloride	2.70	41	207327	51.441	ug/l	96
15) Acrylonitrile	3.11	53	432533	279.497	ug/l	100
16) Acetone	2.42	43	334755	260.166	ug/l	100
17) Carbon Disulfide	2.54	76	289611	42.296	ug/l	99
18) Methyl Acetate	2.75	43	189712	60.251	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	476571	54.836	ug/l	98
20) Methylene Chloride	2.83	84	155481	53.016	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	136883	49.200	ug/l	97
22) Diisopropyl ether	3.82	45	455080	55.846	ug/l	96
23) Vinyl Acetate	3.78	43	1944143	280.037	ug/l	99
24) 1,1-Dichloroethane	3.67	63	257307	52.362	ug/l	99
25) 2-Butanone	4.62	43	542905	274.591	ug/l	99
26) 2,2-Dichloropropane	4.54	77	205087	48.464	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	164084	50.396	ug/l	100
28) Bromochloromethane	4.97	49	119493	51.010	ug/l	97
29) Tetrahydrofuran	5.08	42	351113	275.632	ug/l	98
30) Chloroform	5.17	83	270337	53.503	ug/l	99
31) Cyclohexane	5.54	56	207107	48.637	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	223229	51.302	ug/l	100
36) 1,1-Dichloropropene	5.76	75	188463	50.171	ug/l	98
37) Ethyl Acetate	4.78	43	209473	55.230	ug/l	99
38) Carbon Tetrachloride	5.74	117	189022	51.386	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	222623	50.443	ug/l	99
40) Benzene	6.10	78	595911	51.932	ug/l	99
41) Methacrylonitrile	4.99	41	117867	56.602	ug/l	99
42) 1,2-Dichloroethane	6.15	62	212655	54.241	ug/l	99
43) Isopropyl Acetate	6.40	43	336817	54.623	ug/l	100
44) Trichloroethene	7.18	130	151741	50.400	ug/l	100
45) 1,2-Dichloropropane	7.48	63	156323	54.508	ug/l	98
46) Dibromomethane	7.63	93	104725	54.074	ug/l	99
47) Bromodichloromethane	7.87	83	212343	55.254	ug/l	98
48) Methyl methacrylate	7.74	41	167895	55.363	ug/l	98
49) 1,4-Dioxane	7.71	88	71171	968.785	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1074727	285.476	ug/l	100
52) Toluene	8.76	92	374405	52.169	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	233352	54.718	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	255119	55.065	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	161848	55.961	ug/l	99
56) Ethyl methacrylate	9.15	69	245606	56.129	ug/l	99
57) 1,3-Dichloropropane	9.35	76	270932	54.863	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	659972	284.706	ug/l	100
59) 2-Hexanone	9.47	43	803564	275.370	ug/l	99
60) Dibromochloromethane	9.56	129	164820	56.092	ug/l	100
61) 1,2-Dibromoethane	9.65	107	164730	53.639	ug/l	99
64) Tetrachloroethene	9.32	164	139439	53.062	ug/l	98
65) Chlorobenzene	10.12	112	398382	51.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	153849	54.753	ug/l	100
67) Ethyl Benzene	10.23	91	718555	51.854	ug/l	97
68) m/p-Xylenes	10.34	106	540566	103.524	ug/l	100
69) o-Xylene	10.68	106	257941	51.352	ug/l	99
70) Styrene	10.70	104	455522	53.729	ug/l	100
71) Bromoform	10.84	173	123022	55.654	ug/l #	99
73) Isopropylbenzene	11.00	105	697741	52.368	ug/l	100
74) N-amyl acetate	10.88	43	288743	54.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	255731	54.441	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	294189	67.259	ug/l	87
77) Bromobenzene	11.24	156	178223	52.270	ug/l	99
78) n-propylbenzene	11.34	91	807185	53.043	ug/l	100
79) 2-Chlorotoluene	11.40	91	491283	52.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	597052	53.096	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	81275	53.716	ug/l	99
82) 4-Chlorotoluene	11.49	91	574323	52.328	ug/l	98
83) tert-Butylbenzene	11.76	119	580100	52.601	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	609814	53.837	ug/l	99
85) sec-Butylbenzene	11.93	105	685224	54.420	ug/l	99
86) p-Isopropyltoluene	12.05	119	630251	54.616	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	312977	50.012	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322257	50.559	ug/l	100
89) n-Butylbenzene	12.37	91	555145	54.299	ug/l	99
90) Hexachloroethane	12.58	117	106033	53.222	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	321552	52.709	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55811	55.268	ug/l	95

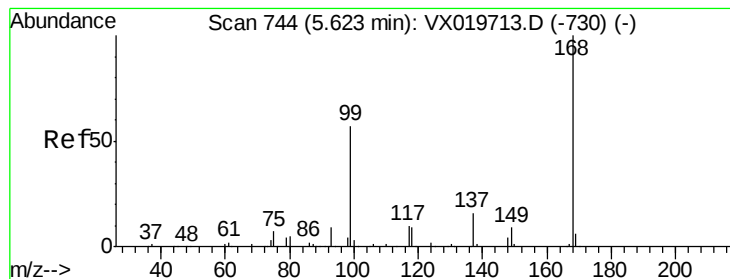
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	218287	54.968	ug/l	99
94) Hexachlorobutadiene	13.76	225	98650	55.580	ug/l	98
95) Naphthalene	13.82	128	728384	56.576	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218895	56.402	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

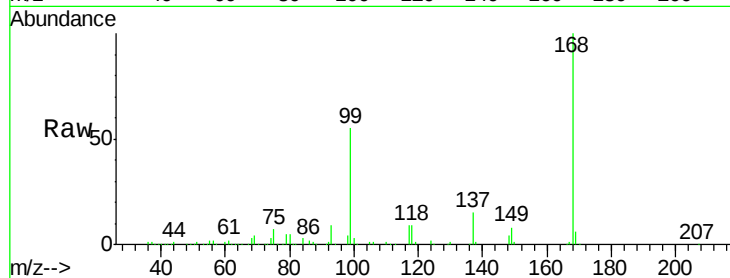
VSTDCCC050

Tgt Ion:168 Resp: 260460

Ion Ratio Lower Upper

168 100

99 55.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

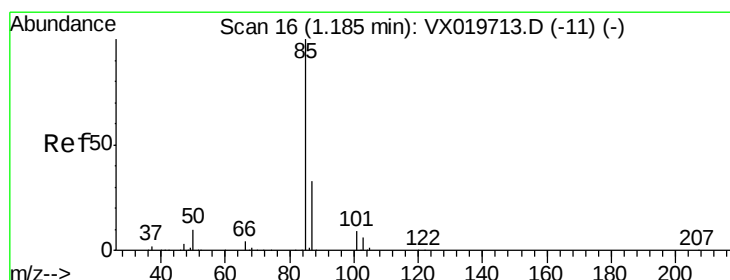
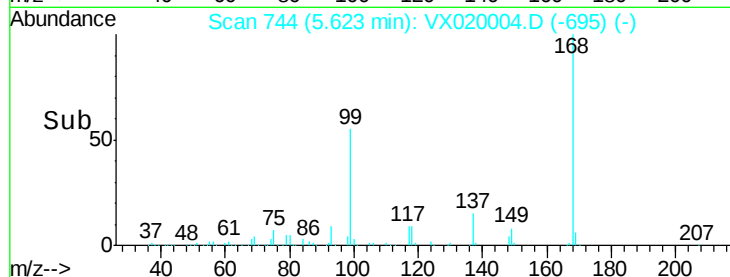
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.933 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020004.D

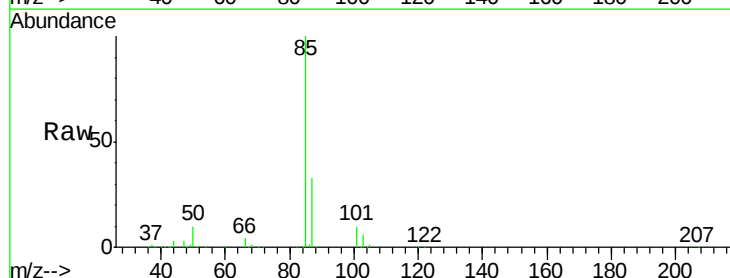
Acq: 15 Dec 2020 12:00

Tgt Ion: 85 Resp: 107147

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

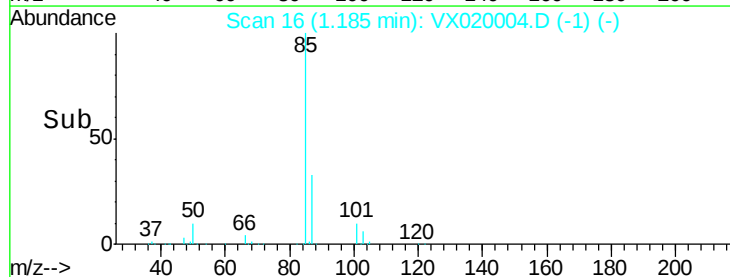
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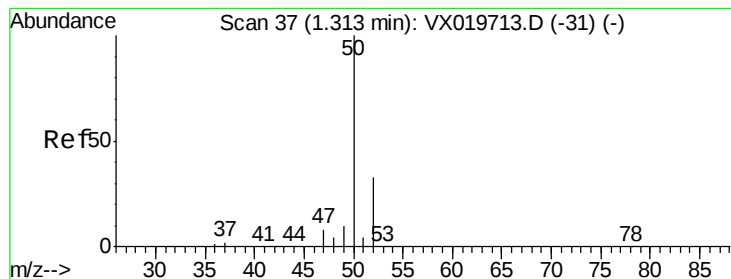
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 40.658 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

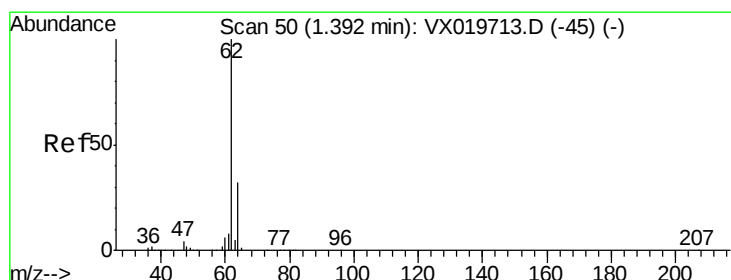
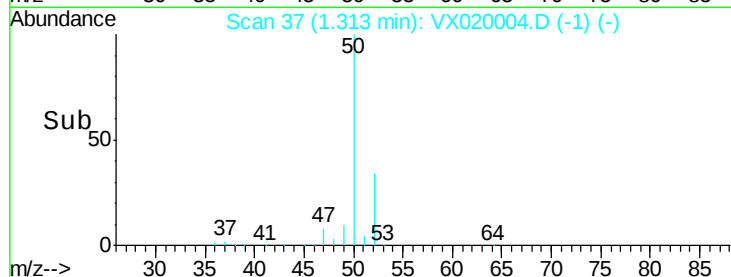
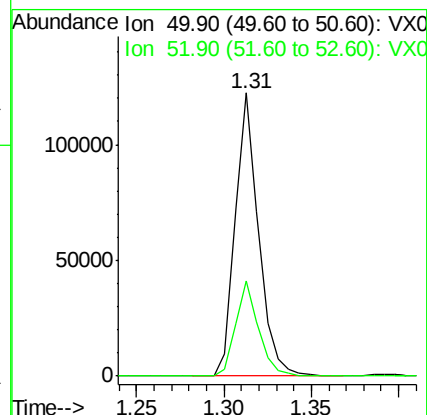
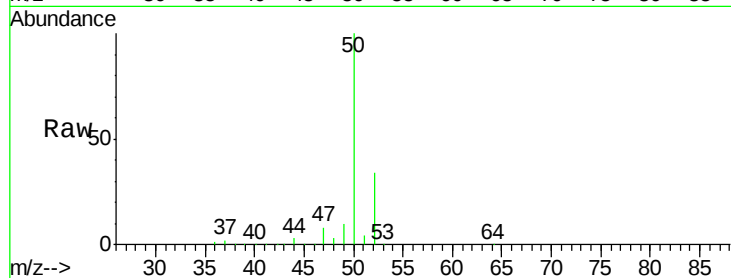
VSTDCCC050

Tgt Ion: 50 Resp: 114022

Ion Ratio Lower Upper

50 100

52 33.8 26.4 39.6



#4

Vinyl Chloride

Concen: 47.036 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020004.D

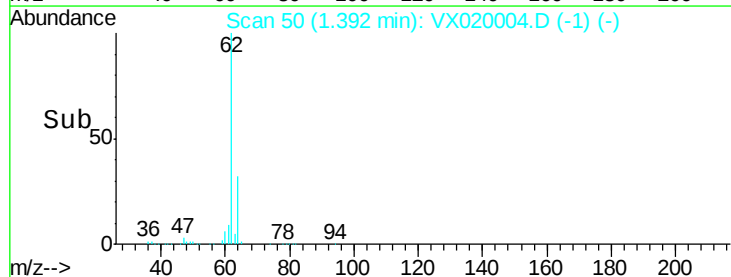
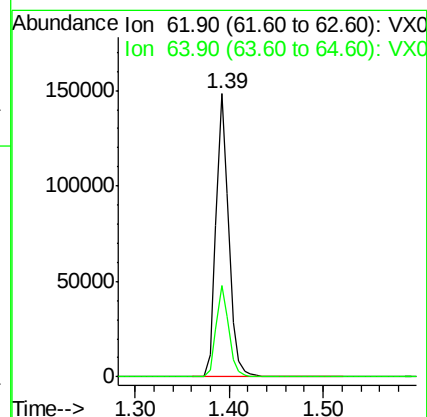
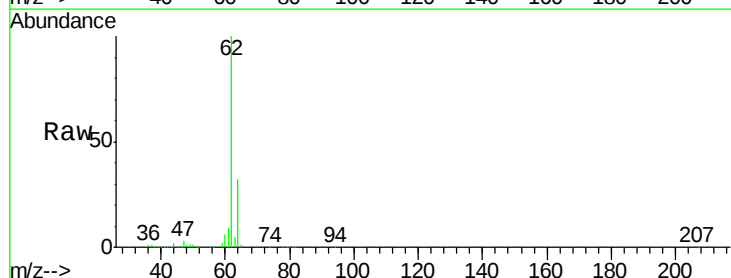
Acq: 15 Dec 2020 12:00

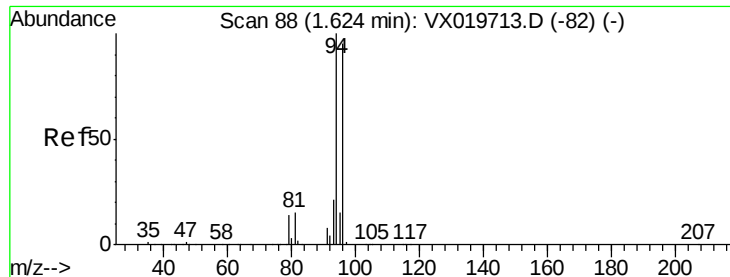
Tgt Ion: 62 Resp: 139087

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 47.731 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

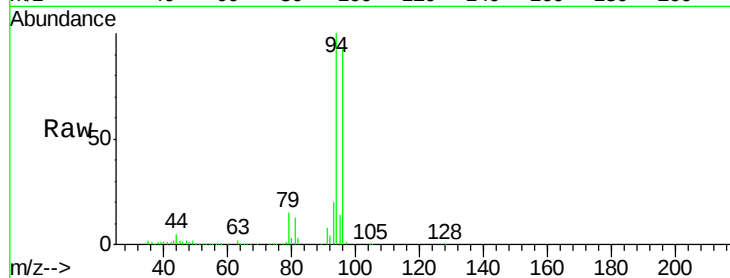
VSTDCCC050

Tgt Ion: 94 Resp: 46865

Ion Ratio Lower Upper

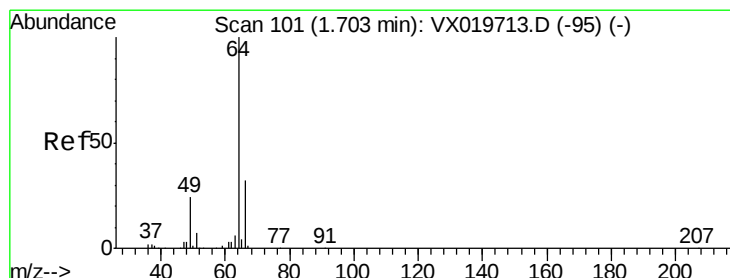
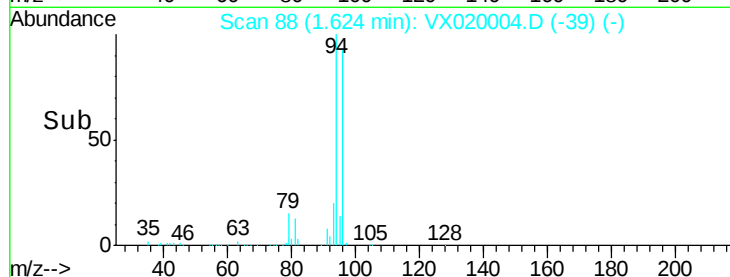
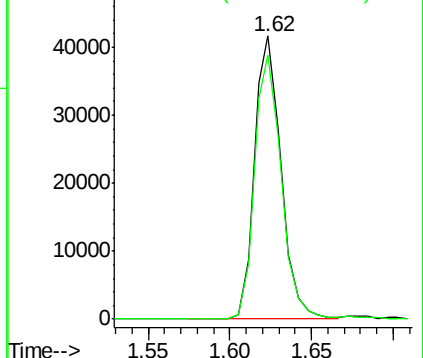
94 100

96 93.6 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: 52.639 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX020004.D

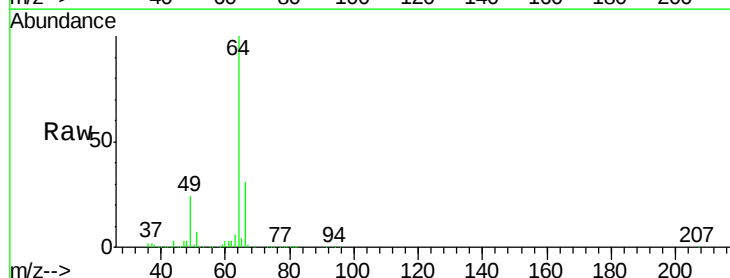
Acq: 15 Dec 2020 12:00

Tgt Ion: 64 Resp: 93505

Ion Ratio Lower Upper

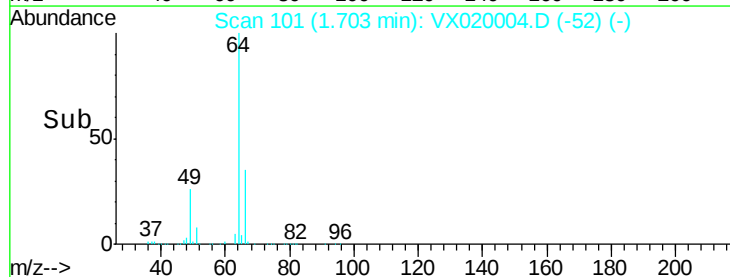
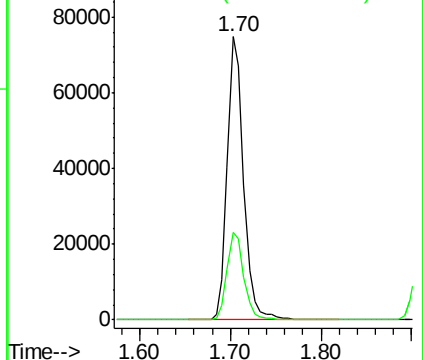
64 100

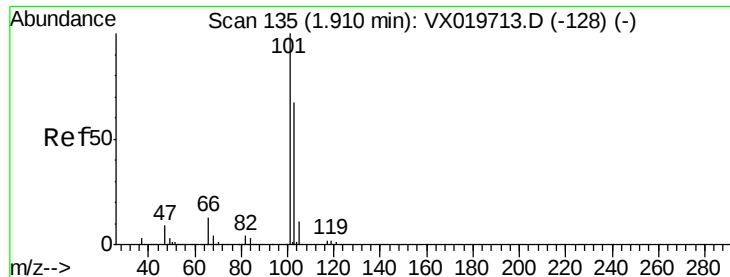
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



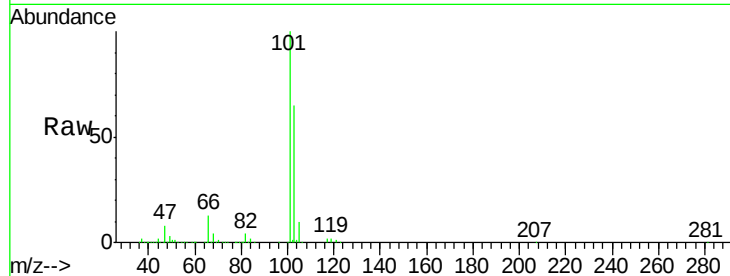


#7

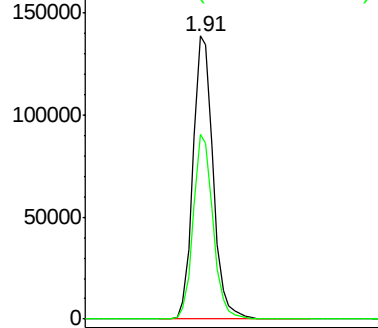
Trichlorofluoromethane
 Concen: 49.662 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

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 VSTDCCC050

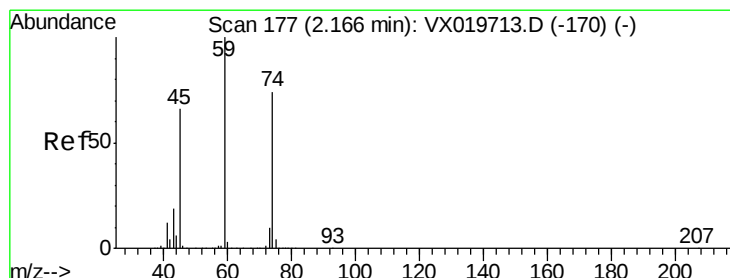
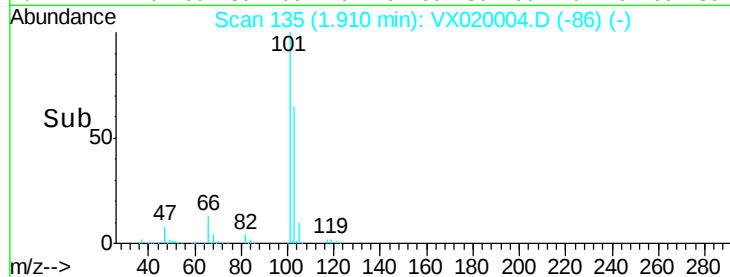
Tgt Ion: 101 Resp: 204514
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



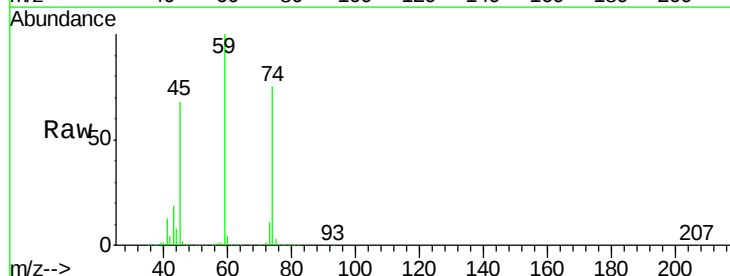
Time--> 1.80 1.90 2.00



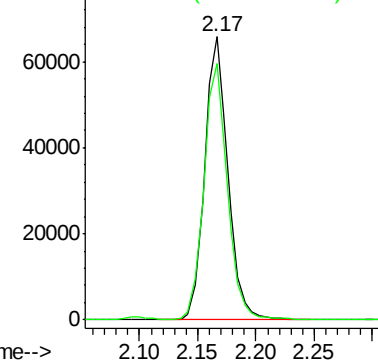
#8

Diethyl Ether
 Concen: 52.299 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

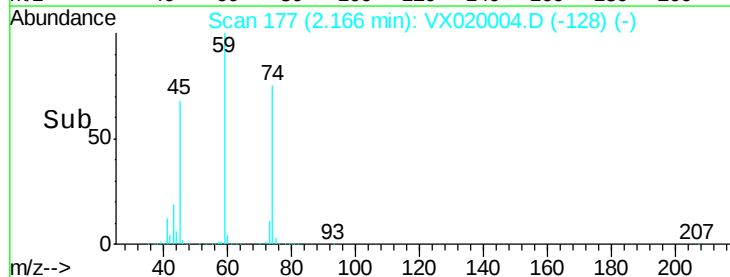
Tgt Ion: 74 Resp: 91269
 Ion Ratio Lower Upper
 74 100
 45 91.1 44.5 133.5

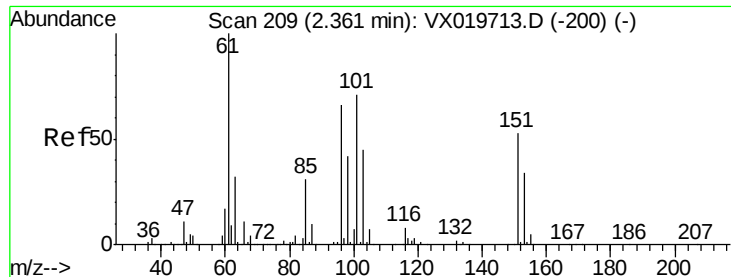


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.15 2.20 2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.142 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

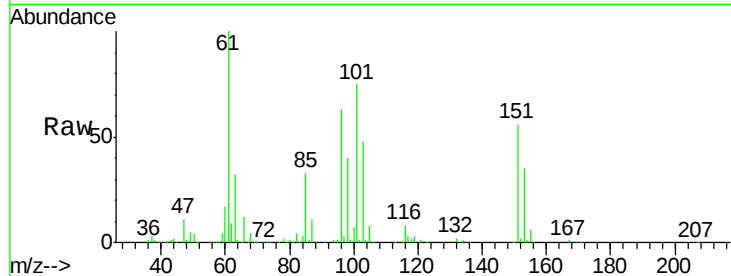
Tgt Ion:101 Resp: 118358

Ion Ratio Lower Upper

101 100

85 44.0 34.9 52.3

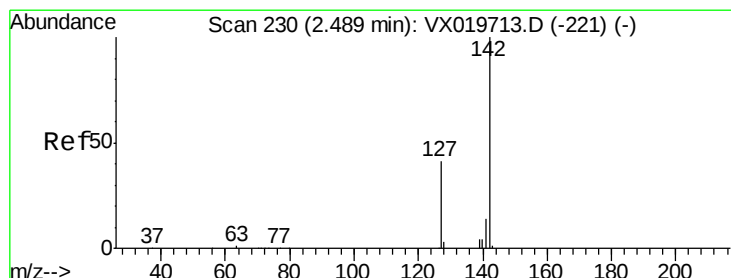
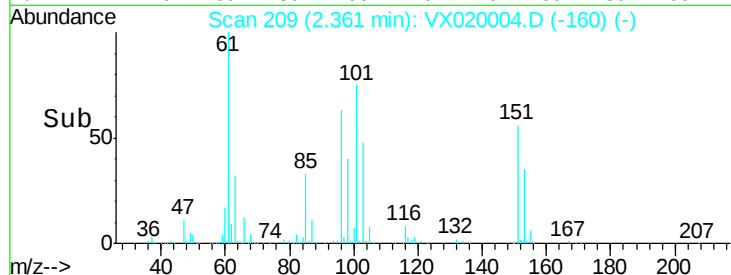
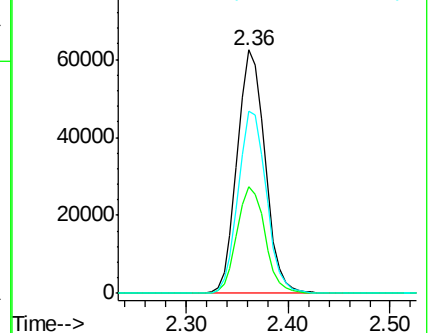
151 75.4 61.4 92.2



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: 38.077 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

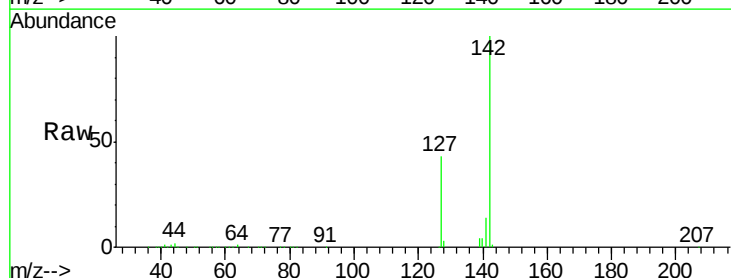
Tgt Ion:142 Resp: 132482

Ion Ratio Lower Upper

142 100

127 42.2 33.3 49.9

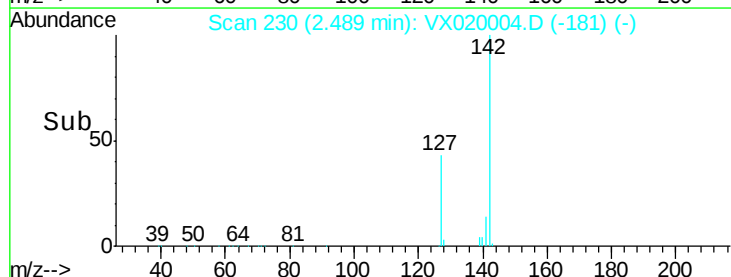
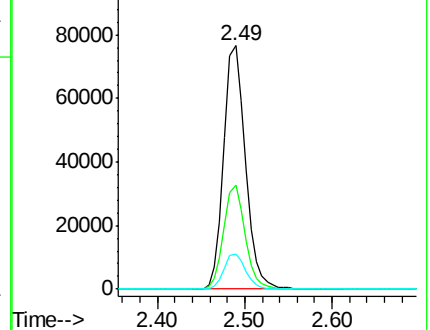
141 14.3 11.4 17.0

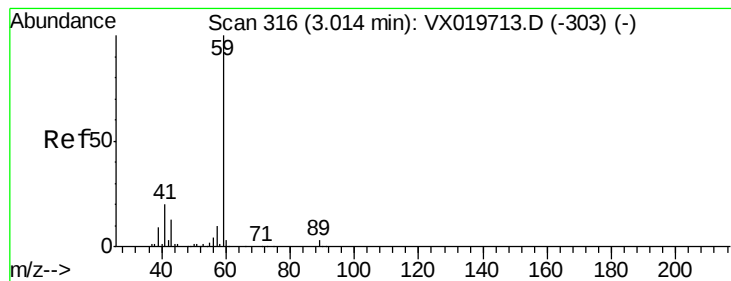


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



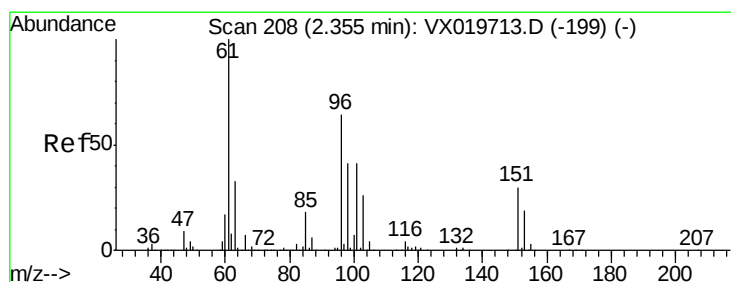
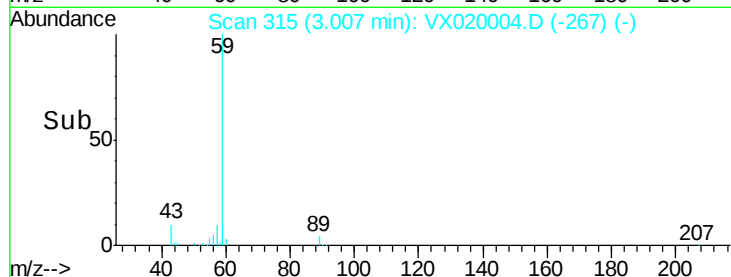
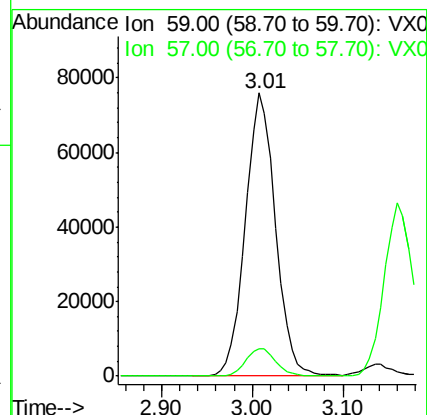
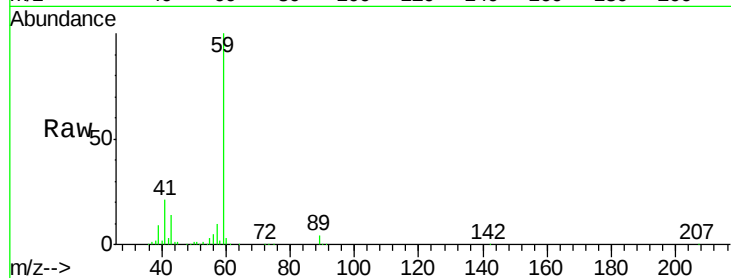


#11

Tert butyl alcohol
 Concen: 248.471 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

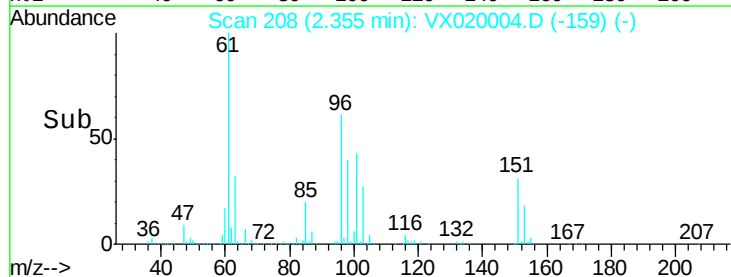
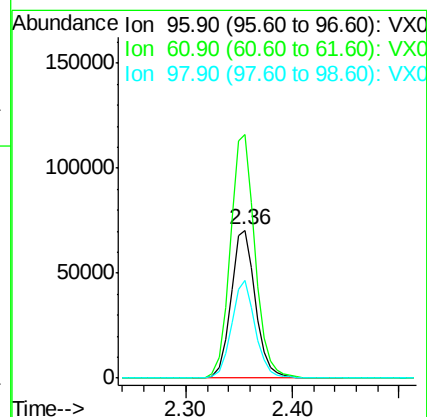
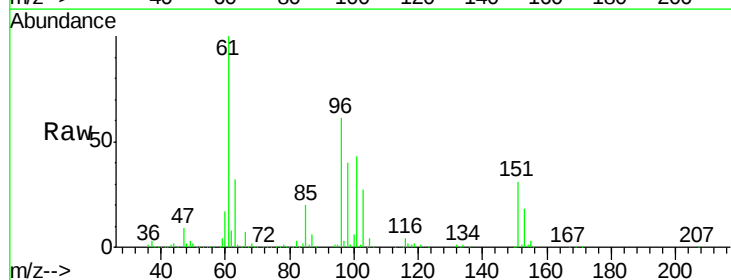
Tgt Ion: 59 Resp: 174875
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

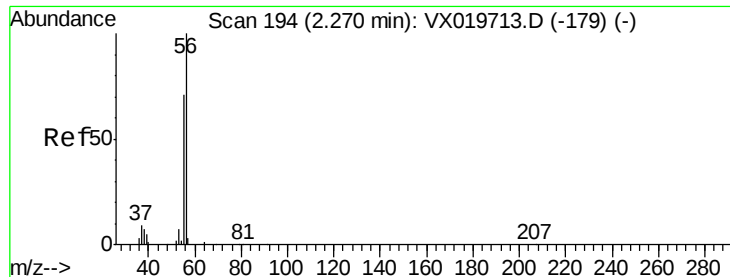


#12

1,1-Dichloroethene
 Concen: 47.464 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion: 96 Resp: 113267
 Ion Ratio Lower Upper
 96 100
 61 164.9 124.6 187.0
 98 66.5 50.6 76.0





#13

Acrolein

Concen: 188.278 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

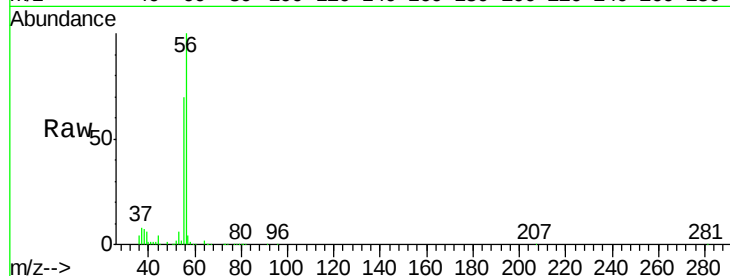
VSTDCCC050

Tgt Ion: 56 Resp: 71142

Ion Ratio Lower Upper

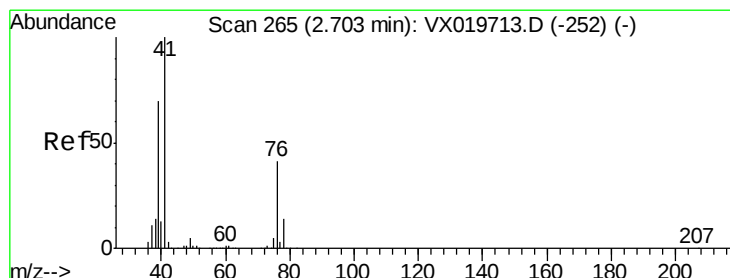
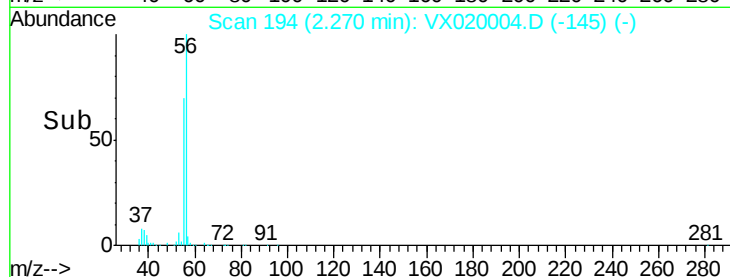
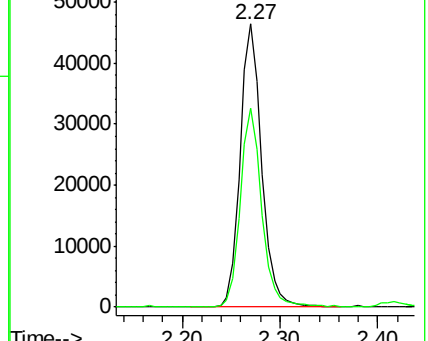
56 100

55 69.1 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.441 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

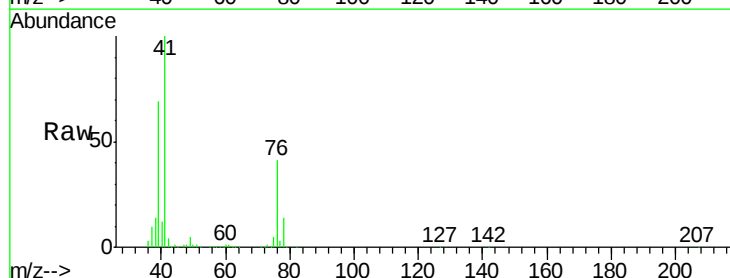
Tgt Ion: 41 Resp: 207327

Ion Ratio Lower Upper

41 100

39 61.4 51.6 77.4

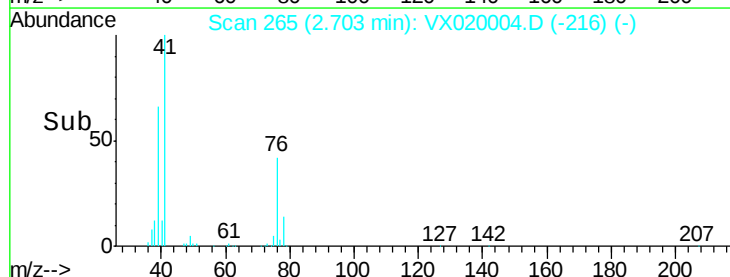
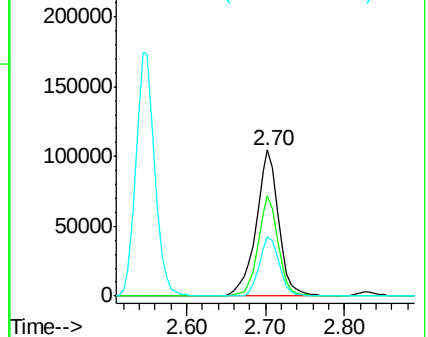
76 36.1 30.5 45.7

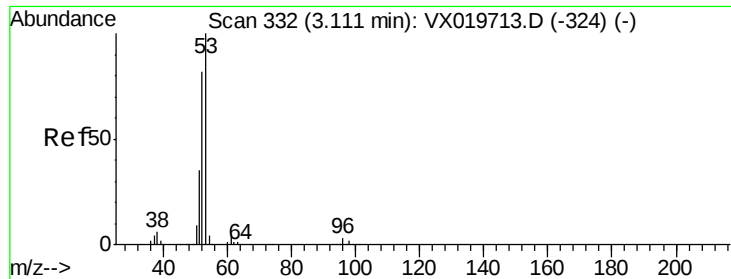


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 279.497 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

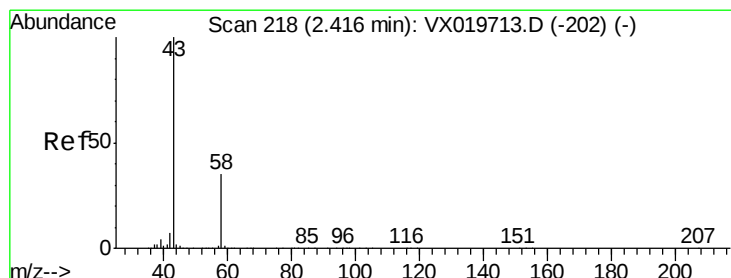
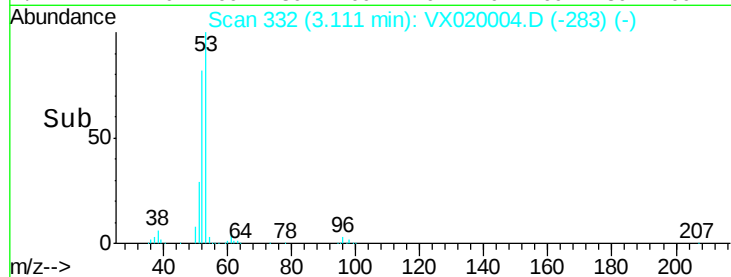
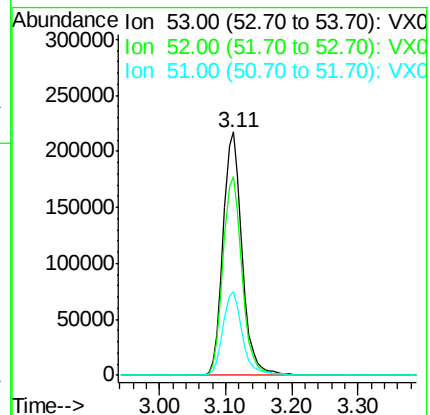
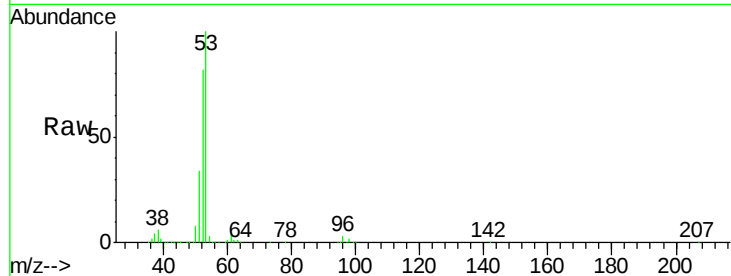
Tgt Ion: 53 Resp: 432533

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 260.166 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020004.D

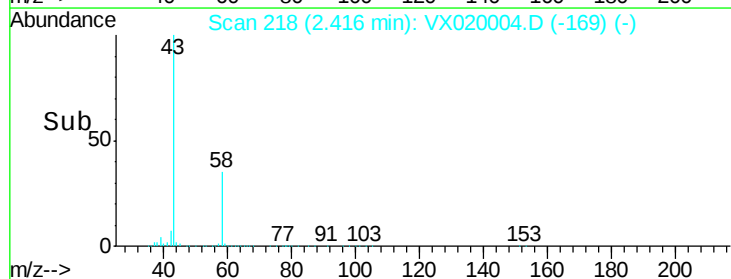
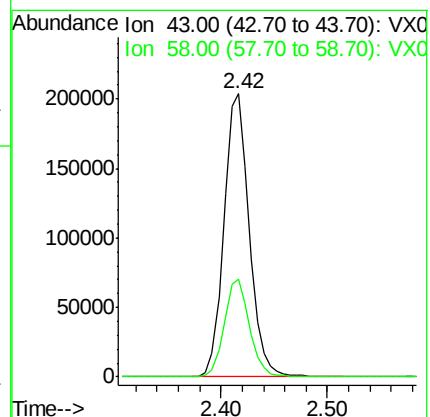
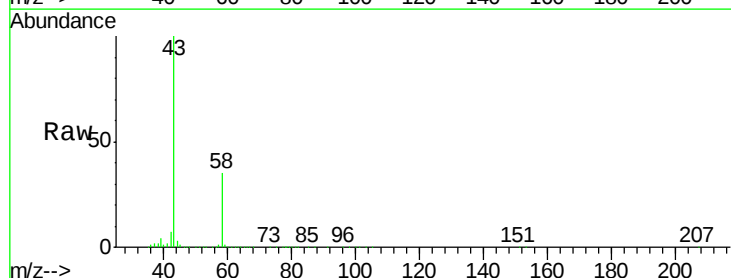
Acq: 15 Dec 2020 12:00

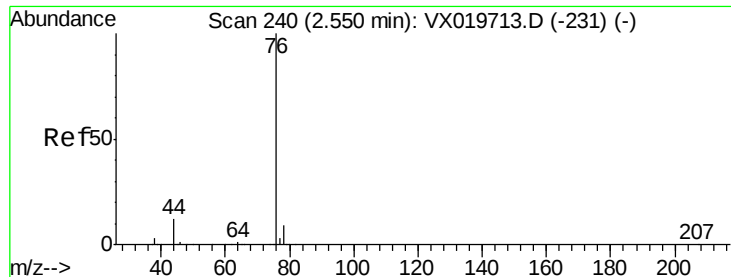
Tgt Ion: 43 Resp: 334755

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8





#17

Carbon Disulfide

Concen: 42.296 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

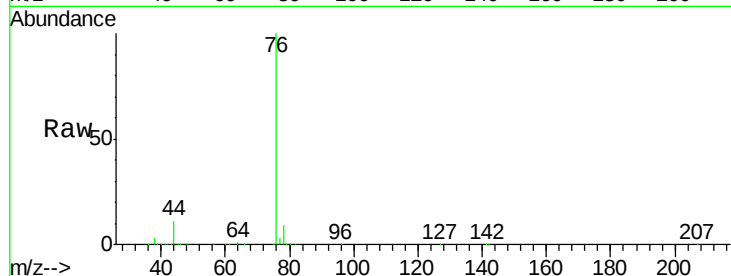
VSTDCCC050

Tgt Ion: 76 Resp: 289611

Ion Ratio Lower Upper

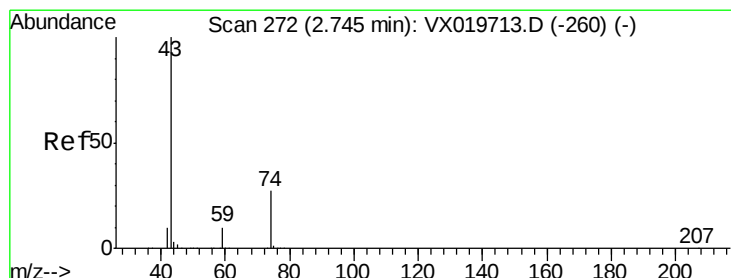
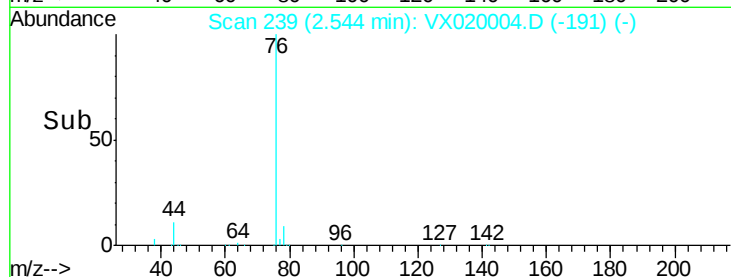
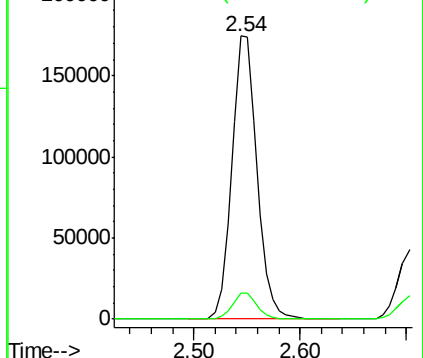
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 60.251 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020004.D

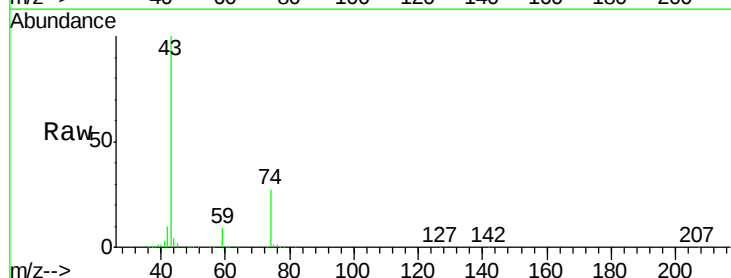
Acq: 15 Dec 2020 12:00

Tgt Ion: 43 Resp: 189712

Ion Ratio Lower Upper

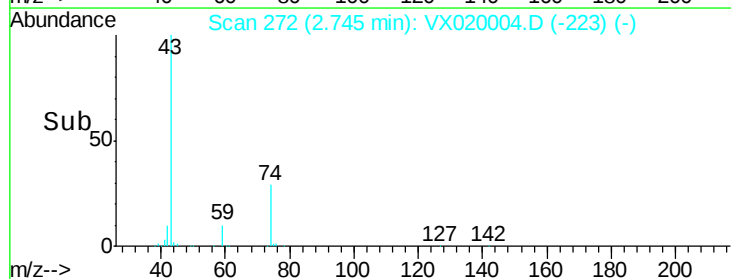
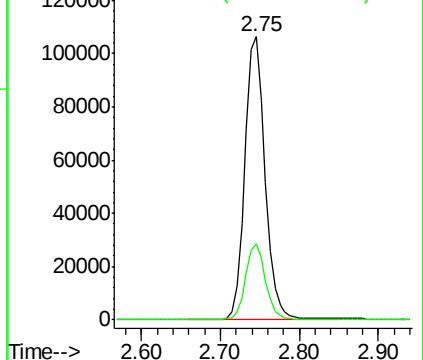
43 100

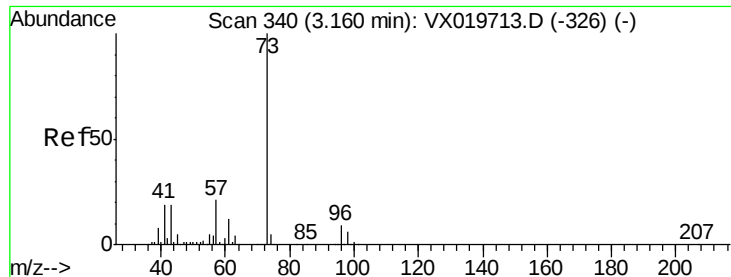
74 26.8 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

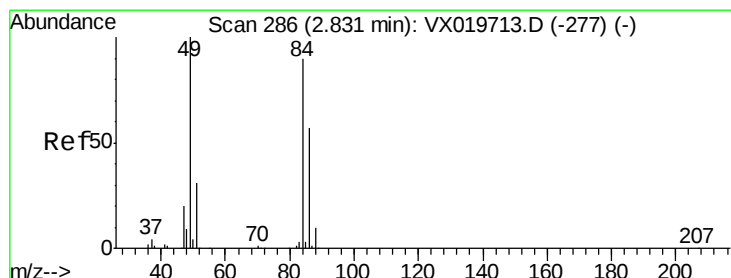
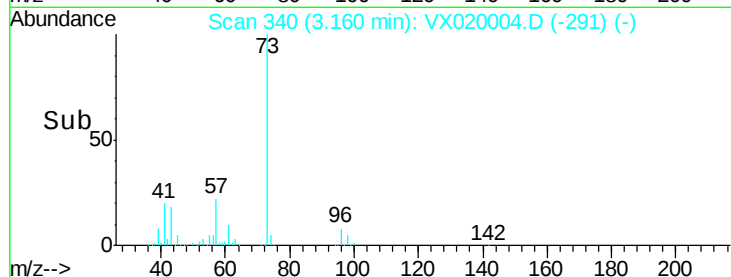
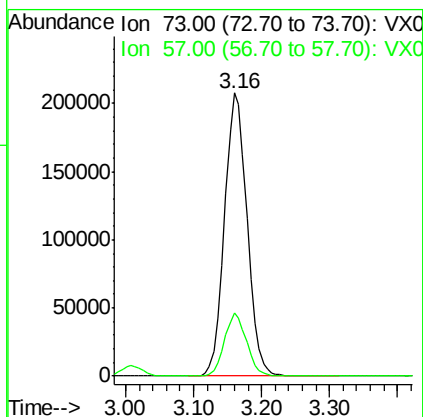
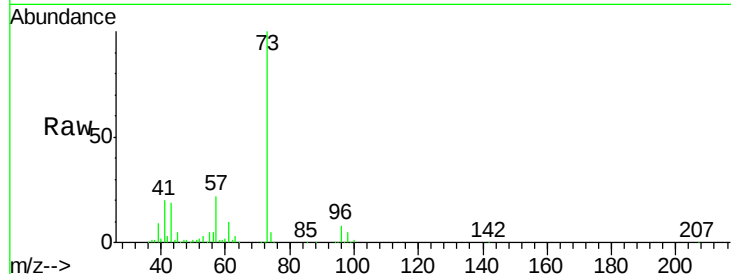




#19
Methyl tert-butyl Ether
Concen: 54.836 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

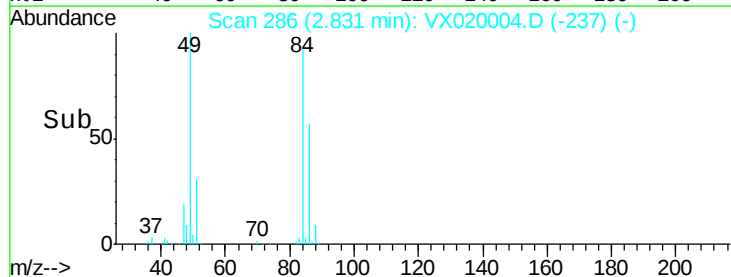
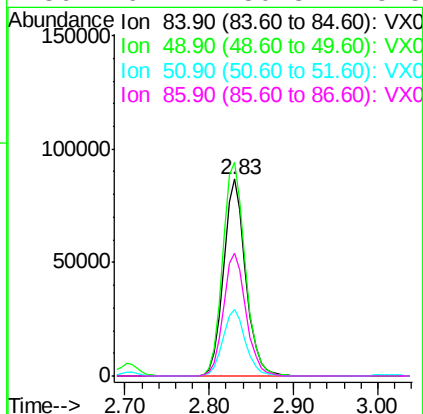
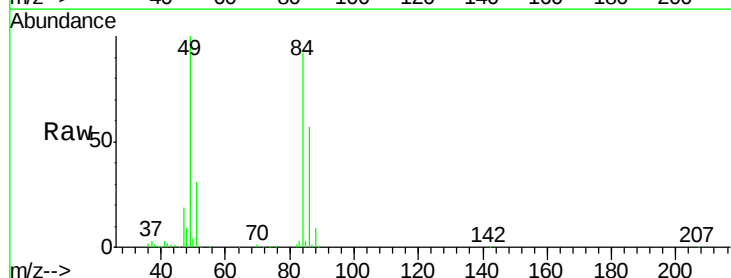
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

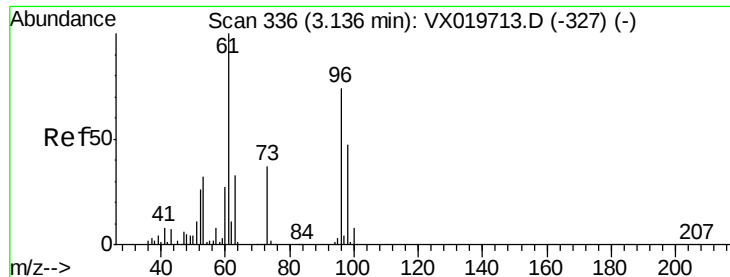
Tgt Ion: 73 Resp: 476571
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7



#20
Methylene Chloride
Concen: 53.016 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 84 Resp: 155481
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 33.7 27.0 40.6
86 62.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 49.200 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

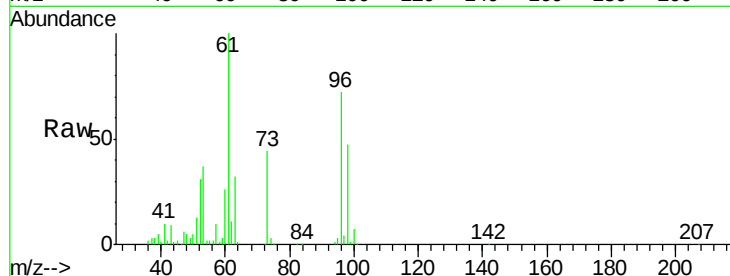
Tgt Ion: 96 Resp: 136883

Ion Ratio Lower Upper

96 100

61 138.0 107.7 161.5

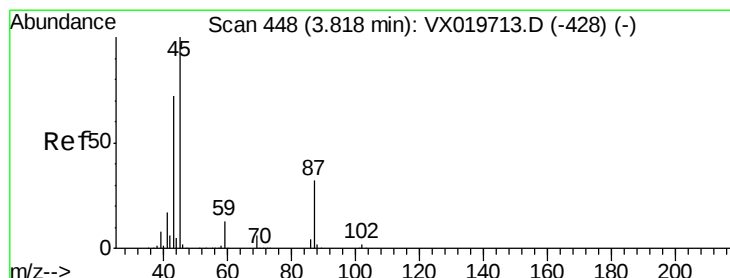
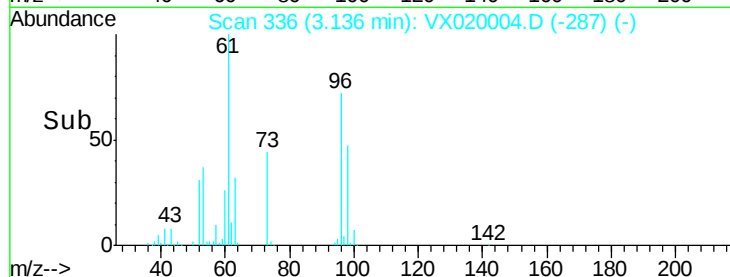
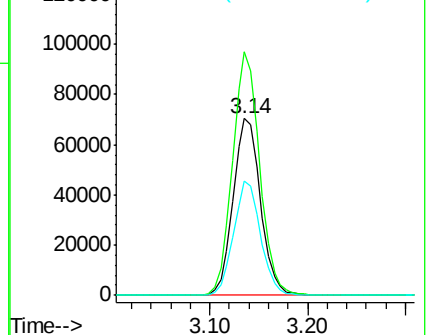
98 64.8 50.4 75.6



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: 55.846 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Tgt Ion: 45 Resp: 455080

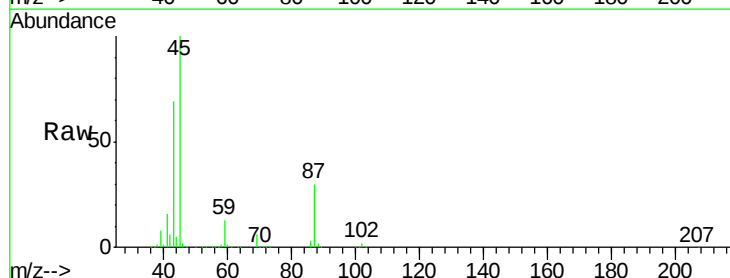
Ion Ratio Lower Upper

45 100

43 68.8 58.0 87.0

87 29.8 25.4 38.0

59 12.6 10.2 15.2

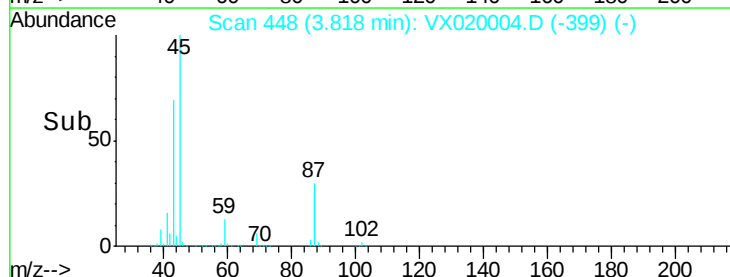
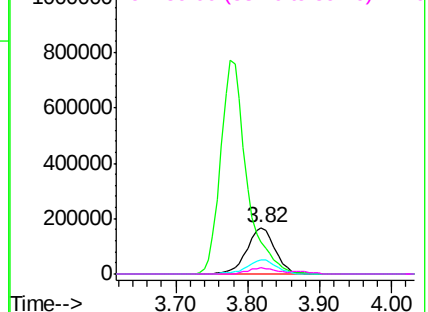


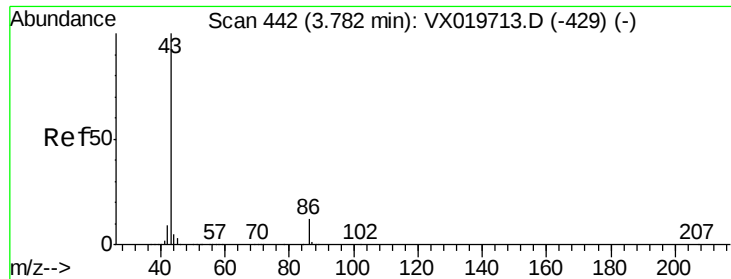
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 280.037 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

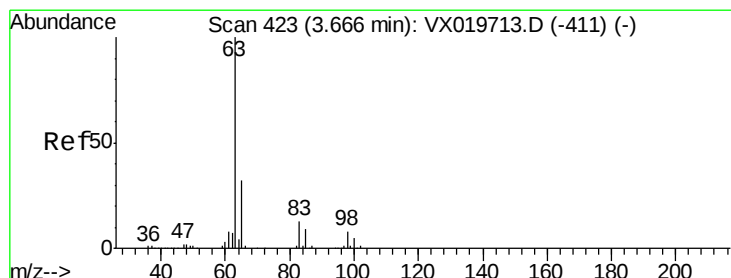
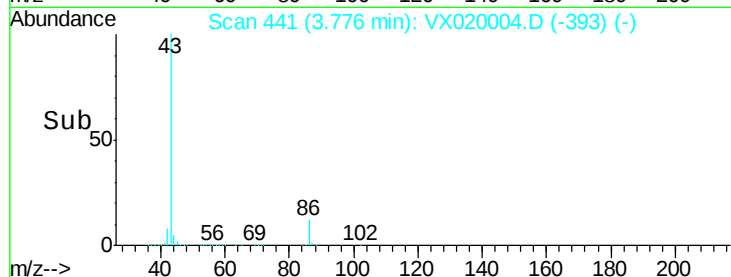
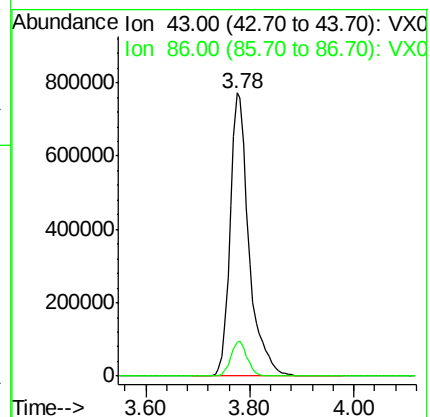
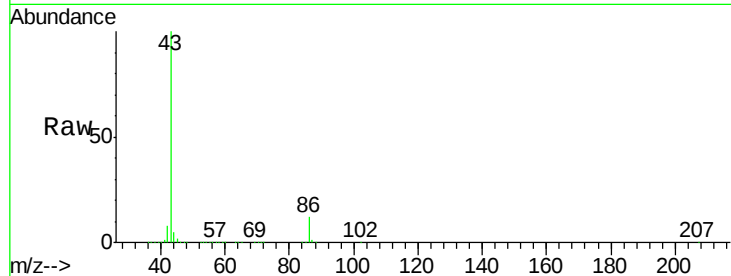
VSTDCCC050

Tgt Ion: 43 Resp: 1944143

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9



#24

1,1-Dichloroethane

Concen: 52.362 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

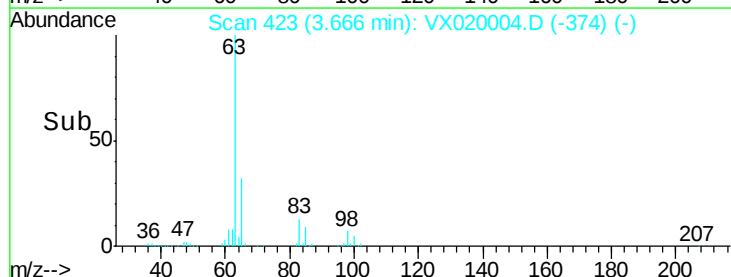
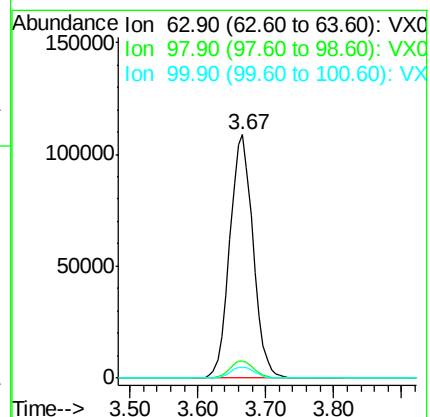
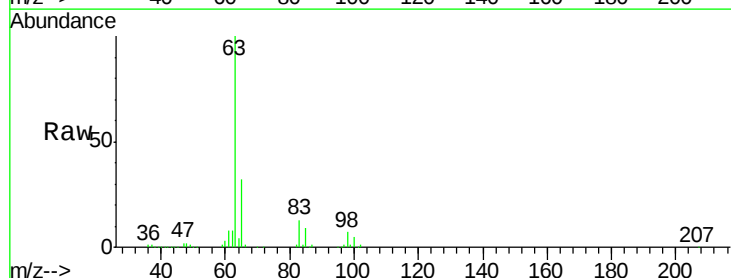
Tgt Ion: 63 Resp: 257307

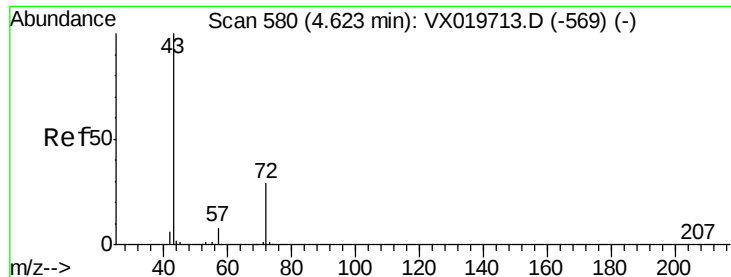
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 274.591 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

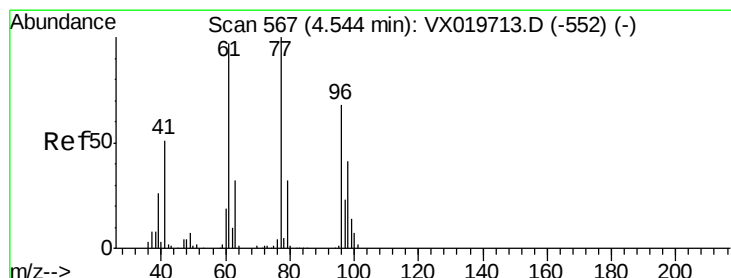
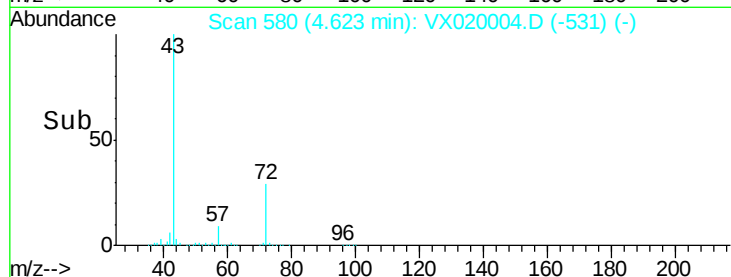
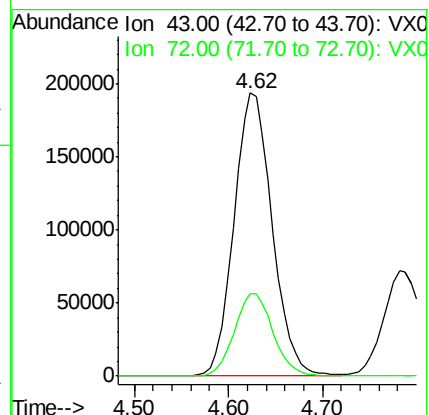
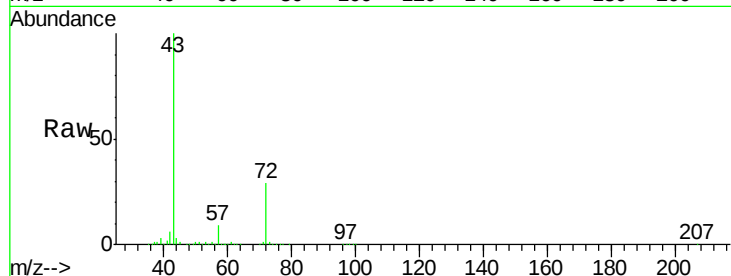
VSTDCCC050

Tgt Ion: 43 Resp: 542905

Ion Ratio Lower Upper

43 100

72 28.8 23.7 35.5



#26

2,2-Dichloropropane

Concen: 48.464 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX020004.D

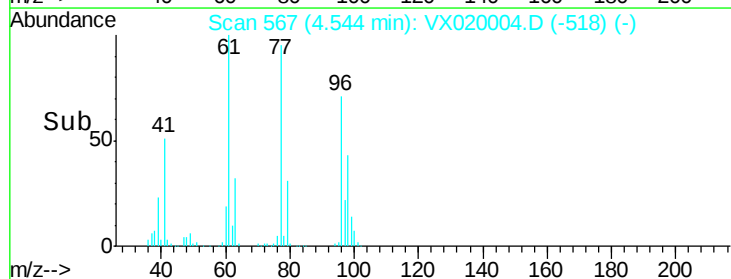
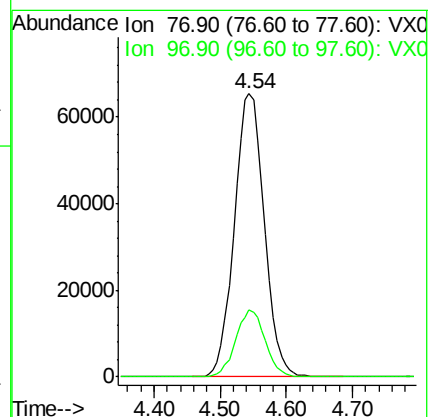
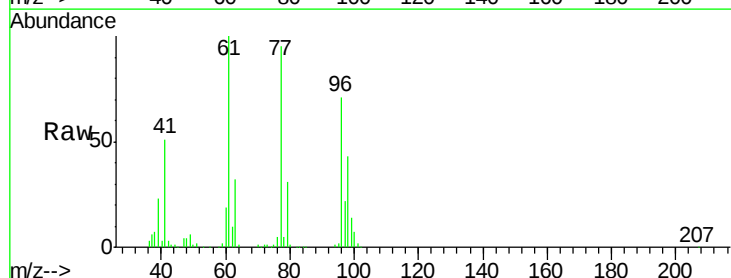
Acq: 15 Dec 2020 12:00

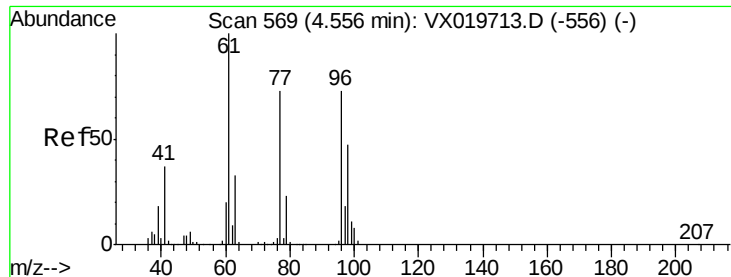
Tgt Ion: 77 Resp: 205087

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1



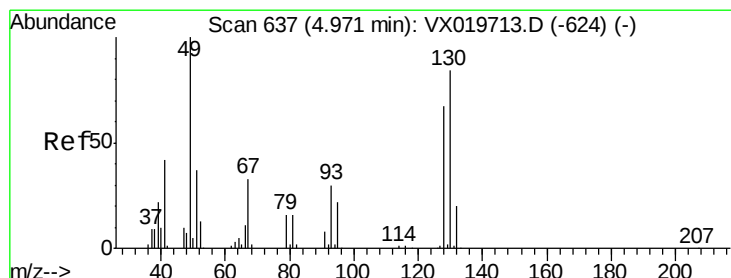
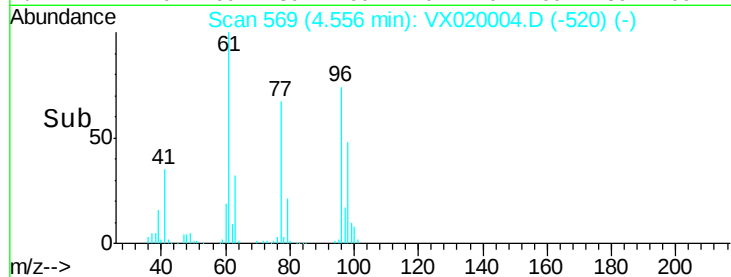
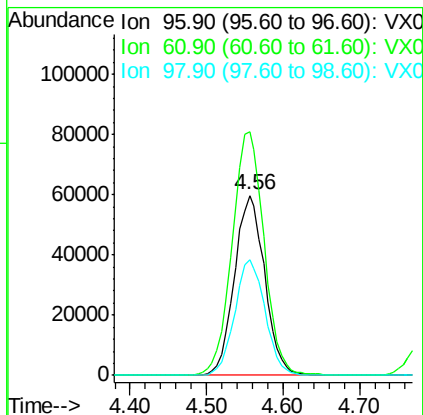
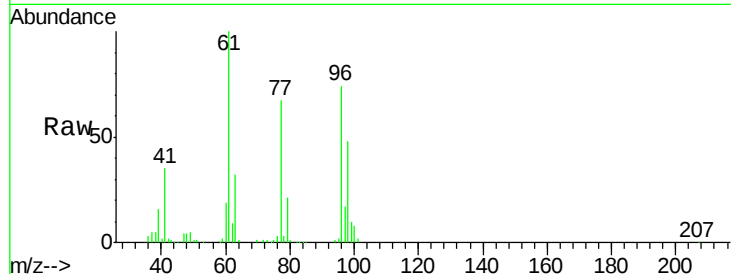


#27

cis-1,2-Dichloroethene
Concen: 50.396 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

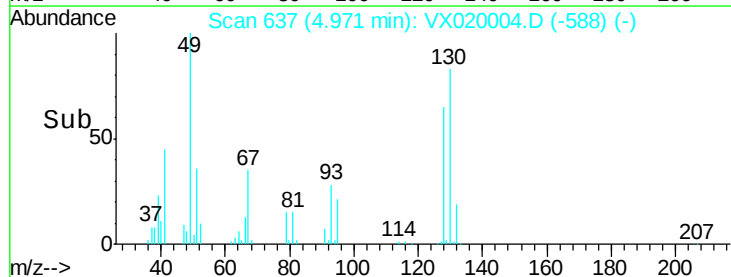
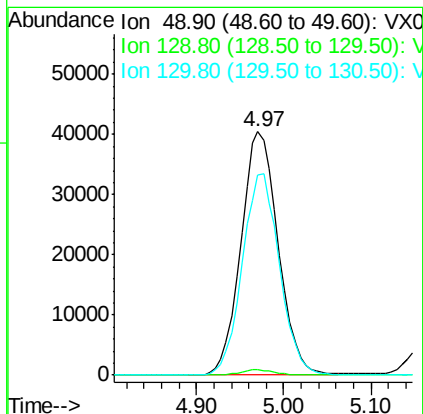
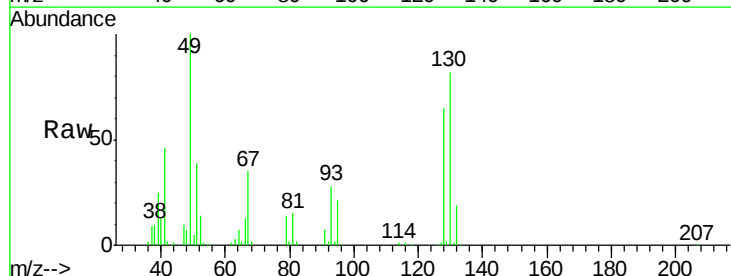
Tgt Ion: 96 Resp: 164084
Ion Ratio Lower Upper
96 100
61 142.7 0.0 285.6
98 64.9 0.0 129.6

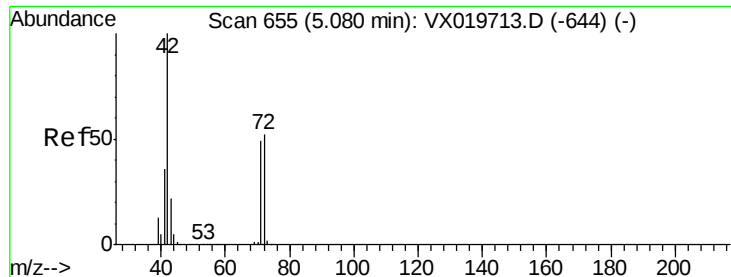


#28

Bromochloromethane
Concen: 51.010 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 49 Resp: 119493
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 82.8 68.2 102.2

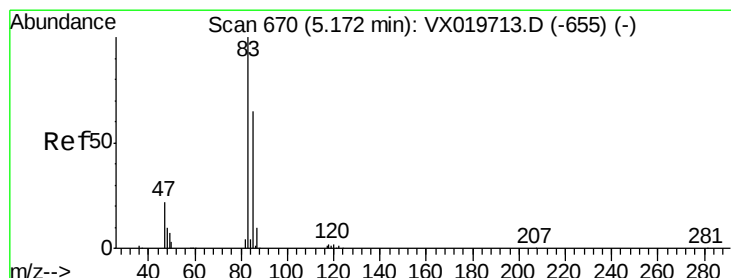
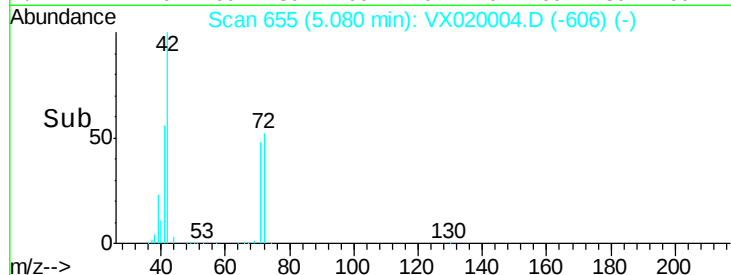
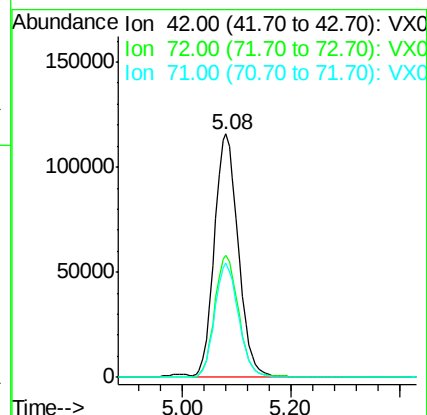
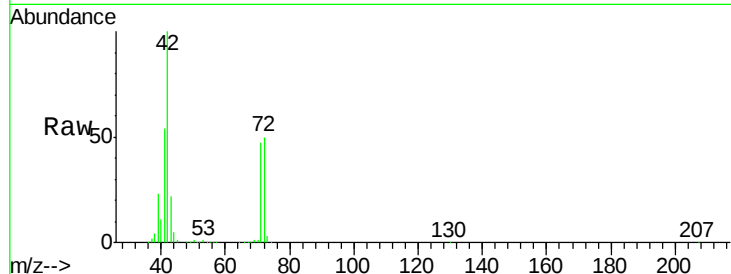




#29
Tetrahydrofuran
Concen: 275.632 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

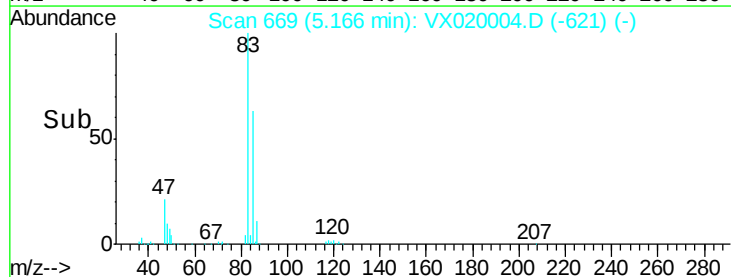
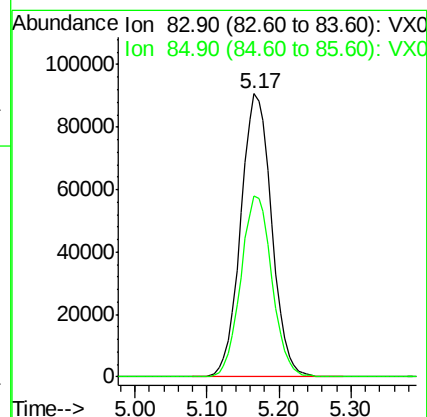
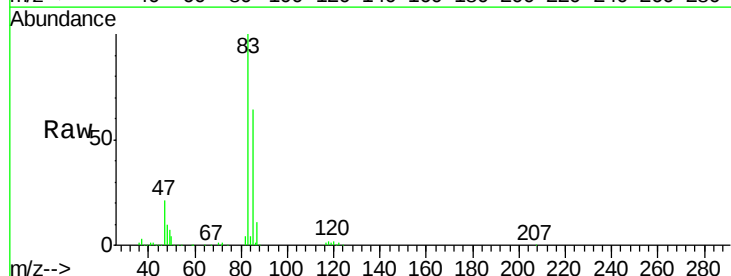
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

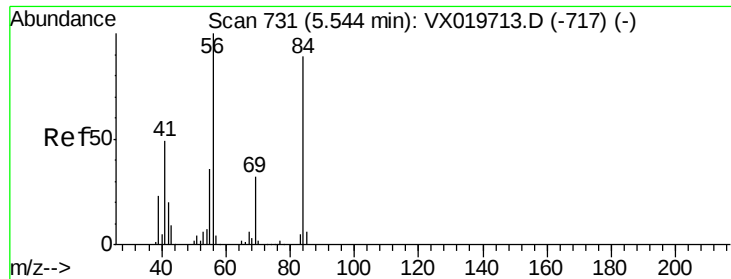
Tgt Ion: 42 Resp: 351113
Ion Ratio Lower Upper
42 100
72 50.8 41.7 62.5
71 46.8 38.4 57.6



#30
Chloroform
Concen: 53.503 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 83 Resp: 270337
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0

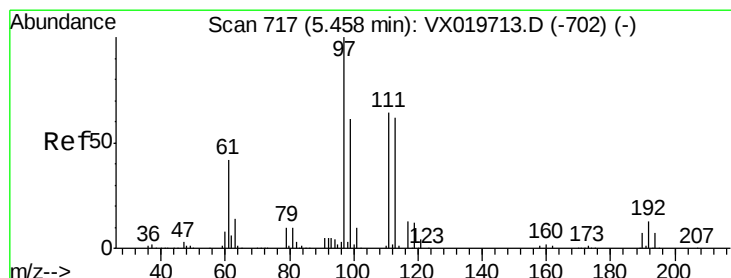
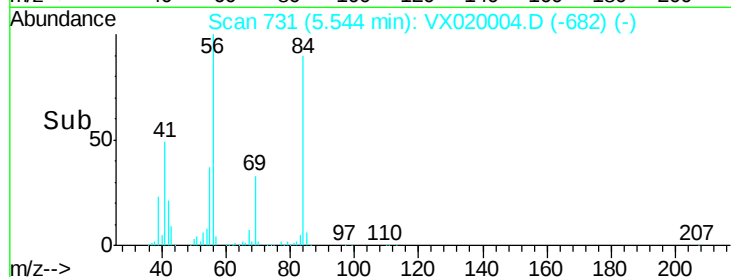
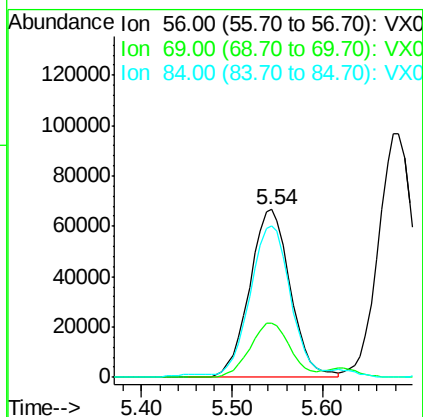
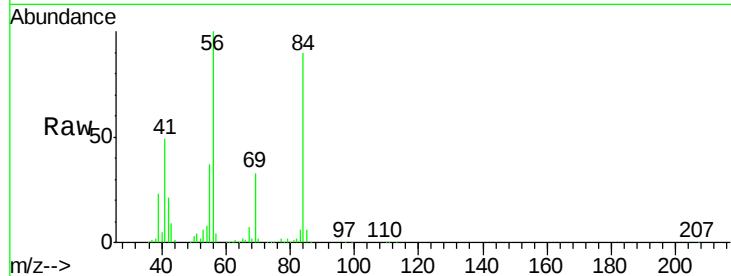




#31
Cyclohexane
Concen: 48.637 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

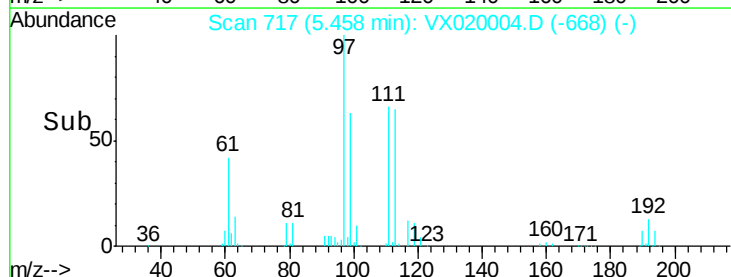
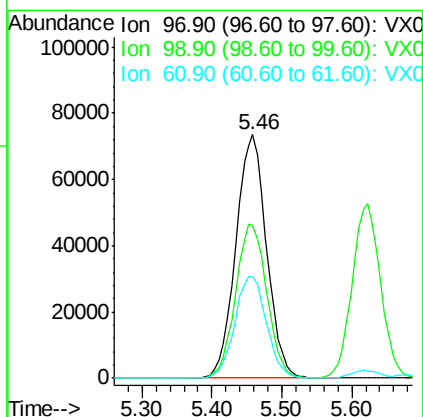
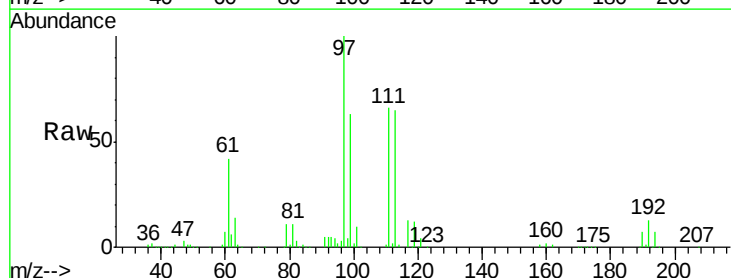
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

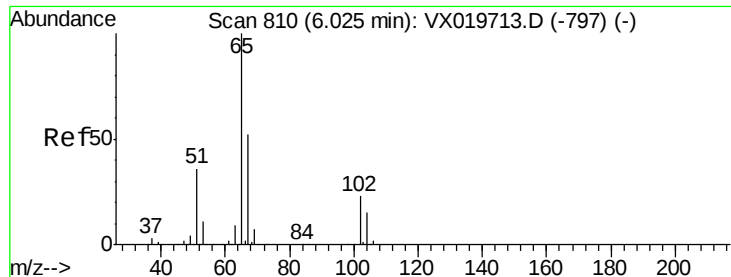
Tgt Ion: 56 Resp: 207107
Ion Ratio Lower Upper
56 100
69 32.5 25.3 37.9
84 88.7 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 51.302 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 97 Resp: 223229
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 43.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

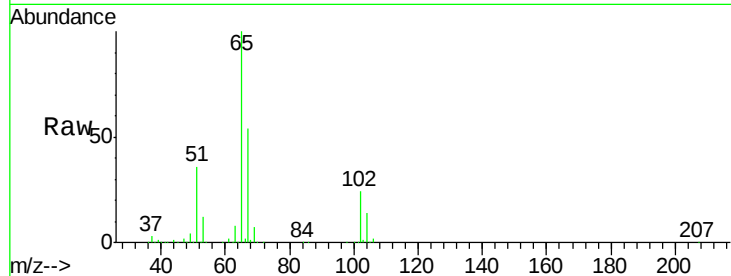
VSTDCCC050

Tgt Ion: 65 Resp: 165857

Ion Ratio Lower Upper

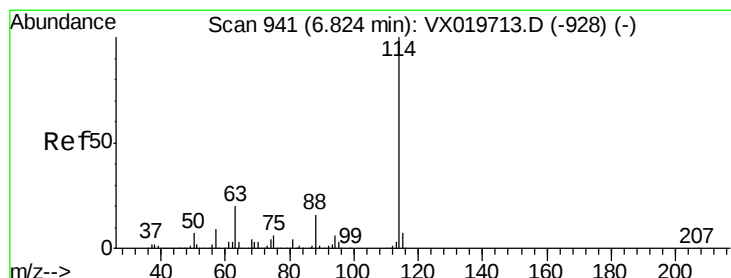
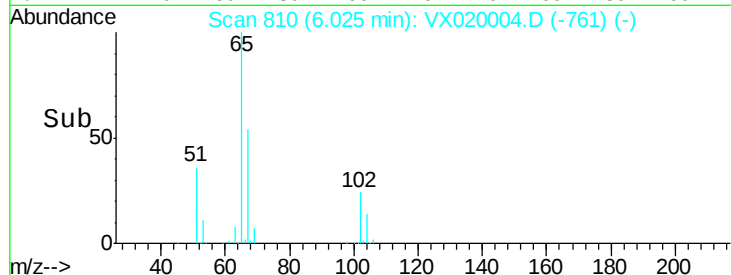
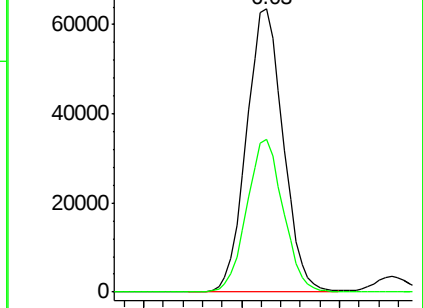
65 100

67 53.6 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: VX020004.D

Acq: 15 Dec 2020 12:00

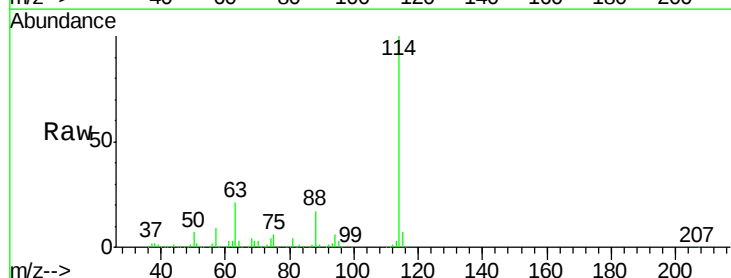
Tgt Ion: 114 Resp: 415703

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

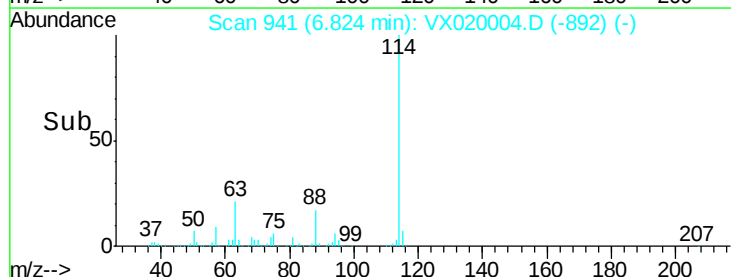
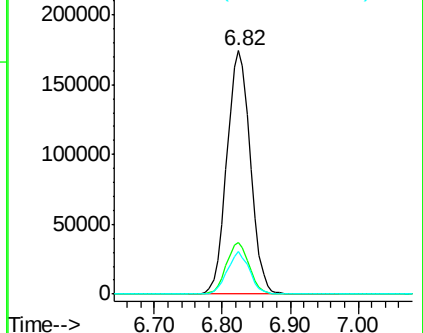
88 17.4 0.0 32.8

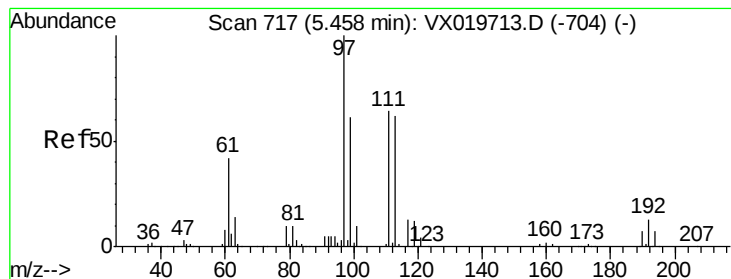


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.241 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

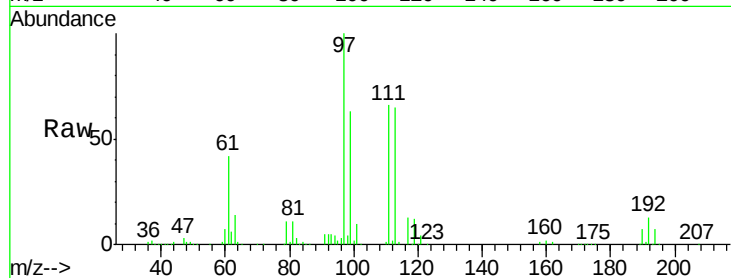
Tgt Ion:113 Resp: 134978

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

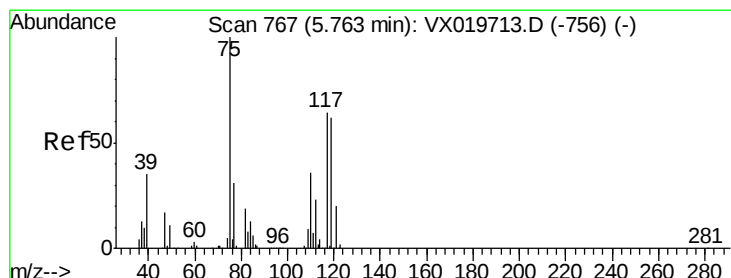
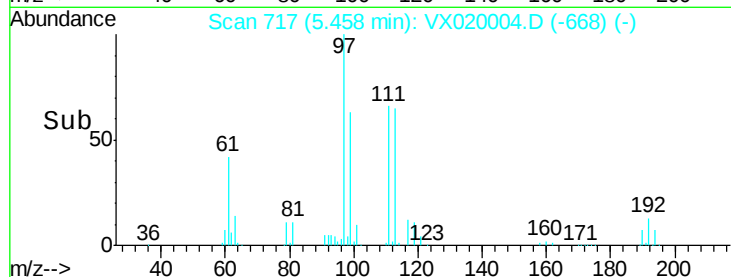
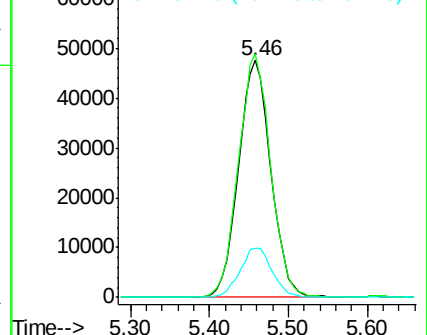
192 20.9 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.171 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

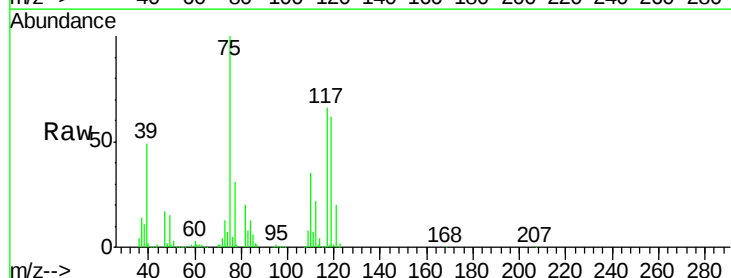
Tgt Ion: 75 Resp: 188463

Ion Ratio Lower Upper

75 100

110 35.3 18.1 54.4

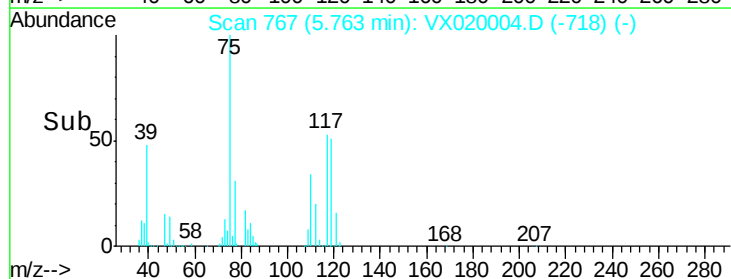
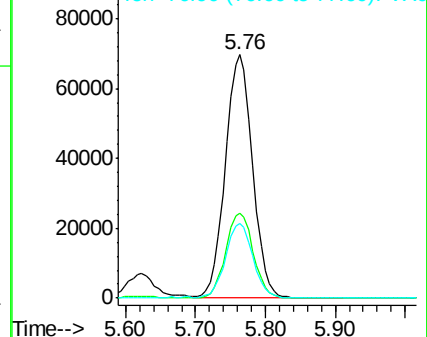
77 30.7 25.3 37.9

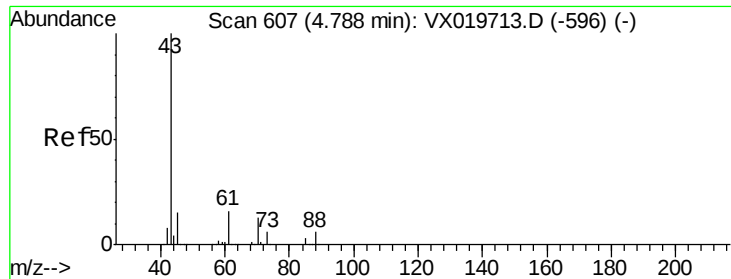


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

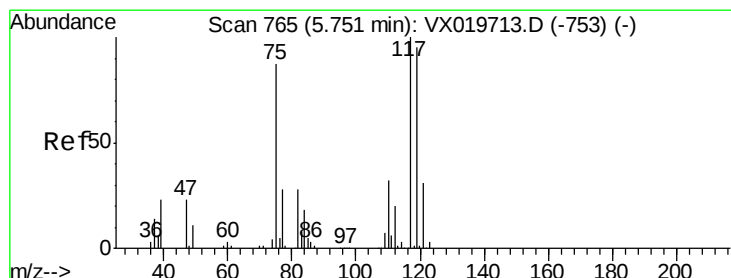
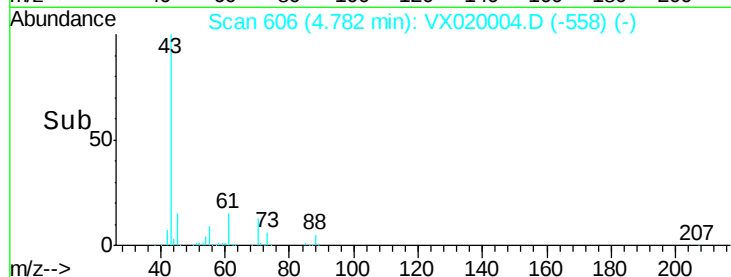
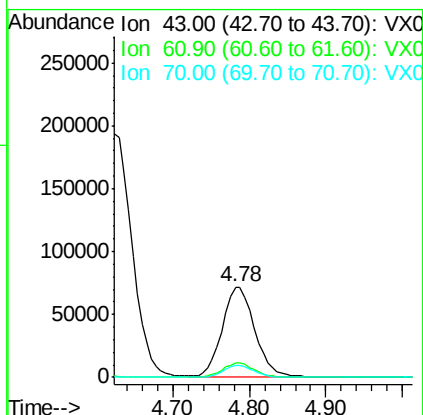
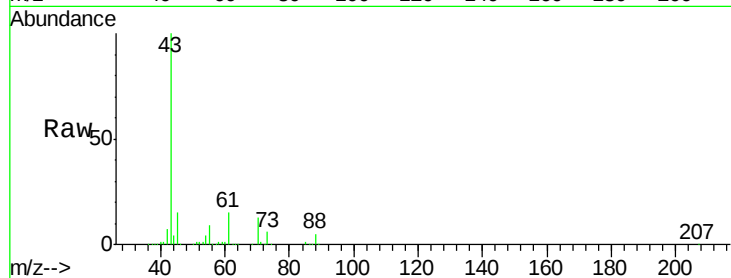




#37
 Ethyl Acetate
 Concen: 55.230 ug/l
 RT: 4.78 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

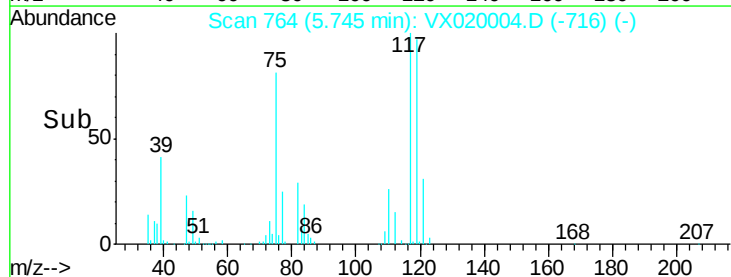
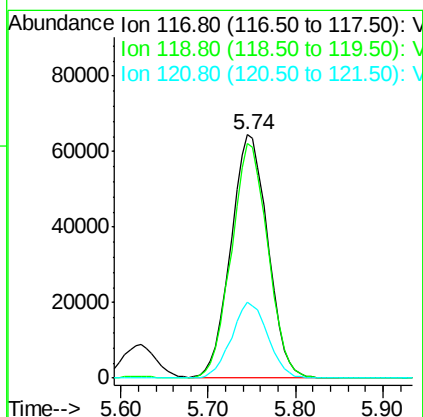
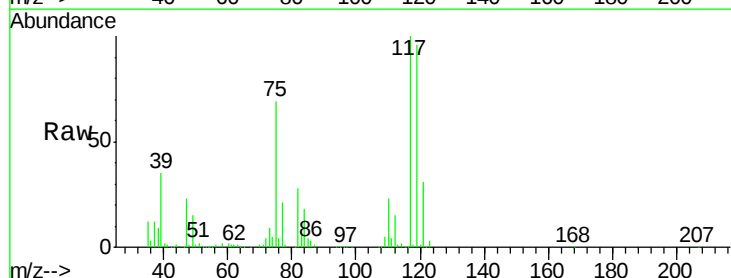
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

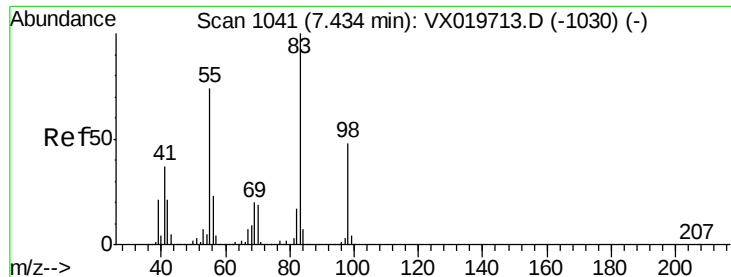
Tgt Ion: 43 Resp: 209473
 Ion Ratio Lower Upper
 43 100
 61 15.7 12.8 19.2
 70 12.8 10.5 15.7



#38
 Carbon Tetrachloride
 Concen: 51.386 ug/l
 RT: 5.74 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion: 117 Resp: 189022
 Ion Ratio Lower Upper
 117 100
 119 96.3 76.2 114.2
 121 31.2 24.8 37.2

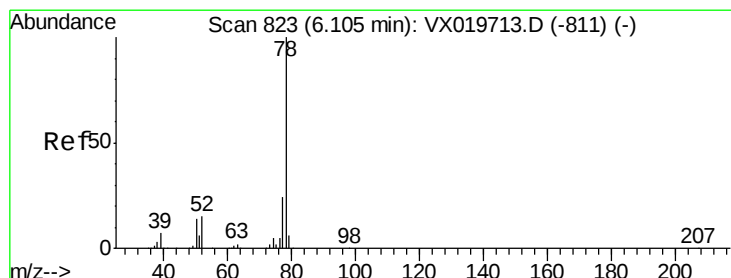
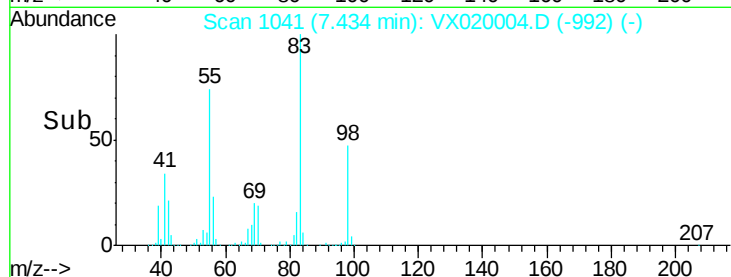
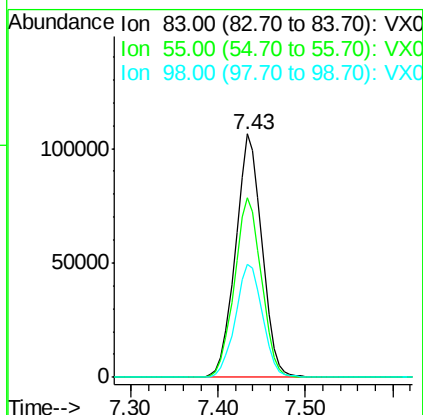
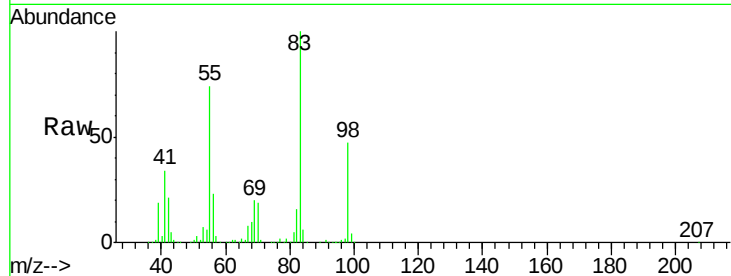




#39
Methylcyclohexane
Concen: 50.443 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

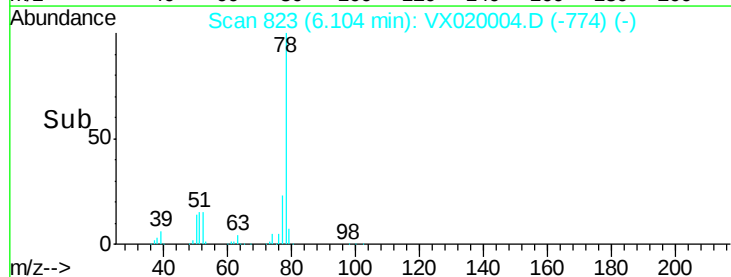
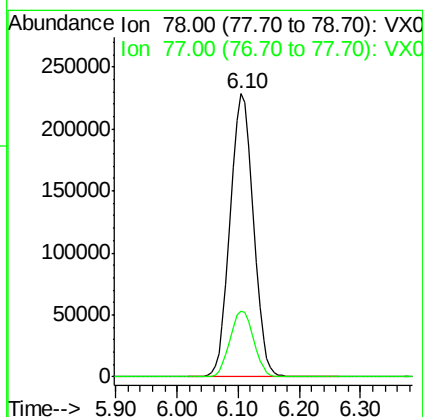
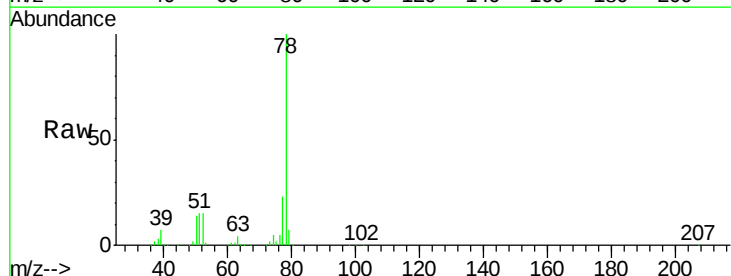
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

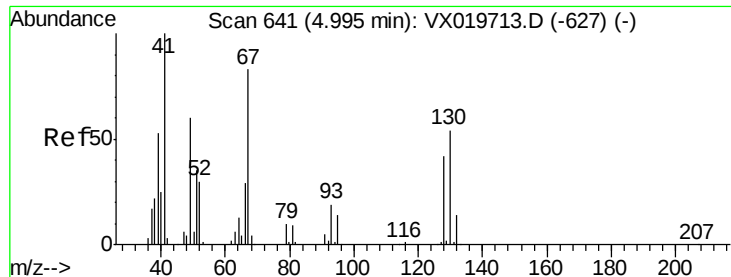
Tgt Ion: 83 Resp: 222623
Ion Ratio Lower Upper
83 100
55 73.7 58.9 88.3
98 46.5 38.1 57.1



#40
Benzene
Concen: 51.932 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 78 Resp: 595911
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41

Methacrylonitrile

Concen: 56.602 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 117867

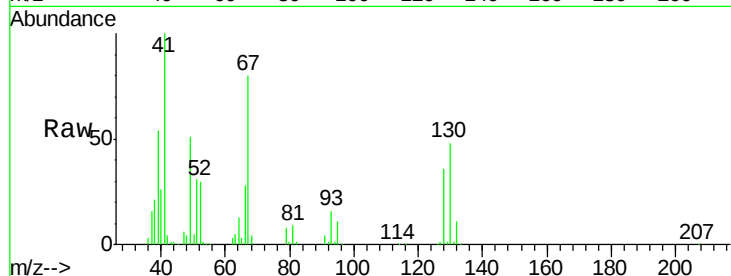
Ion Ratio Lower Upper

41 100

39 52.8 42.5 63.7

67 80.5 65.0 97.6

52 31.1 25.3 37.9

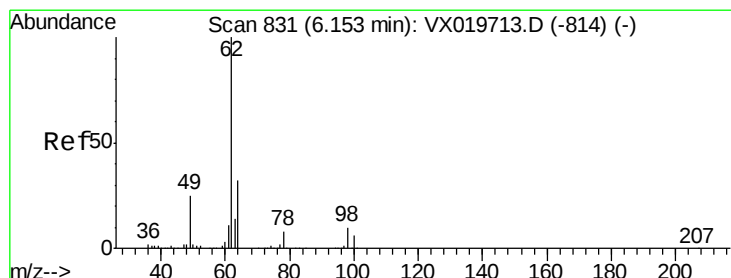
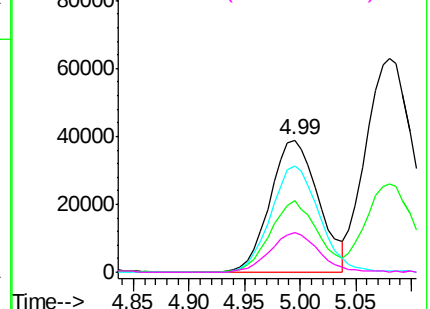
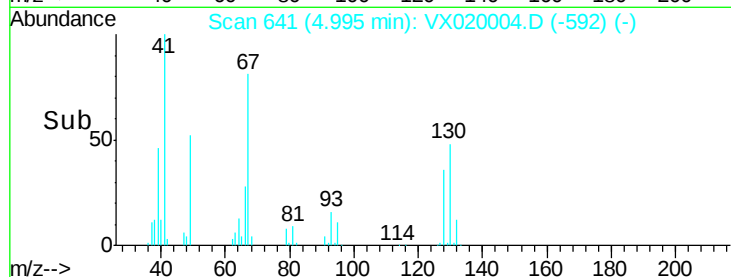


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.241 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.00 min

Lab File: VX020004.D

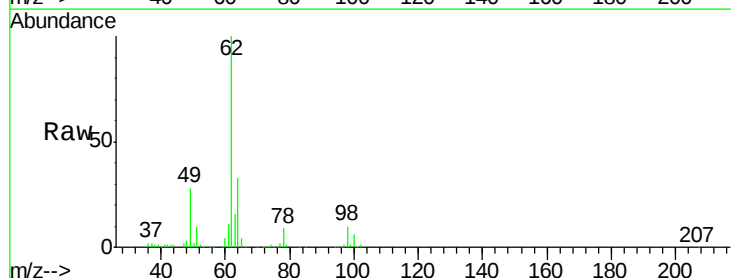
Acq: 15 Dec 2020 12:00

Tgt Ion: 62 Resp: 212655

Ion Ratio Lower Upper

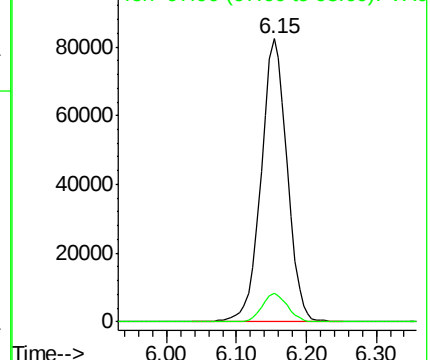
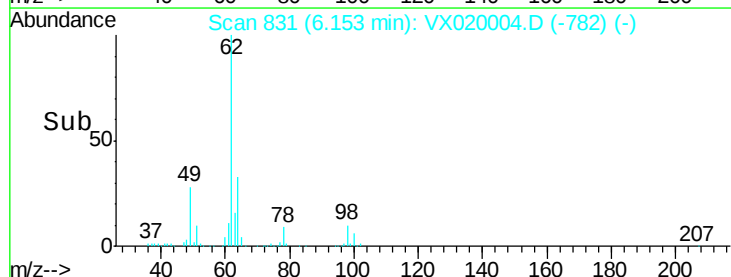
62 100

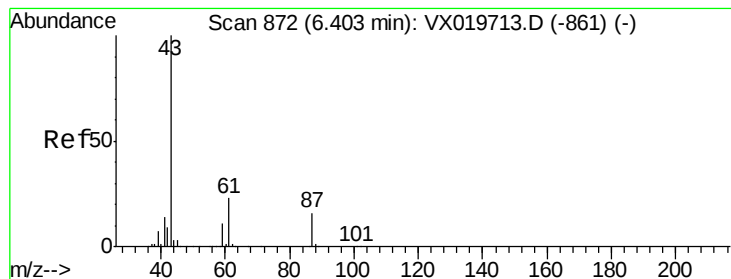
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.623 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

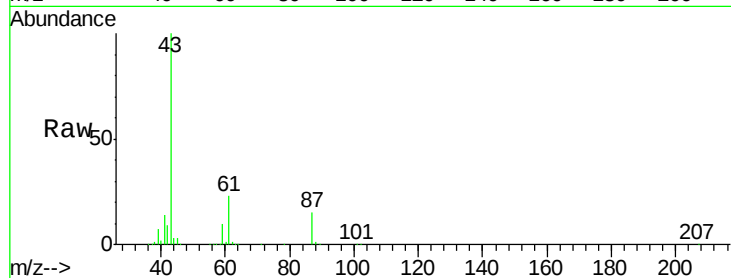
Tgt Ion: 43 Resp: 336817

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

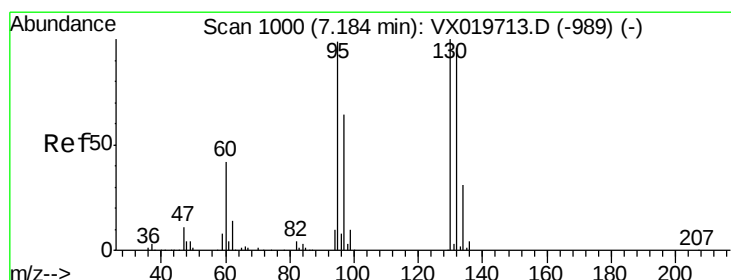
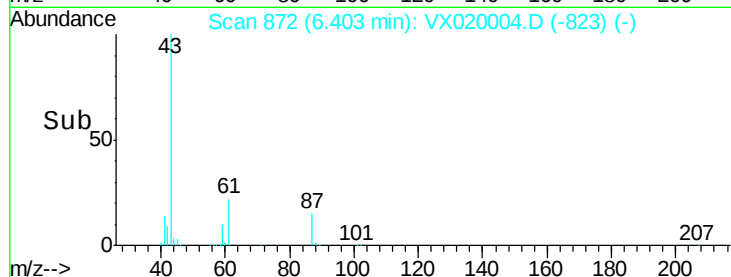
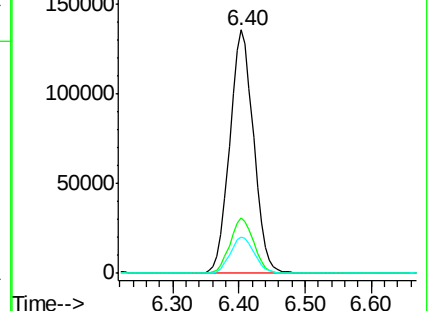
87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.400 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX020004.D

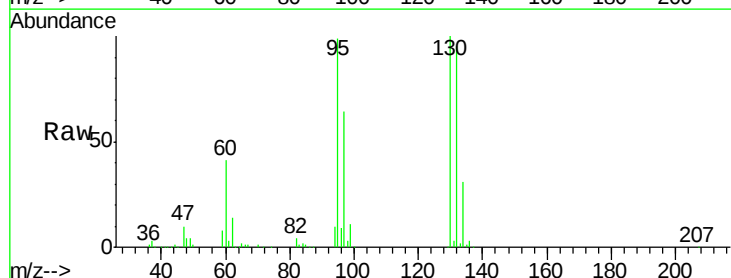
Acq: 15 Dec 2020 12:00

Tgt Ion: 130 Resp: 151741

Ion Ratio Lower Upper

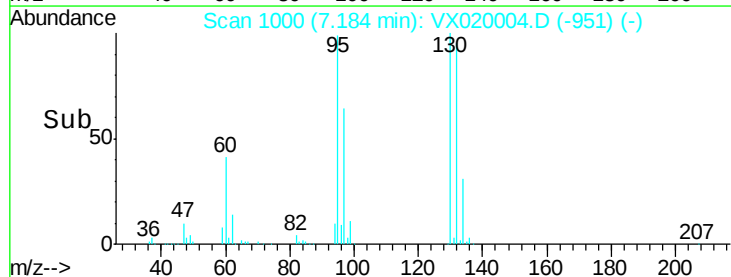
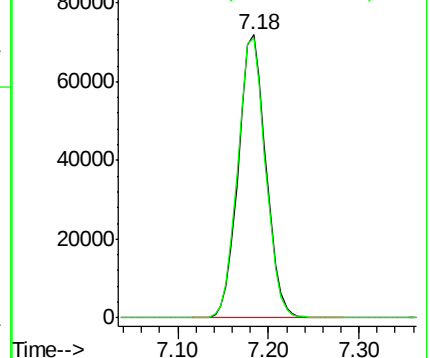
130 100

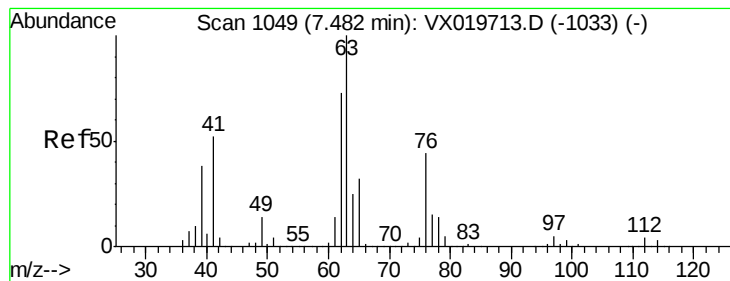
95 98.6 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.508 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

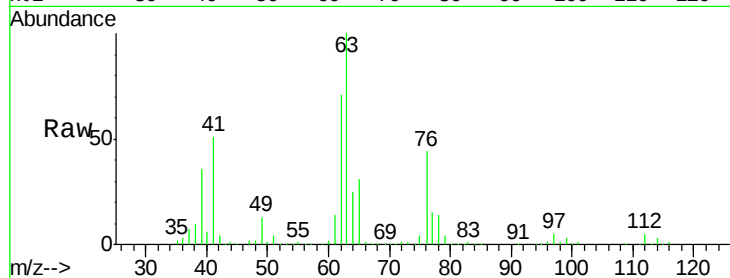
VSTDCCC050

Tgt Ion: 63 Resp: 156323

Ion Ratio Lower Upper

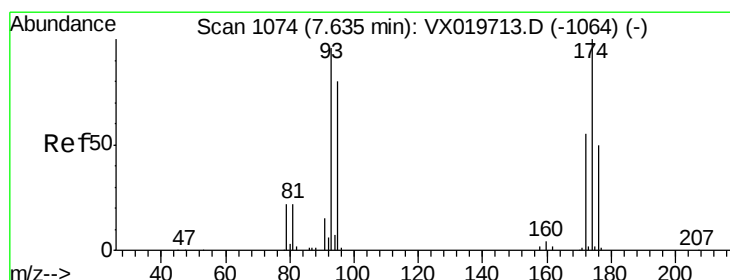
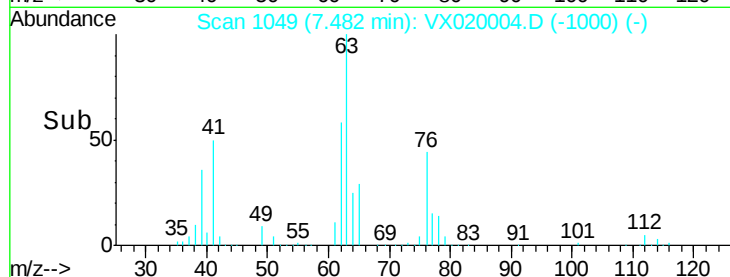
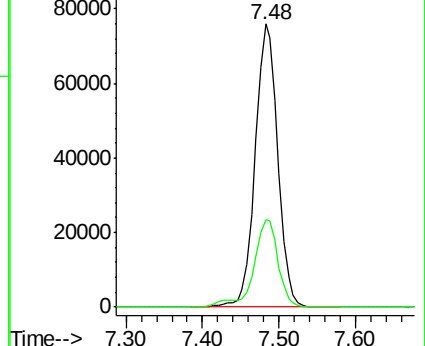
63 100

65 30.9 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: 54.074 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

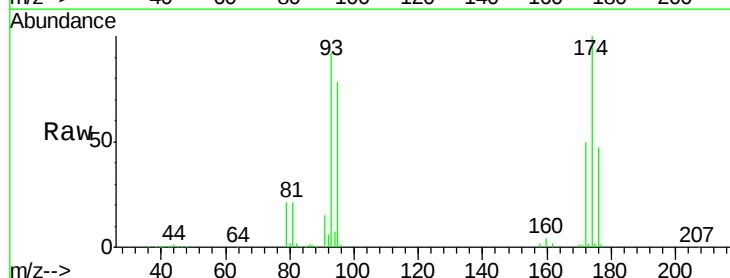
Tgt Ion: 93 Resp: 104725

Ion Ratio Lower Upper

93 100

95 84.2 66.8 100.2

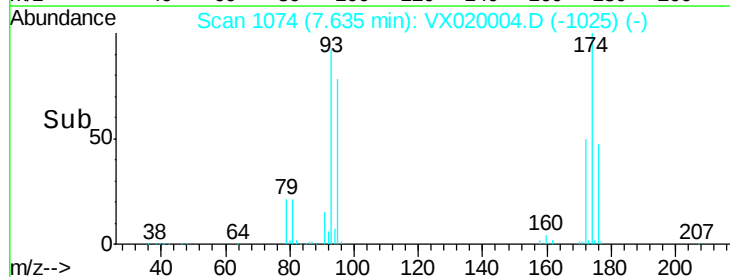
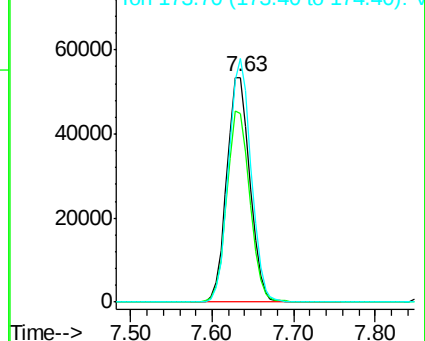
174 104.5 83.1 124.7

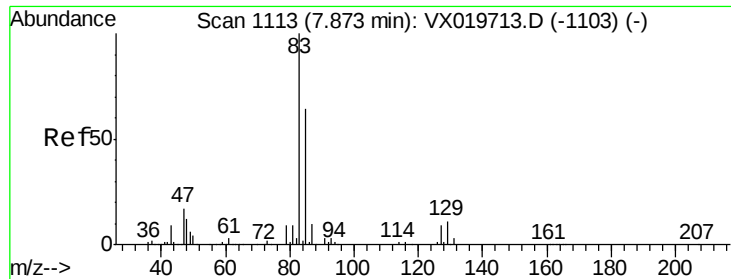


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.254 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

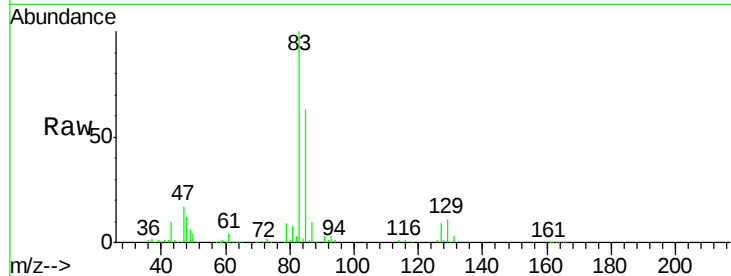
Tgt Ion: 83 Resp: 212343

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

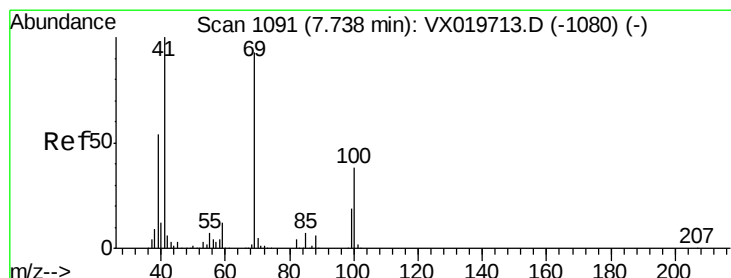
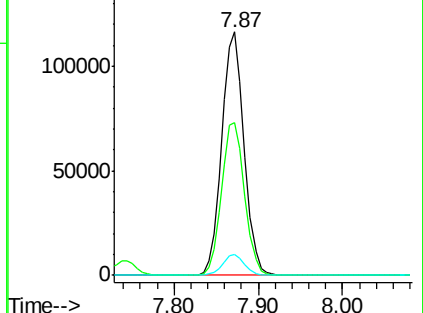
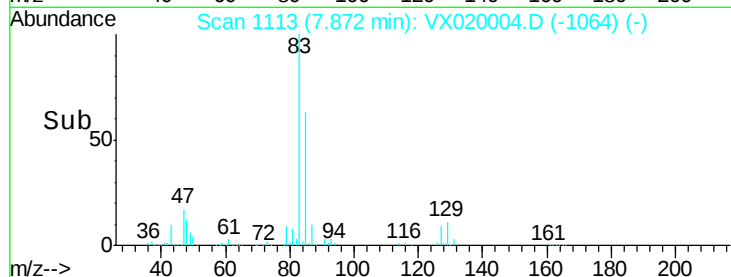
127 8.5 6.8 10.2



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: 55.363 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

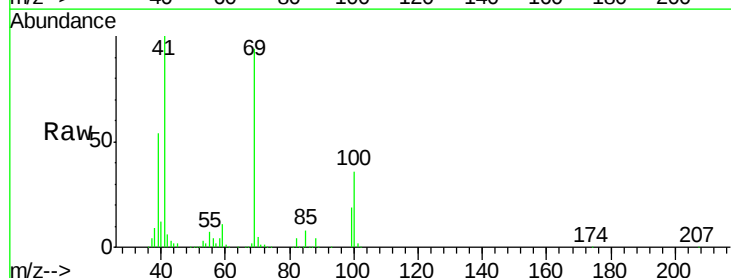
Tgt Ion: 41 Resp: 167895

Ion Ratio Lower Upper

41 100

69 94.3 76.0 114.0

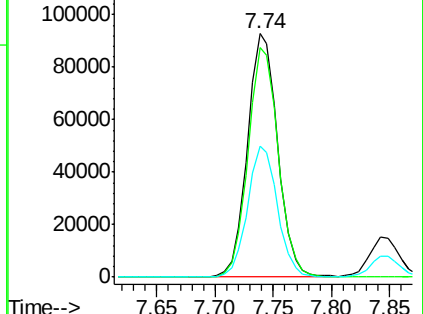
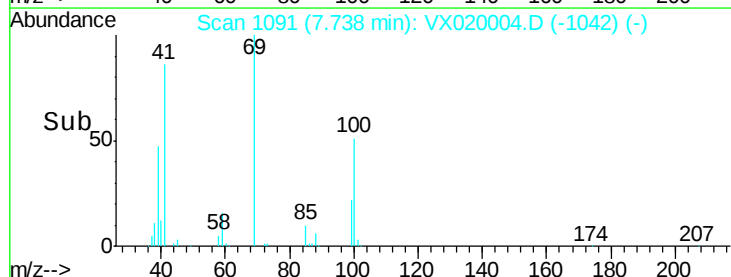
39 53.4 44.6 67.0

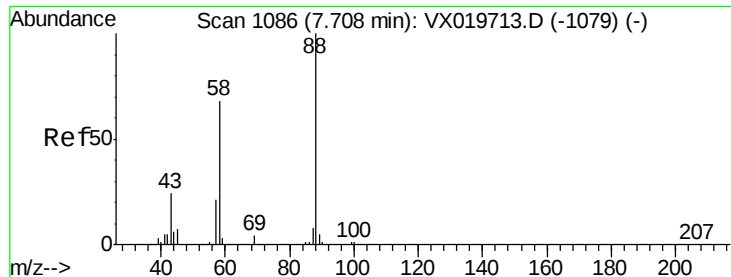


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

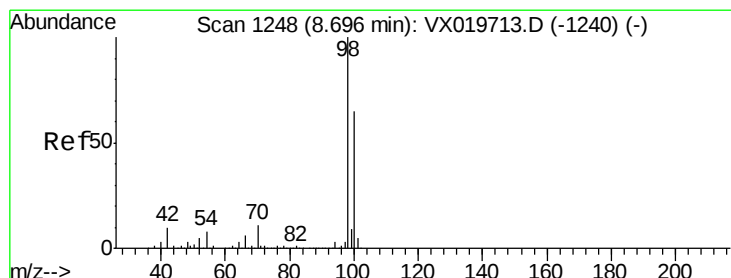
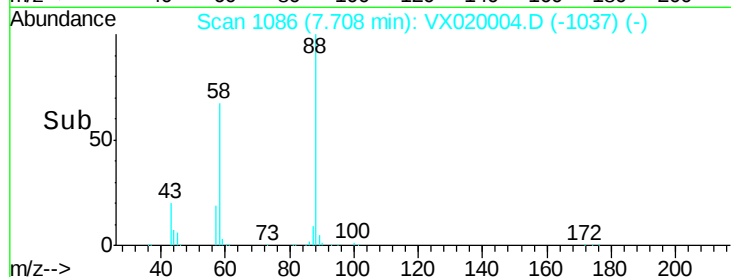
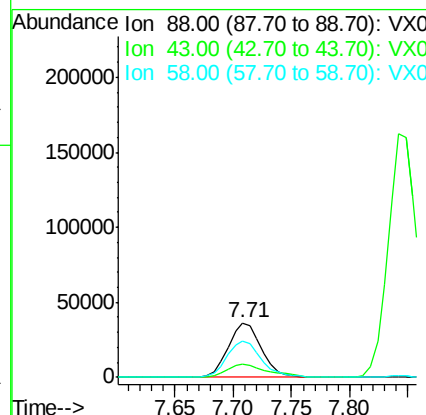
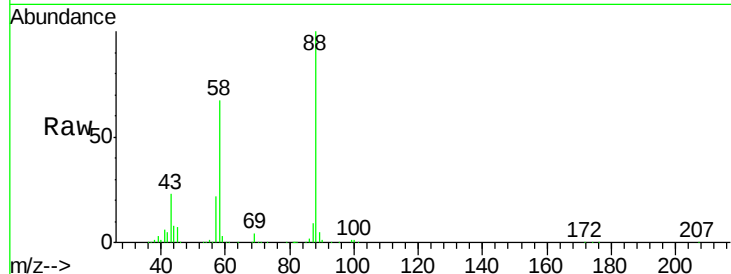




#49
 1,4-Dioxane
 Concen: 968.785 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

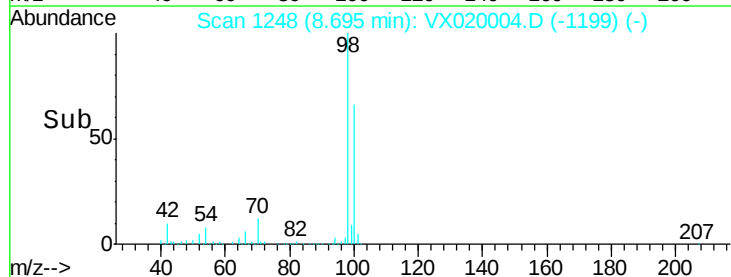
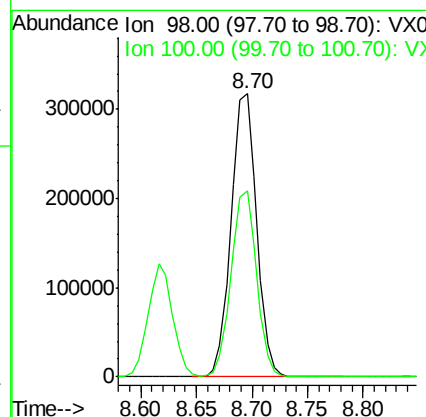
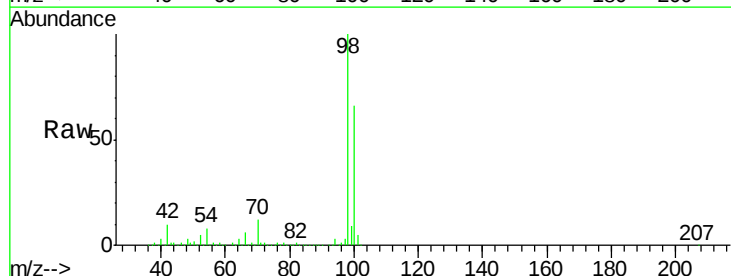
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

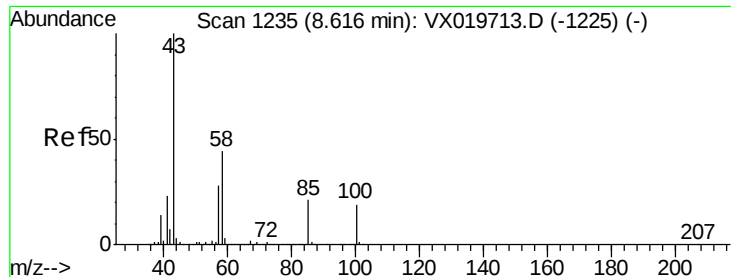
Tgt Ion: 88 Resp: 71171
 Ion Ratio Lower Upper
 88 100
 43 28.9 23.2 34.8
 58 68.8 55.0 82.4



#50
 Toluene-d8
 Concen: 49.059 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion: 98 Resp: 503186
 Ion Ratio Lower Upper
 98 100
 100 65.9 51.9 77.9

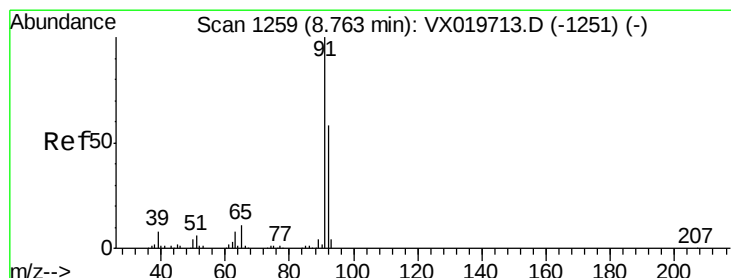
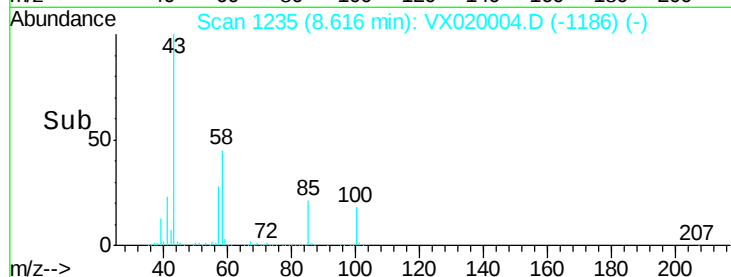
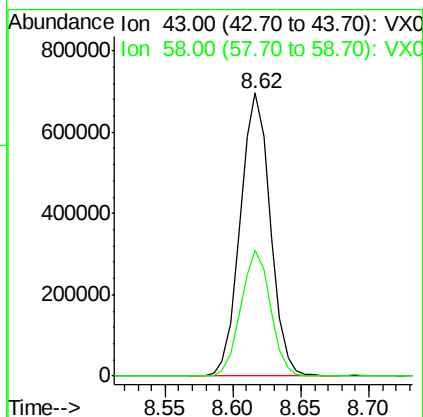
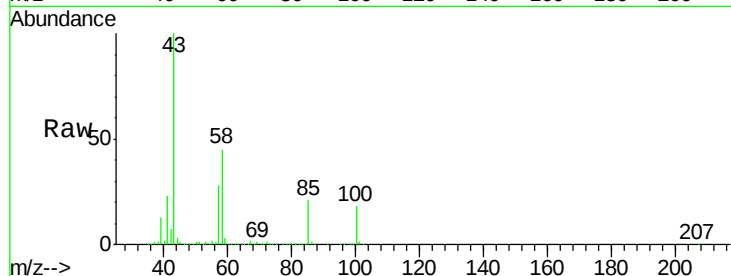




#51
 4-Methyl-2-Pentanone
 Concen: 285.476 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

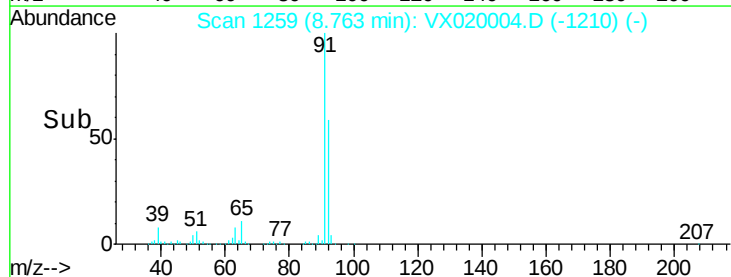
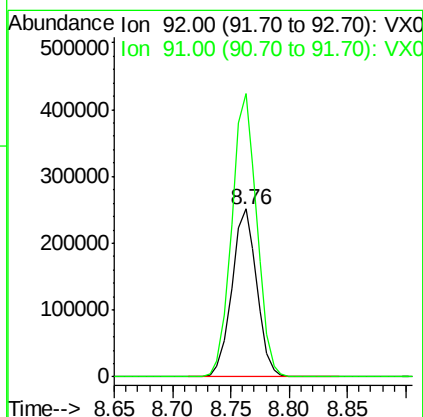
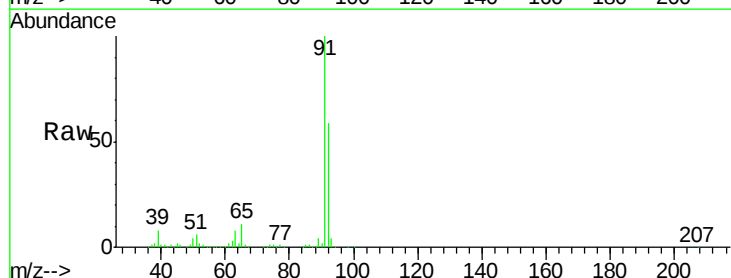
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

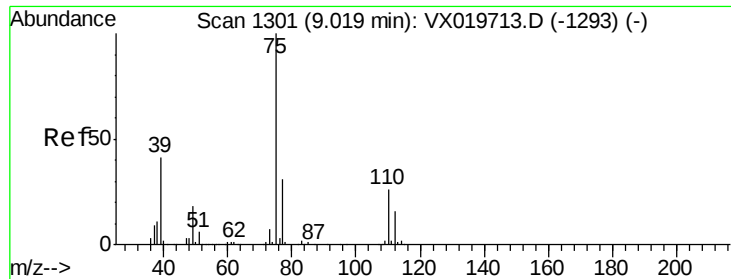
Tgt Ion: 43 Resp: 1074727
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.4 53.0



#52
 Toluene
 Concen: 52.169 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion: 92 Resp: 374405
 Ion Ratio Lower Upper
 92 100
 91 169.5 137.1 205.7

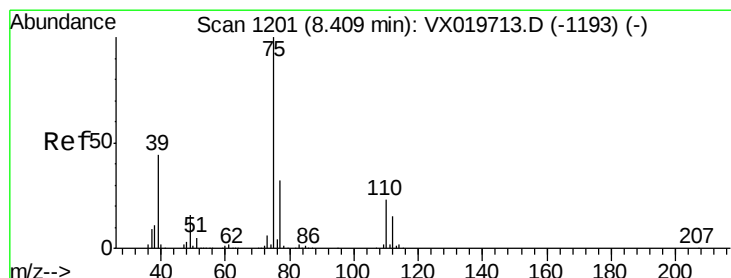
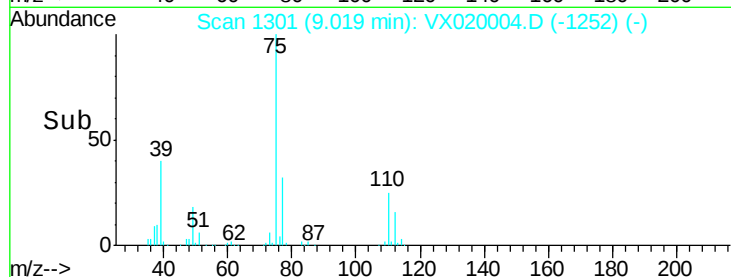
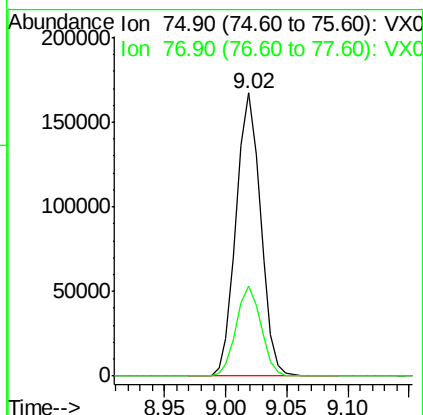
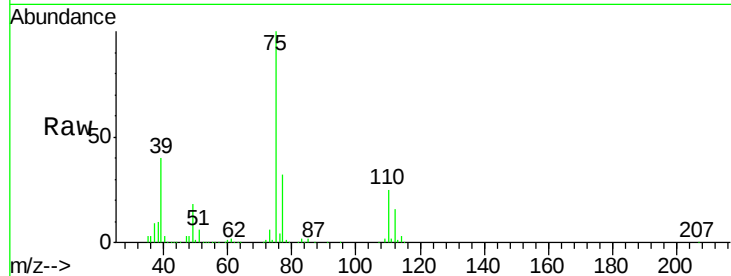




#53
 t-1,3-Dichloropropene
 Concen: 54.718 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

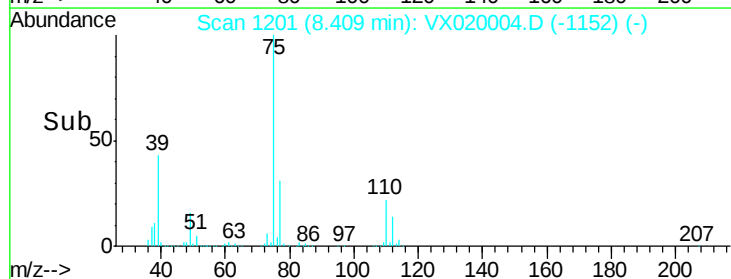
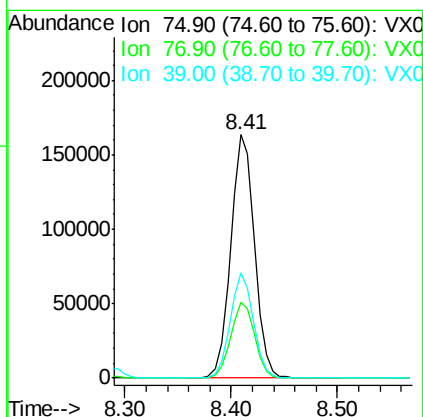
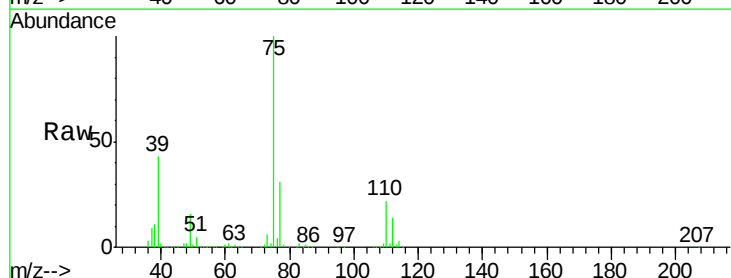
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

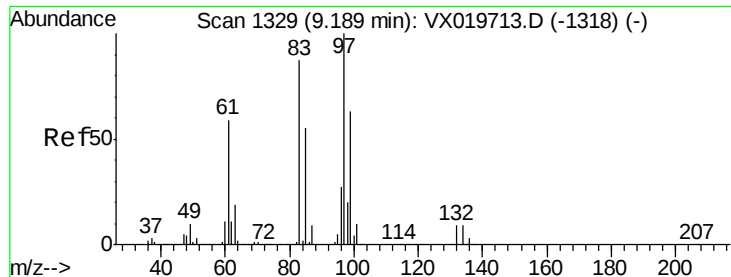
Tgt Ion: 75 Resp: 233352
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 55.065 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion: 75 Resp: 255119
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.7 38.5
 39 43.1 35.1 52.7

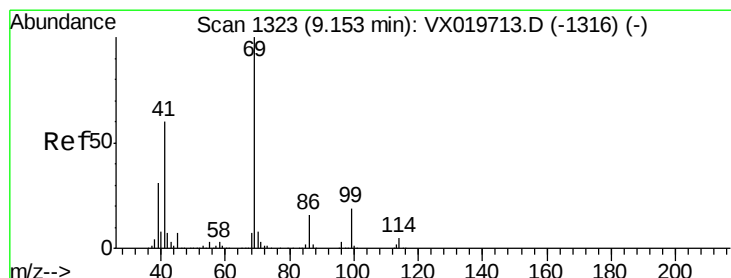
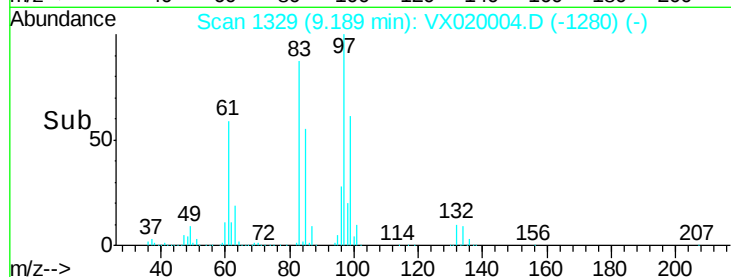
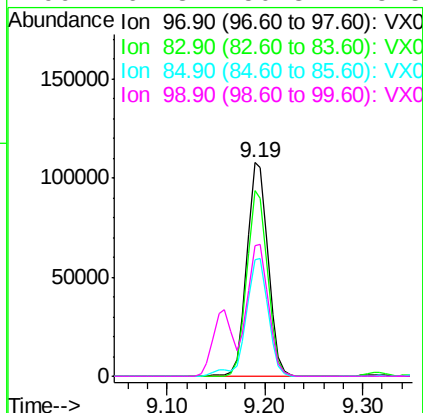
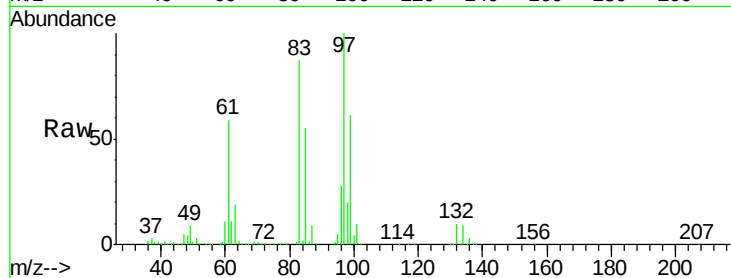




#55
 1,1,2-Trichloroethane
 Concen: 55.961 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

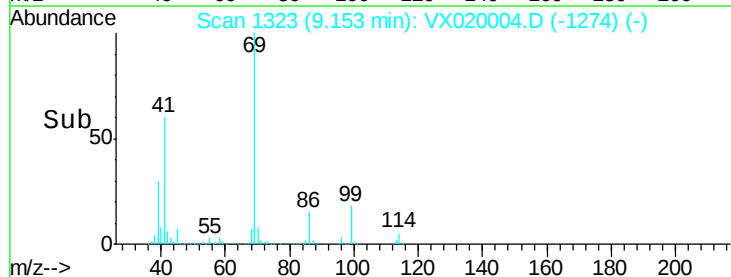
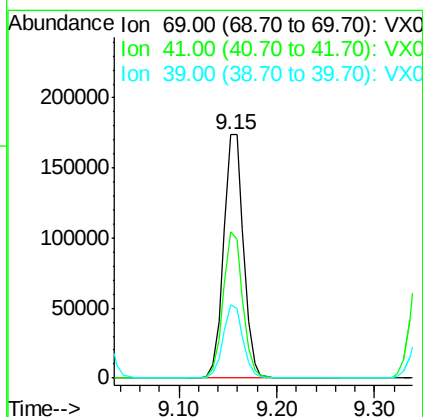
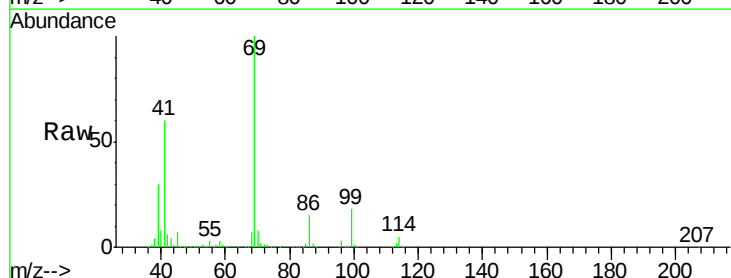
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

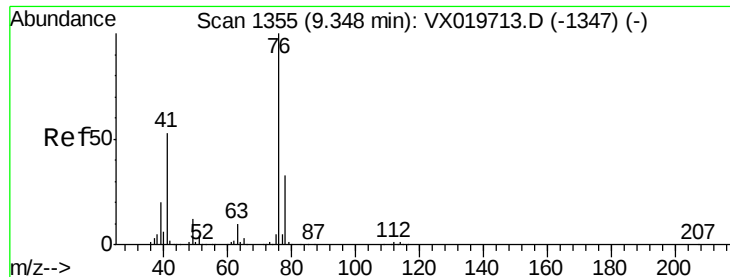
Tgt Ion:	97	Resp:	161848
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.3	103.9
85	54.8	44.3	66.5
99	61.3	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 56.129 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion:	69	Resp:	245606
Ion	Ratio	Lower	Upper
69	100		
41	58.9	46.8	70.2
39	29.7	24.7	37.1





#57

1,3-Dichloropropane

Concen: 54.863 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

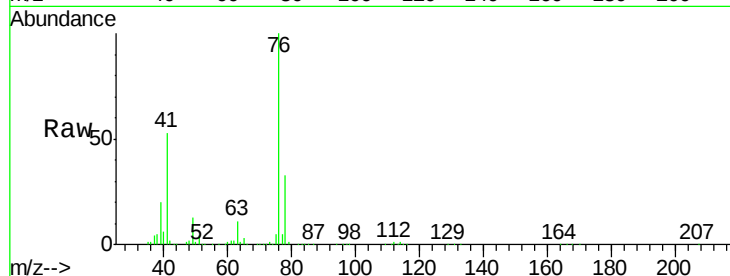
VSTDCCC050

Tgt Ion: 76 Resp: 270932

Ion Ratio Lower Upper

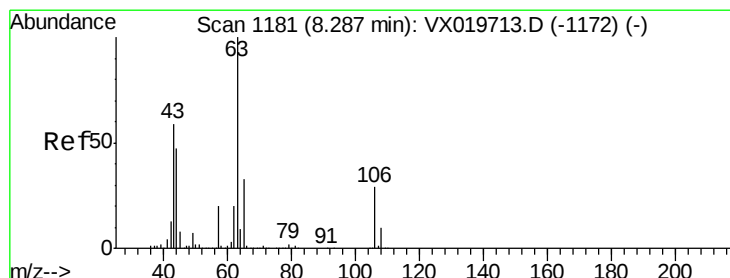
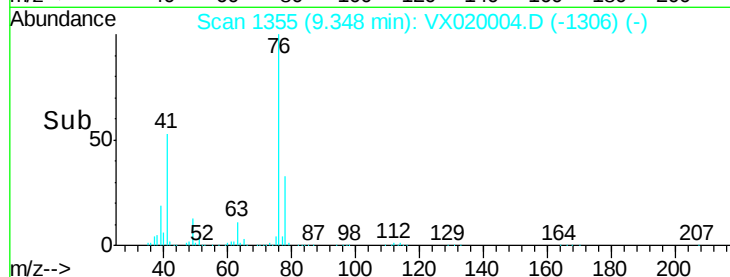
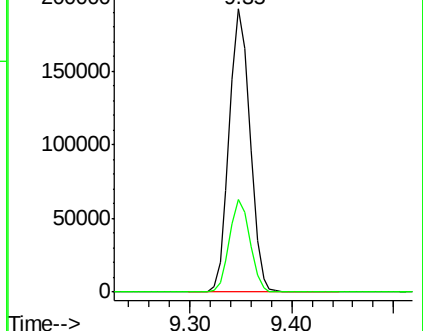
76 100

78 32.3 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: 284.706 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX020004.D

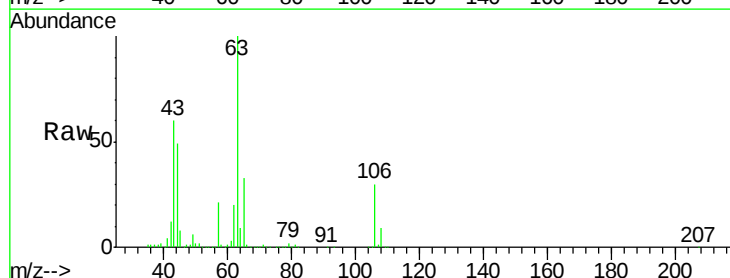
Acq: 15 Dec 2020 12:00

Tgt Ion: 63 Resp: 659972

Ion Ratio Lower Upper

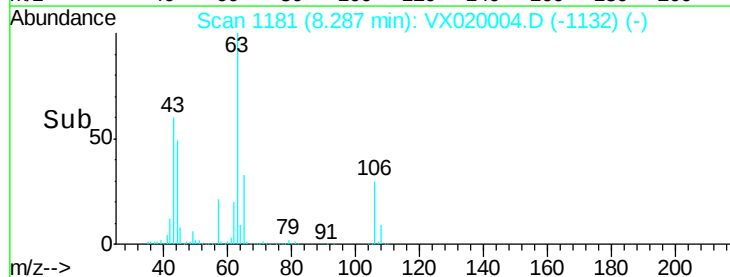
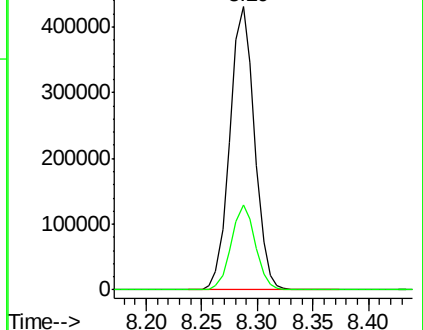
63 100

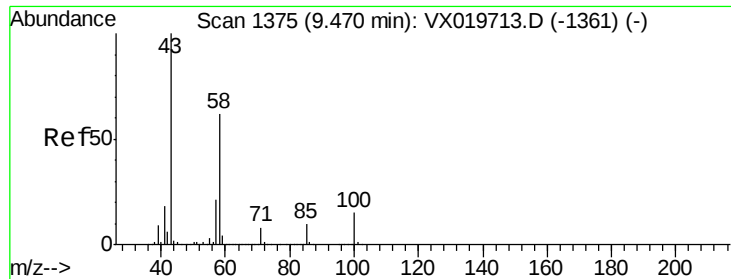
106 29.4 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

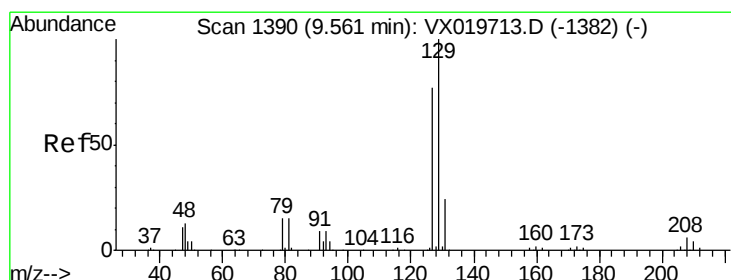
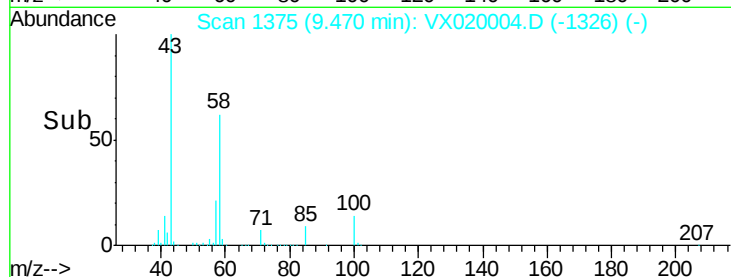
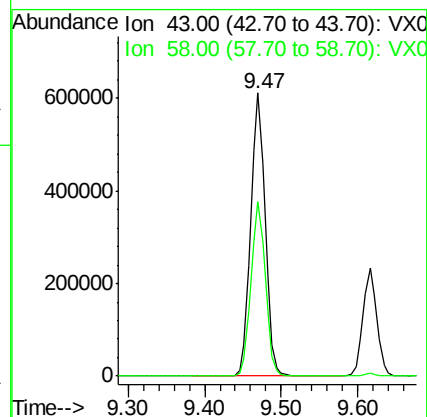
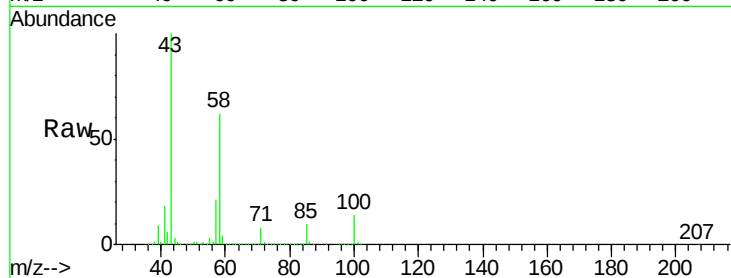




#59
2-Hexanone
Concen: 275.370 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

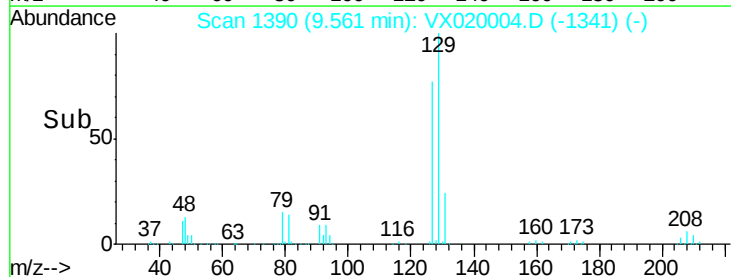
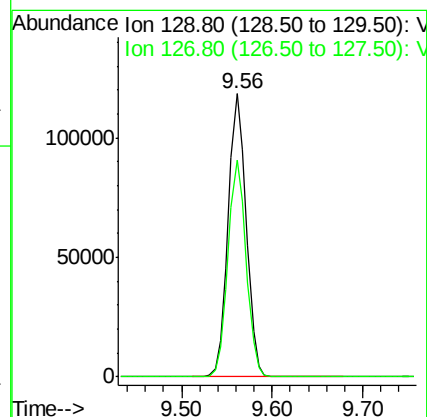
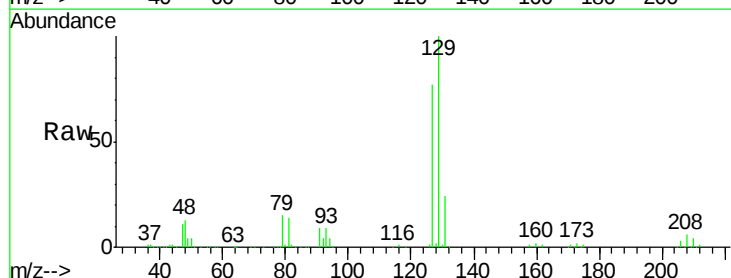
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

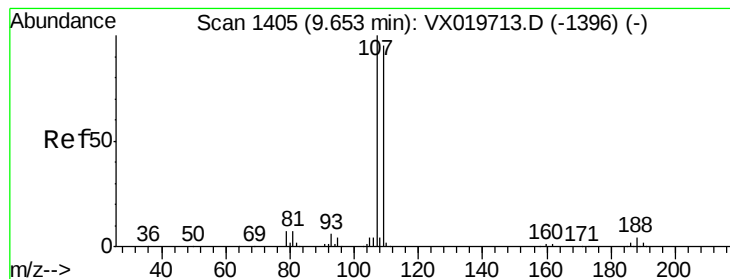
Tgt Ion: 43 Resp: 803564
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.8



#60
Dibromochloromethane
Concen: 56.092 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 129 Resp: 164820
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 53.639 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

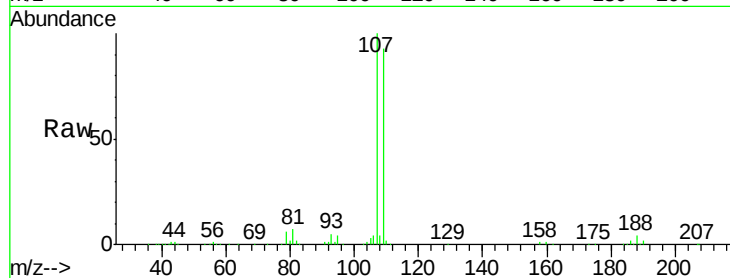
VSTDCCC050

Tgt Ion: 107 Resp: 164730

Ion Ratio Lower Upper

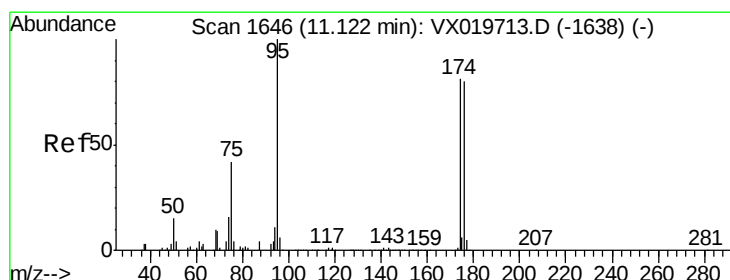
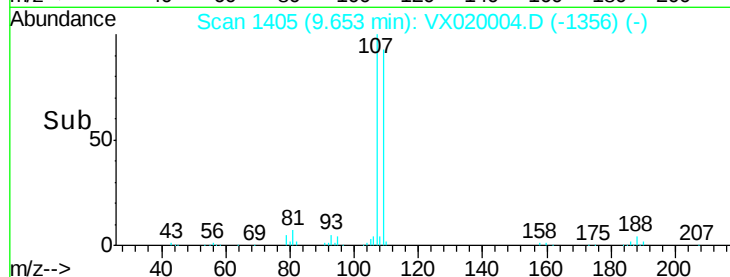
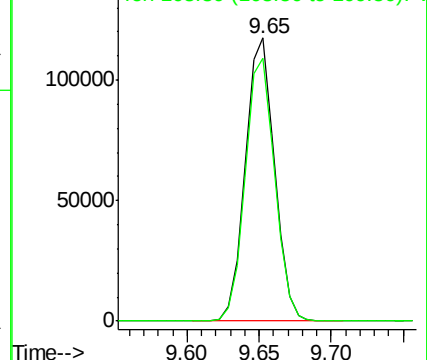
107 100

109 94.2 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: 50.174 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

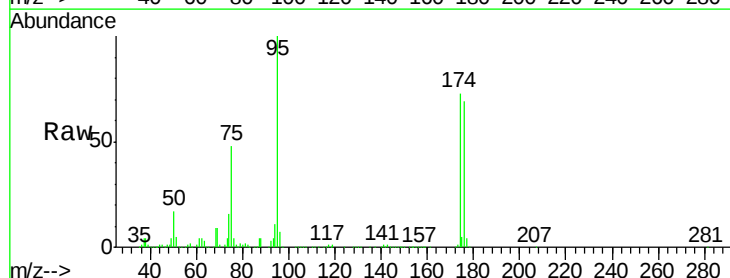
Tgt Ion: 95 Resp: 195874

Ion Ratio Lower Upper

95 100

174 79.4 0.0 154.6

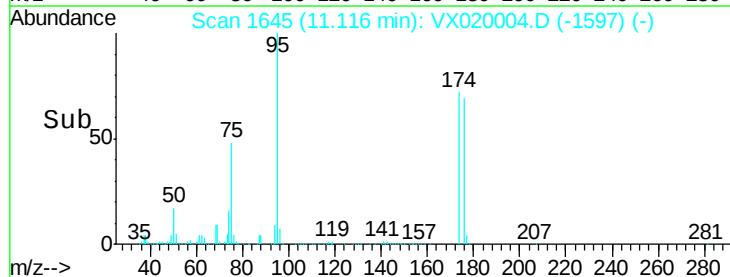
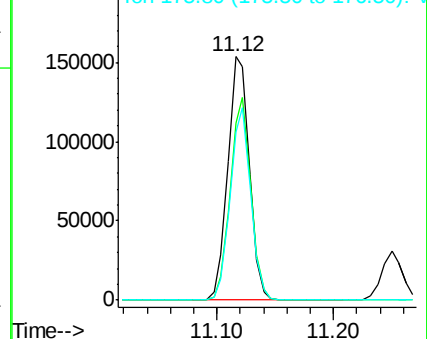
176 75.2 0.0 155.8

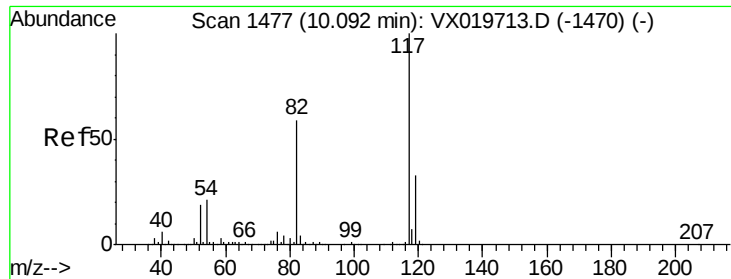


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

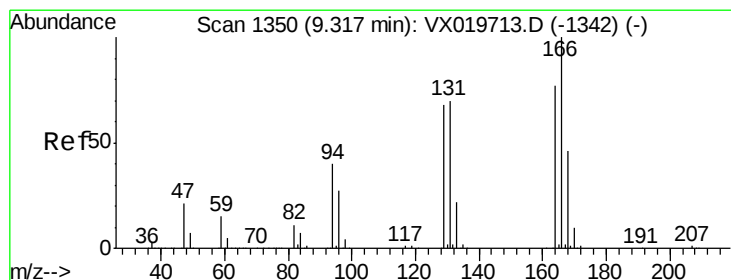
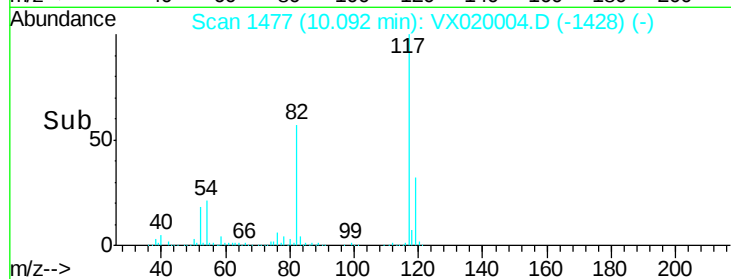
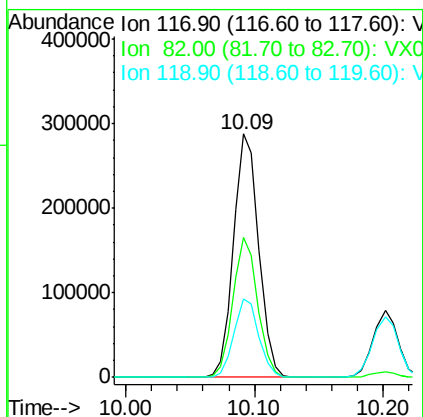
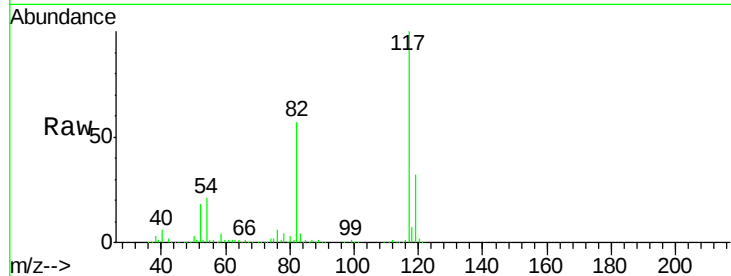




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

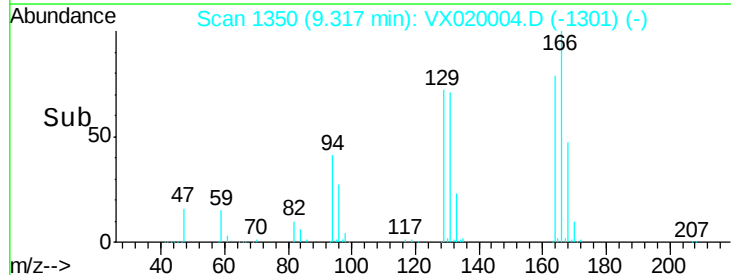
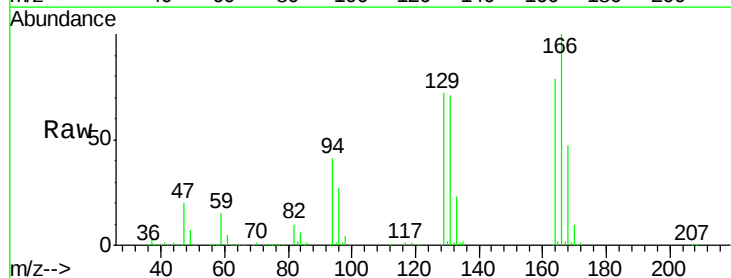
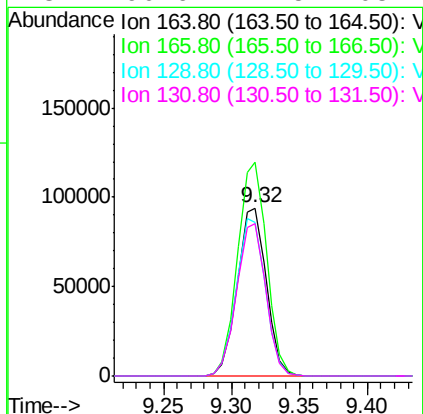
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

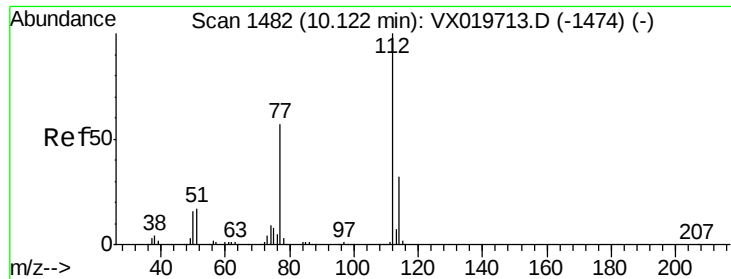
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	32.1	26.6	39.8



#64
Tetrachloroethene
Concen: 53.062 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.4	155.2
129	91.7	70.8	106.2
131	90.6	72.5	108.7

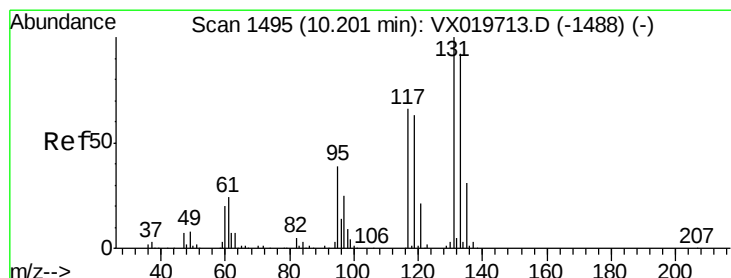
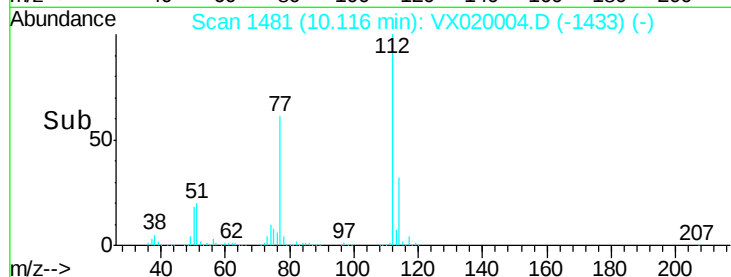
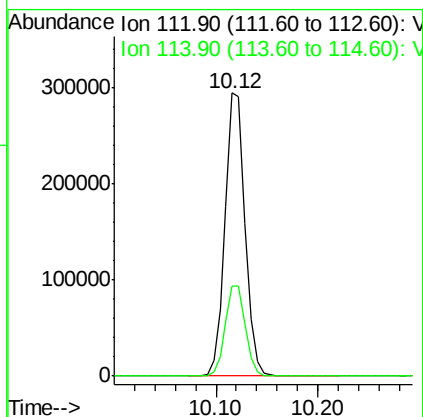
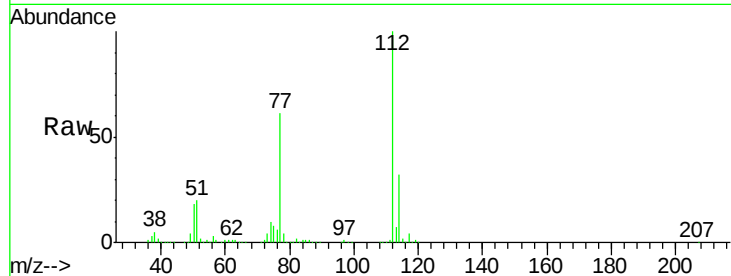




#65
Chlorobenzene
Concen: 51.030 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

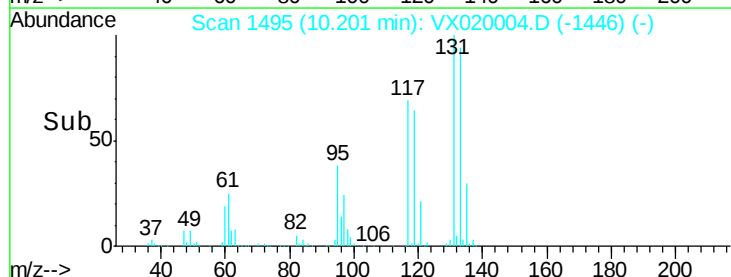
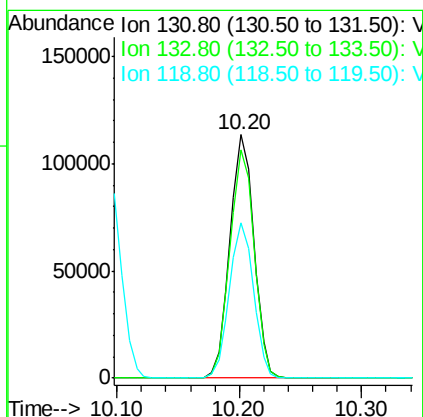
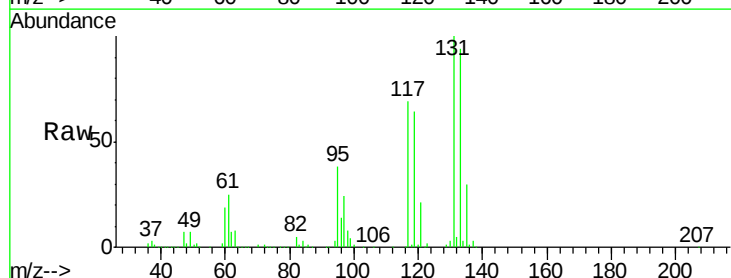
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

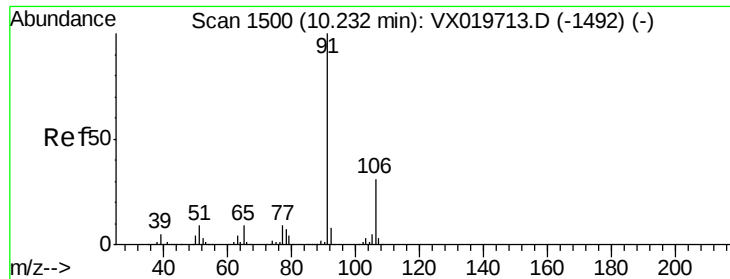
Tgt Ion:112 Resp: 398382
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.753 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion:131 Resp: 153849
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 64.3 32.1 96.5

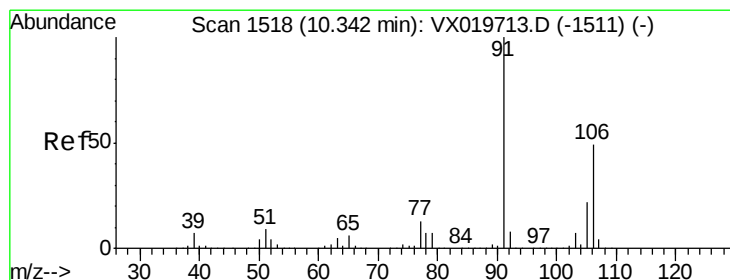
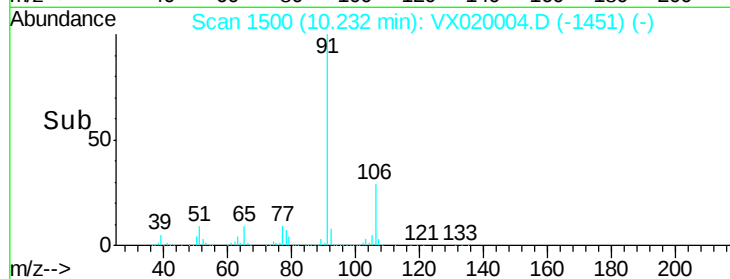
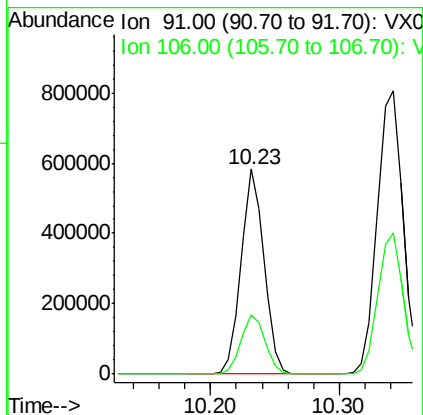
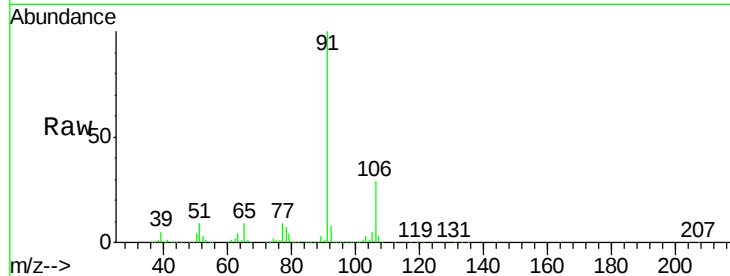




#67
Ethyl Benzene
Concen: 51.854 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

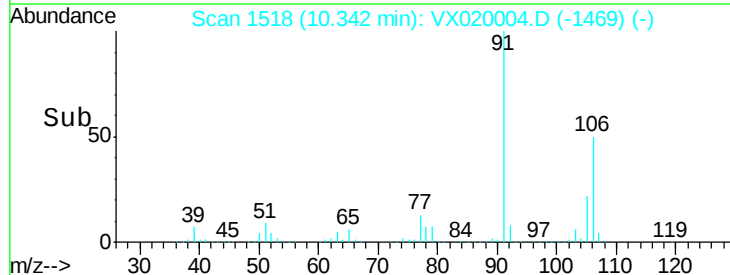
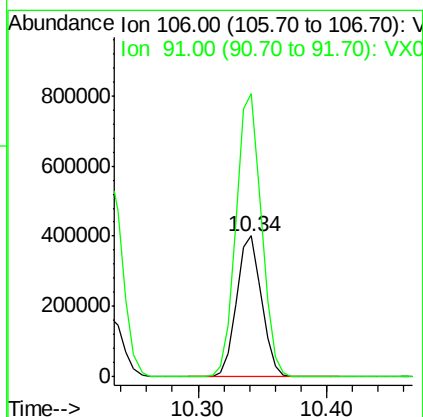
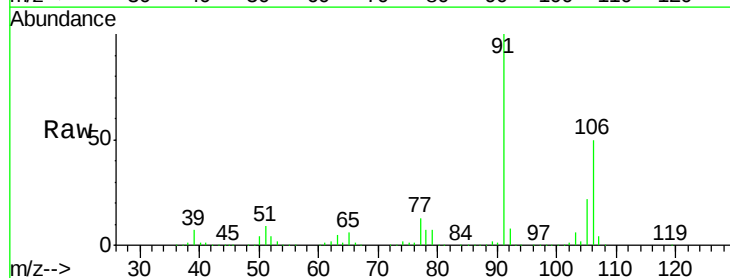
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

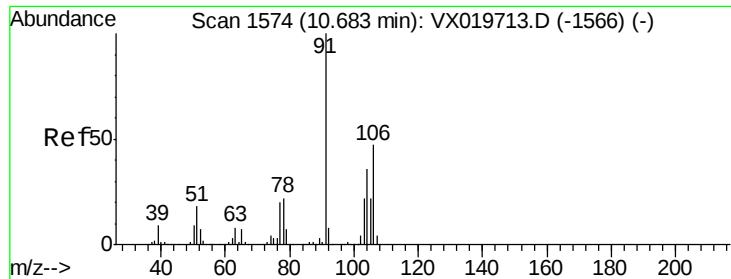
Tgt Ion: 91 Resp: 718555
Ion Ratio Lower Upper
91 100
106 29.3 24.6 37.0



#68
m/p-Xylenes
Concen: 103.524 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 106 Resp: 540566
Ion Ratio Lower Upper
106 100
91 204.0 162.8 244.2

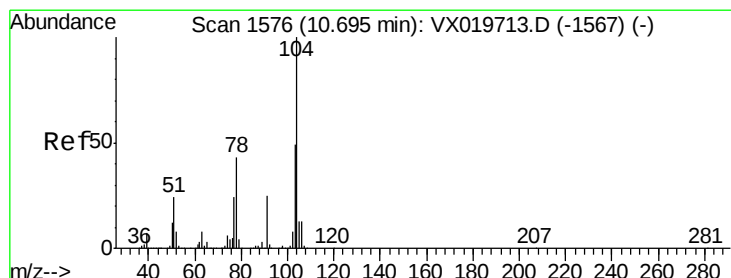
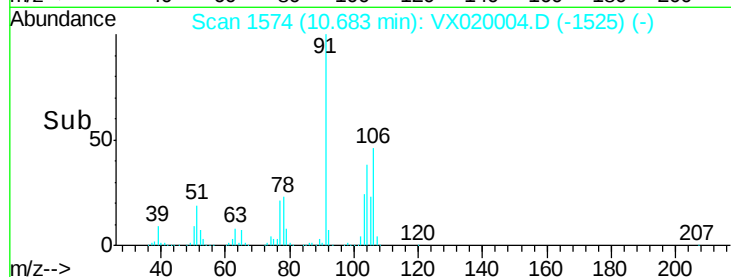
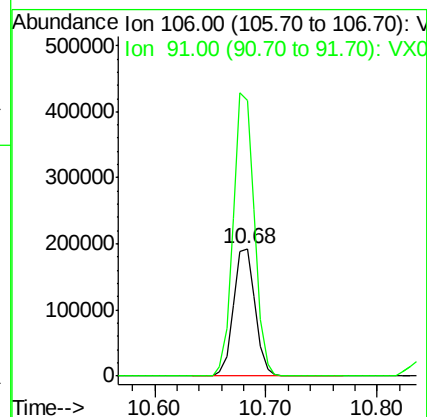
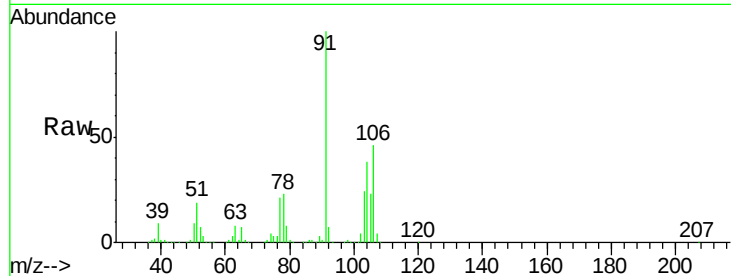




#69
o-Xylene
Concen: 51.352 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

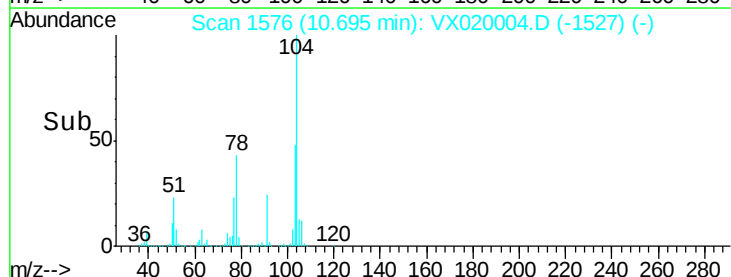
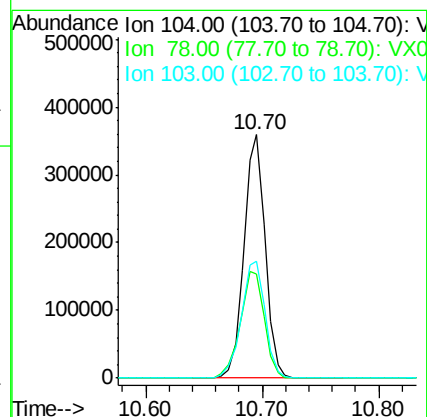
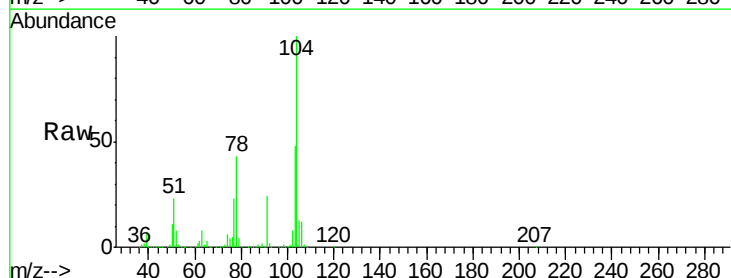
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

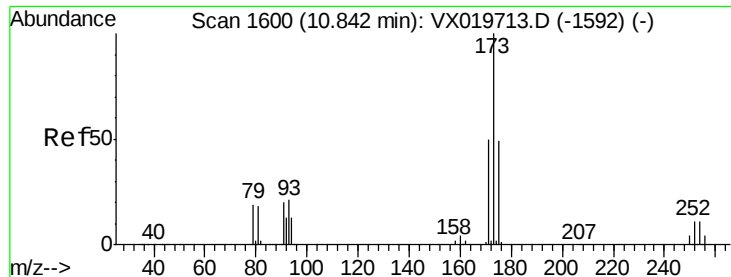
Tgt Ion:106 Resp: 257941
Ion Ratio Lower Upper
106 100
91 218.2 108.1 324.2



#70
Styrene
Concen: 53.729 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion:104 Resp: 455522
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 53.8 43.4 65.0





#71

Bromoform

Concen: 55.654 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

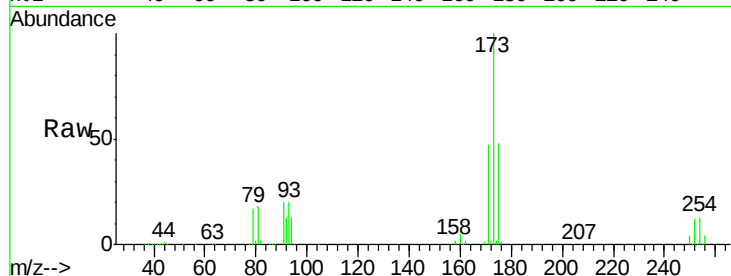
Tgt Ion:173 Resp: 123022

Ion Ratio Lower Upper

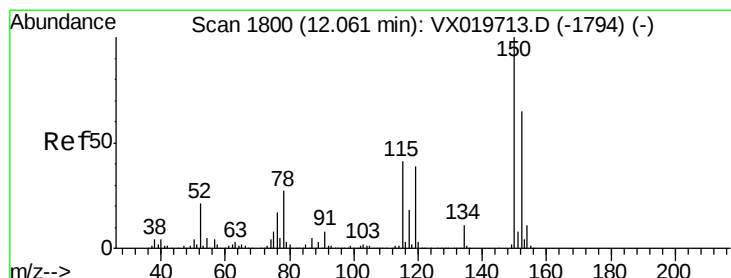
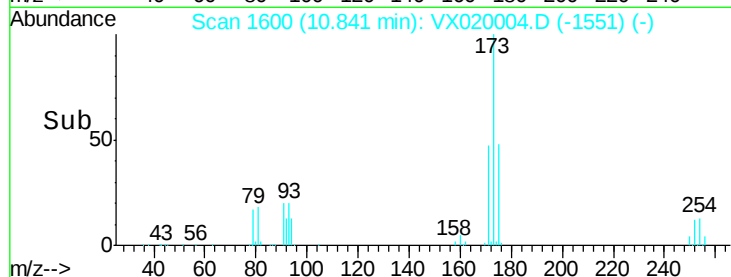
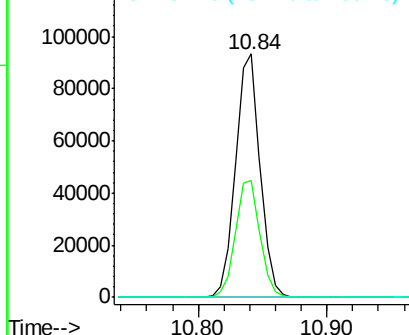
173 100

175 48.4 23.9 71.8

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

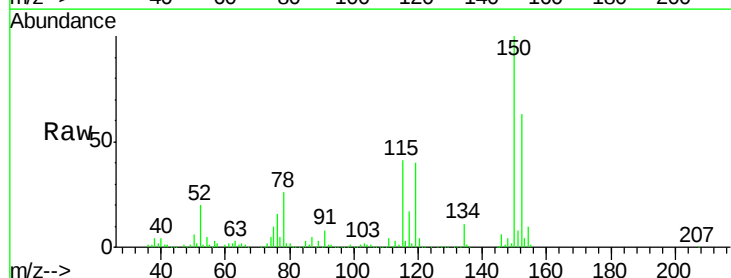
Tgt Ion:152 Resp: 195020

Ion Ratio Lower Upper

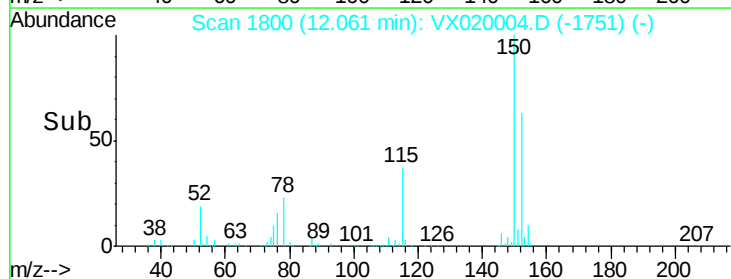
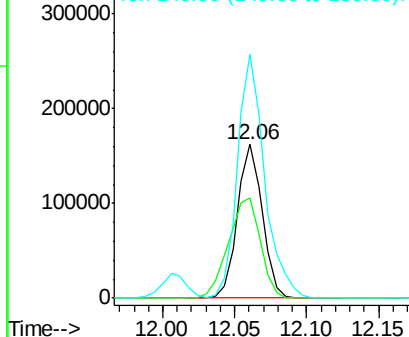
152 100

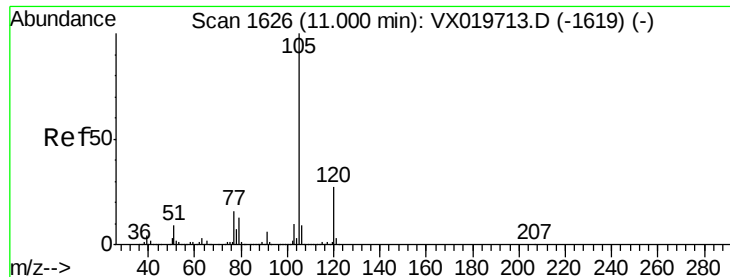
115 84.0 41.1 123.3

150 173.1 0.0 349.0



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





#73

Isopropylbenzene

Concen: 52.368 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

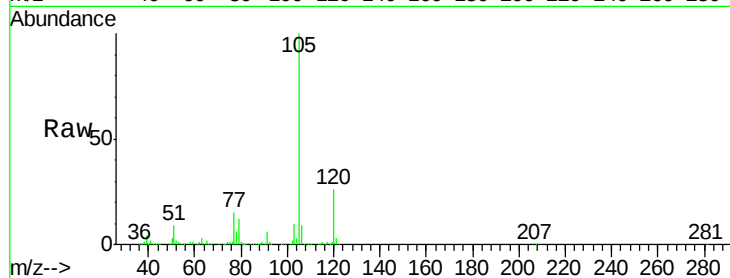
VSTDCCC050

Tgt Ion: 105 Resp: 697741

Ion Ratio Lower Upper

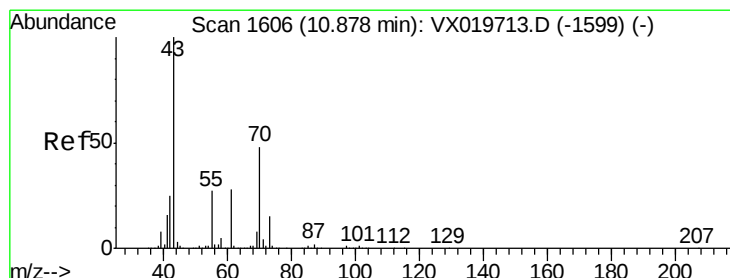
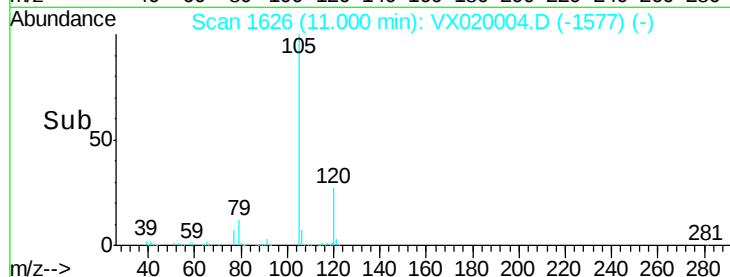
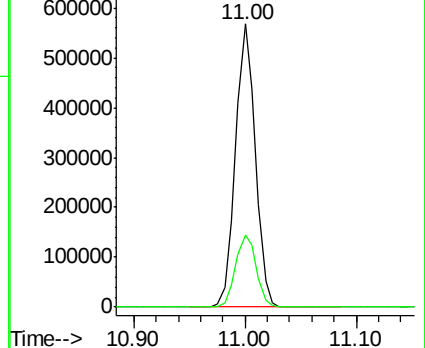
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.078 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Tgt Ion: 43 Resp: 288743

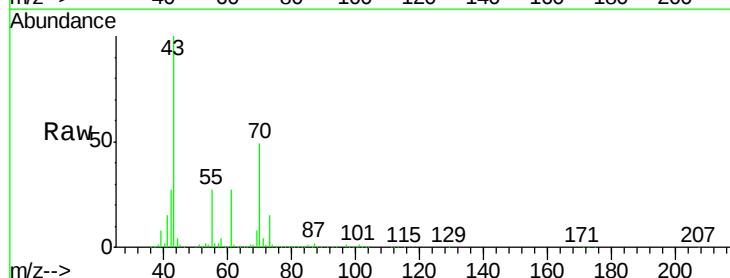
Ion Ratio Lower Upper

43 100

70 49.1 39.0 58.6

55 27.5 21.5 32.3

61 27.3 22.1 33.1

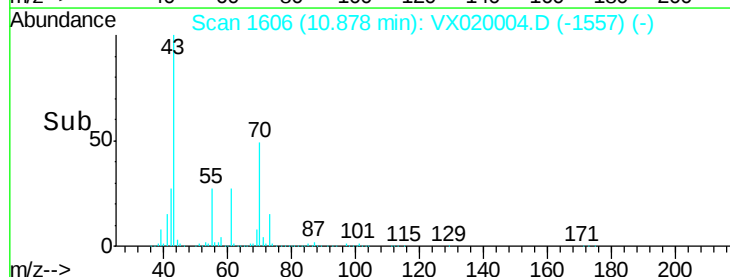
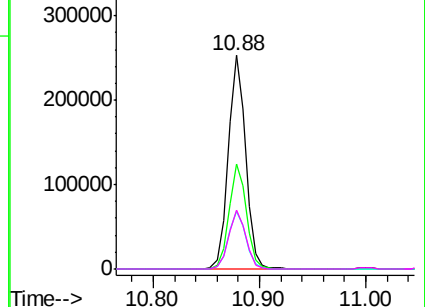


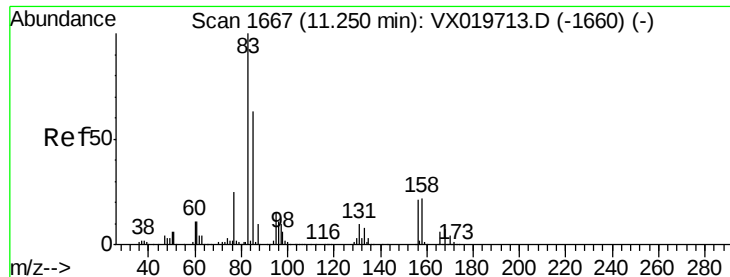
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.441 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

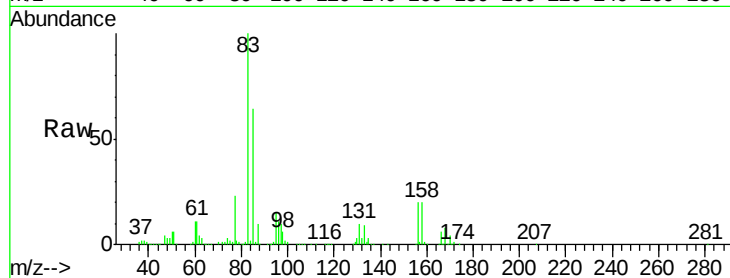
Tgt Ion: 83 Resp: 255731

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

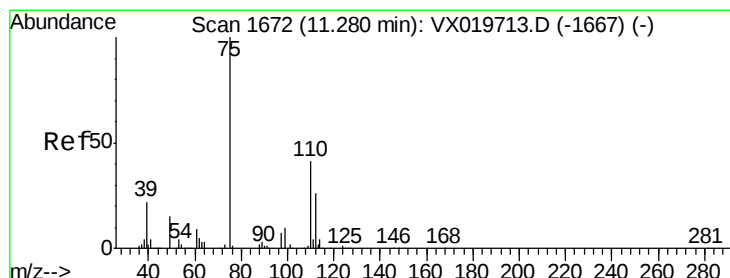
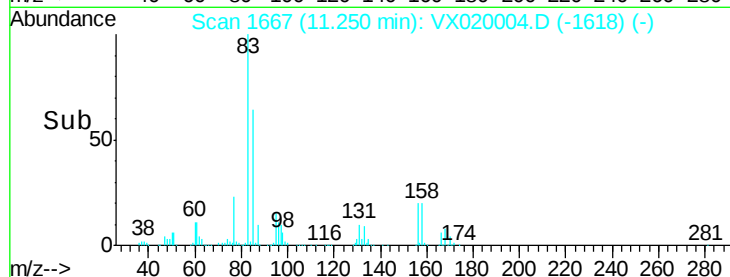
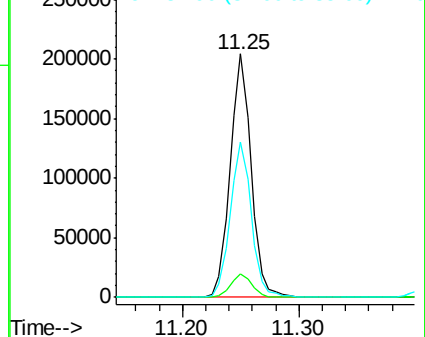
85 64.4 31.8 95.4



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: 67.259 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020004.D

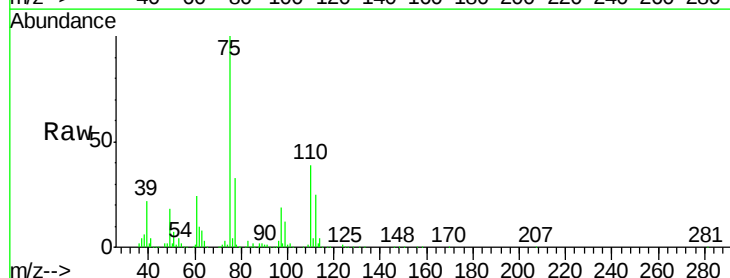
Acq: 15 Dec 2020 12:00

Tgt Ion: 75 Resp: 294189

Ion Ratio Lower Upper

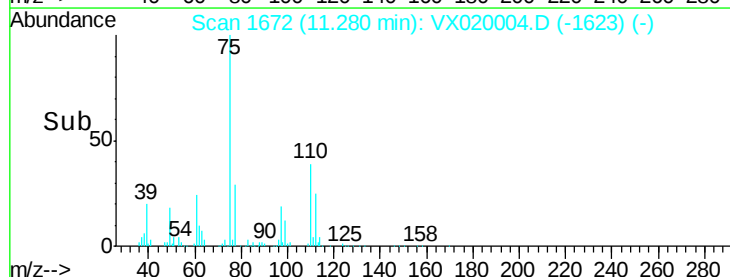
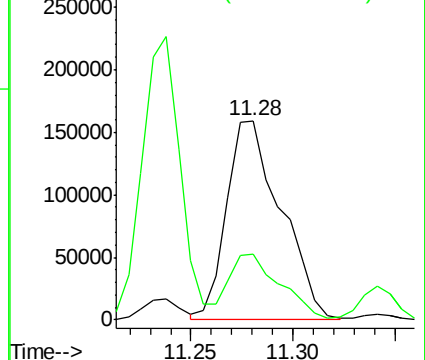
75 100

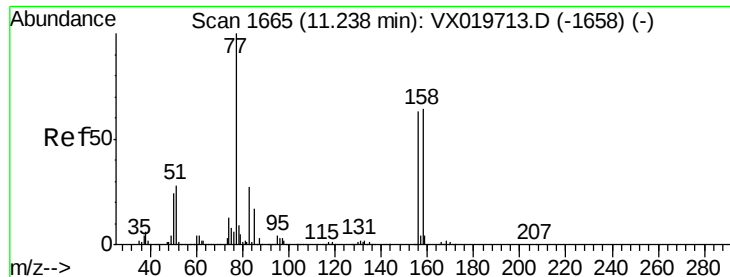
77 30.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.270 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

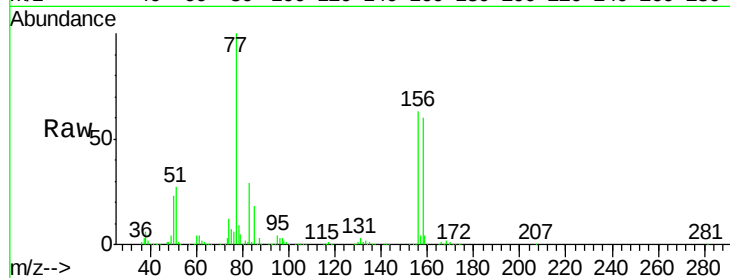
Tgt Ion:156 Resp: 178223

Ion Ratio Lower Upper

156 100

77 165.8 82.8 248.6

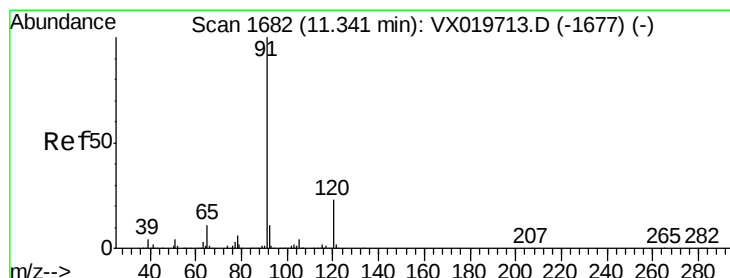
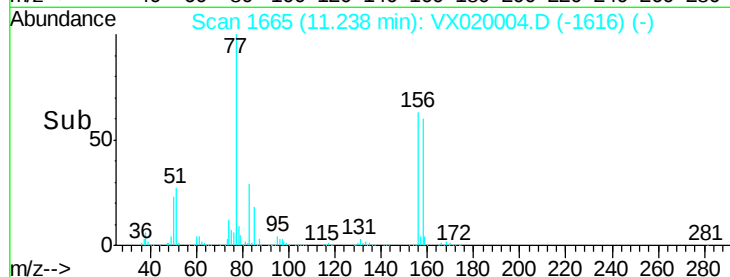
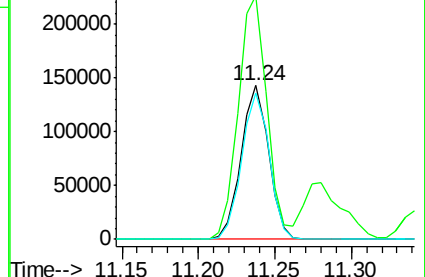
158 95.5 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.043 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX020004.D

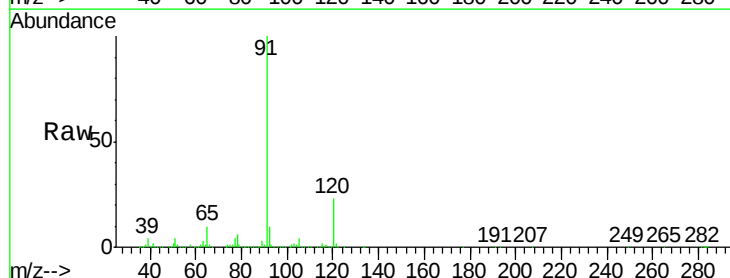
Acq: 15 Dec 2020 12:00

Tgt Ion: 91 Resp: 807185

Ion Ratio Lower Upper

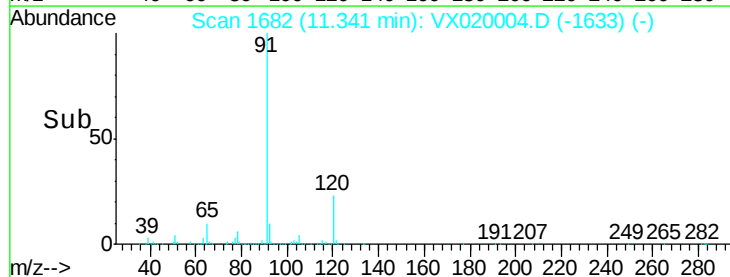
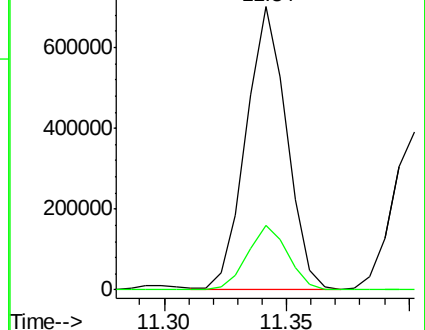
91 100

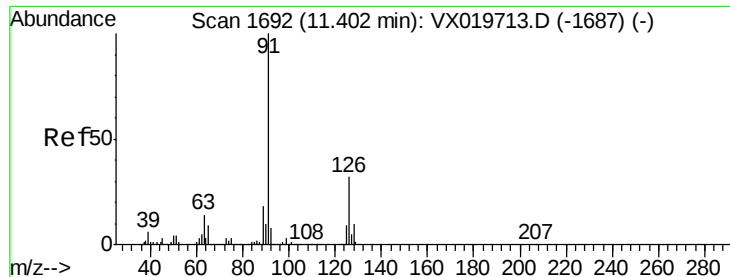
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.424 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

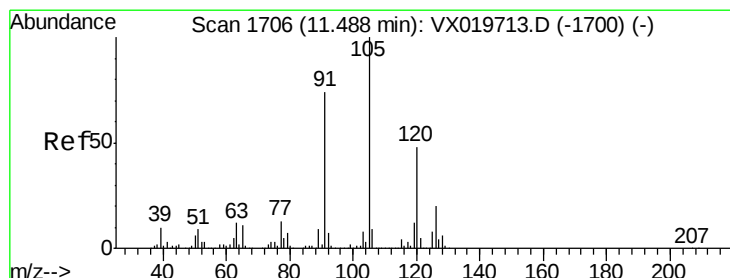
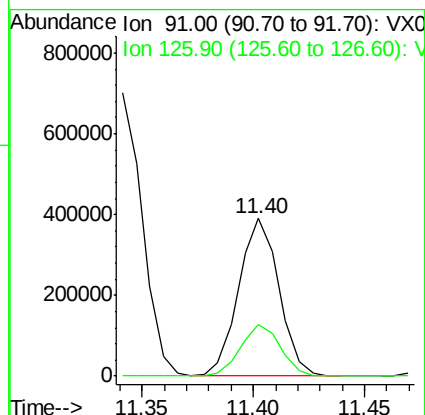
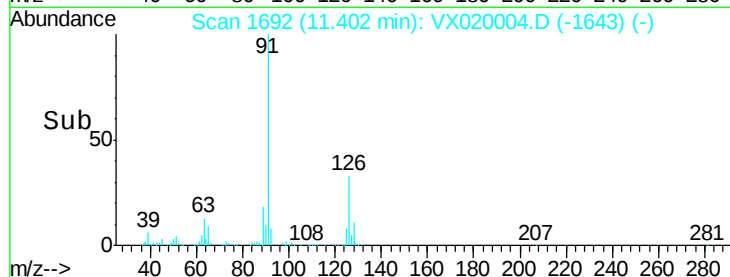
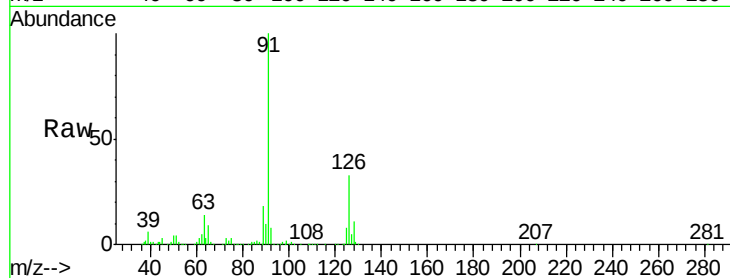
VSTDCCC050

Tgt Ion: 91 Resp: 491283

Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 53.096 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX020004.D

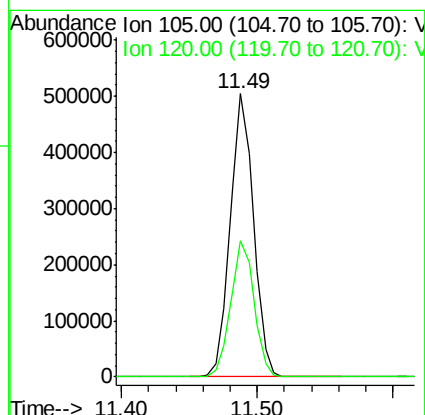
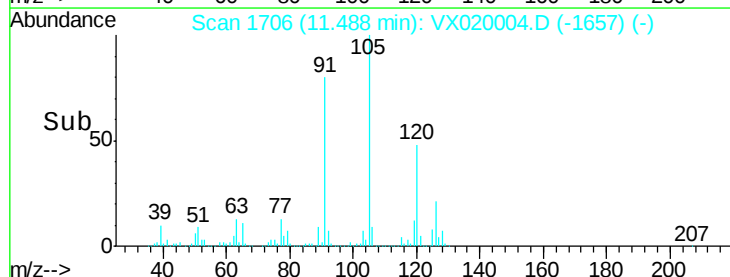
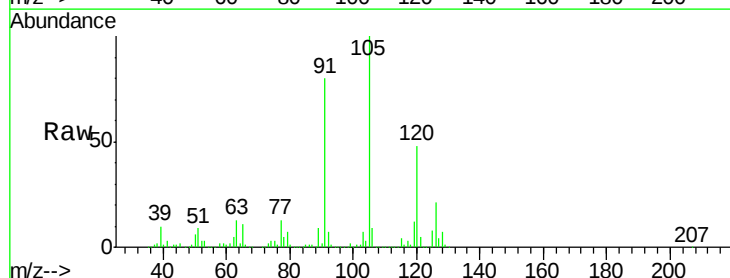
Acq: 15 Dec 2020 12:00

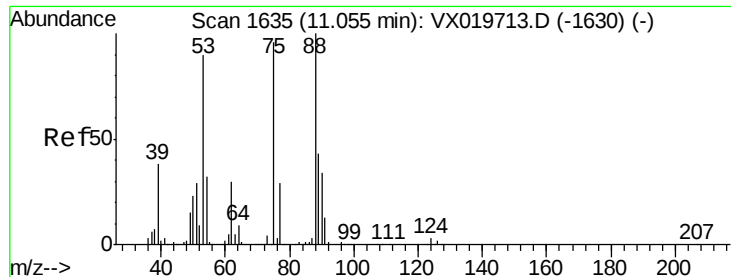
Tgt Ion: 105 Resp: 597052

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5

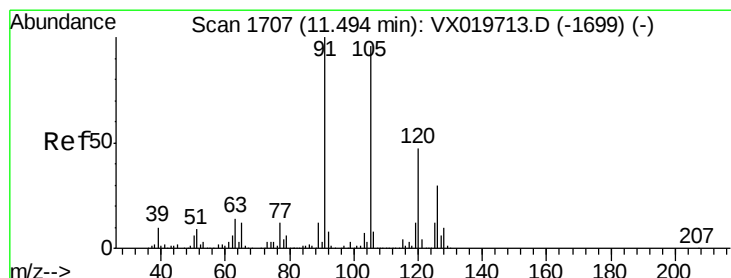
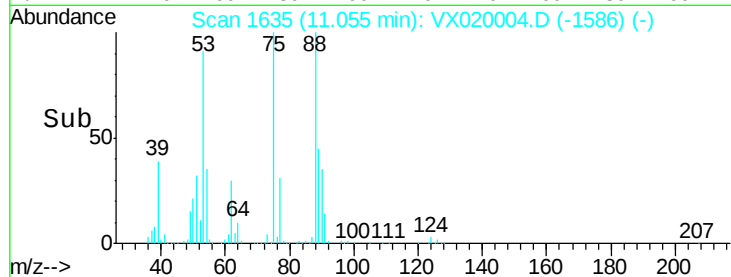
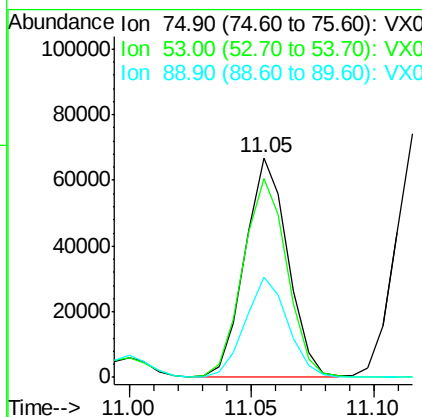
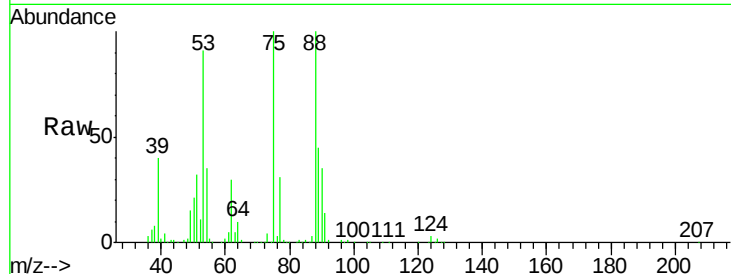




#81
trans-1,4-Dichloro-2-butene
Concen: 53.716 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

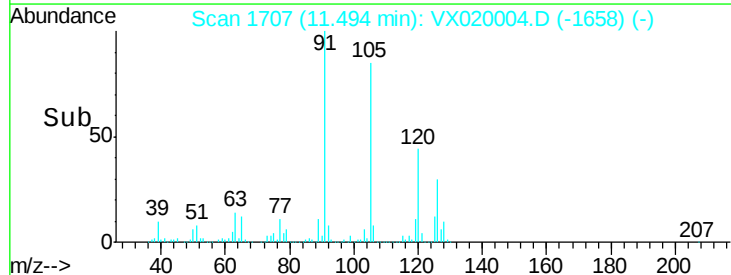
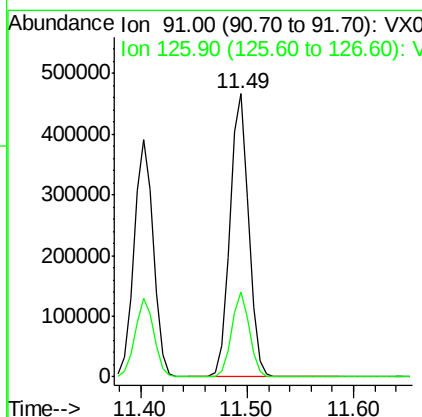
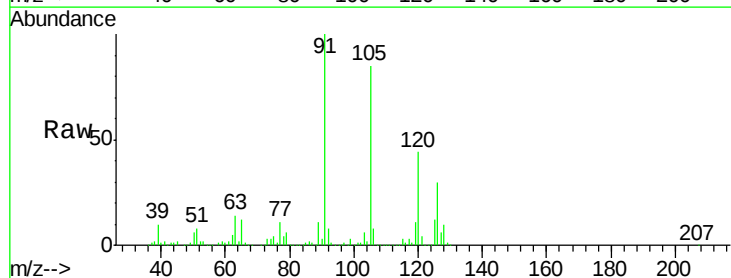
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

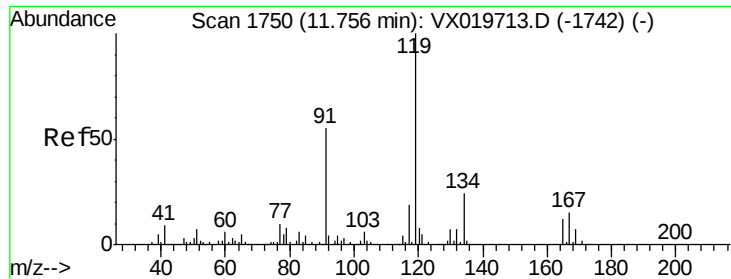
Tgt Ion: 75 Resp: 81275
Ion Ratio Lower Upper
75 100
53 92.6 74.5 111.7
89 45.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.328 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 91 Resp: 574323
Ion Ratio Lower Upper
91 100
126 28.6 14.9 44.5

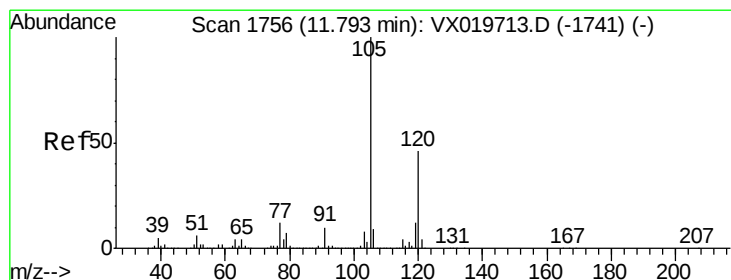
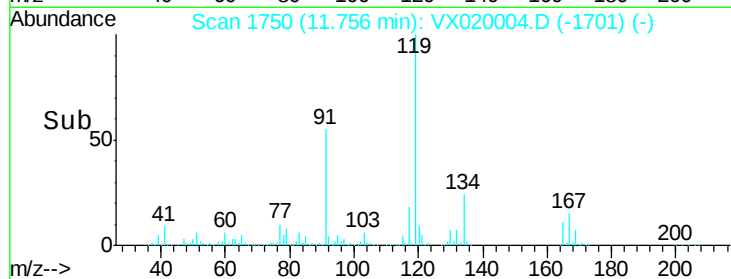
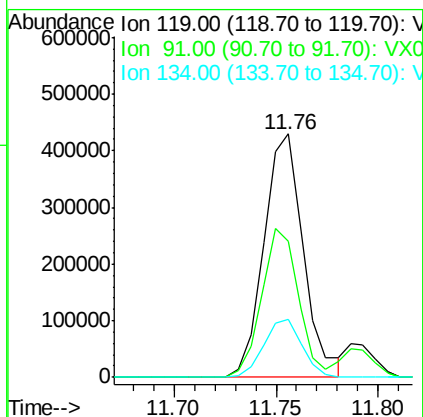
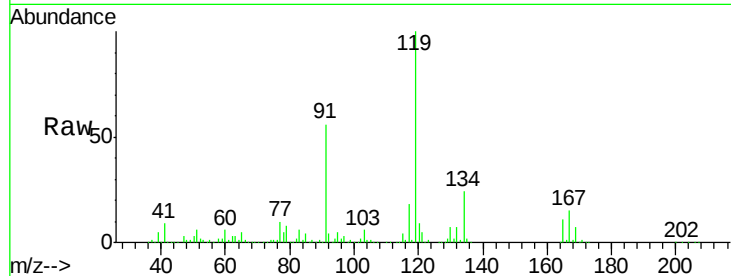




#83
 tert-Butylbenzene
 Concen: 52.601 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

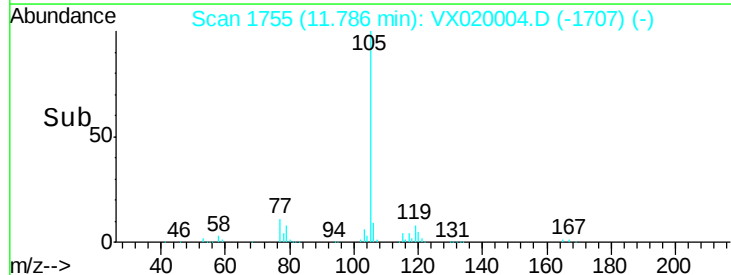
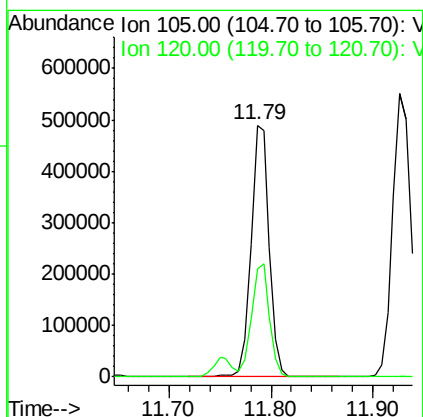
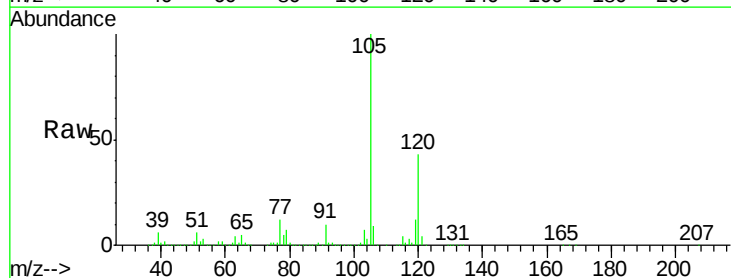
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

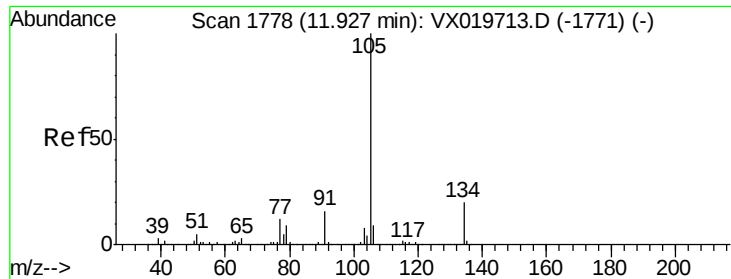
Tgt Ion:119 Resp: 580100
 Ion Ratio Lower Upper
 119 100
 91 57.1 27.9 83.7
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.837 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion:105 Resp: 609814
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

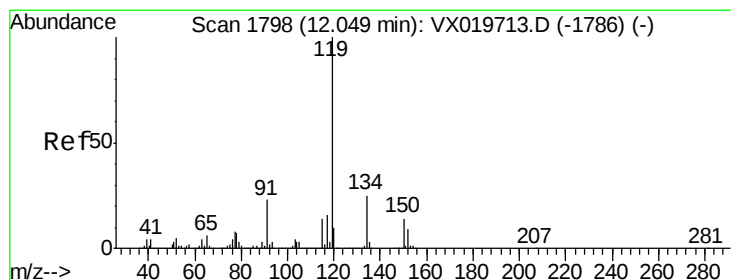
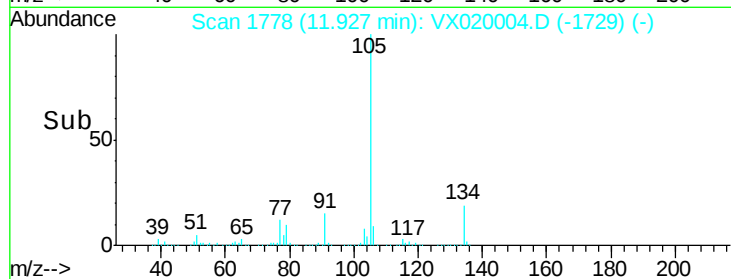
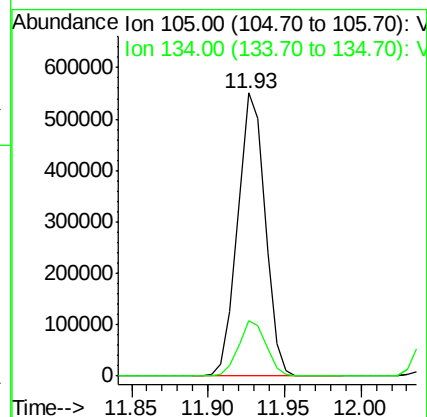
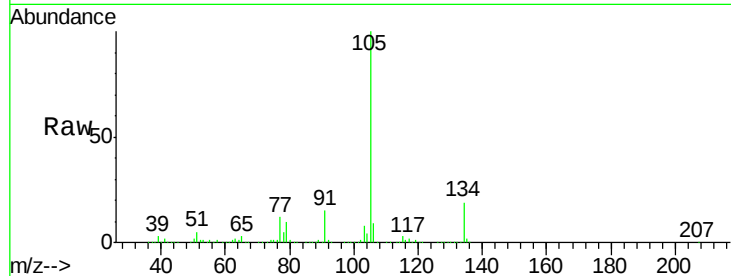




#85
 sec-Butylbenzene
 Concen: 54.420 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

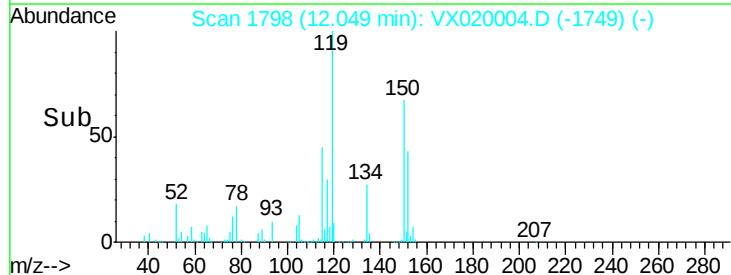
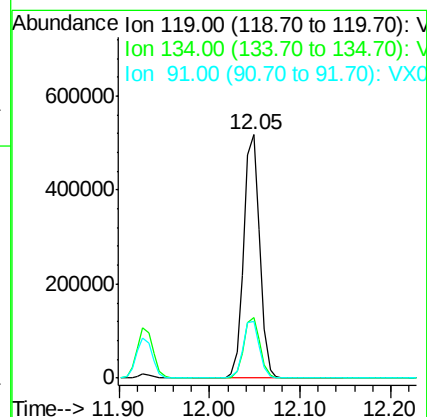
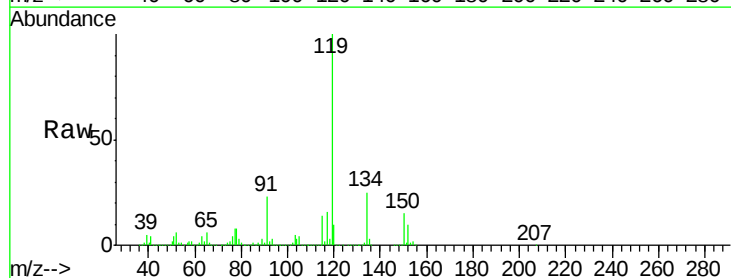
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

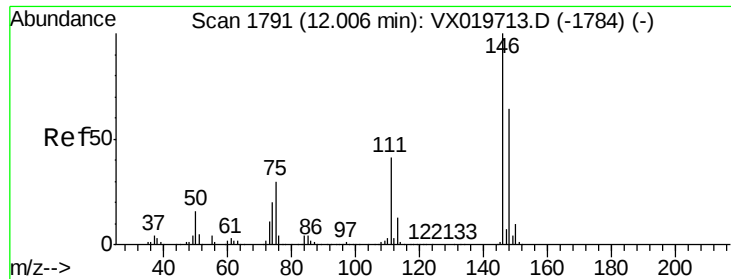
Tgt Ion:105 Resp: 685224
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 54.616 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion:119 Resp: 630251
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.012 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

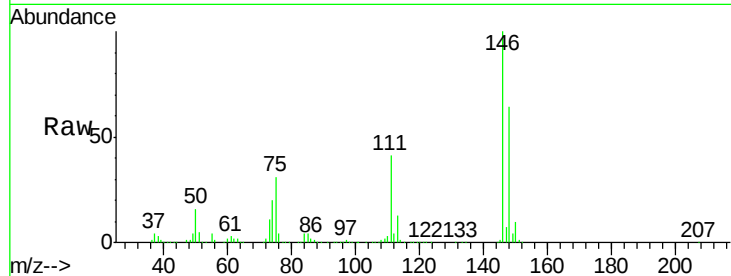
Tgt Ion:146 Resp: 312977

Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.5

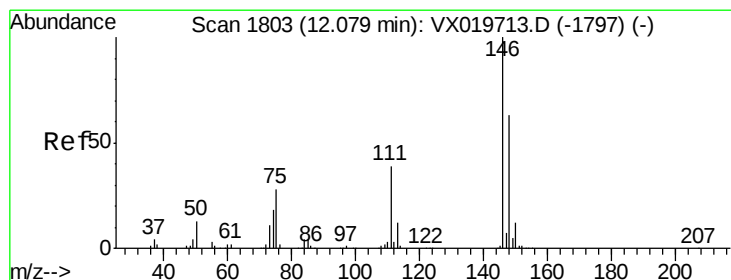
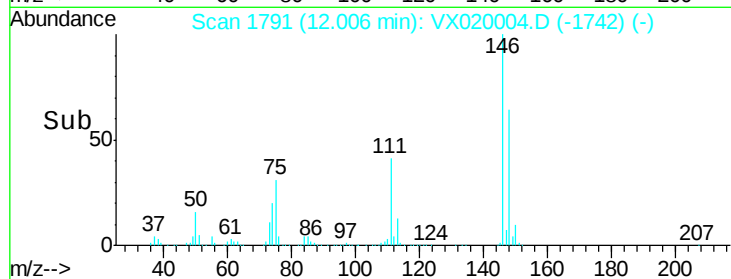
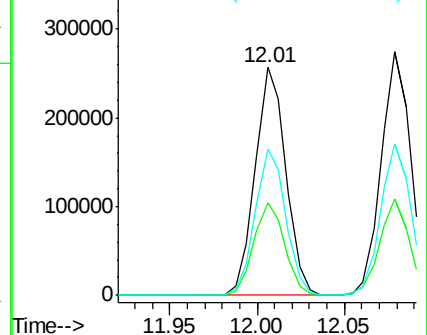
148 64.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.559 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX020004.D

Acq: 15 Dec 2020 12:00

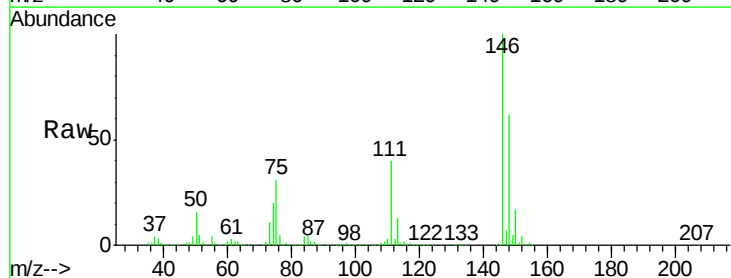
Tgt Ion:146 Resp: 322257

Ion Ratio Lower Upper

146 100

111 39.7 19.6 58.8

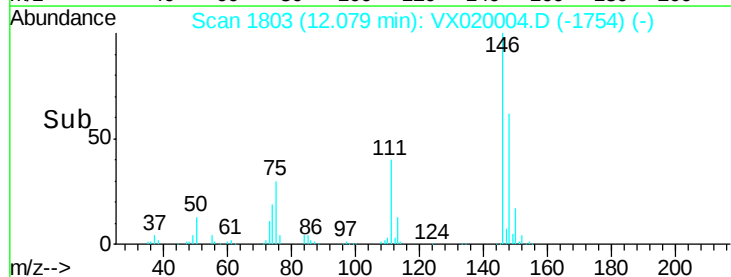
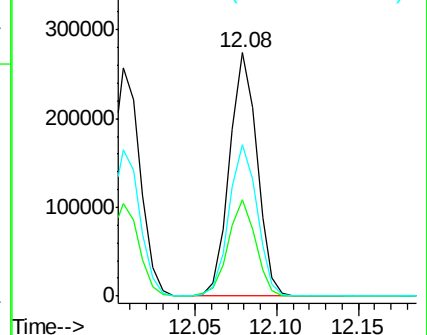
148 63.4 31.6 95.0

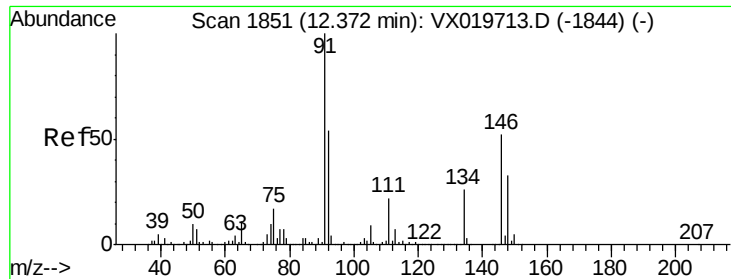


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

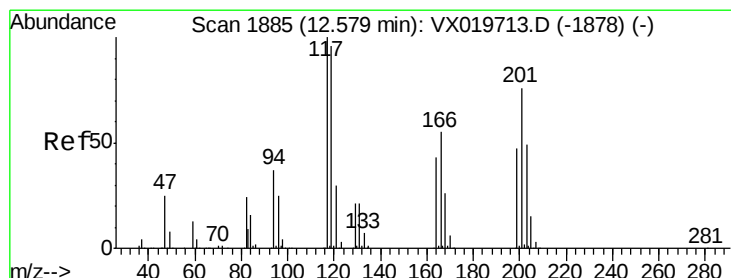
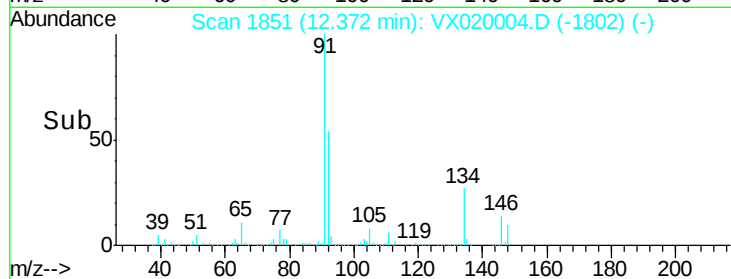
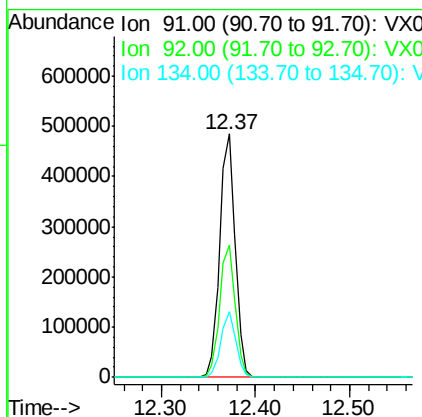
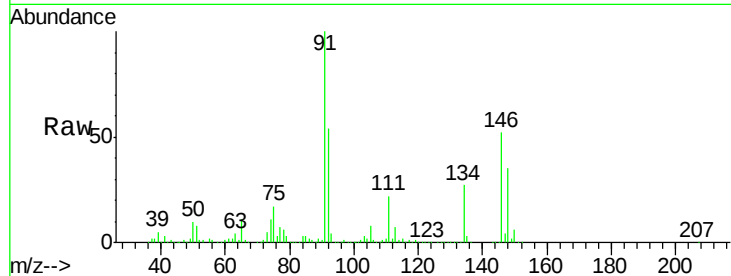




#89
n-Butylbenzene
Concen: 54.299 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

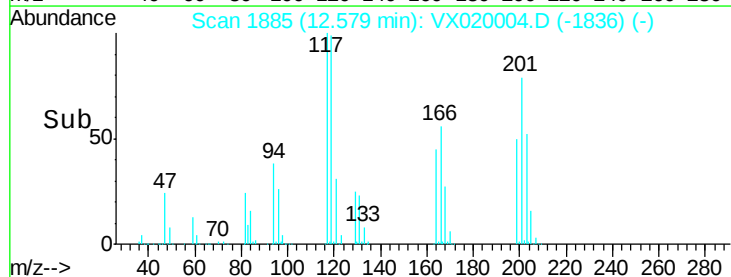
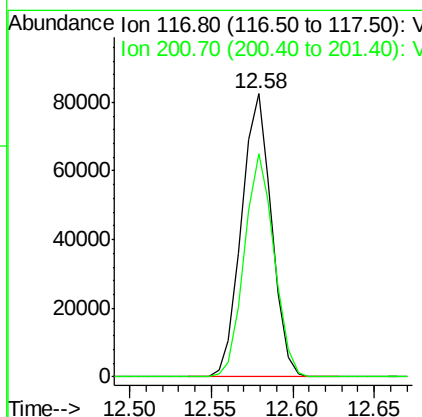
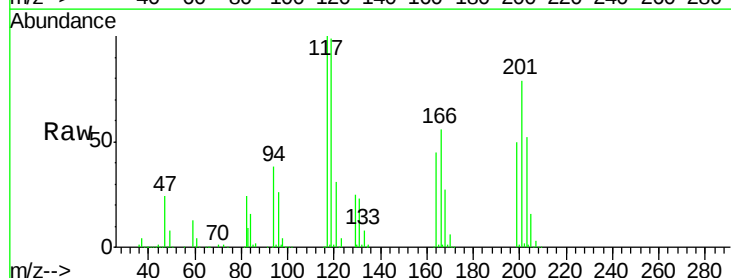
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

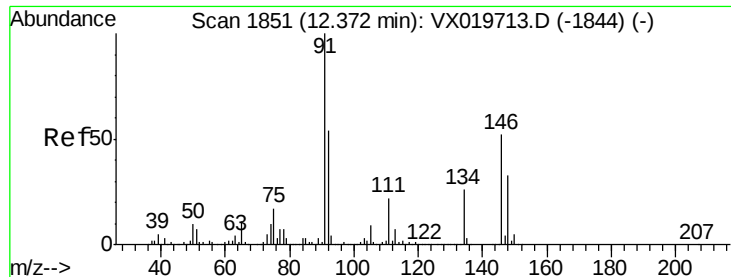
Tgt Ion: 91 Resp: 555145
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 25.9 13.2 39.5



#90
Hexachloroethane
Concen: 53.222 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion: 117 Resp: 106033
Ion Ratio Lower Upper
117 100
201 78.0 40.4 121.2

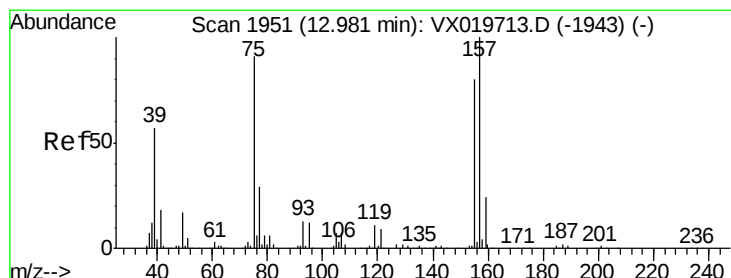
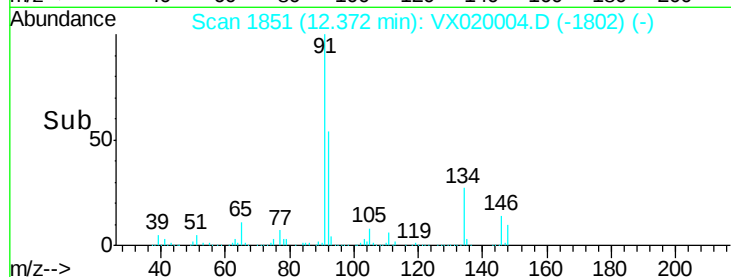
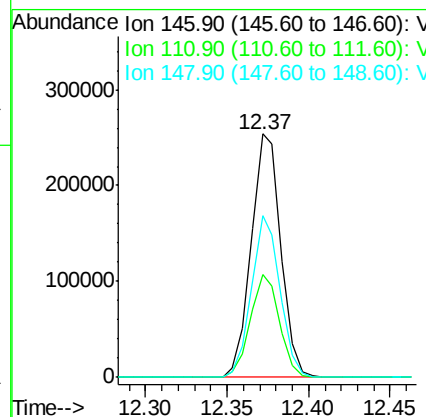
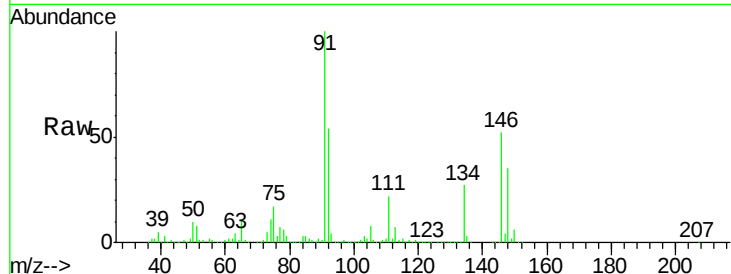




#91
 1,2-Dichlorobenzene
 Concen: 52.709 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

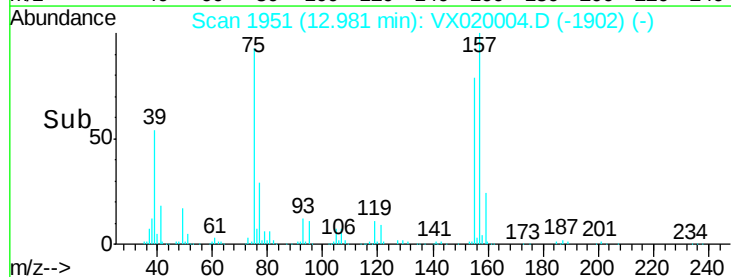
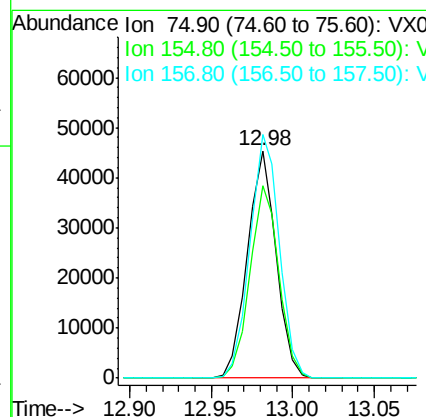
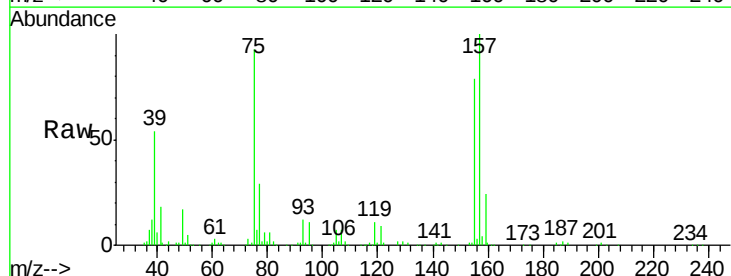
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

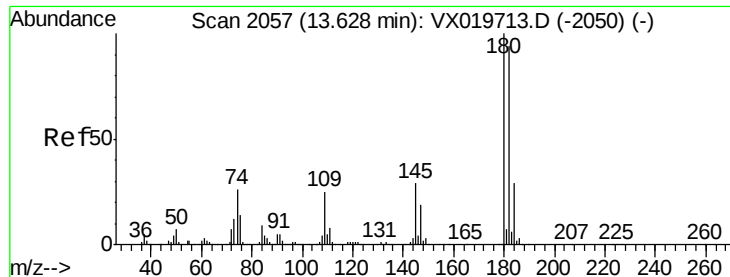
Tgt Ion:146 Resp: 321552
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.2
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.268 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion: 75 Resp: 55811
 Ion Ratio Lower Upper
 75 100
 155 85.3 45.3 135.9
 157 109.6 57.7 173.1

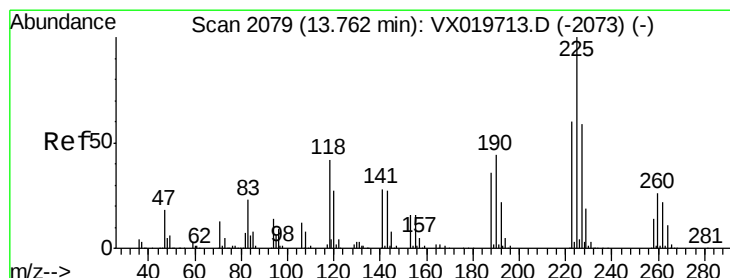
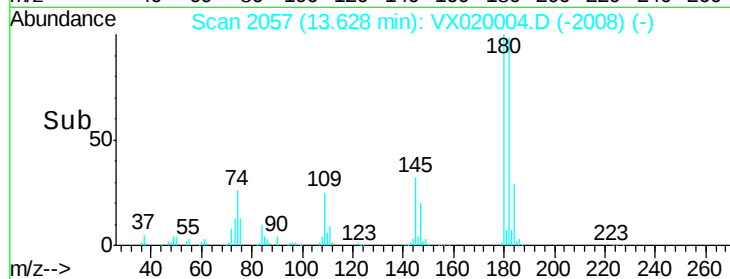
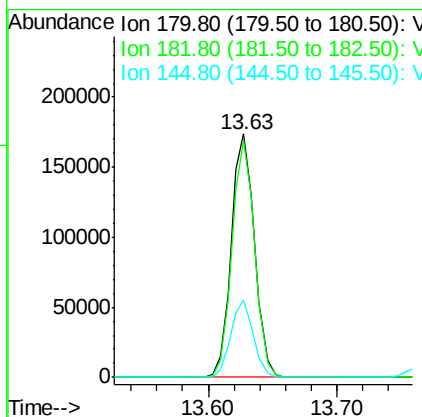
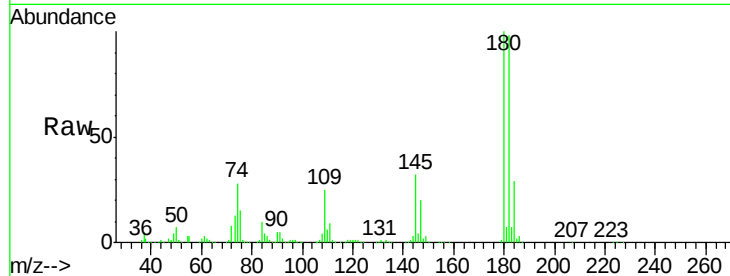




#93
 1,2,4-Trichlorobenzene
 Concen: 54.968 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

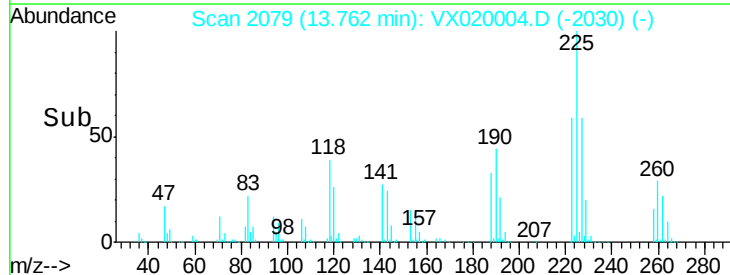
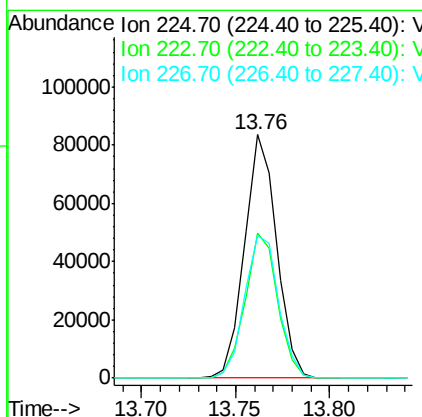
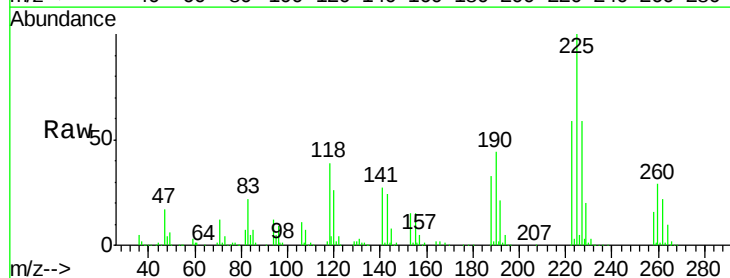
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

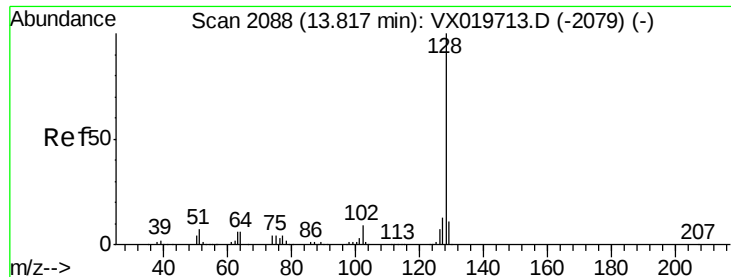
Tgt Ion:180 Resp: 218287
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 30.8 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 55.580 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX020004.D
 Acq: 15 Dec 2020 12:00

Tgt Ion:225 Resp: 98650
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.1 93.2
 227 62.3 31.6 95.0

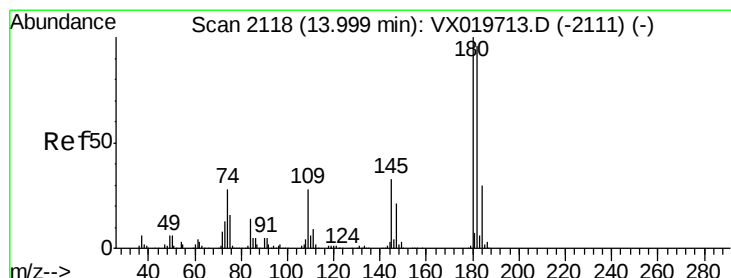
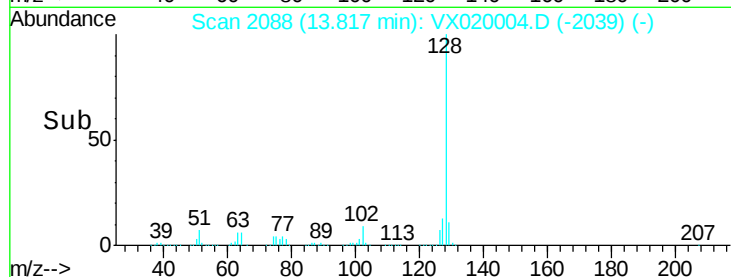
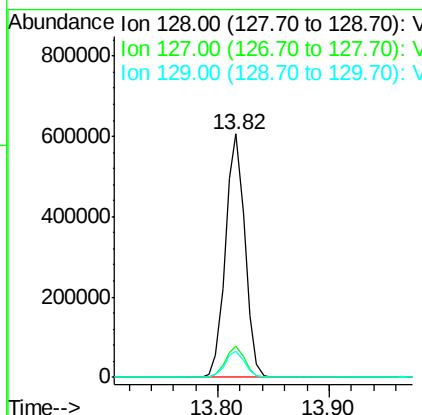
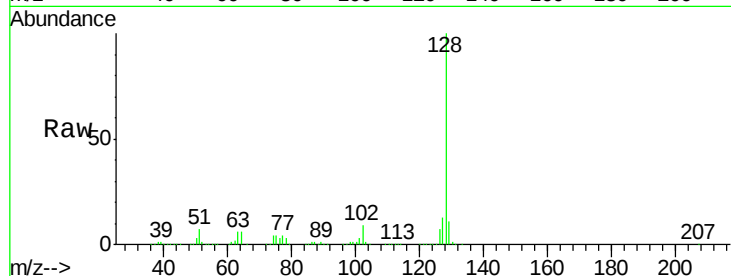




#95
Naphthalene
Concen: 56.576 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 728384
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.402 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX020004.D
Acq: 15 Dec 2020 12:00

Tgt Ion:180 Resp: 218895
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 32.1 16.1 48.3

