

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019863.D
 Acq On : 11 Dec 2020 06:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 11 07:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	456274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	417008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175262	48.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.60%
35) Dibromofluoromethane	5.46	113	142475	48.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.64%
50) Toluene-d8	8.70	98	555516	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%
62) 4-Bromofluorobenzene	11.12	95	211234	49.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121779	48.681	ug/l	99
3) Chloromethane	1.31	50	135999	46.227	ug/l	99
4) Vinyl Chloride	1.39	62	158260	51.018	ug/l	99
5) Bromomethane	1.62	94	44335	43.043	ug/l	99
6) Chloroethane	1.70	64	101737	54.596	ug/l	99
7) Trichlorofluoromethane	1.91	101	224008	51.852	ug/l	98
8) Diethyl Ether	2.17	74	95207	52.005	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133548	53.932	ug/l	99
10) Methyl Iodide	2.49	142	165822	45.432	ug/l	100
11) Tert butyl alcohol	3.01	59	187185	253.581	ug/l	100
12) 1,1-Dichloroethene	2.36	96	134638	53.782	ug/l	99
13) Acrolein	2.27	56	85013	214.469	ug/l	99
14) Allyl chloride	2.70	41	213280	50.444	ug/l	98
15) Acrylonitrile	3.11	53	437597	269.550	ug/l	99
16) Acetone	2.42	43	349687	259.065	ug/l	100
17) Carbon Disulfide	2.55	76	320204	44.577	ug/l	100
18) Methyl Acetate	2.75	43	188344	57.020	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	497644	54.584	ug/l	100
20) Methylene Chloride	2.83	84	160715	52.217	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	150046	51.410	ug/l	96
22) Diisopropyl ether	3.82	45	473572	55.398	ug/l	93
23) Vinyl Acetate	3.78	43	1996332	274.111	ug/l	100
24) 1,1-Dichloroethane	3.67	63	274261	53.203	ug/l	100
25) 2-Butanone	4.63	43	559712	269.856	ug/l	99
26) 2,2-Dichloropropane	4.55	77	173346	39.048	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	177496	51.967	ug/l	97
28) Bromochloromethane	4.98	49	121855	49.586	ug/l	100
29) Tetrahydrofuran	5.09	42	362283	271.104	ug/l	99
30) Chloroform	5.17	83	284822	53.735	ug/l	98
31) Cyclohexane	5.54	56	237419	53.149	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	243148	53.267	ug/l	100
36) 1,1-Dichloropropene	5.77	75	207145	50.241	ug/l	99
37) Ethyl Acetate	4.79	43	217363	52.214	ug/l	100
38) Carbon Tetrachloride	5.76	117	204435	50.634	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	244780	50.532	ug/l	97
40) Benzene	6.11	78	644081	51.139	ug/l	100
41) Methacrylonitrile	5.00	41	117677	51.486	ug/l	99
42) 1,2-Dichloroethane	6.16	62	221627	51.503	ug/l	99
43) Isopropyl Acetate	6.41	43	350514	51.790	ug/l	100
44) Trichloroethene	7.18	130	167555	50.704	ug/l	100
45) 1,2-Dichloropropane	7.49	63	165373	52.537	ug/l	99
46) Dibromomethane	7.63	93	110691	52.072	ug/l	100
47) Bromodichloromethane	7.87	83	217188	51.489	ug/l	99
48) Methyl methacrylate	7.74	41	176137	52.916	ug/l	99
49) 1,4-Dioxane	7.71	88	76855	953.134	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1109674	268.550	ug/l	100
52) Toluene	8.76	92	417898	53.052	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	231714	49.503	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	254954	50.136	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	167116	52.645	ug/l	99
56) Ethyl methacrylate	9.16	69	261444	54.436	ug/l	99
57) 1,3-Dichloropropane	9.35	76	284534	52.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	691138	271.640	ug/l	100
59) 2-Hexanone	9.47	43	846134	264.175	ug/l	99
60) Dibromochloromethane	9.56	129	169121	52.438	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173372	51.433	ug/l	99
64) Tetrachloroethene	9.32	164	153932	55.044	ug/l	98
65) Chlorobenzene	10.12	112	428027	51.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160606	53.710	ug/l	99
67) Ethyl Benzene	10.23	91	784228	53.179	ug/l	100
68) m/p-Xylenes	10.34	106	590949	106.345	ug/l	98
69) o-Xylene	10.68	106	289307	54.122	ug/l	99
70) Styrene	10.69	104	485090	53.765	ug/l	99
71) Bromoform	10.84	173	124299	52.840	ug/l	100
73) Isopropylbenzene	11.00	105	763064	52.787	ug/l	100
74) N-amyl acetate	10.88	43	307261	53.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	264082	51.817	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	300982	63.424	ug/l	87
77) Bromobenzene	11.24	156	186198	50.333	ug/l	98
78) n-propylbenzene	11.34	91	867888	52.566	ug/l	99
79) 2-Chlorotoluene	11.40	91	526386	51.772	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	642870	52.694	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77171	47.010	ug/l	98
82) 4-Chlorotoluene	11.49	91	616286	51.754	ug/l	99
83) tert-Butylbenzene	11.76	119	625258	52.256	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	669400	54.470	ug/l	100
85) sec-Butylbenzene	11.93	105	734526	53.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	668063	53.360	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	342123	50.389	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	343157	49.622	ug/l	100
89) n-Butylbenzene	12.37	91	586047	52.834	ug/l	100
90) Hexachloroethane	12.58	117	112951	52.255	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	338773	51.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57845	52.797	ug/l	99

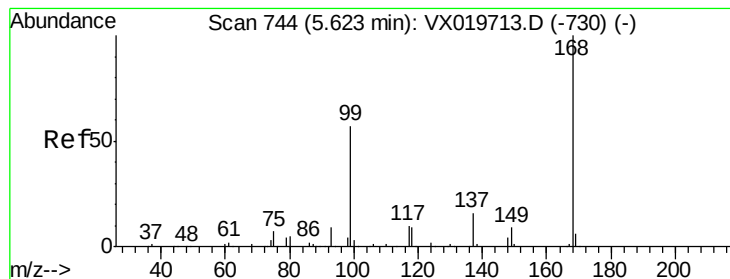
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	229483	53.263	ug/l	98
94) Hexachlorobutadiene	13.76	225	100018	51.938	ug/l	99
95) Naphthalene	13.82	128	798116	57.138	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	227137	53.943	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

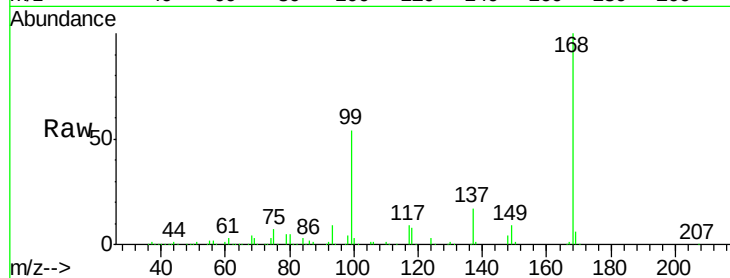
VSTDCCC050EC

Tgt Ion:168 Resp: 273234

Ion Ratio Lower Upper

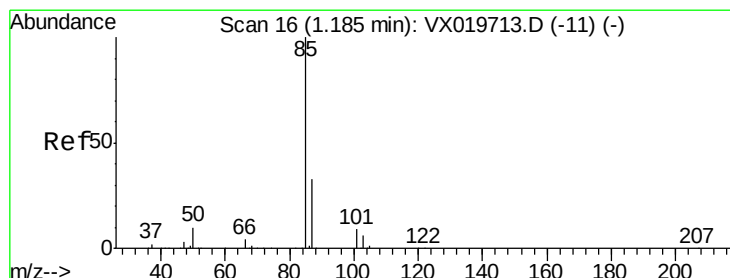
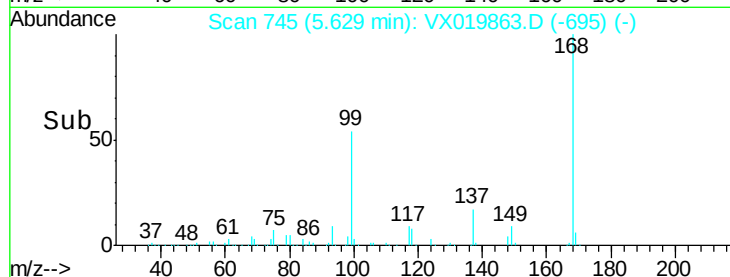
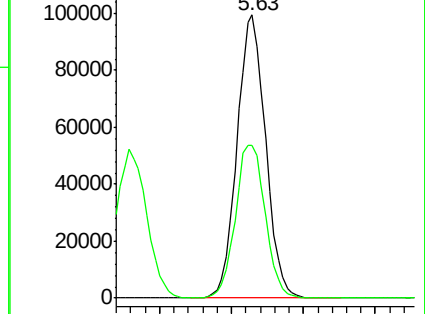
168 100

99 53.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.681 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019863.D

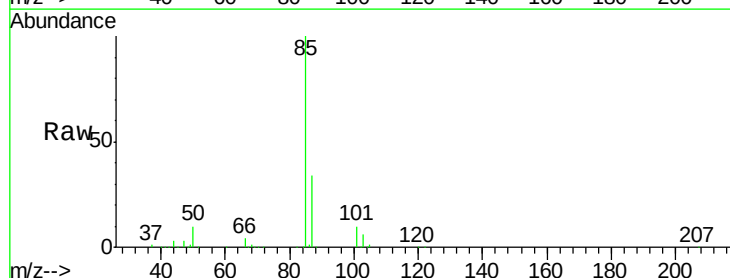
Acq: 11 Dec 2020 06:59

Tgt Ion: 85 Resp: 121779

Ion Ratio Lower Upper

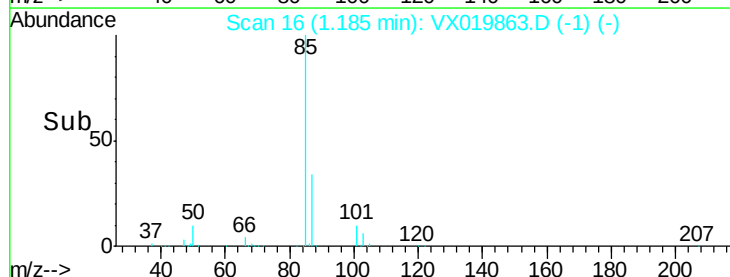
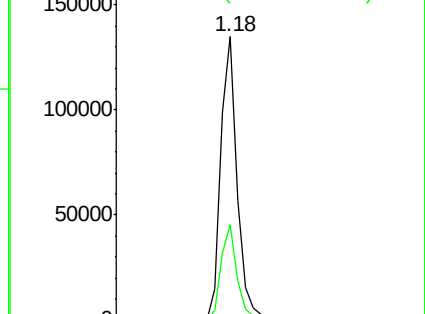
85 100

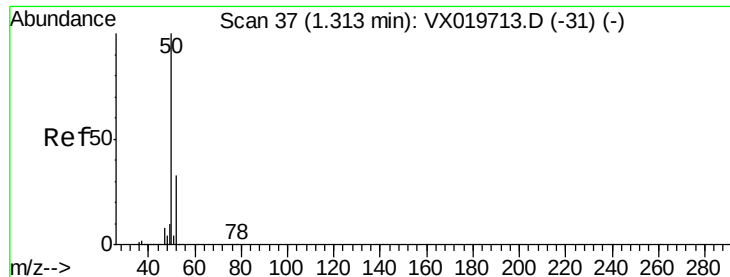
87 33.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.227 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

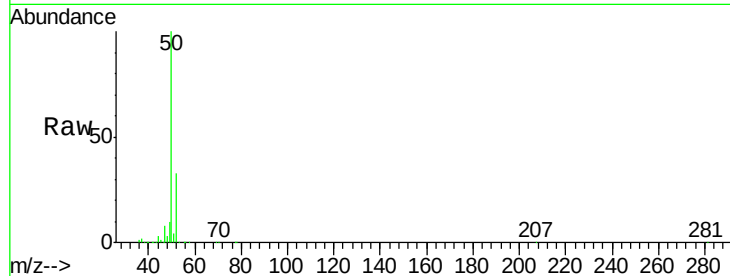
VSTDCCC050EC

Tgt Ion: 50 Resp: 135999

Ion Ratio Lower Upper

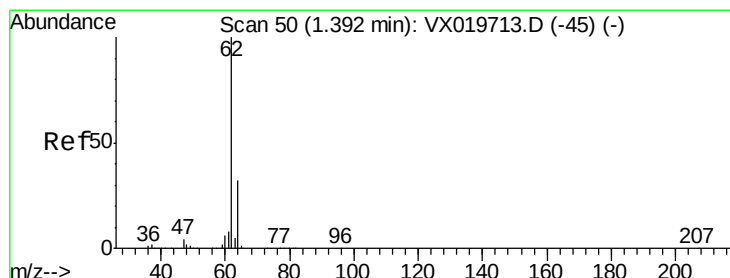
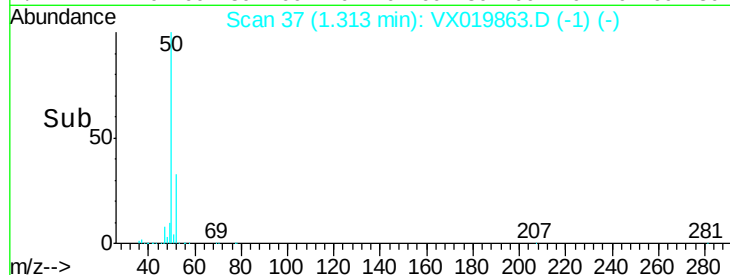
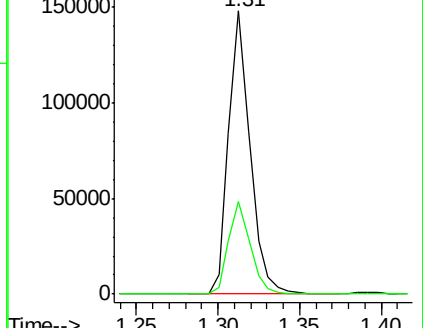
50 100

52 32.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.018 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019863.D

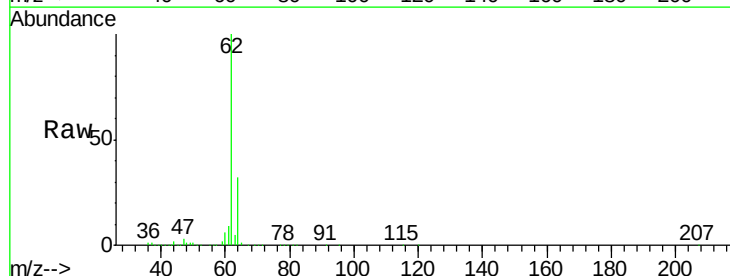
Acq: 11 Dec 2020 06:59

Tgt Ion: 62 Resp: 158260

Ion Ratio Lower Upper

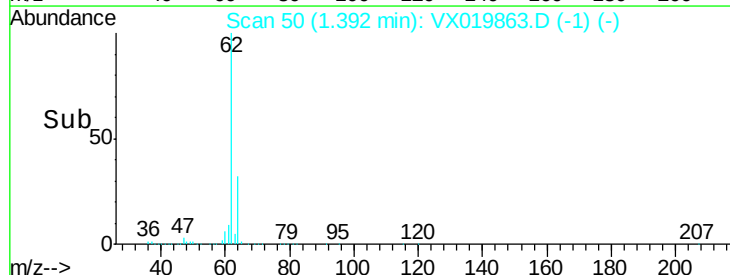
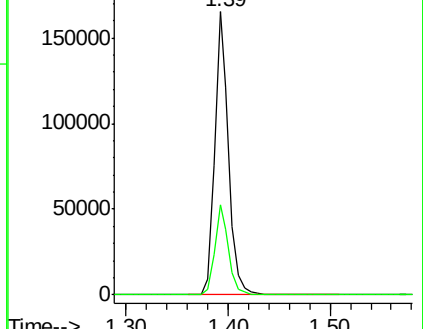
62 100

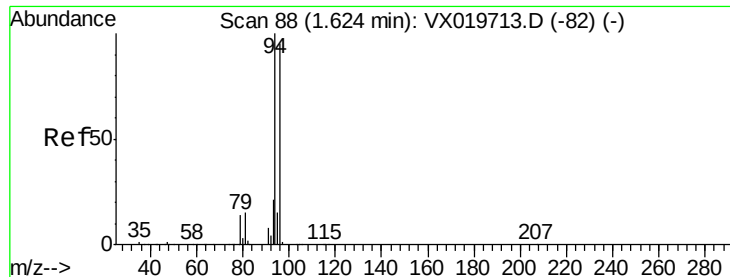
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.043 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

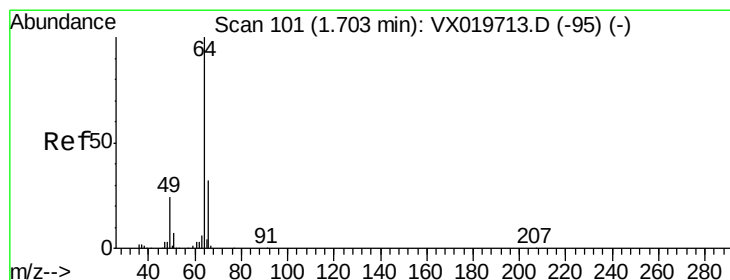
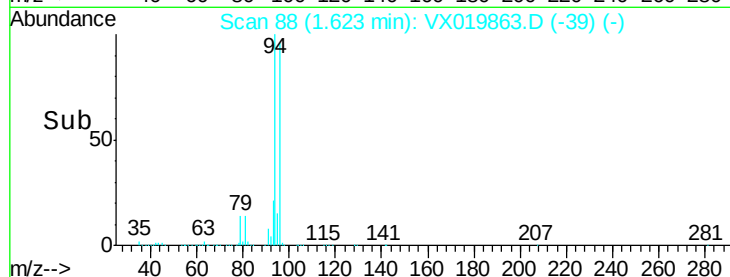
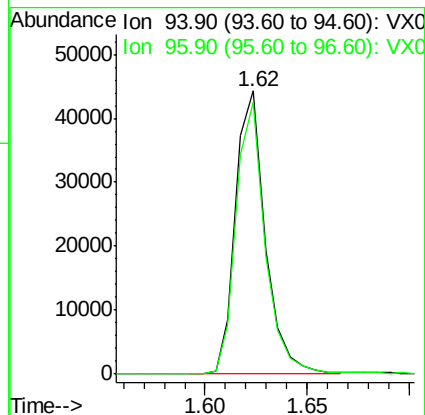
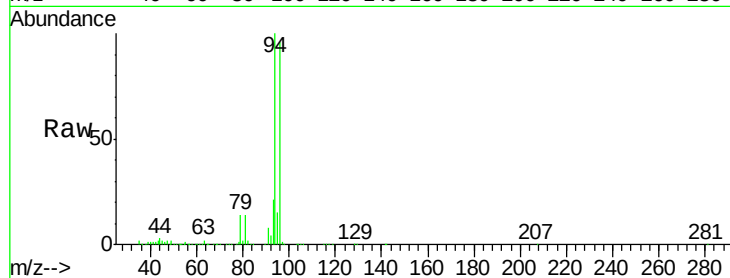
VSTDCCC050EC

Tgt Ion: 94 Resp: 44335

Ion Ratio Lower Upper

94 100

96 96.0 76.4 114.6



#6

Chloroethane

Concen: 54.596 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019863.D

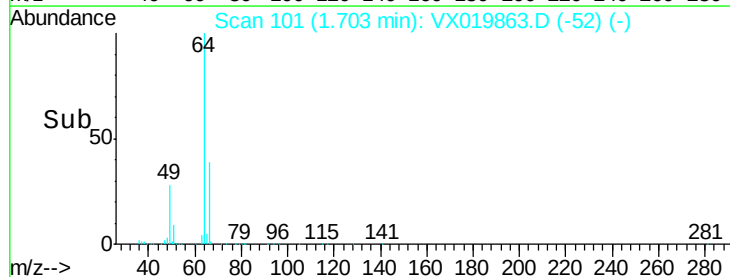
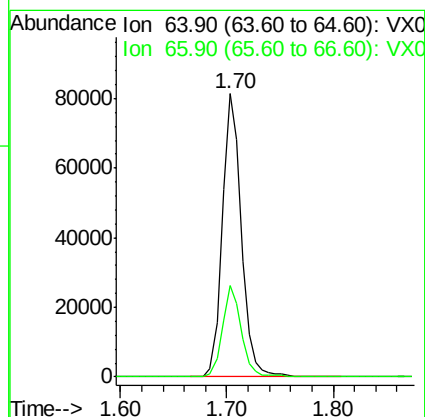
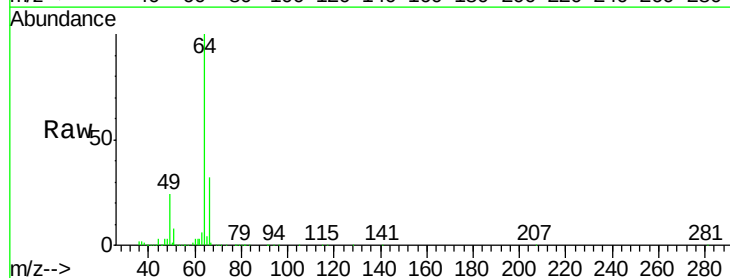
Acq: 11 Dec 2020 06:59

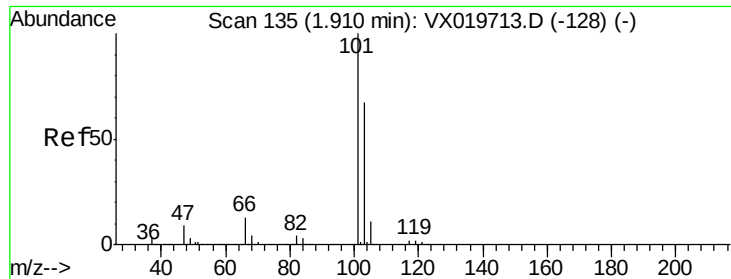
Tgt Ion: 64 Resp: 101737

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.0



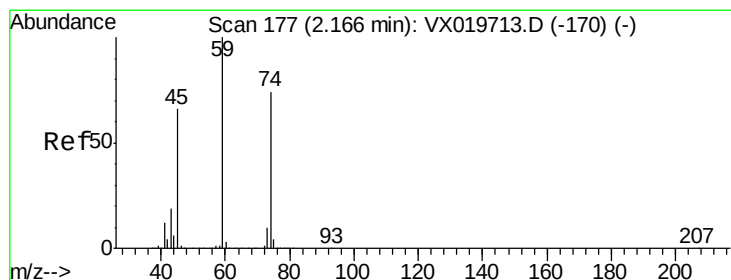
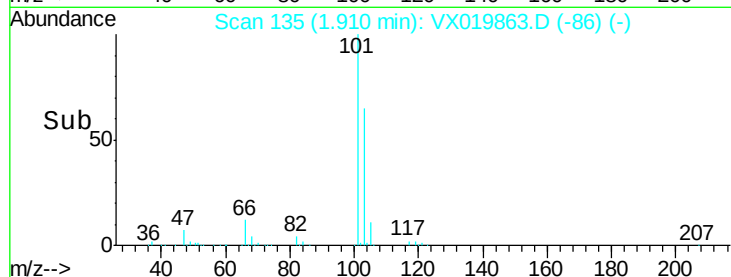
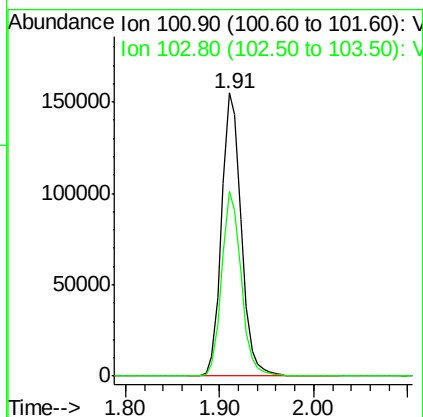
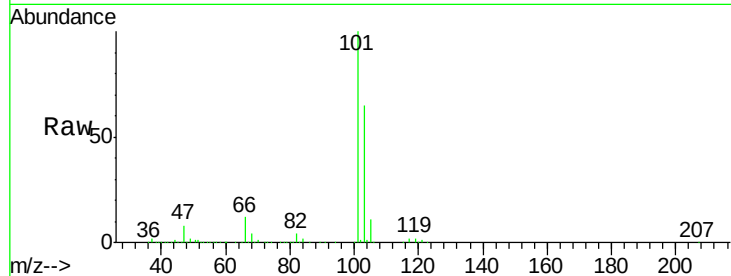


#7

Trichlorofluoromethane
 Concen: 51.852 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

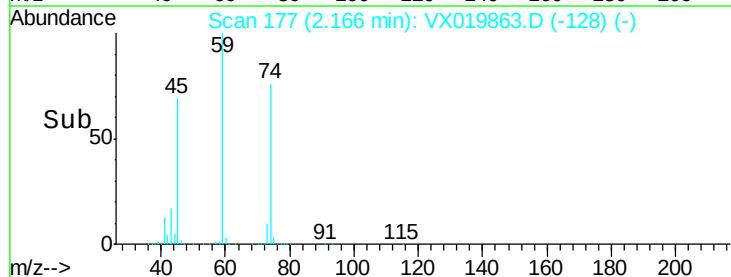
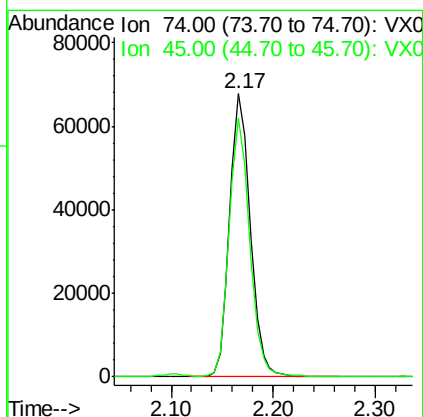
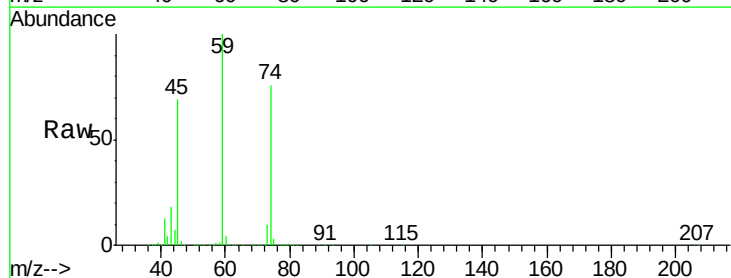
Tgt Ion:101 Resp: 224008
 Ion Ratio Lower Upper
 101 100
 103 65.2 53.2 79.8

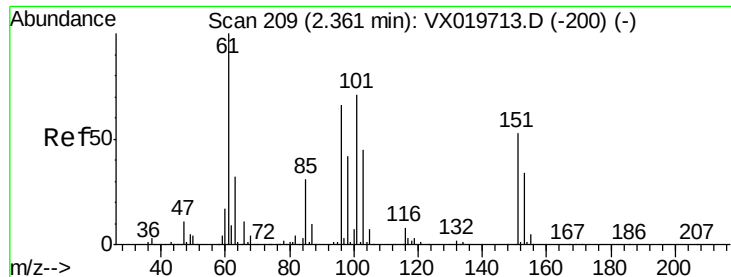


#8

Diethyl Ether
 Concen: 52.005 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 74 Resp: 95207
 Ion Ratio Lower Upper
 74 100
 45 89.9 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.932 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

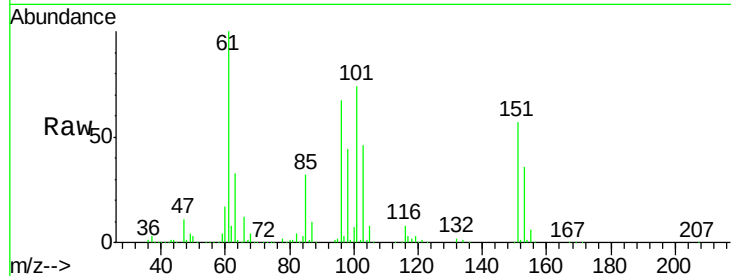
Tgt Ion:101 Resp: 133548

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

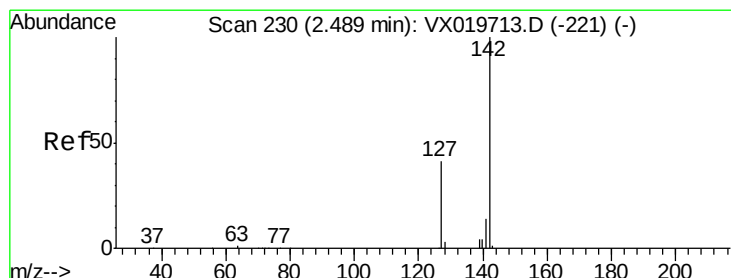
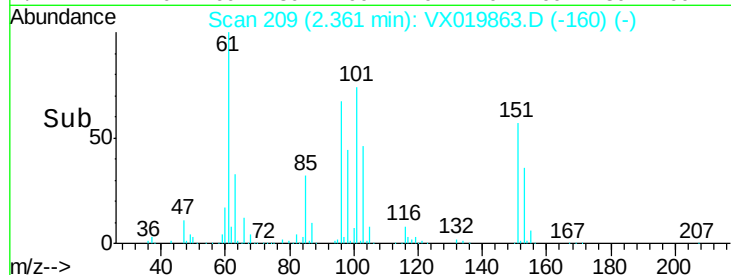
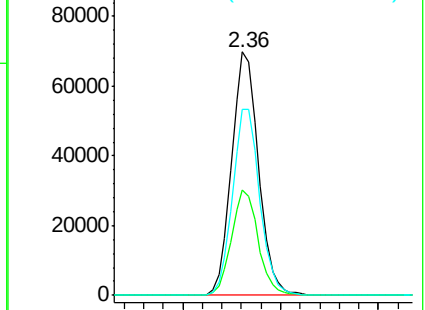
151 77.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.432 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

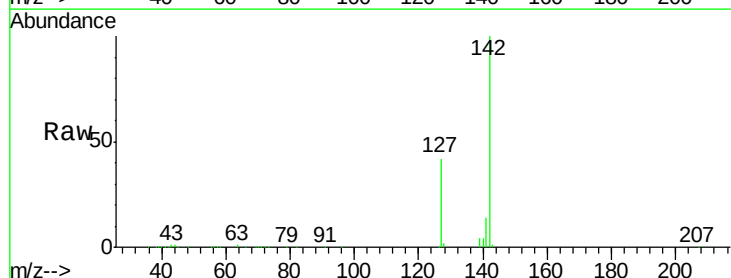
Tgt Ion:142 Resp: 165822

Ion Ratio Lower Upper

142 100

127 41.7 33.3 49.9

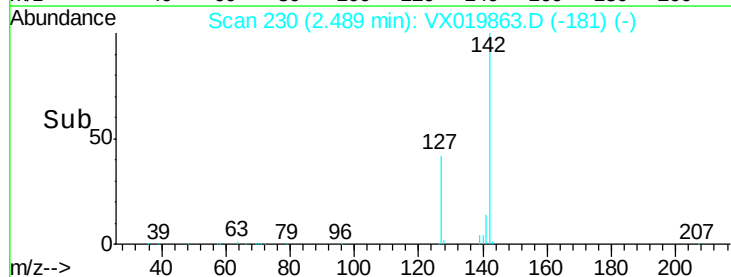
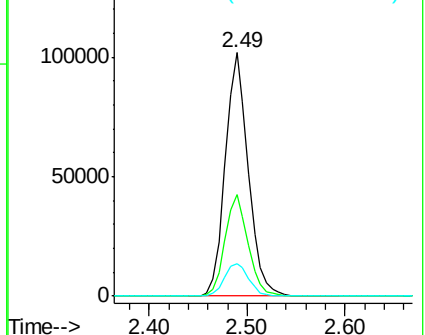
141 14.2 11.4 17.0

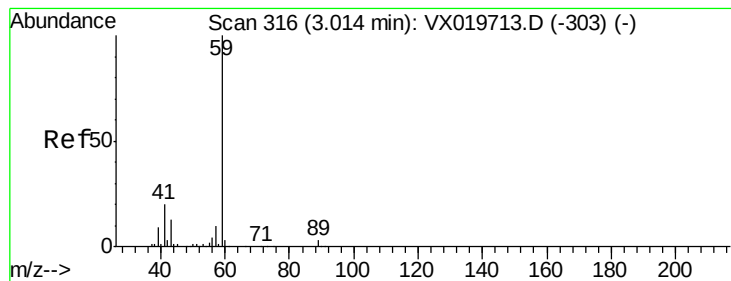


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



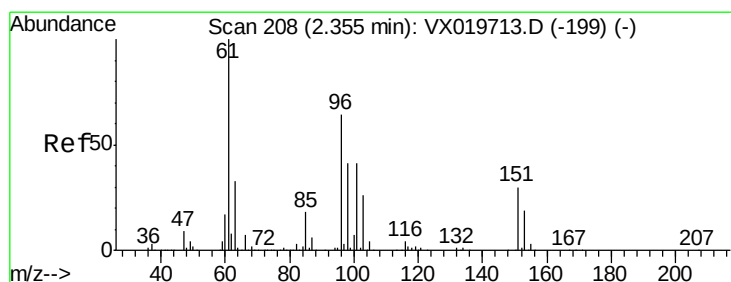
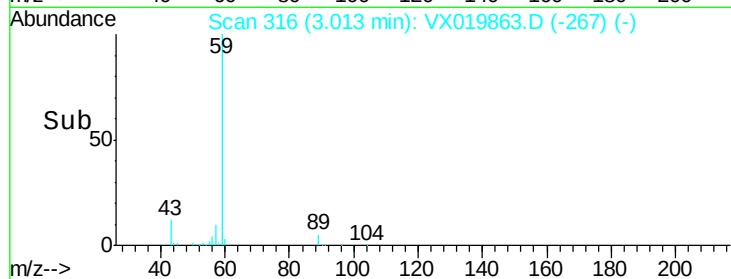
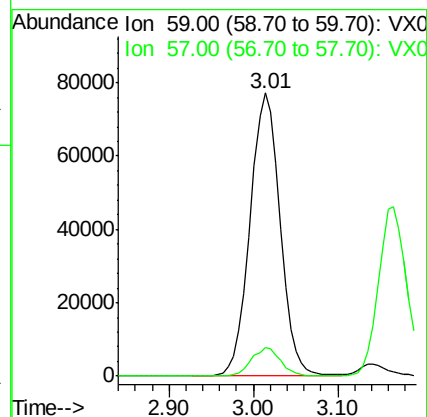
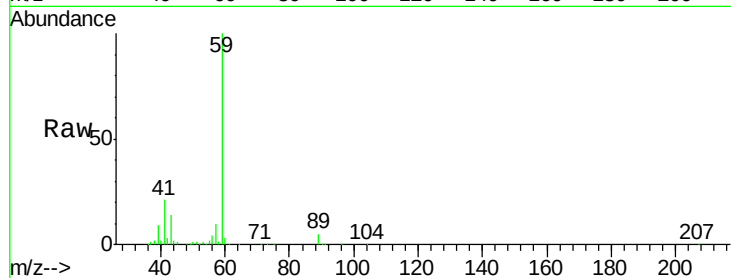


#11

Tert butyl alcohol
Concen: 253.581 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

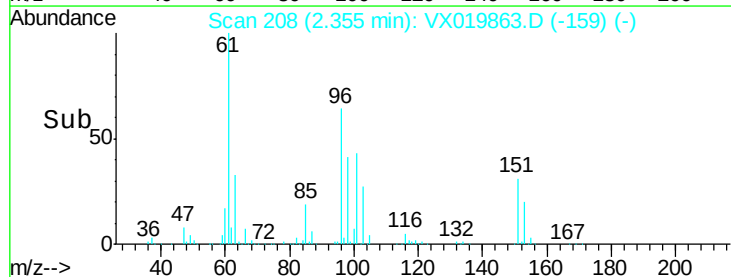
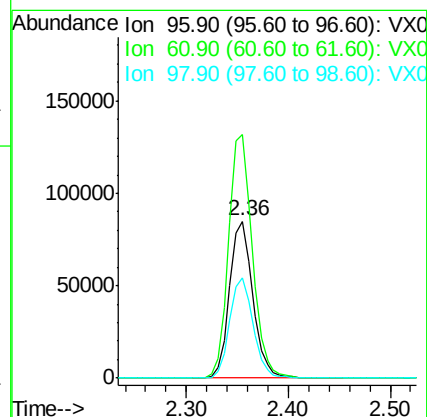
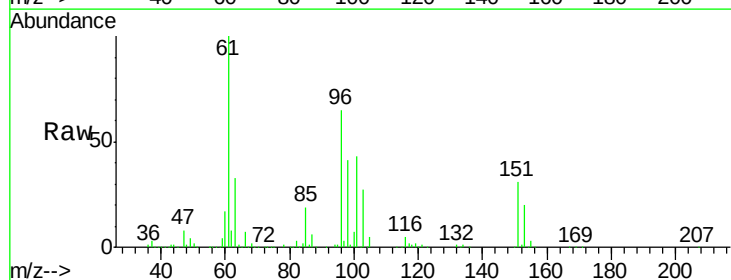
Tgt Ion: 59 Resp: 187185
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

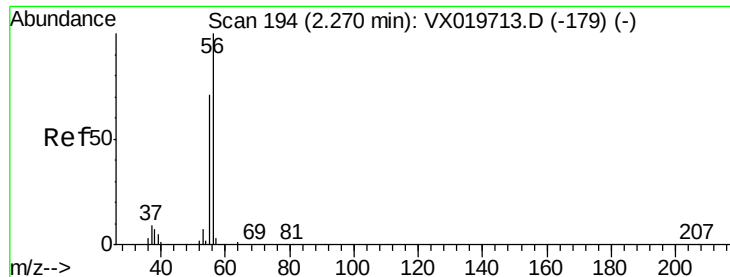


#12

1,1-Dichloroethene
Concen: 53.782 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 96 Resp: 134638
Ion Ratio Lower Upper
96 100
61 155.0 124.6 187.0
98 63.5 50.6 76.0





#13

Acrolein

Concen: 214.469 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

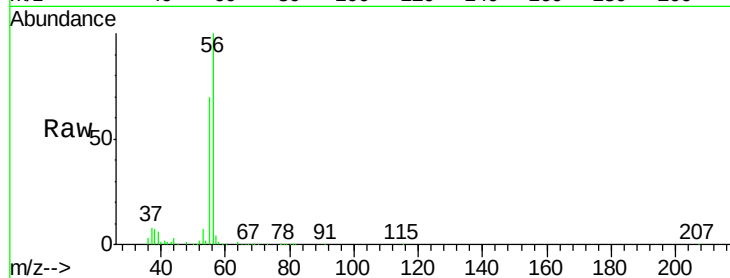
VSTDCCC050EC

Tgt Ion: 56 Resp: 85013

Ion Ratio Lower Upper

56 100

55 70.9 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

60000

50000

40000

30000

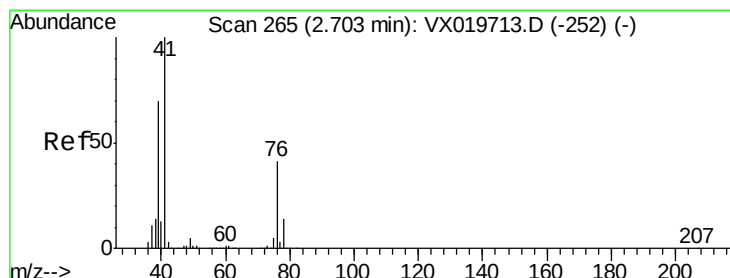
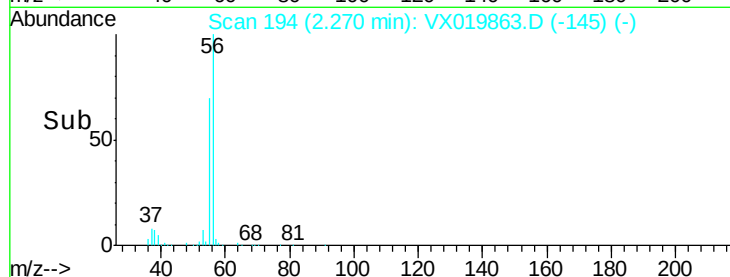
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 50.444 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

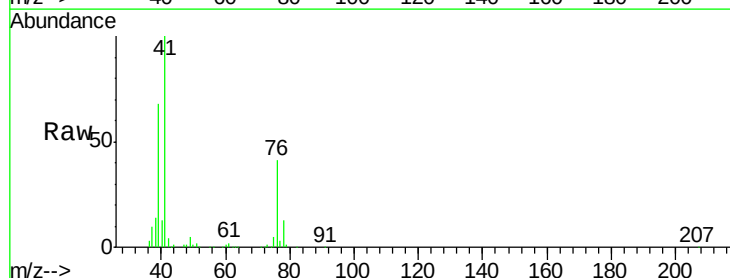
Tgt Ion: 41 Resp: 213280

Ion Ratio Lower Upper

41 100

39 62.5 51.6 77.4

76 37.0 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

200000

150000

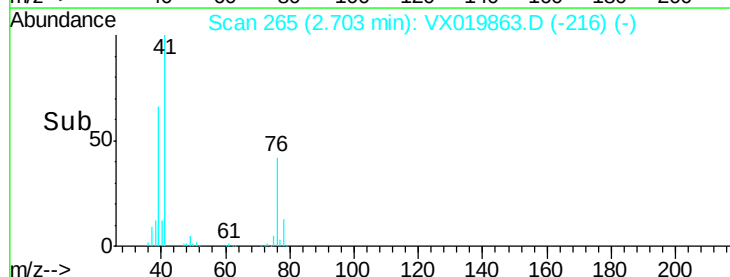
100000

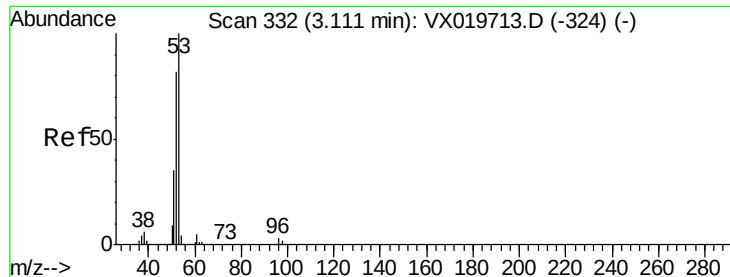
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 269.550 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

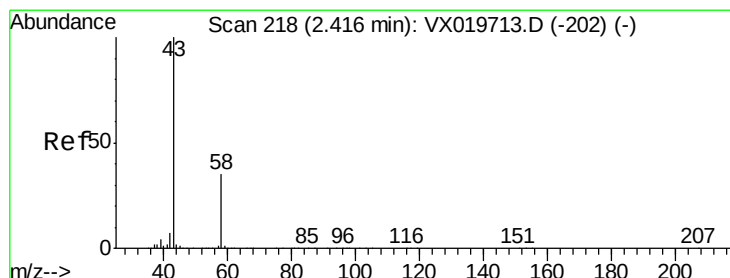
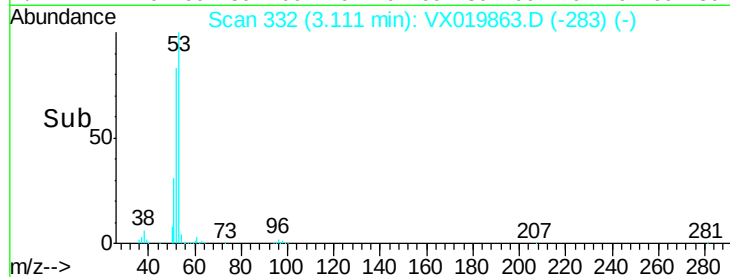
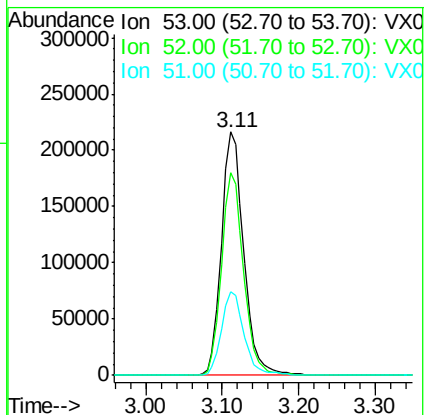
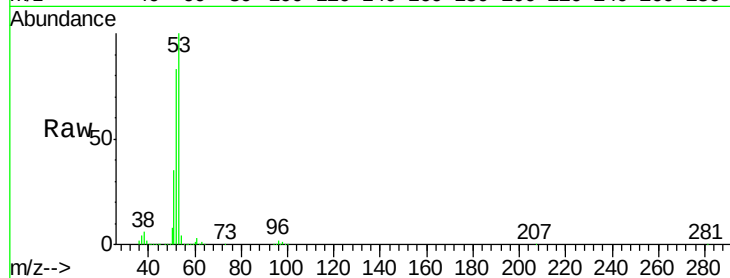
Tgt Ion: 53 Resp: 437597

Ion Ratio Lower Upper

53 100

52 82.2 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 259.065 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019863.D

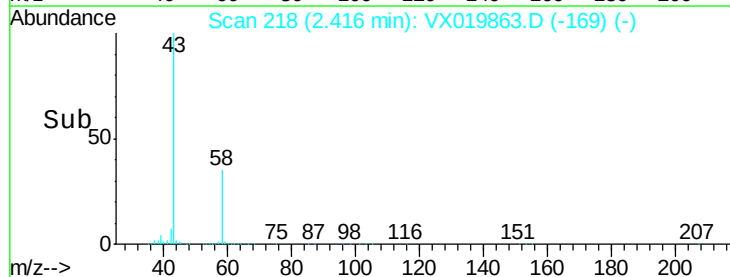
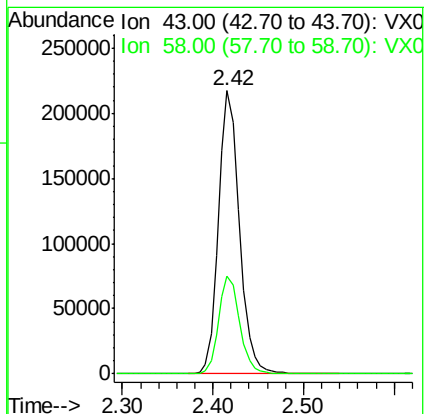
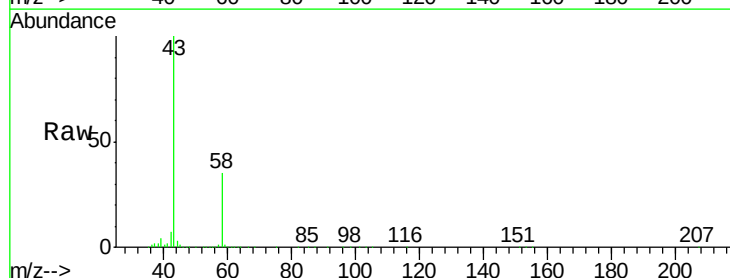
Acq: 11 Dec 2020 06:59

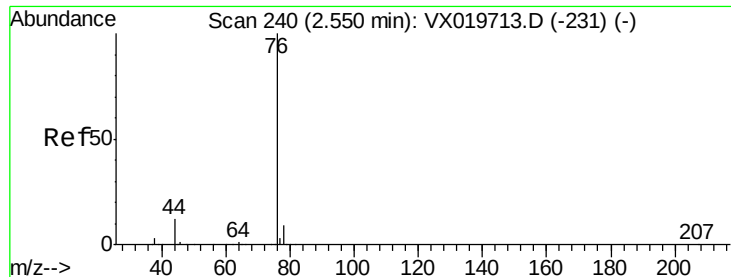
Tgt Ion: 43 Resp: 349687

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8

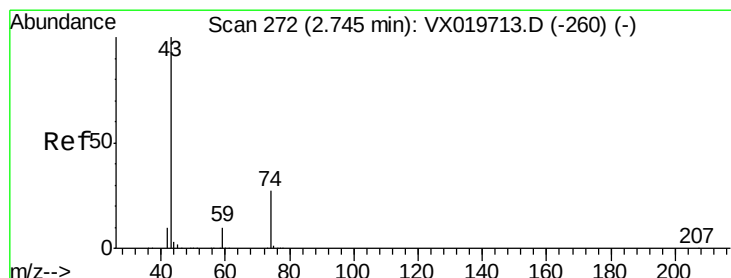
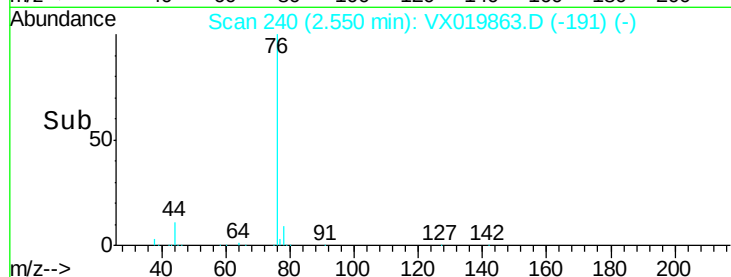
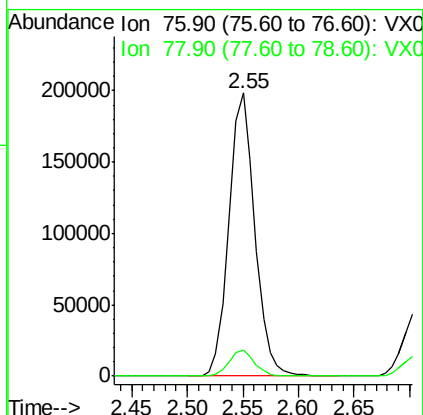
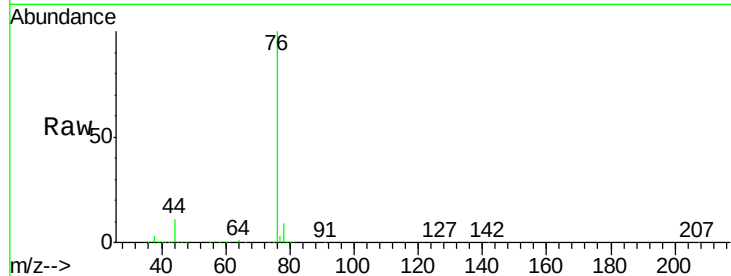




#17
Carbon Disulfide
Concen: 44.577 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

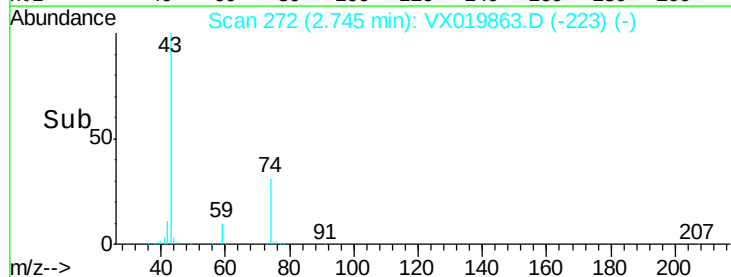
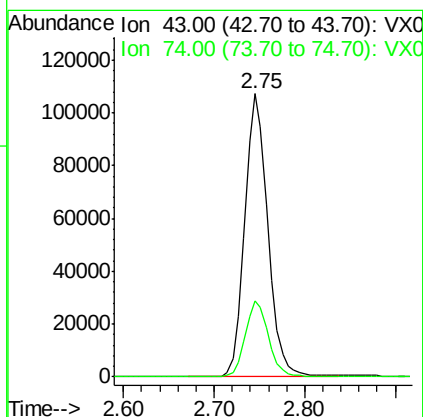
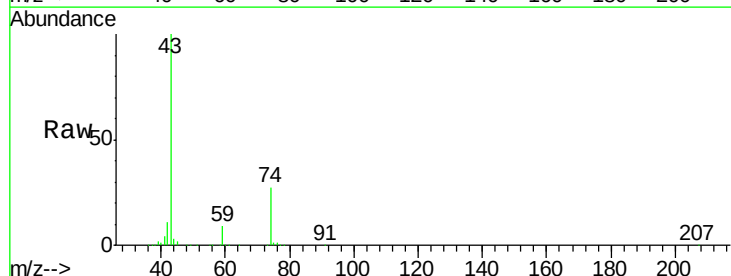
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

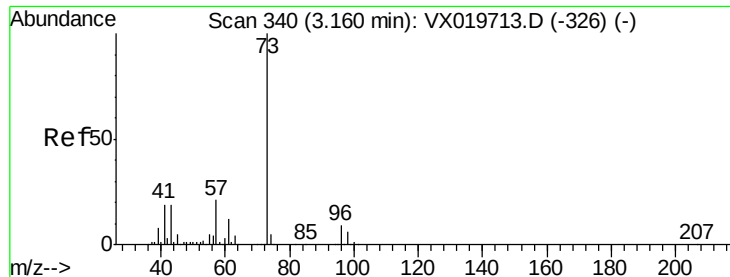
Tgt Ion: 76 Resp: 320204
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 57.020 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 43 Resp: 188344
Ion Ratio Lower Upper
43 100
74 27.3 21.9 32.9

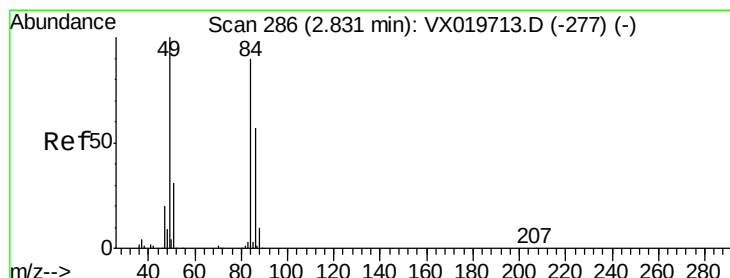
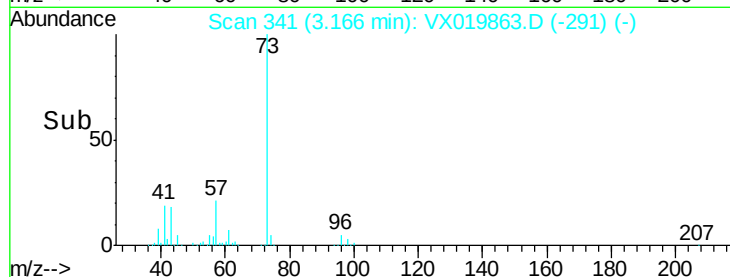
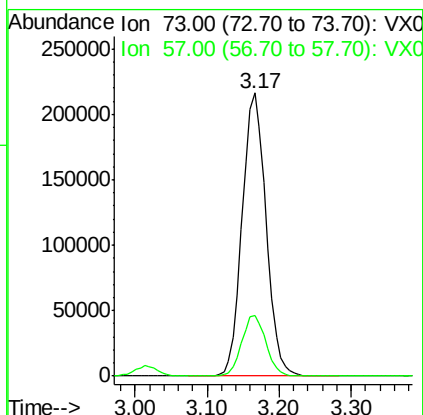
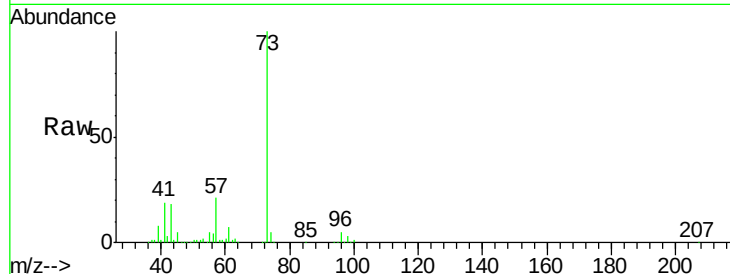




#19
Methyl tert-butyl Ether
Concen: 54.584 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

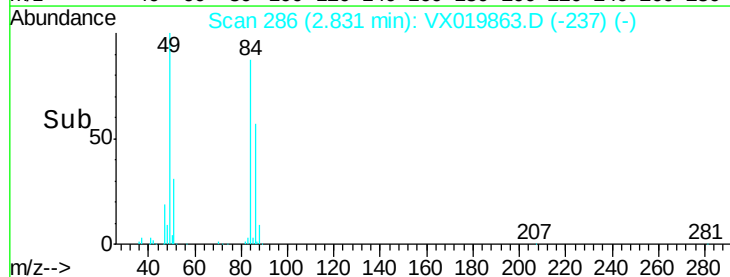
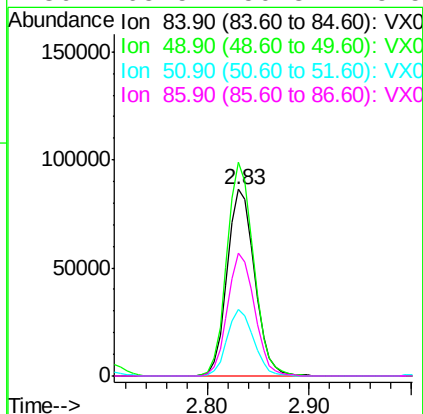
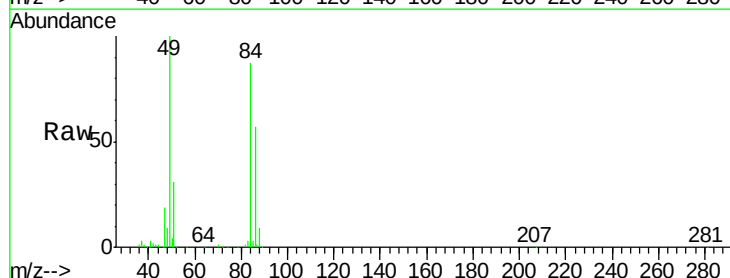
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

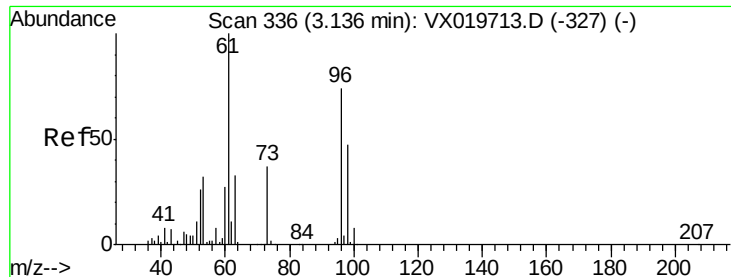
Tgt Ion: 73 Resp: 497644
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 52.217 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 84 Resp: 160715
Ion Ratio Lower Upper
84 100
49 114.4 88.6 132.8
51 36.0 27.0 40.6
86 65.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.410 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

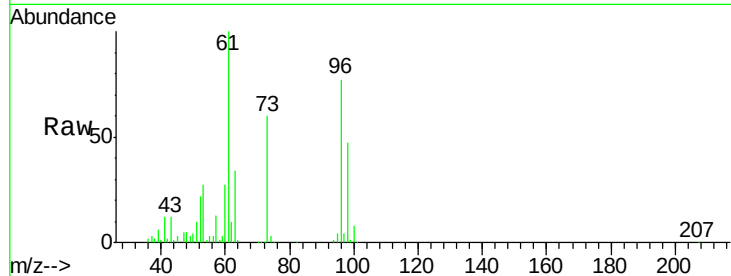
Tgt Ion: 96 Resp: 150046

Ion Ratio Lower Upper

96 100

61 129.5 107.7 161.5

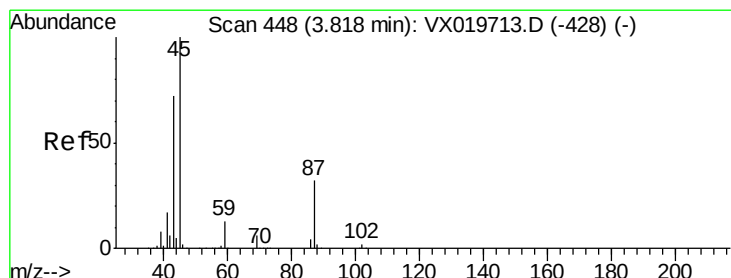
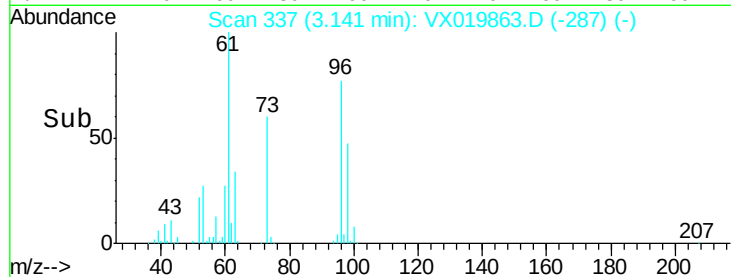
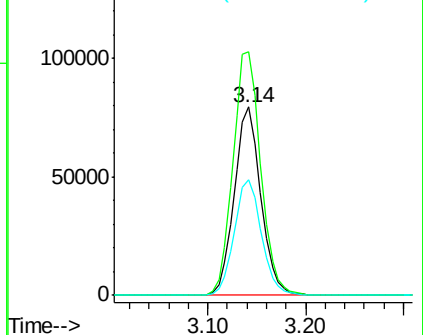
98 61.4 50.4 75.6



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: 55.398 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Tgt Ion: 45 Resp: 473572

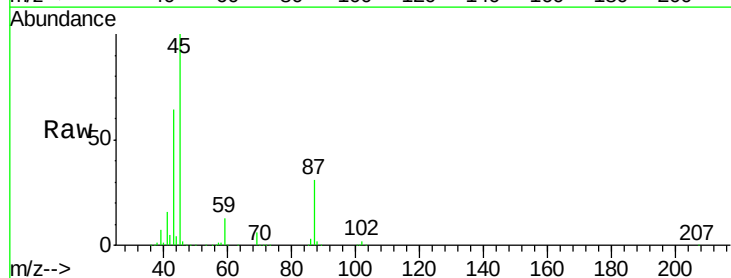
Ion Ratio Lower Upper

45 100

43 63.7 58.0 87.0

87 30.6 25.4 38.0

59 12.6 10.2 15.2

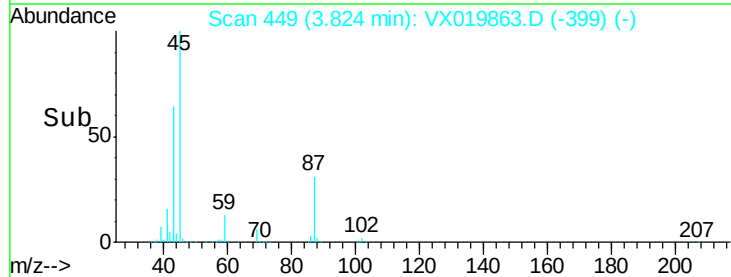
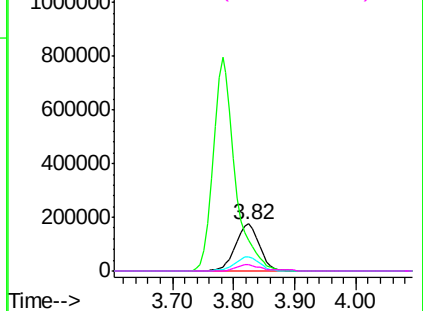


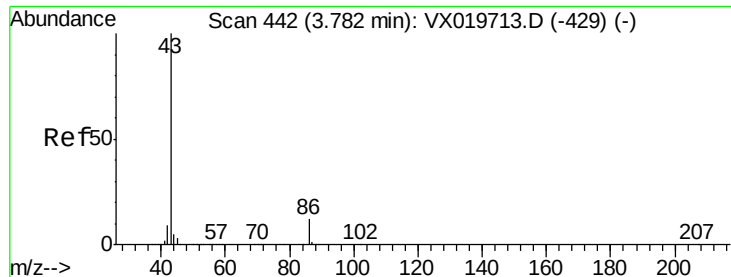
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 274.111 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

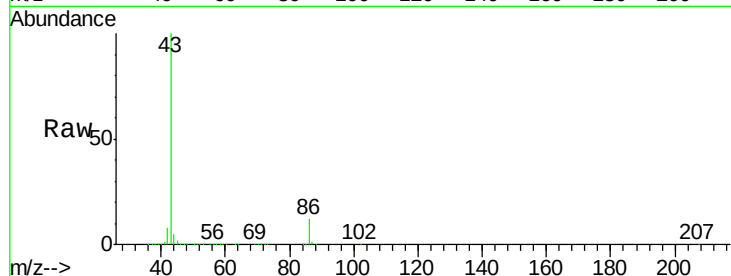
VSTDCCC050EC

Tgt Ion: 43 Resp: 1996332

Ion Ratio Lower Upper

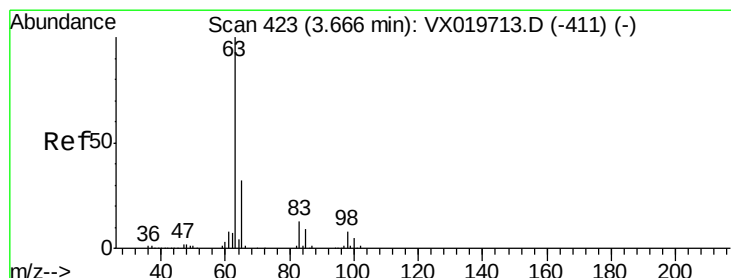
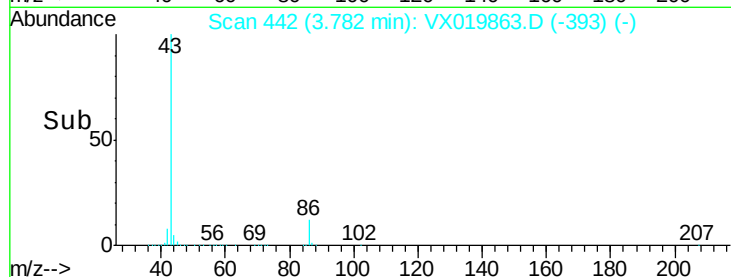
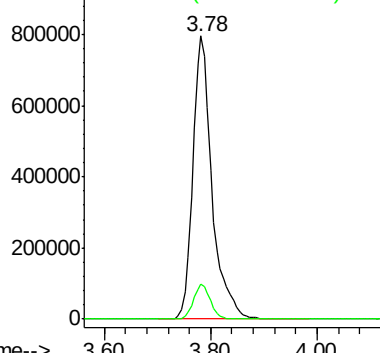
43 100

86 12.3 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.203 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

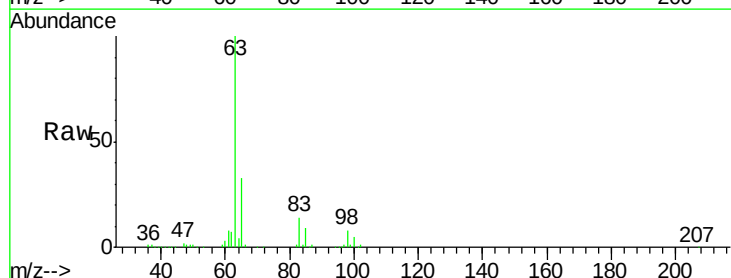
Tgt Ion: 63 Resp: 274261

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

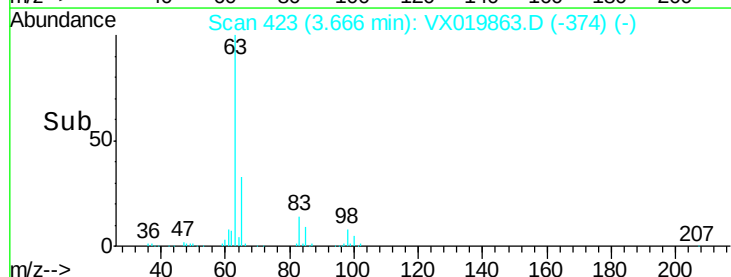
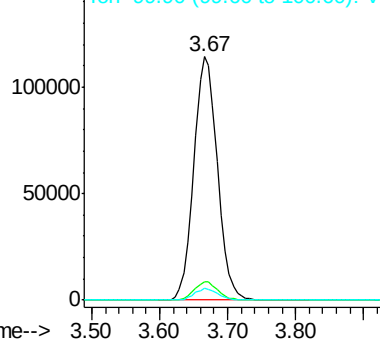
100 4.8 2.5 7.5

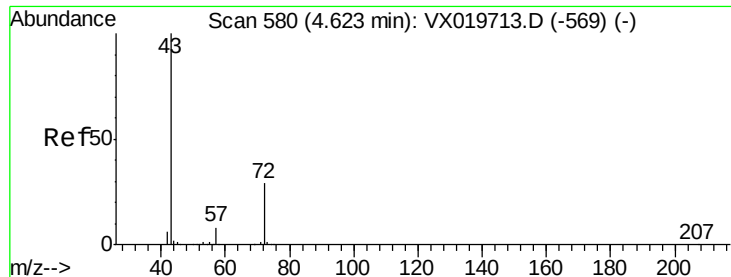


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 269.856 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

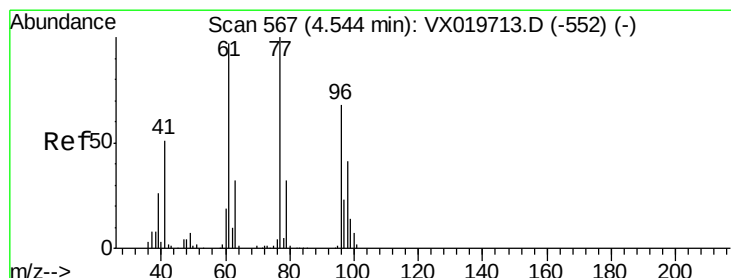
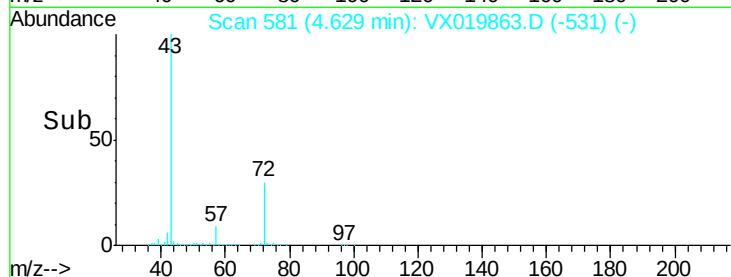
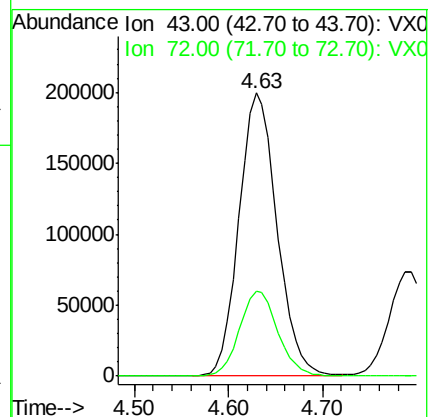
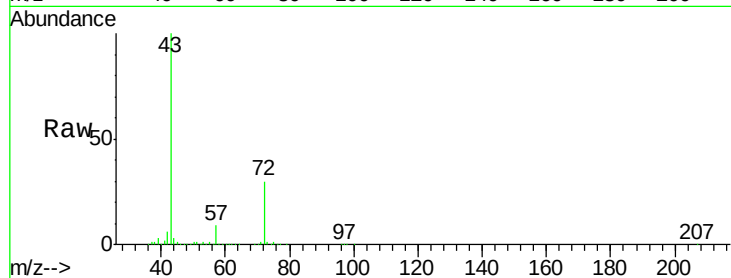
VSTDCCC050EC

Tgt Ion: 43 Resp: 559712

Ion Ratio Lower Upper

43 100

72 30.0 23.7 35.5



#26

2,2-Dichloropropane

Concen: 39.048 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019863.D

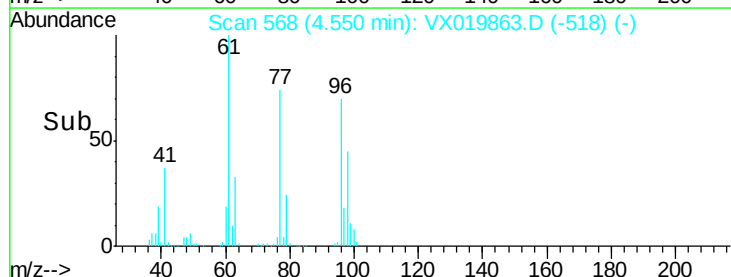
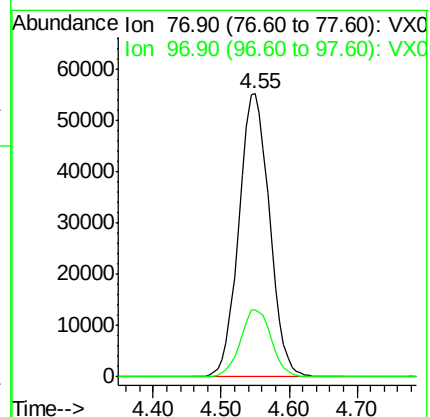
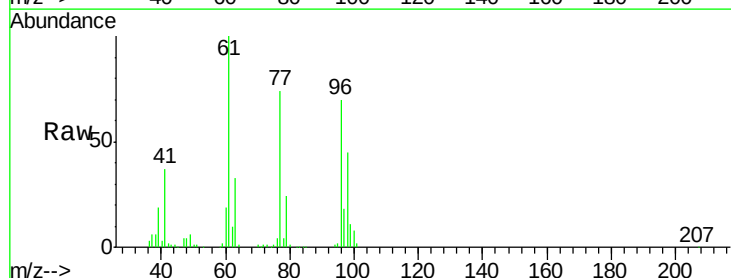
Acq: 11 Dec 2020 06:59

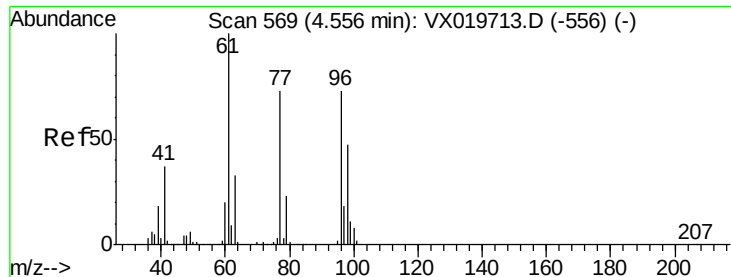
Tgt Ion: 77 Resp: 173346

Ion Ratio Lower Upper

77 100

97 23.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.967 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

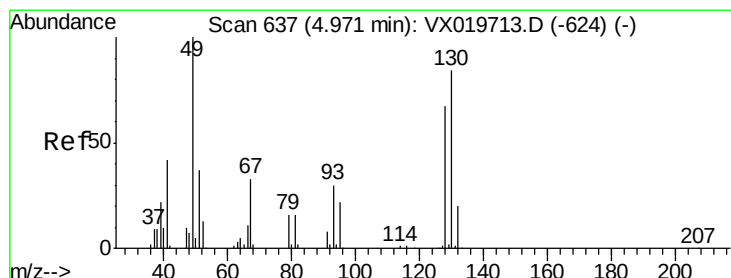
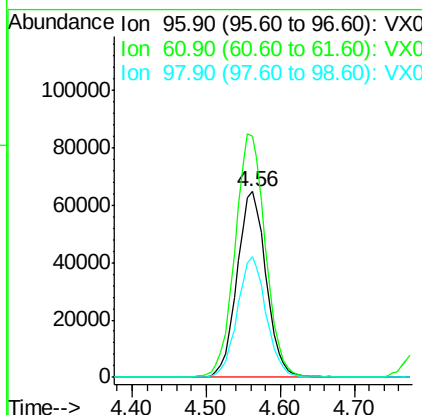
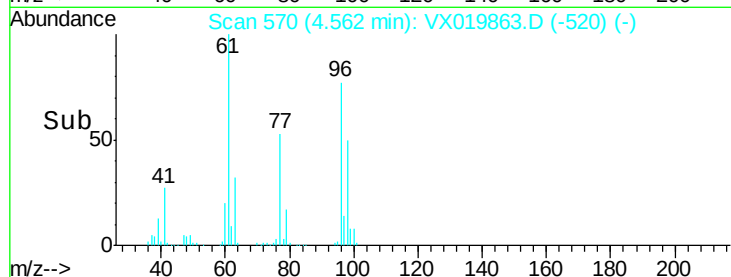
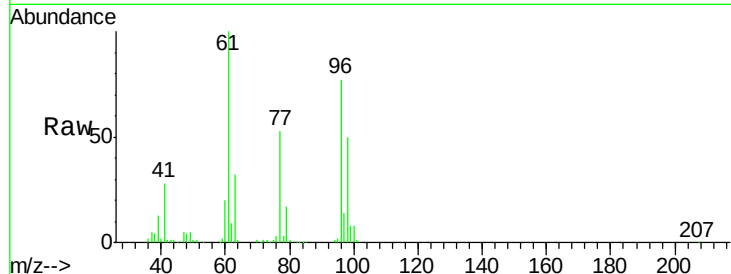
Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 177496

Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	285.6
98	64.6	0.0	129.6



#28

Bromochloromethane

Concen: 49.586 ug/l

RT: 4.98 min Scan# 638

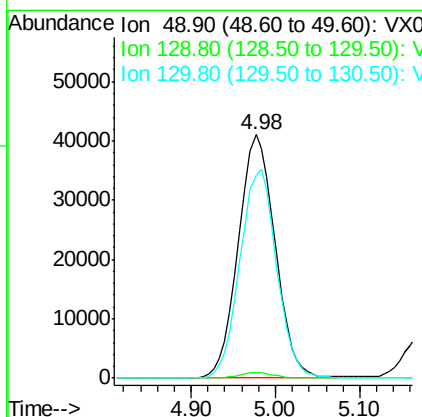
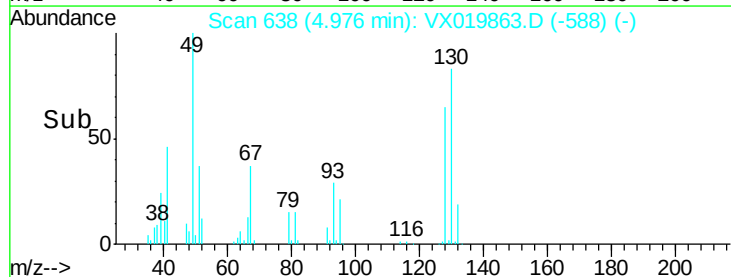
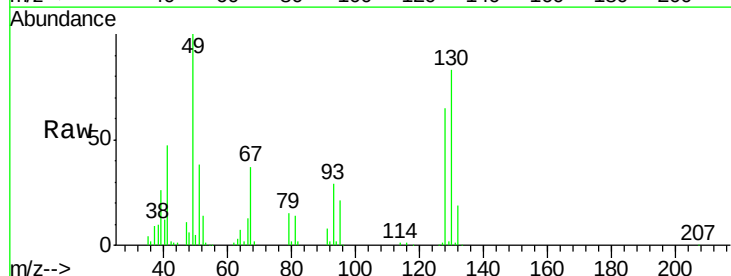
Delta R.T. 0.01 min

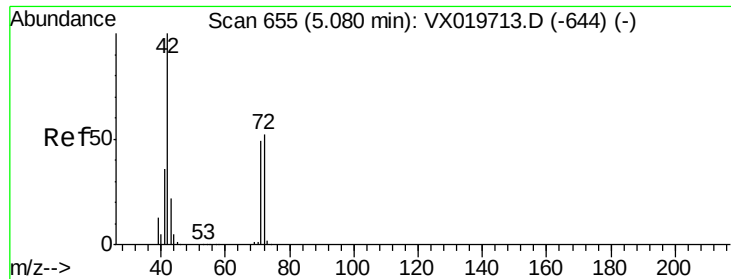
Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Tgt Ion: 49 Resp: 121855

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.3	68.2	102.2

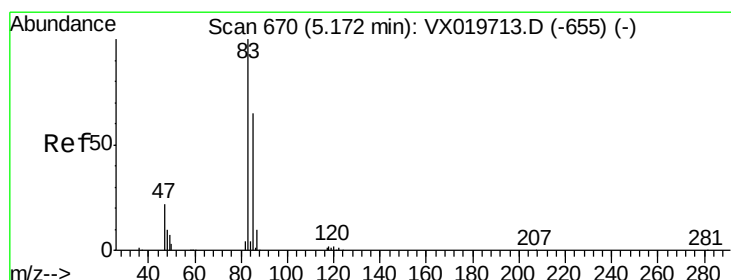
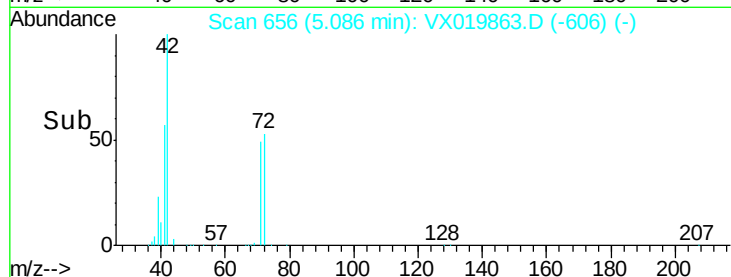
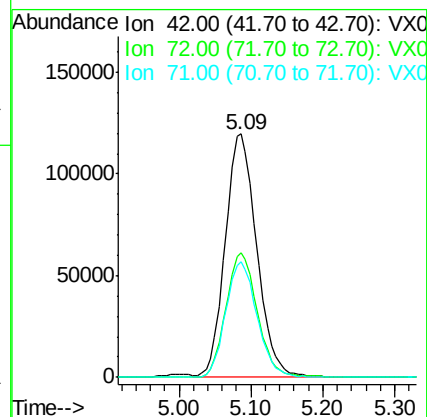
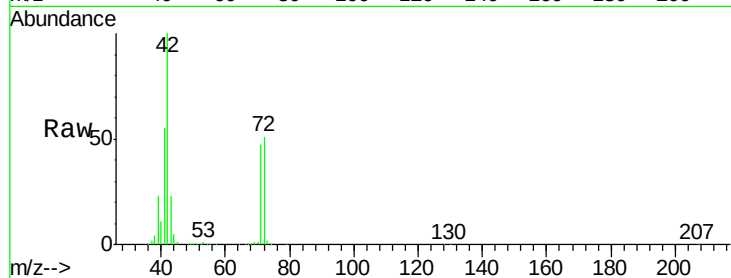




#29
Tetrahydrofuran
Concen: 271.104 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

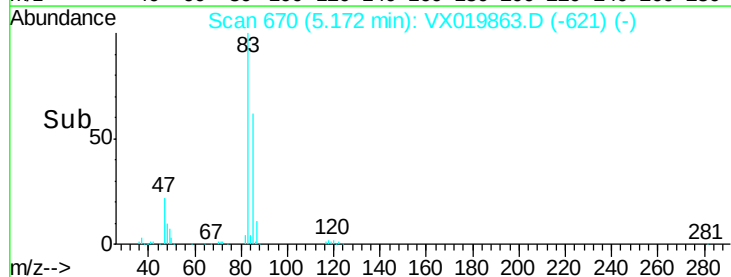
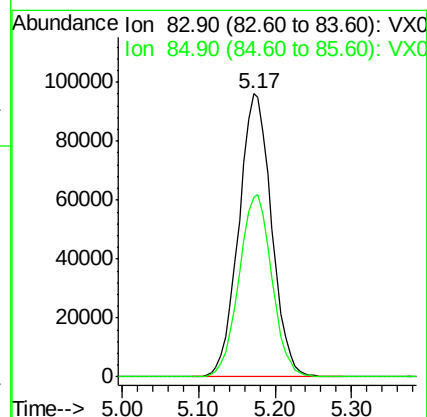
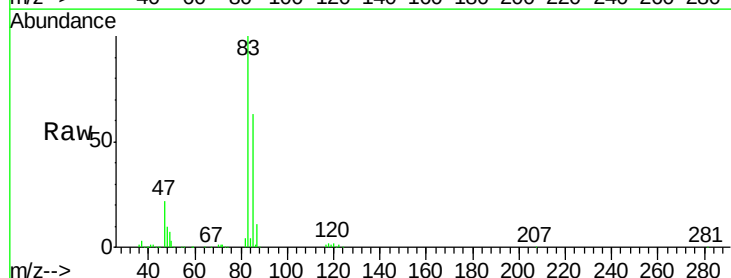
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

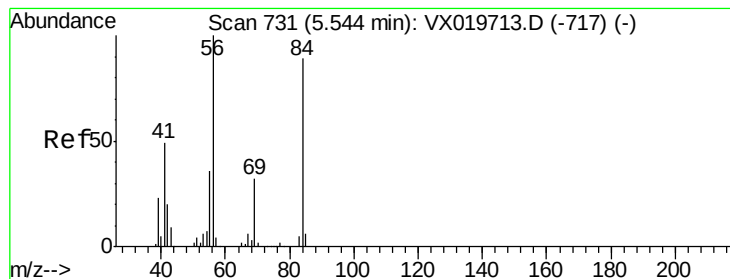
Tgt Ion: 42 Resp: 362283
Ion Ratio Lower Upper
42 100
72 51.3 41.7 62.5
71 47.5 38.4 57.6



#30
Chloroform
Concen: 53.735 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 83 Resp: 284822
Ion Ratio Lower Upper
83 100
85 63.5 52.0 78.0





#31

Cyclohexane

Concen: 53.149 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

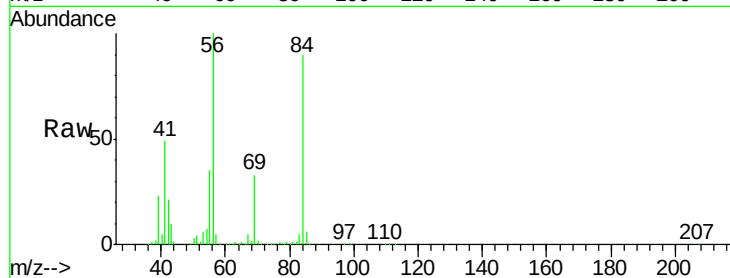
Tgt Ion: 56 Resp: 237419

Ion Ratio Lower Upper

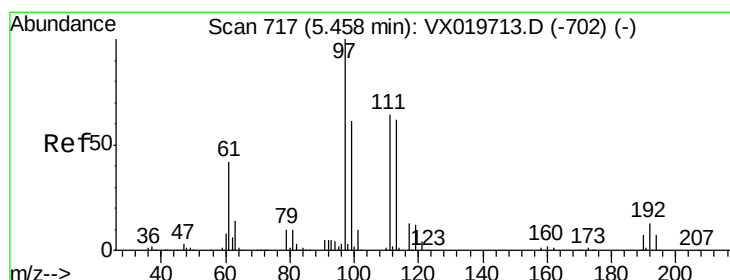
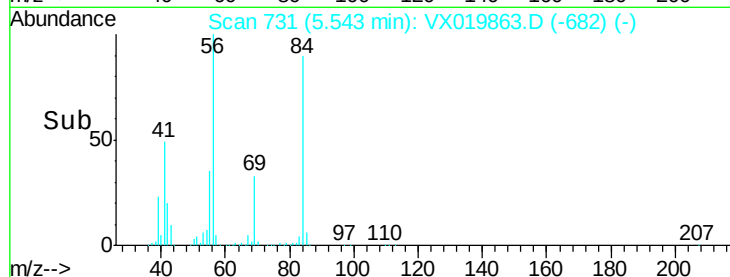
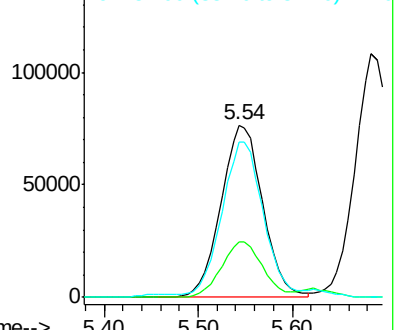
56 100

69 32.6 25.3 37.9

84 88.2 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.267 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

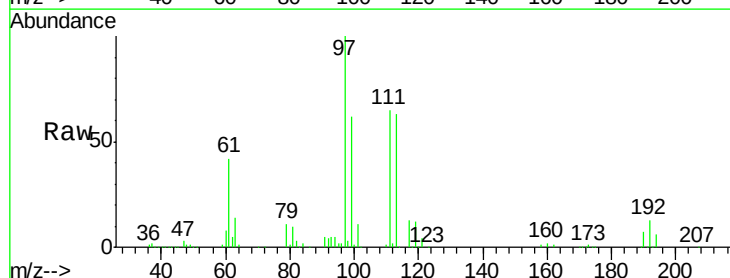
Tgt Ion: 97 Resp: 243148

Ion Ratio Lower Upper

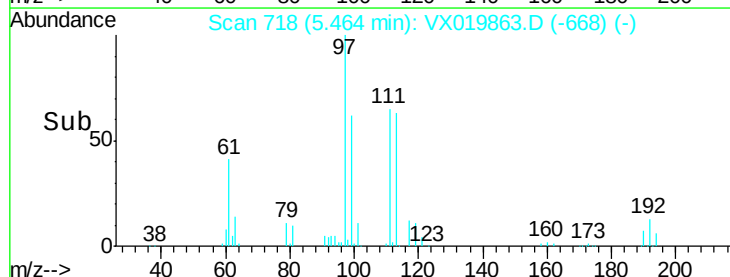
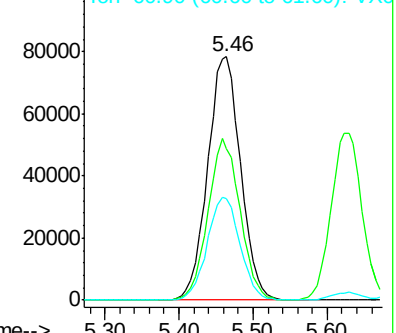
97 100

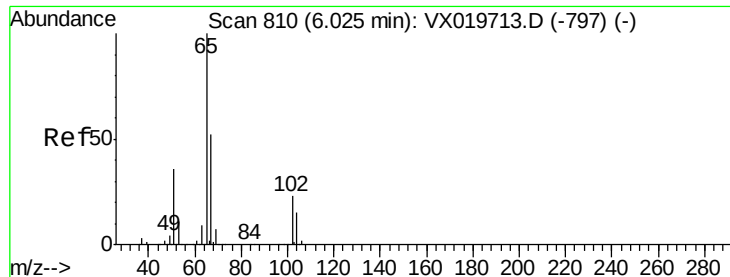
99 64.5 51.5 77.3

61 42.2 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

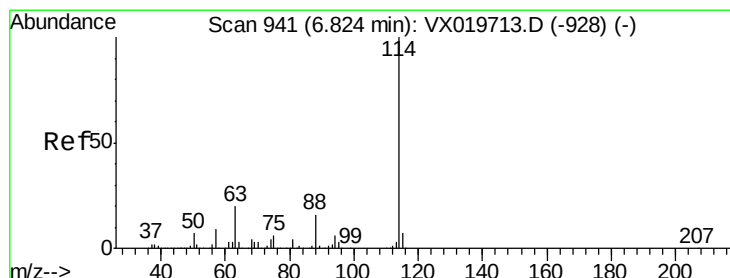
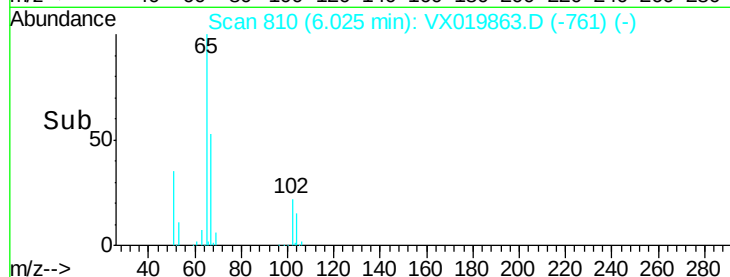
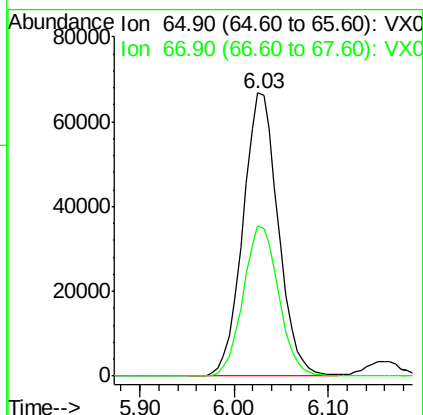
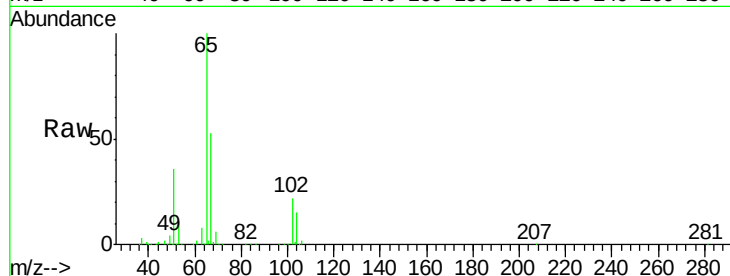




#33
 1,2-Dichloroethane-d4
 Concen: 48.805 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

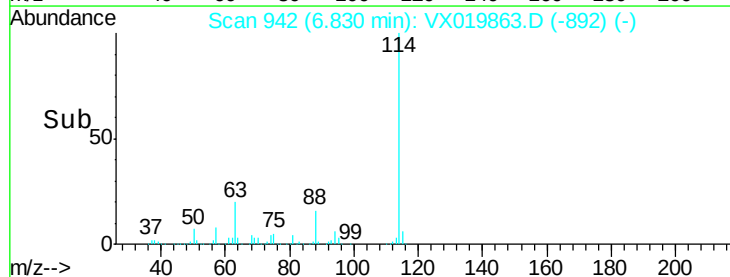
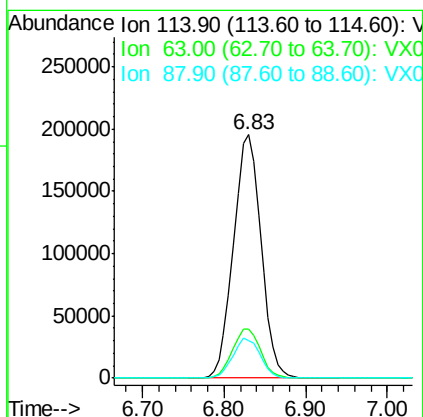
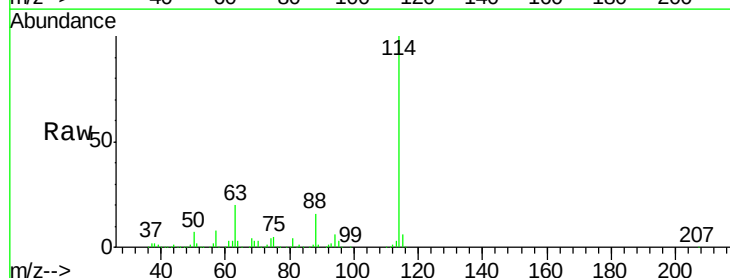
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

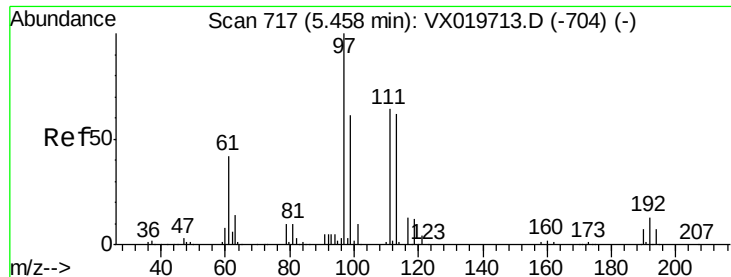
Tgt Ion: 65 Resp: 175262
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 114 Resp: 456274
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.6 0.0 32.8

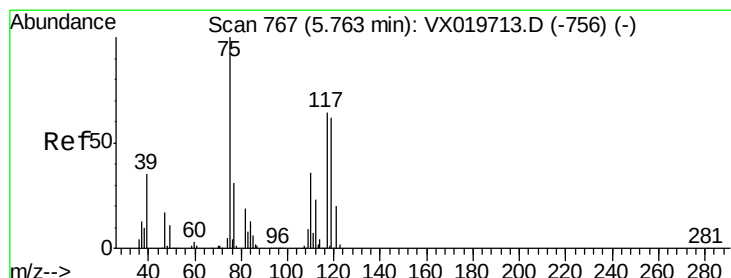
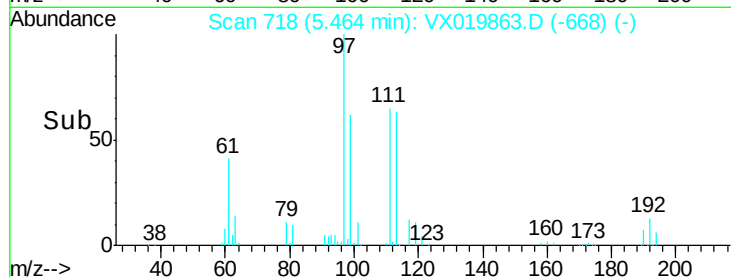
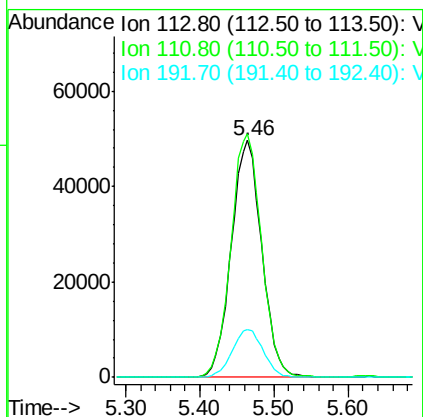
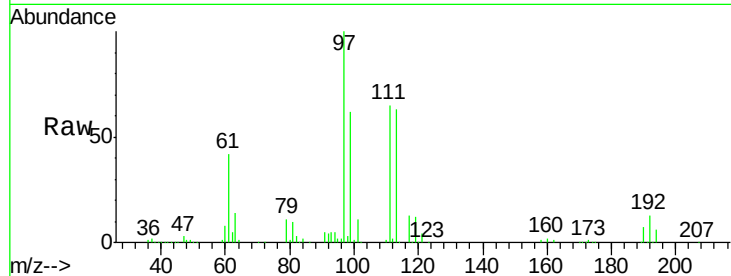




#35
 Dibromofluoromethane
 Concen: 48.316 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

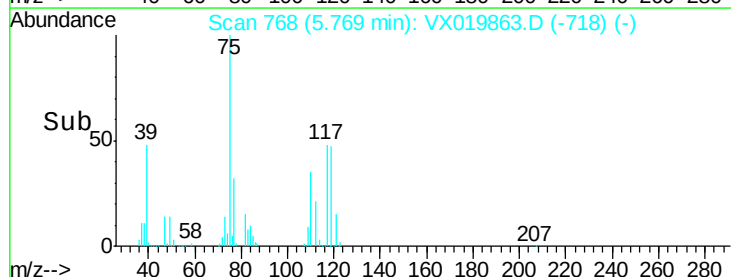
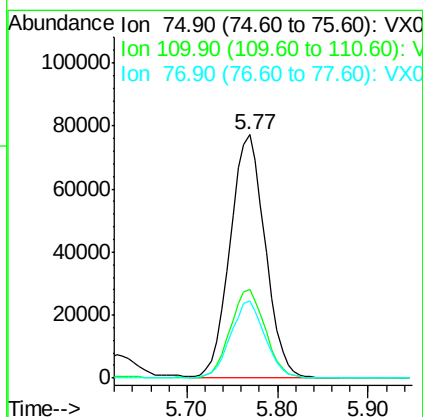
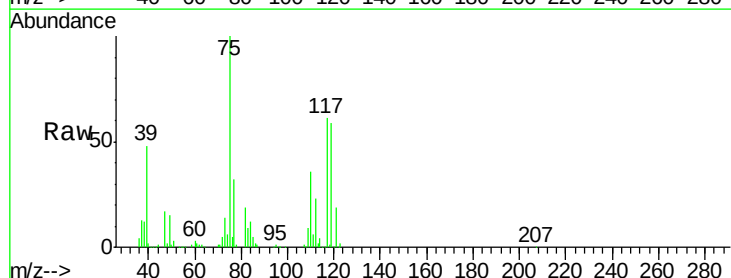
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

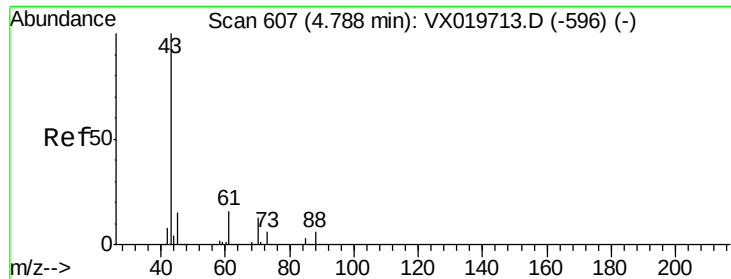
Tgt Ion:113 Resp: 142475
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 20.6 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 50.241 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 75 Resp: 207145
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.4
 77 31.0 25.3 37.9

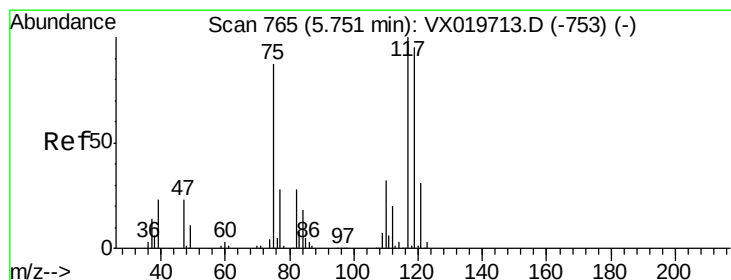
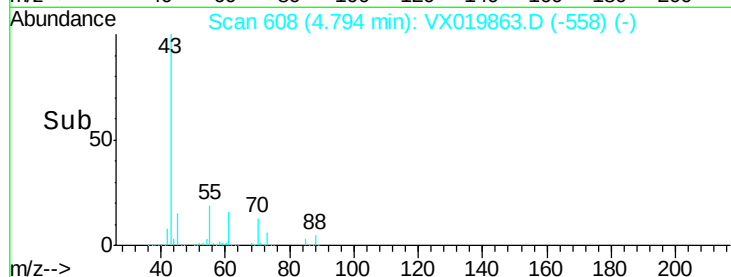
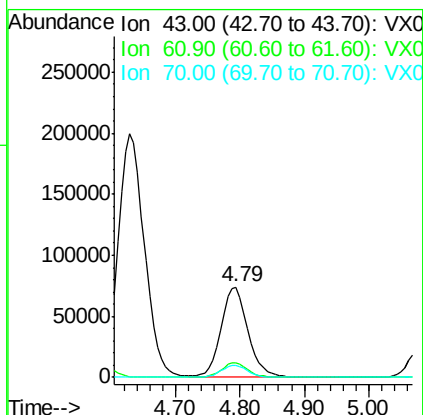
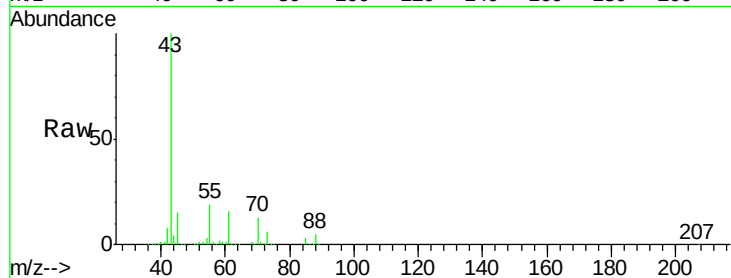




#37
 Ethyl Acetate
 Concen: 52.214 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

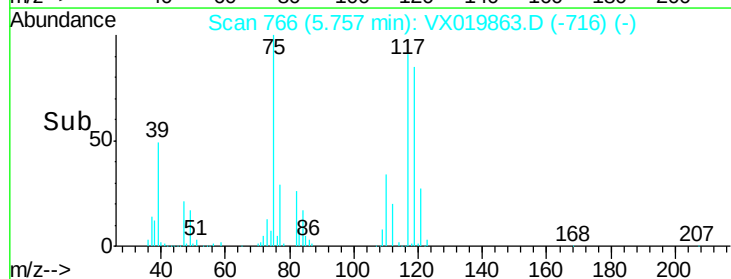
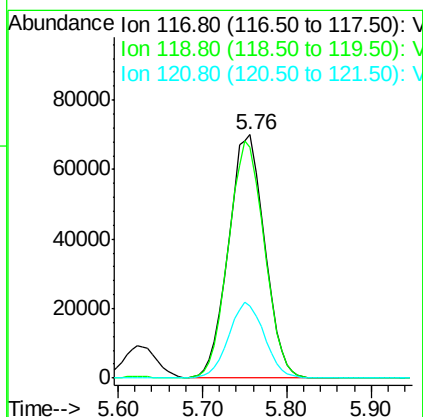
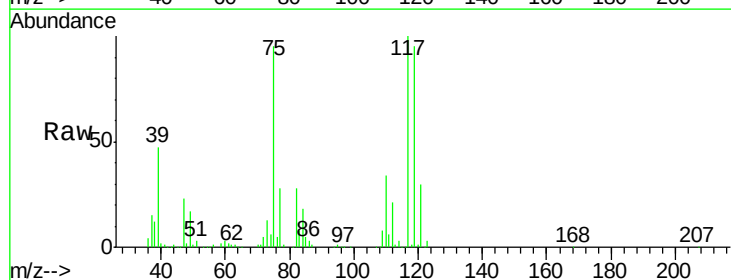
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

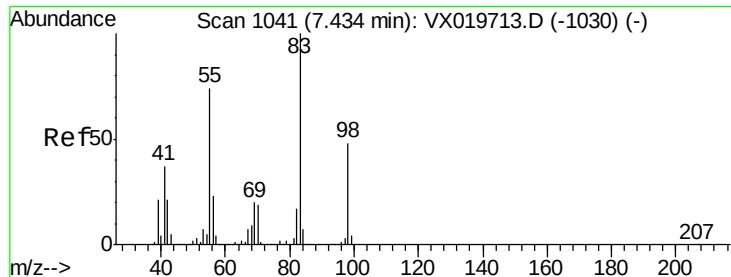
Tgt Ion: 43 Resp: 217363
 Ion Ratio Lower Upper
 43 100
 61 15.8 12.8 19.2
 70 13.0 10.5 15.7



#38
 Carbon Tetrachloride
 Concen: 50.634 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 117 Resp: 204435
 Ion Ratio Lower Upper
 117 100
 119 94.5 76.2 114.2
 121 29.9 24.8 37.2

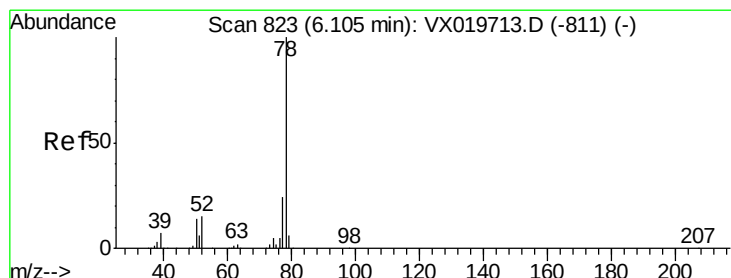
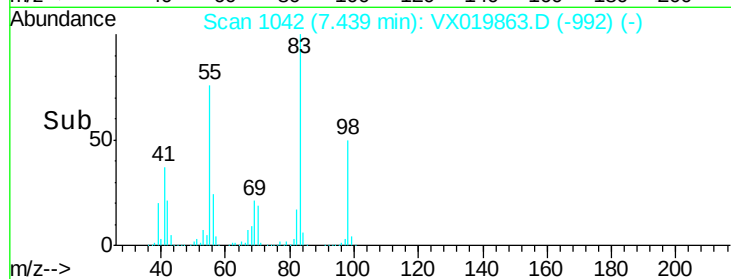
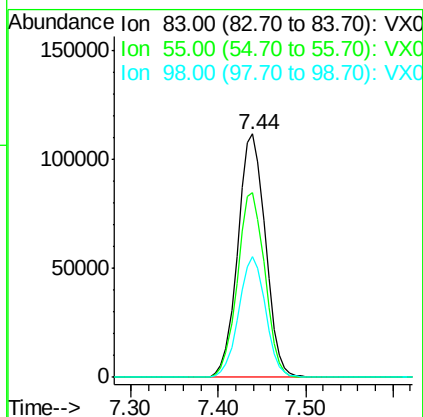
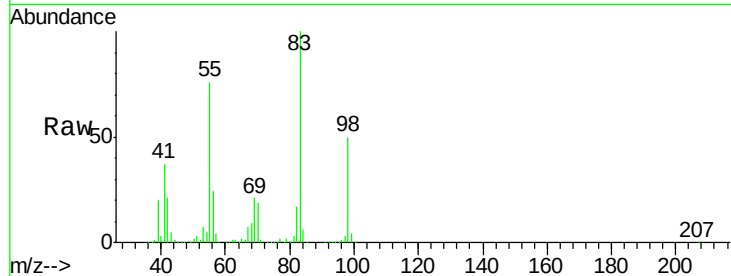




#39
Methylcyclohexane
Concen: 50.532 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

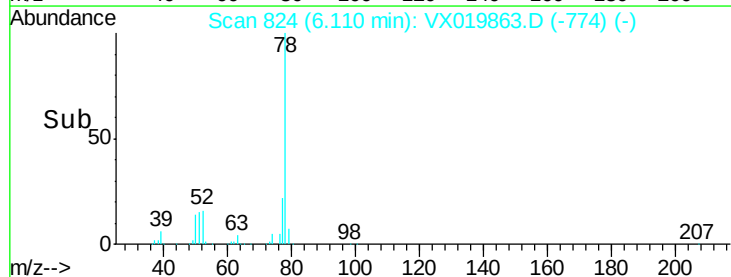
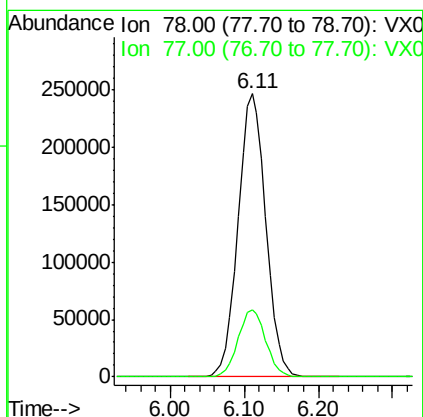
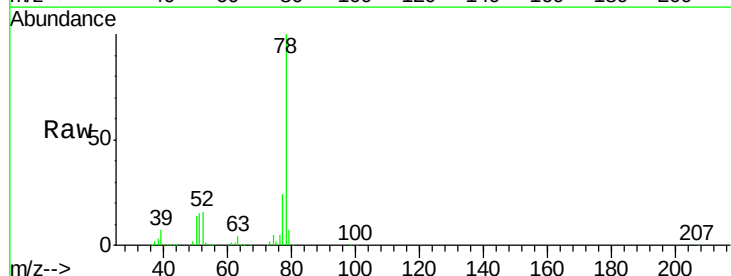
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

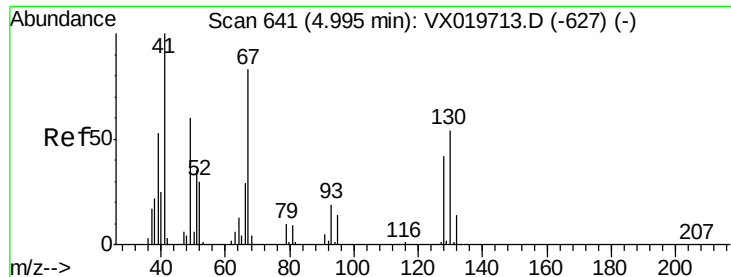
Tgt Ion: 83 Resp: 244780
Ion Ratio Lower Upper
83 100
55 75.7 58.9 88.3
98 49.7 38.1 57.1



#40
Benzene
Concen: 51.139 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 78 Resp: 644081
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

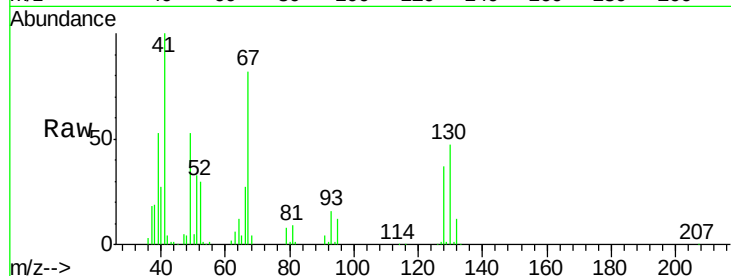




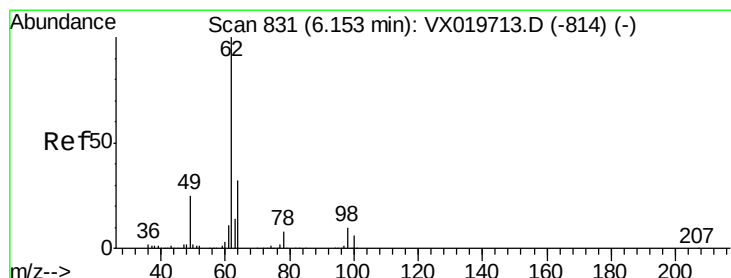
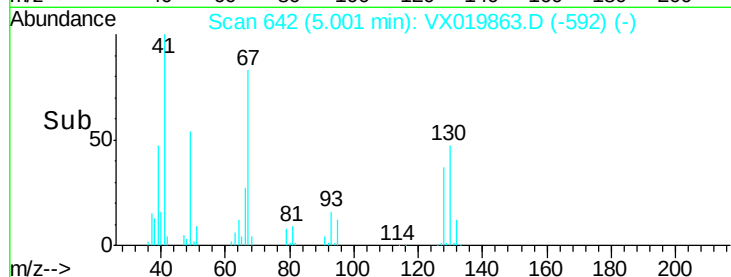
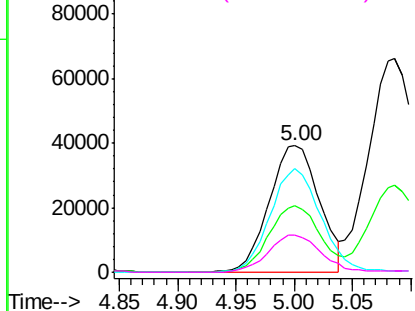
#41
Methacrylonitrile
Concen: 51.486 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	117677
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.5	63.7
67	82.7	65.0	97.6
52	31.3	25.3	37.9

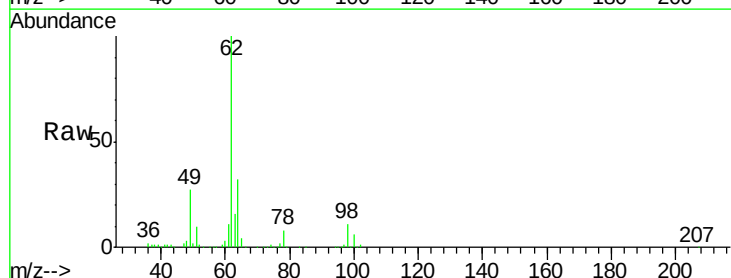


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

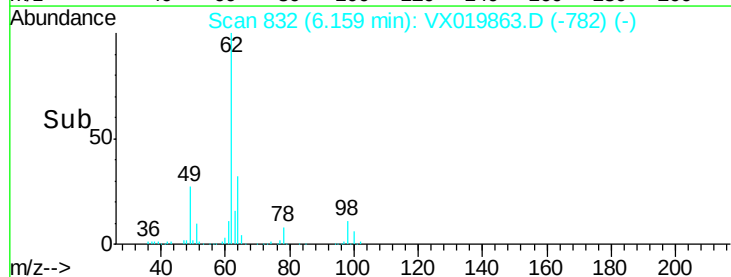
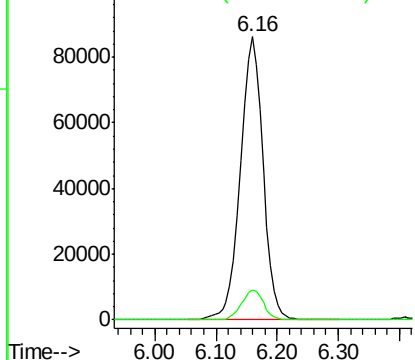


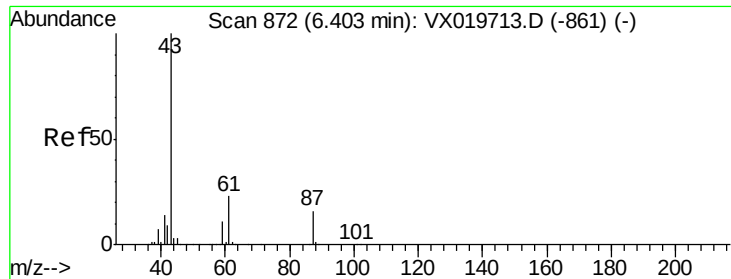
#42
1,2-Dichloroethane
Concen: 51.503 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion:	62	Resp:	221627
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.790 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

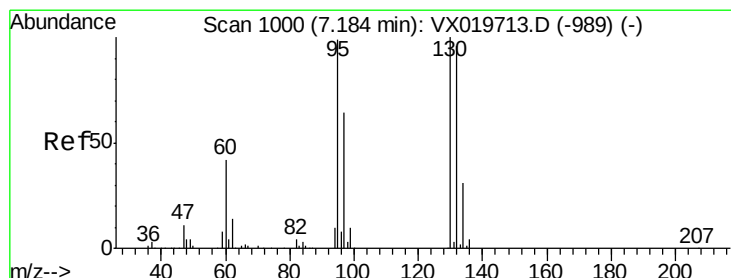
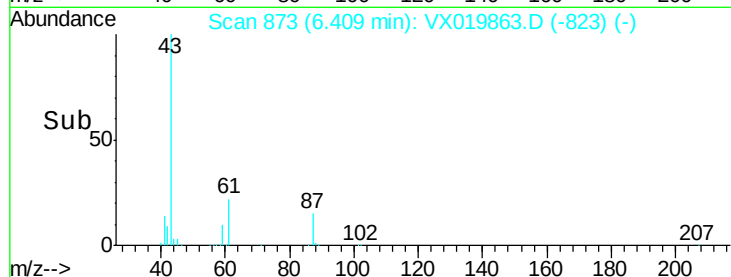
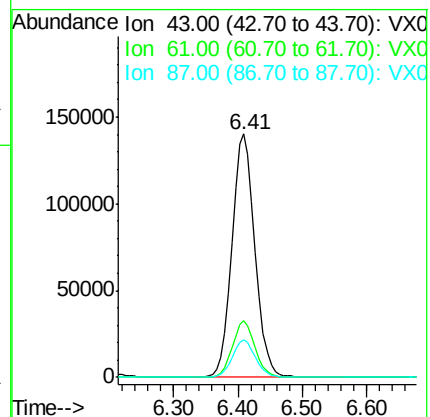
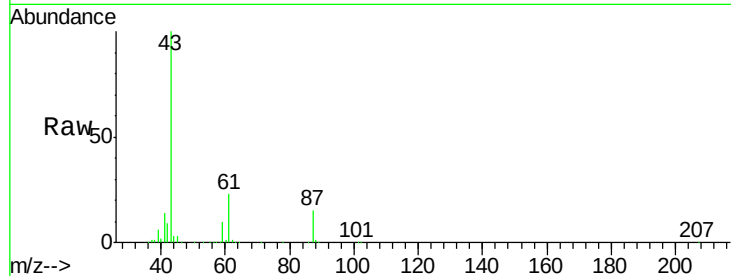
Tgt Ion: 43 Resp: 350514

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

87 15.3 12.5 18.7



#44

Trichloroethene

Concen: 50.704 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019863.D

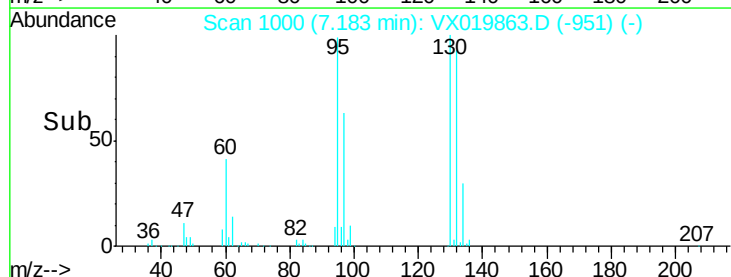
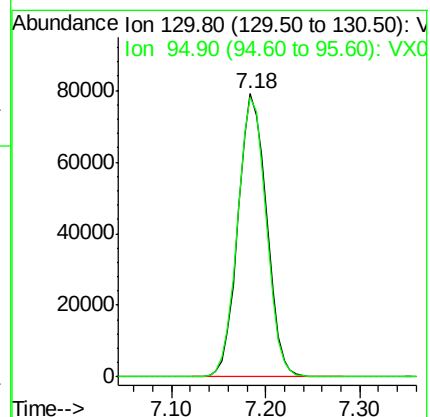
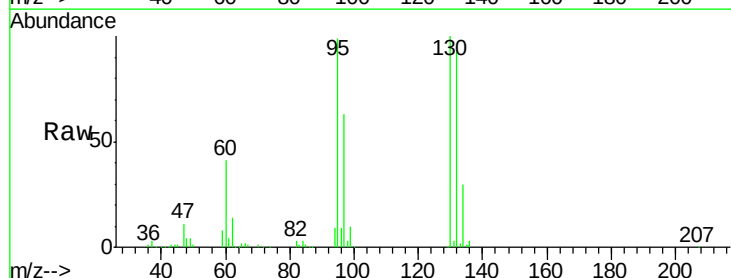
Acq: 11 Dec 2020 06:59

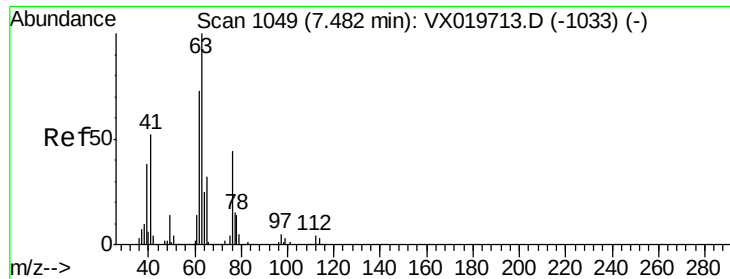
Tgt Ion: 130 Resp: 167555

Ion Ratio Lower Upper

130 100

95 98.9 0.0 198.0

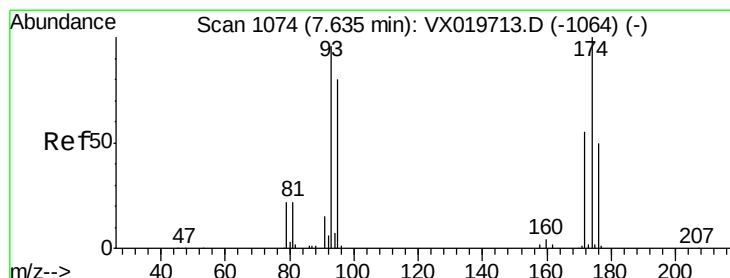
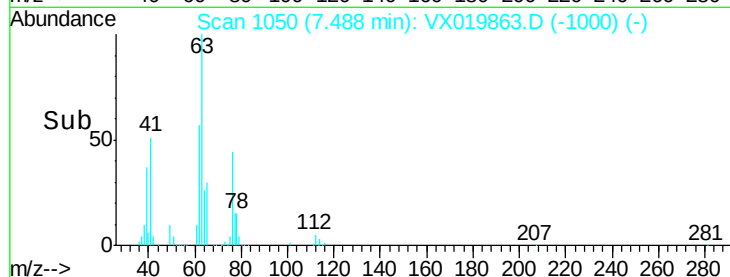
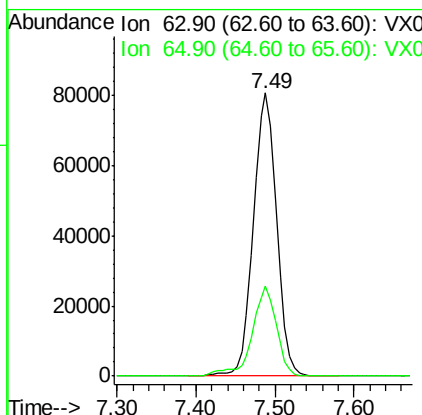
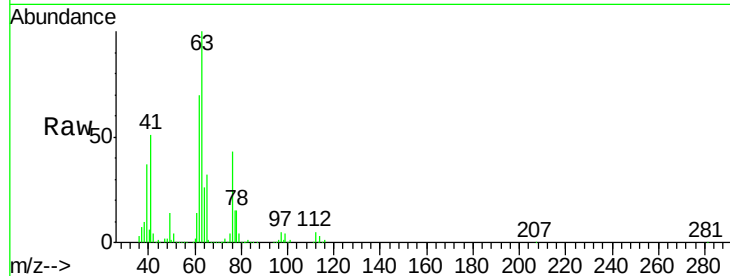




#45
 1,2-Dichloropropane
 Concen: 52.537 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

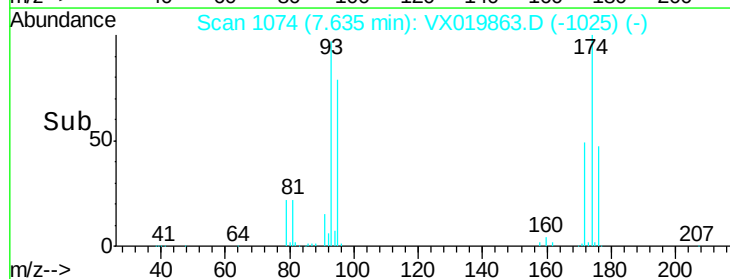
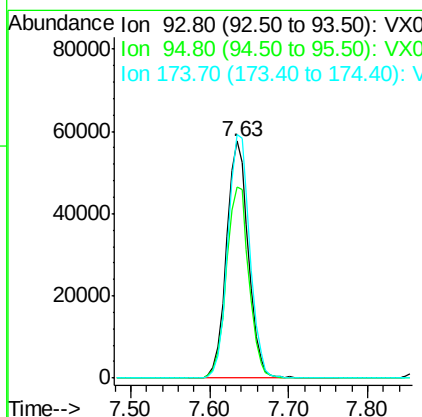
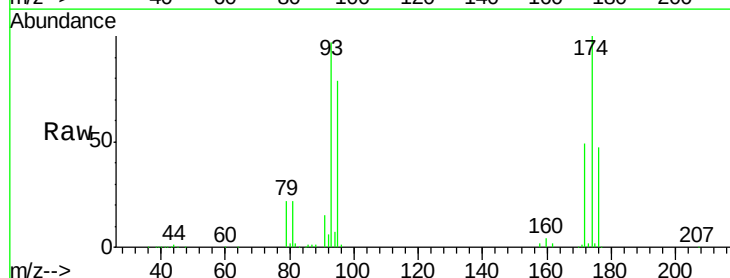
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

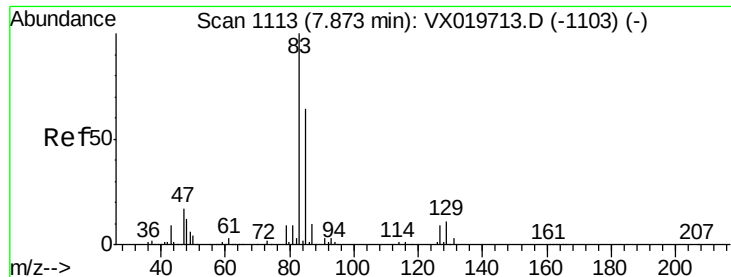
Tgt Ion: 63 Resp: 165373
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5



#46
 Dibromomethane
 Concen: 52.072 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 93 Resp: 110691
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 103.8 83.1 124.7





#47

Bromodichloromethane

Concen: 51.489 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

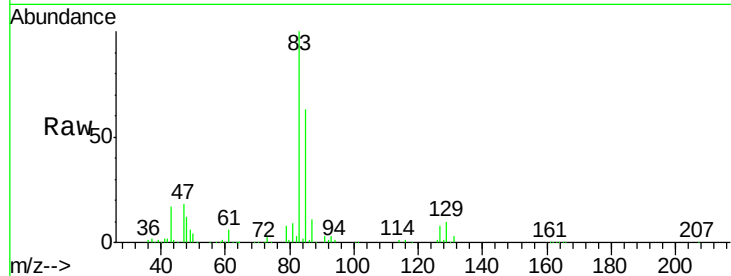
Tgt Ion: 83 Resp: 217188

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

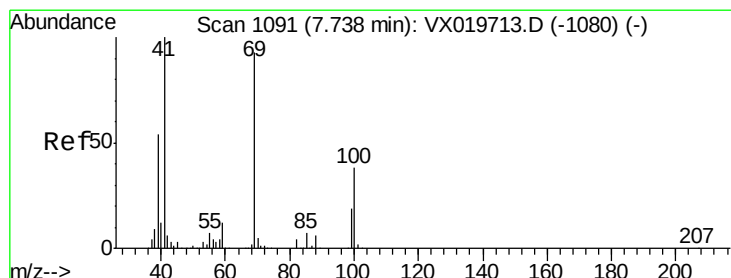
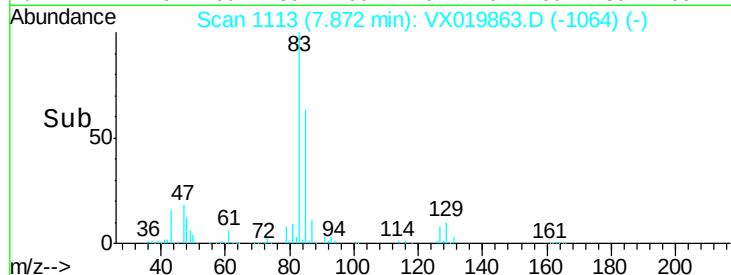
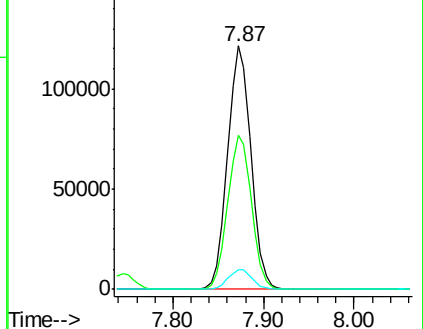
127 8.3 6.8 10.2



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: 52.916 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

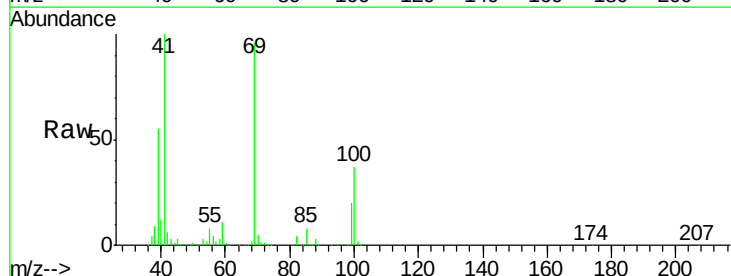
Tgt Ion: 41 Resp: 176137

Ion Ratio Lower Upper

41 100

69 94.1 76.0 114.0

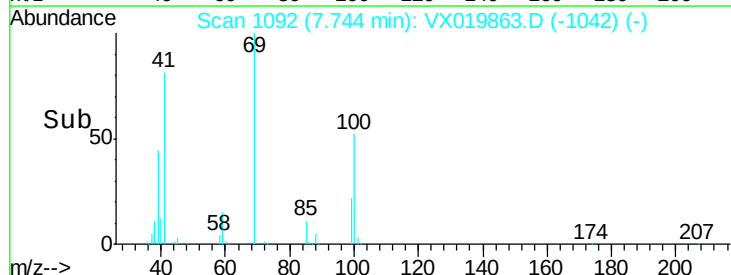
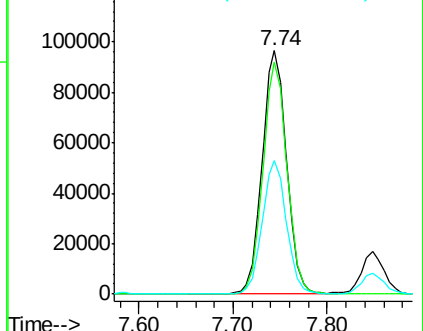
39 54.1 44.6 67.0

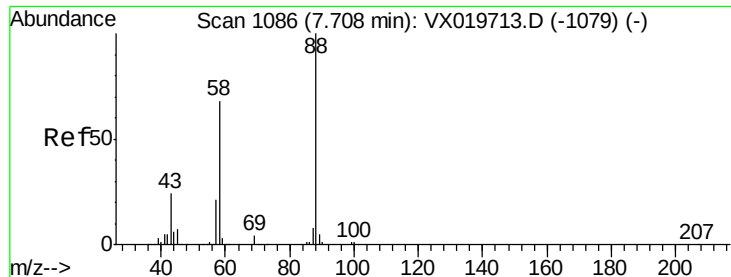


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

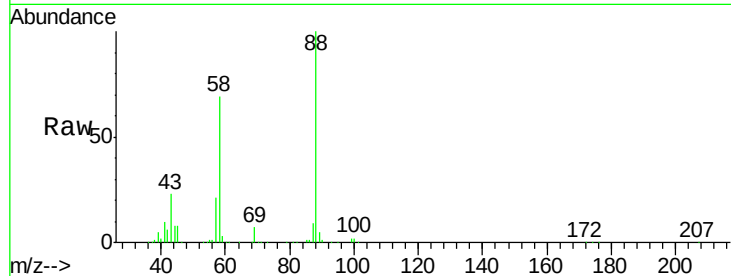




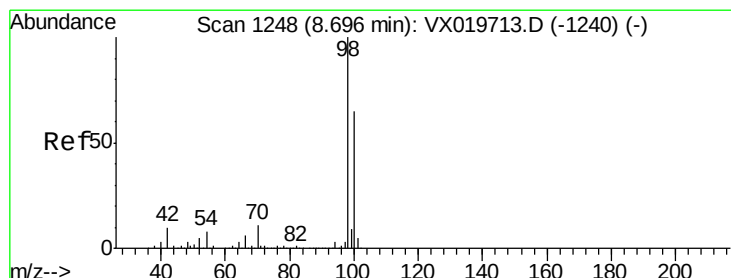
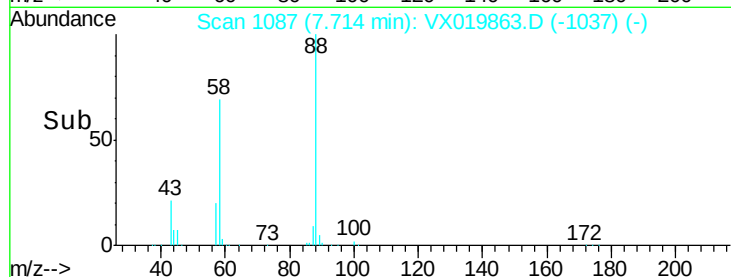
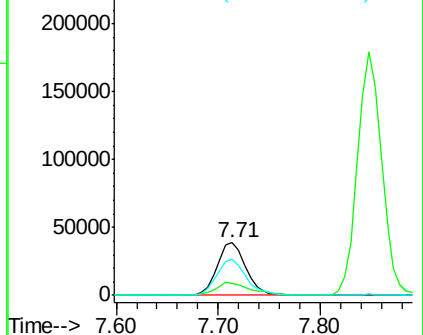
#49
1,4-Dioxane
Concen: 953.134 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 76855
Ion Ratio Lower Upper
88 100
43 28.7 23.2 34.8
58 70.2 55.0 82.4

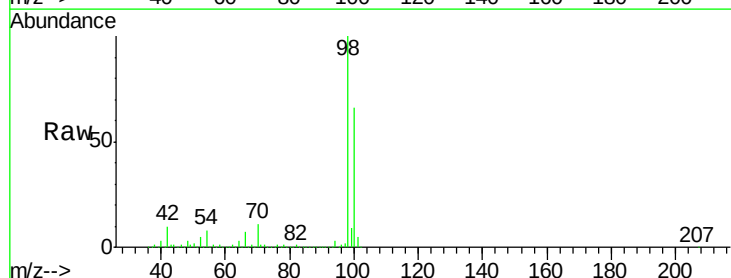


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

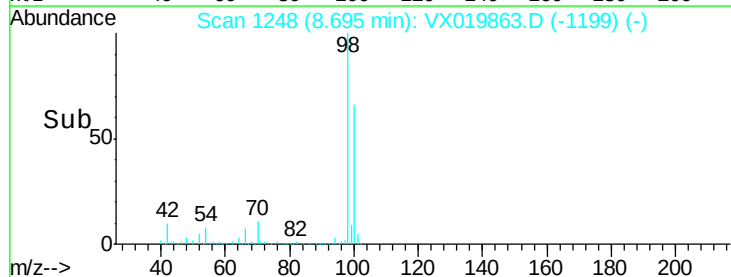
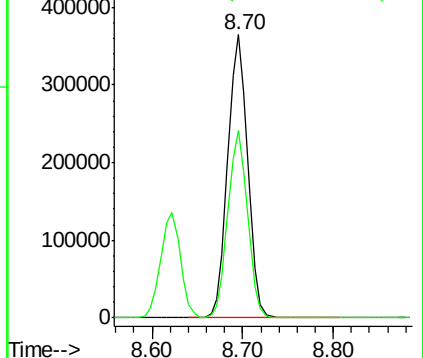


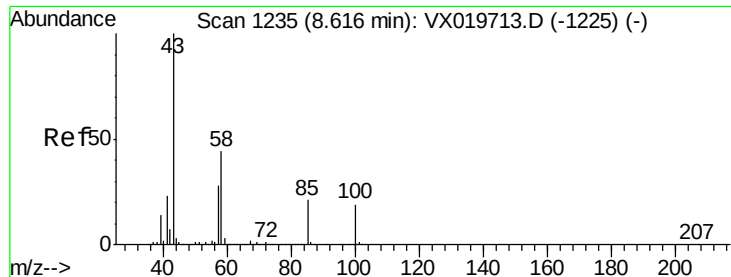
#50
Toluene-d8
Concen: 49.345 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 98 Resp: 555516
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



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

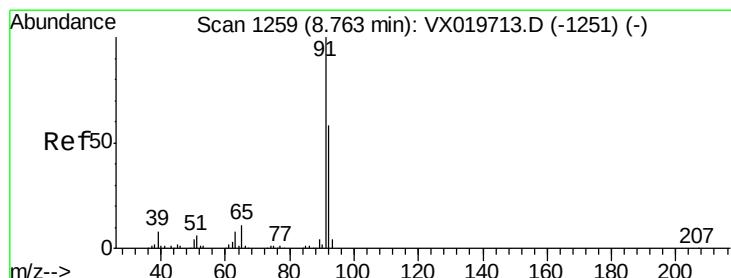
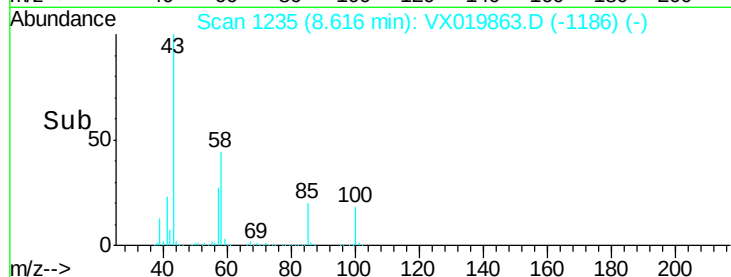
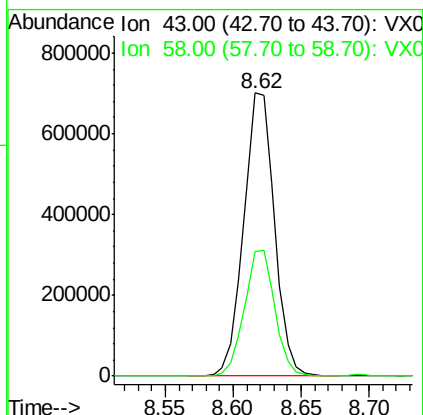
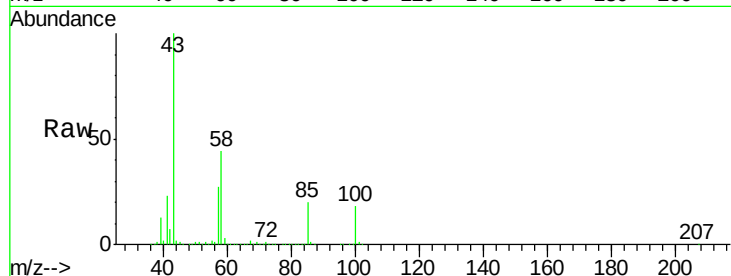




#51
 4-Methyl-2-Pentanone
 Concen: 268.550 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

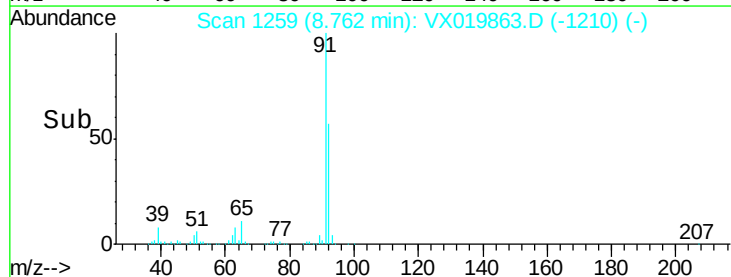
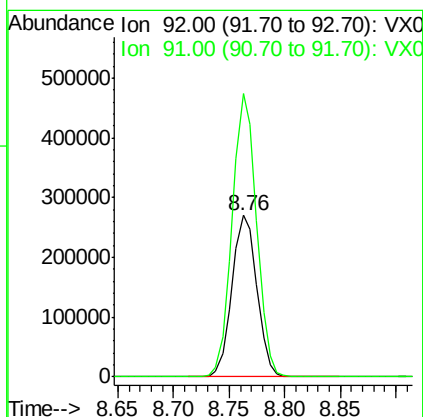
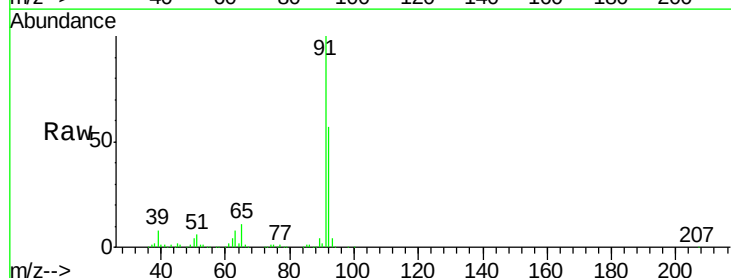
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

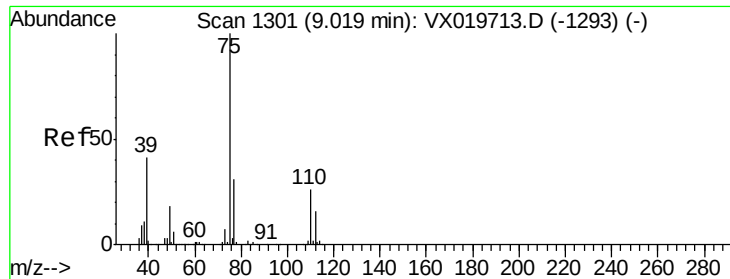
Tgt Ion: 43 Resp: 1109674
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.4 53.0



#52
 Toluene
 Concen: 53.052 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 92 Resp: 417898
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.503 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

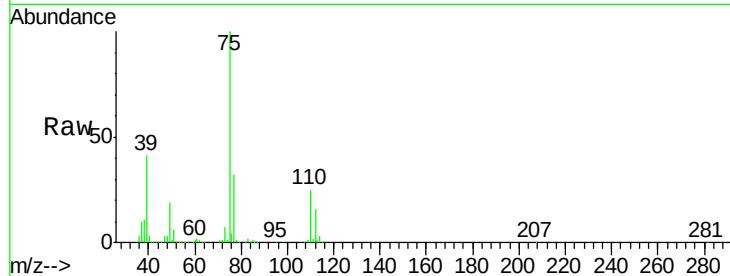
VSTDCCC050EC

Tgt Ion: 75 Resp: 231714

Ion Ratio Lower Upper

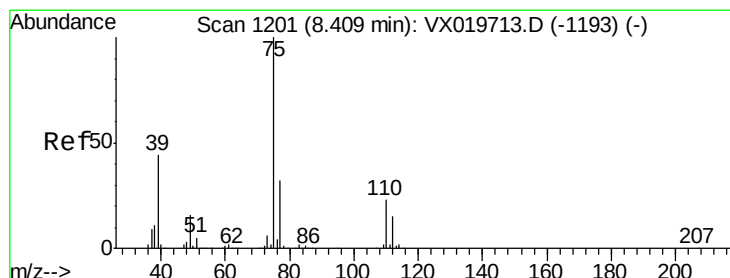
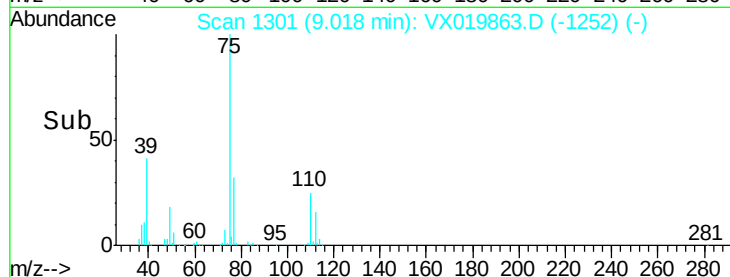
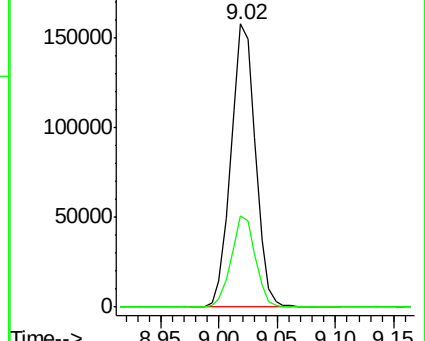
75 100

77 32.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.136 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

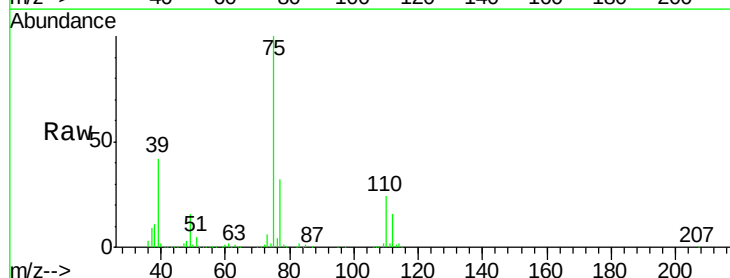
Tgt Ion: 75 Resp: 254954

Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

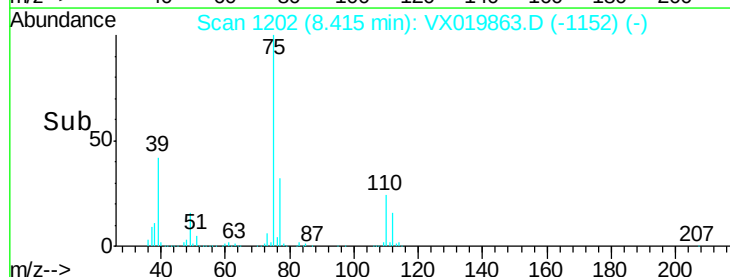
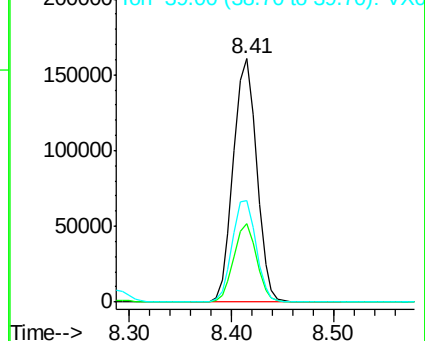
39 41.7 35.1 52.7

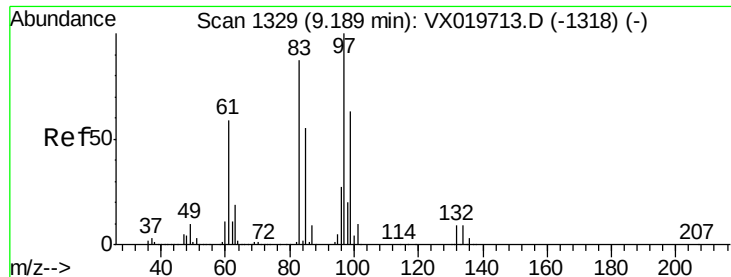


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

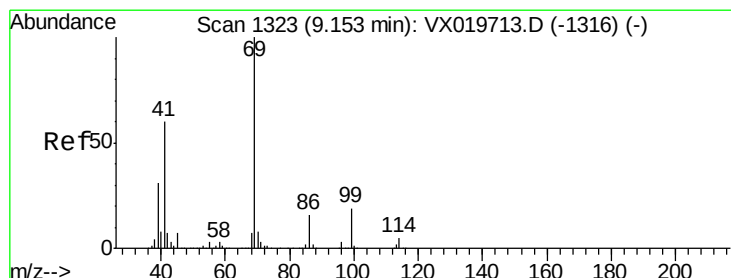
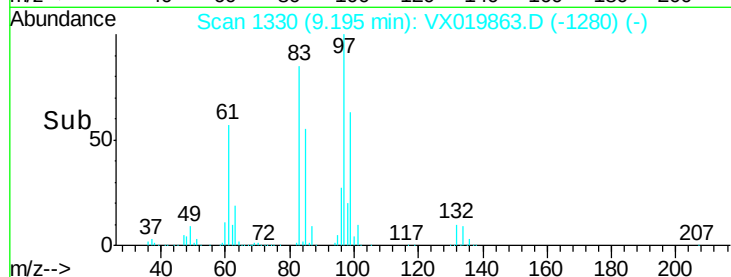
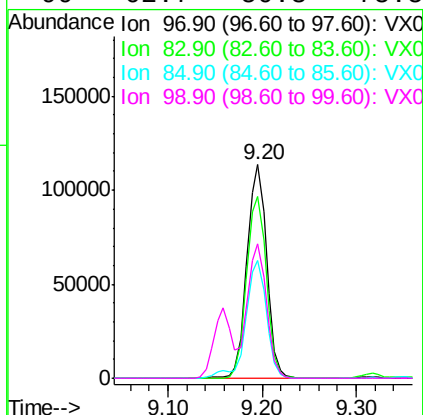
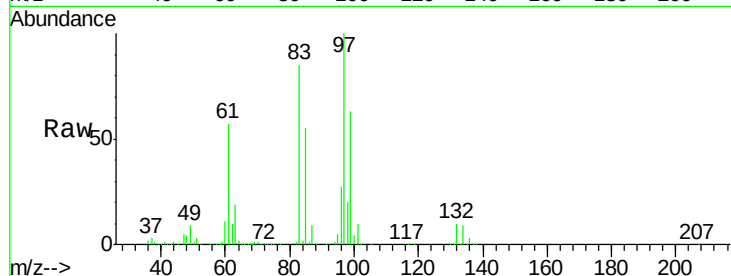




#55
 1,1,2-Trichloroethane
 Concen: 52.645 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

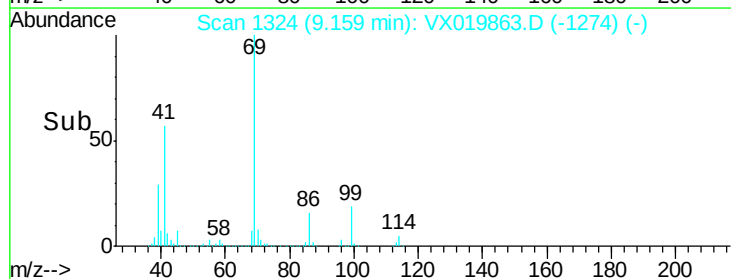
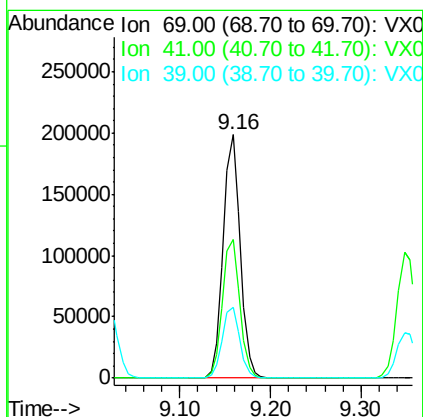
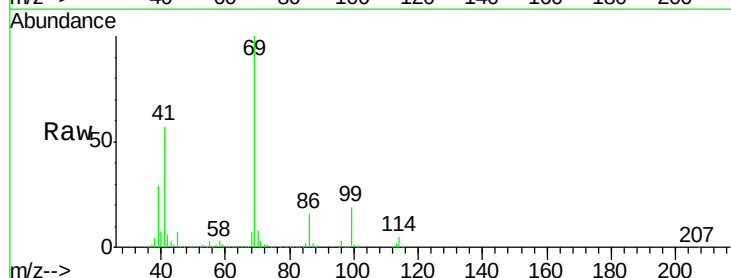
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

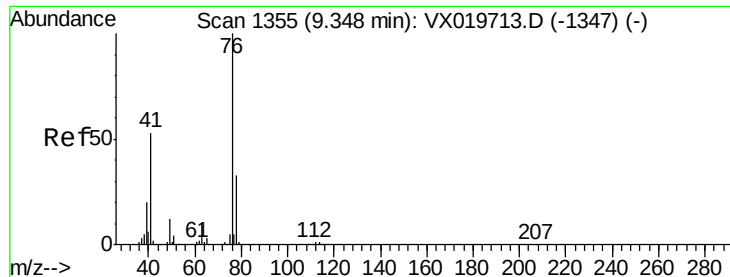
Tgt Ion:	97	Resp:	167116
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.3	103.9
85	54.9	44.3	66.5
99	62.7	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 54.436 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion:	69	Resp:	261444
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.8	70.2
39	30.0	24.7	37.1

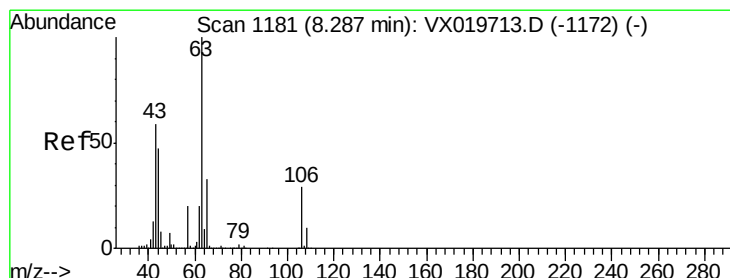
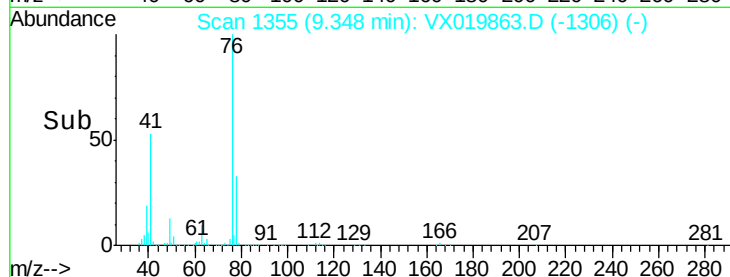
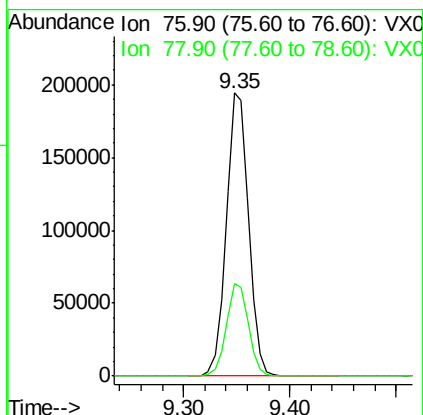
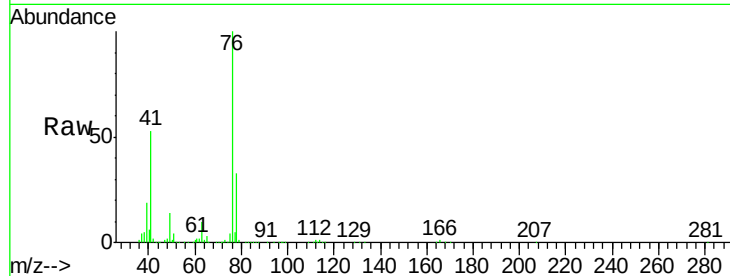




#57
 1,3-Dichloropropane
 Concen: 52.494 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

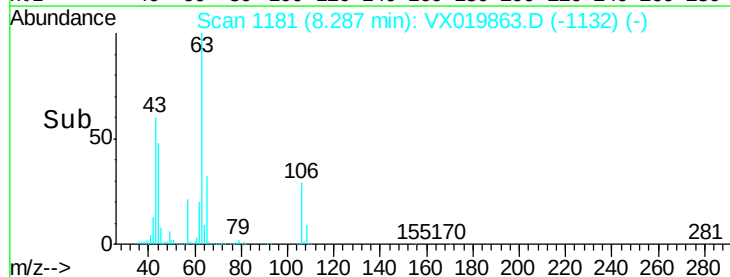
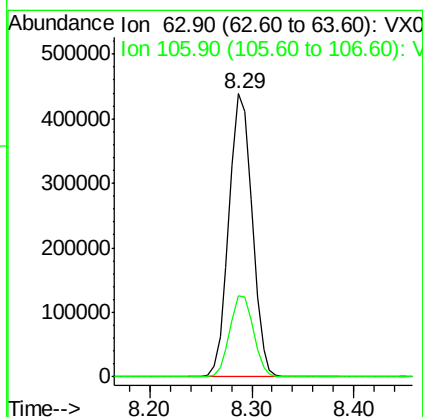
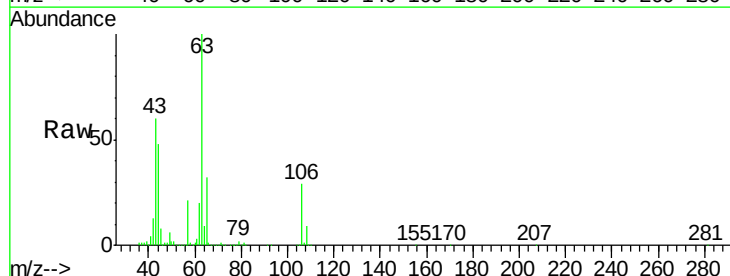
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

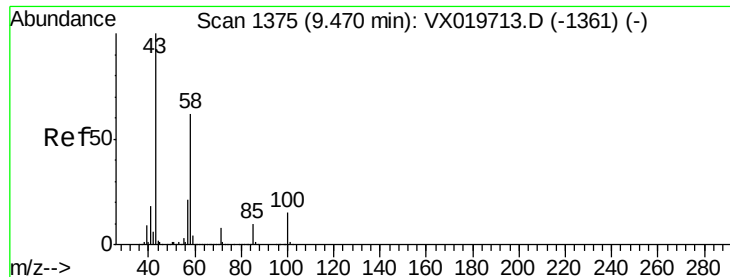
Tgt Ion: 76 Resp: 284534
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.640 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 63 Resp: 691138
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.5 35.3

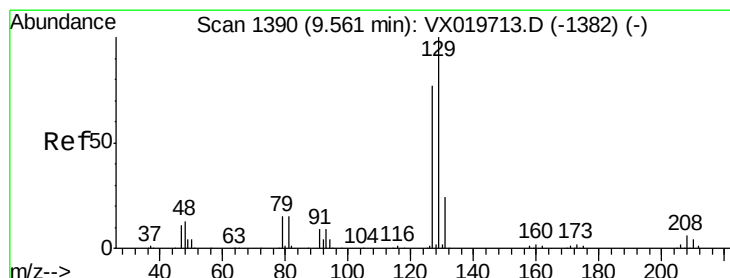
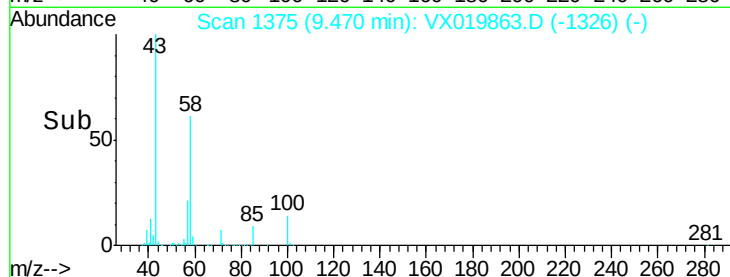
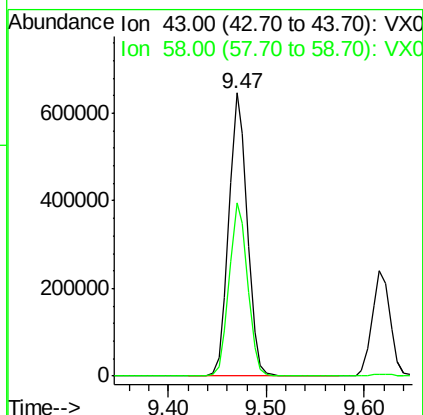
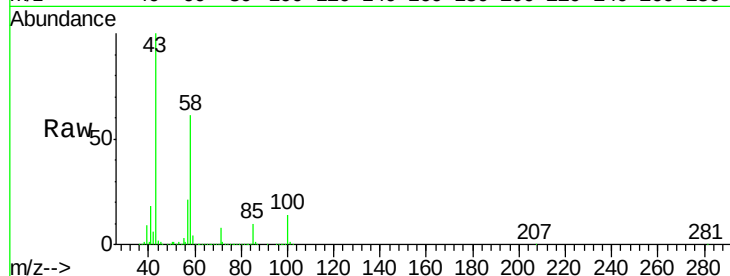




#59
2-Hexanone
Concen: 264.175 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

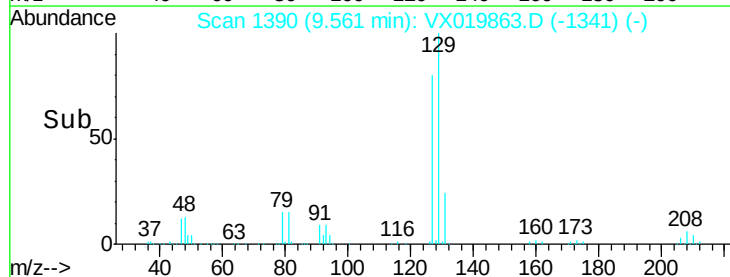
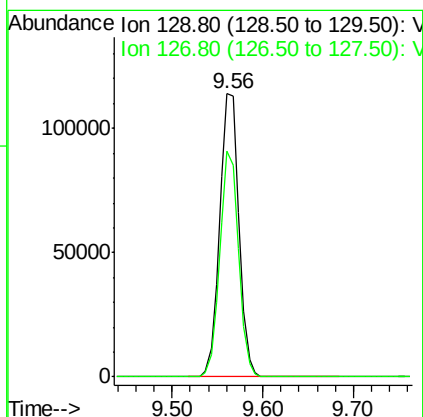
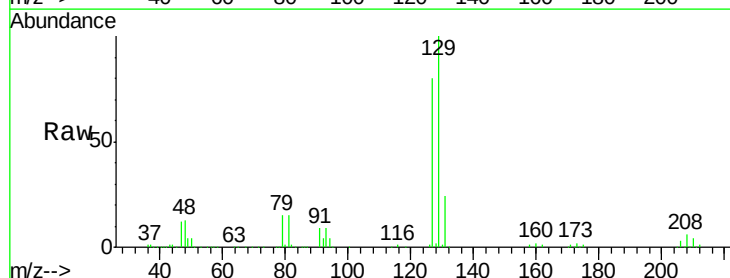
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

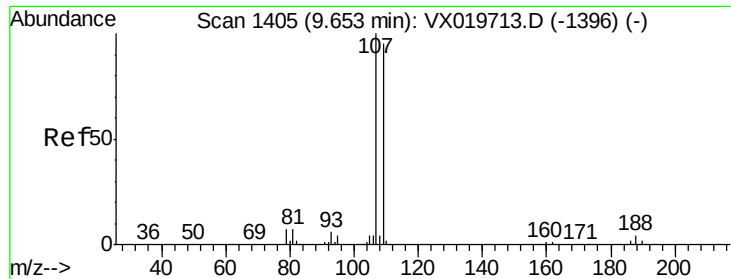
Tgt Ion: 43 Resp: 846134
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.8



#60
Dibromochloromethane
Concen: 52.438 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 129 Resp: 169121
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

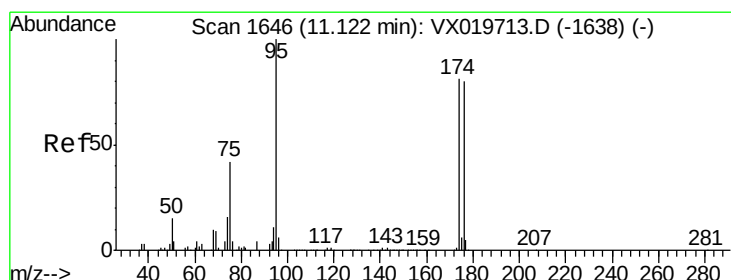
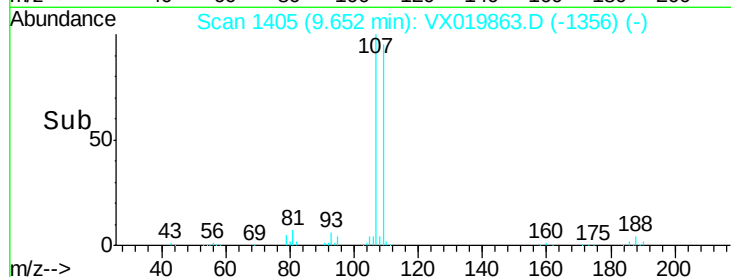
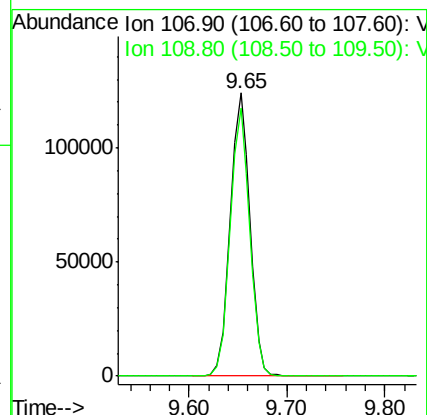
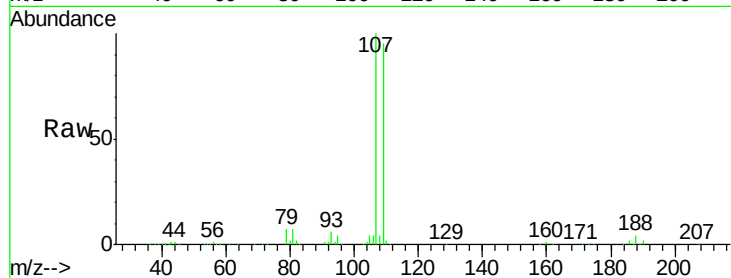




#61
 1,2-Dibromoethane
 Concen: 51.433 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

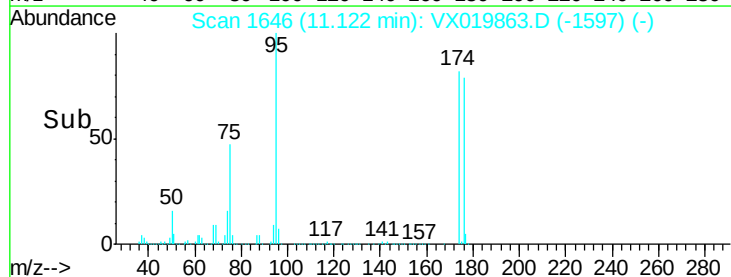
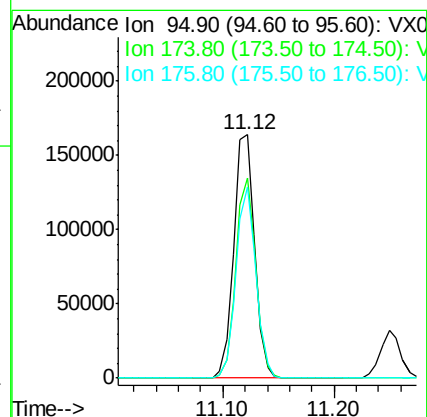
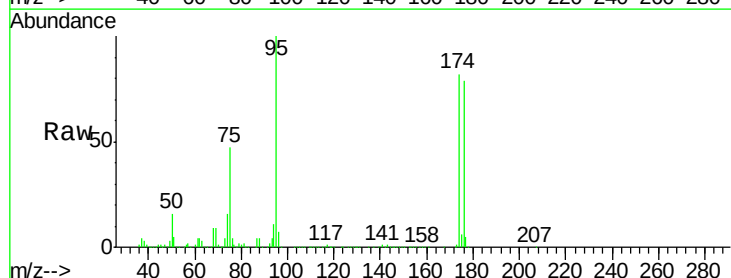
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

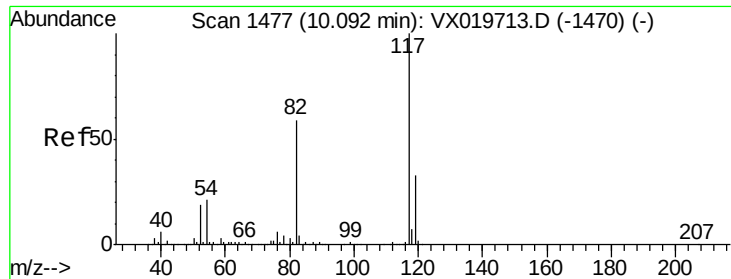
Tgt Ion: 107 Resp: 173372
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.297 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion: 95 Resp: 211234
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 154.6
 176 75.3 0.0 155.8

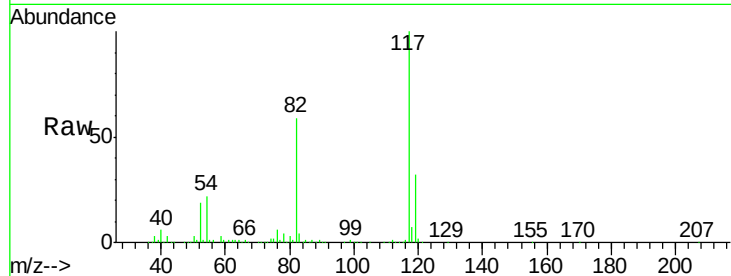




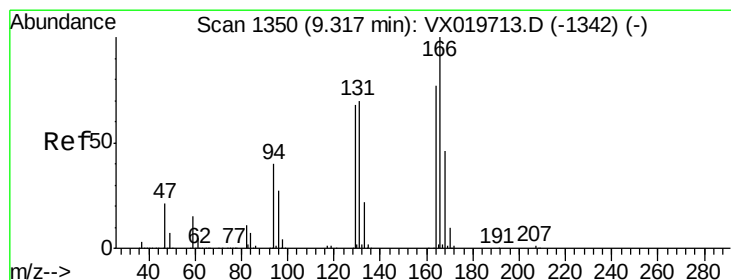
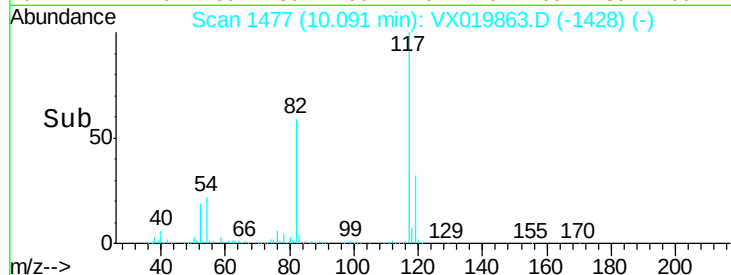
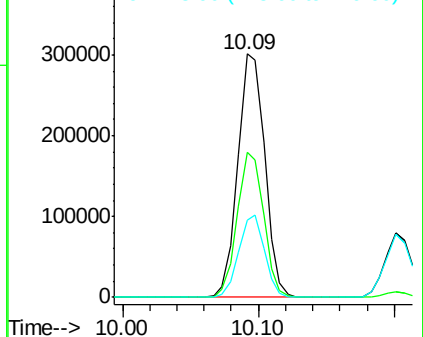
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 417008
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.8 26.6 39.8

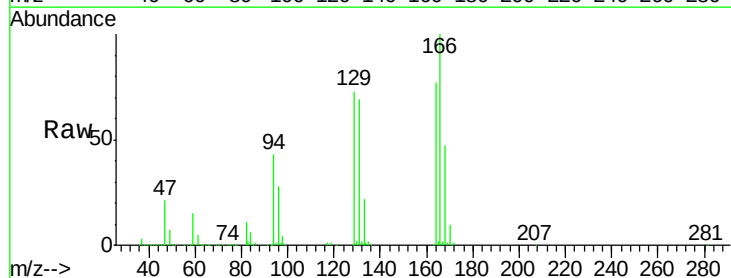


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

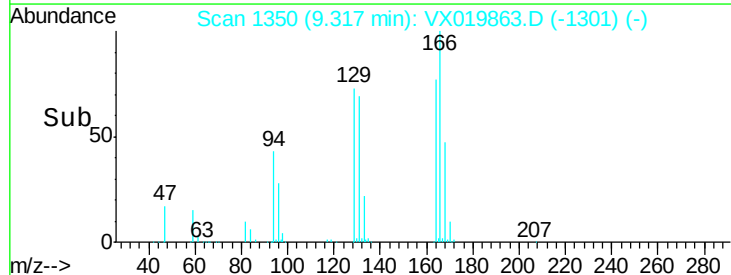
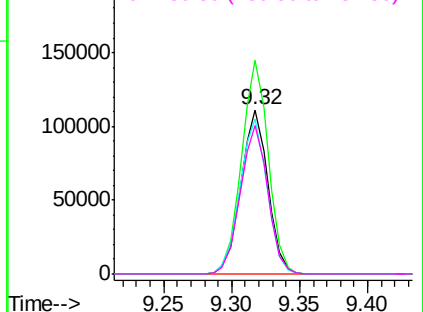


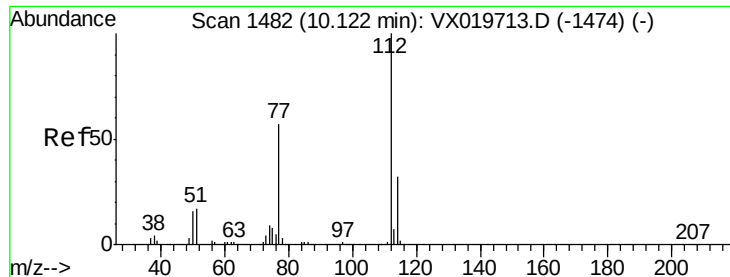
#64
Tetrachloroethene
Concen: 55.044 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion:164 Resp: 153932
Ion Ratio Lower Upper
164 100
166 129.9 103.4 155.2
129 94.4 70.8 106.2
131 90.2 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

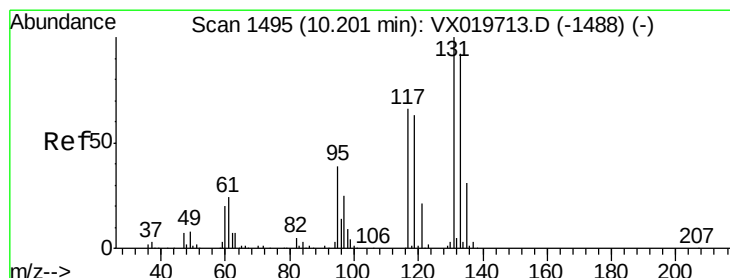
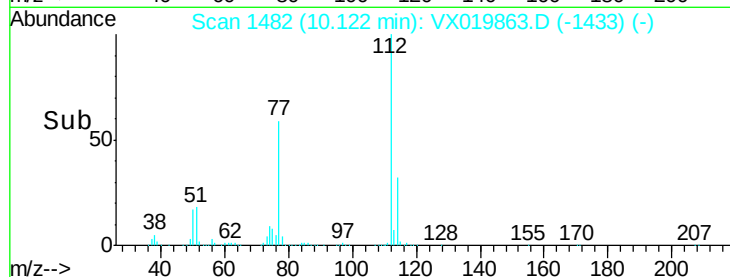
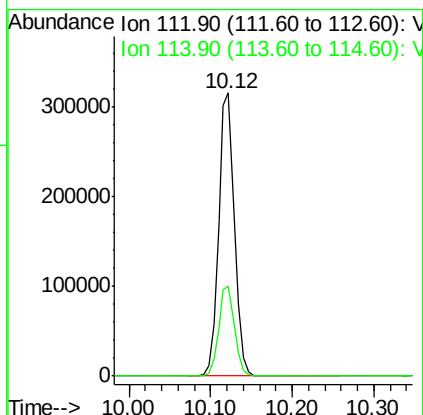
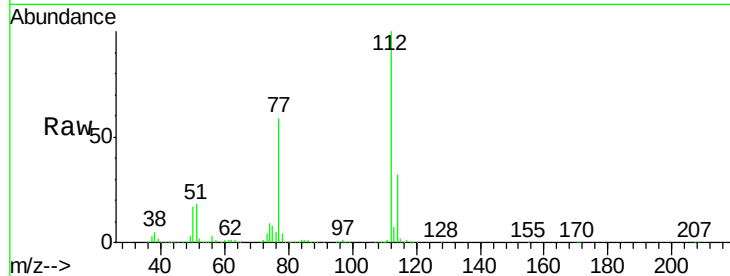




#65
Chlorobenzene
Concen: 51.520 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

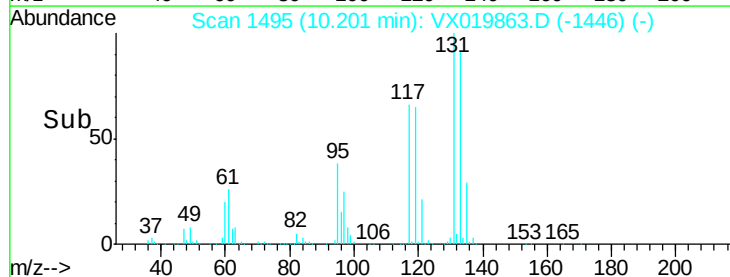
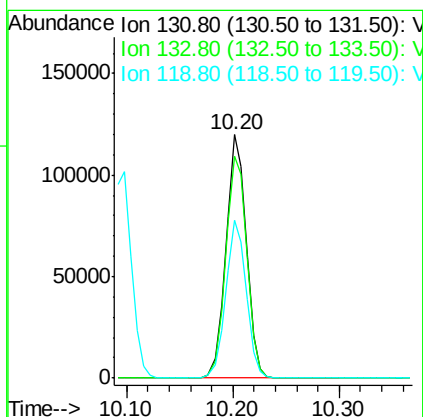
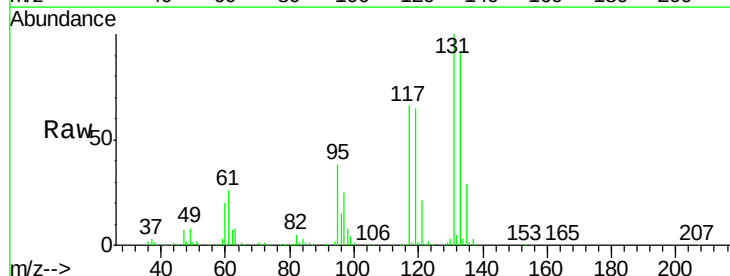
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

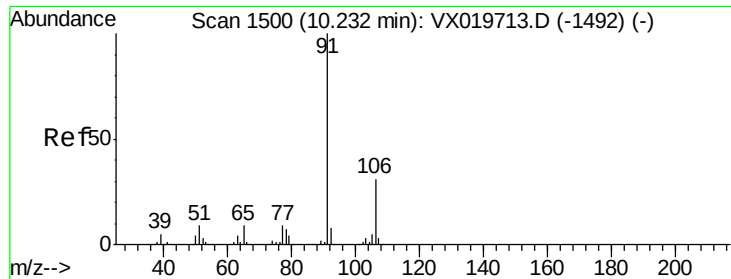
Tgt Ion:112 Resp: 428027
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.710 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion:131 Resp: 160606
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 64.6 32.1 96.5

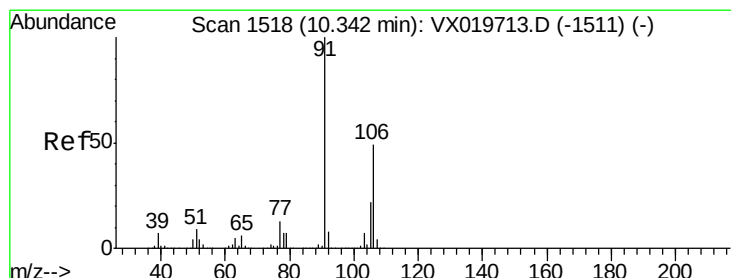
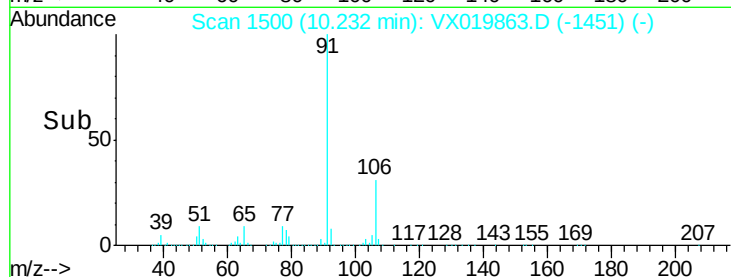
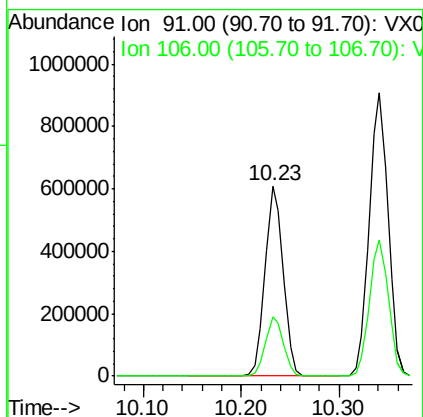
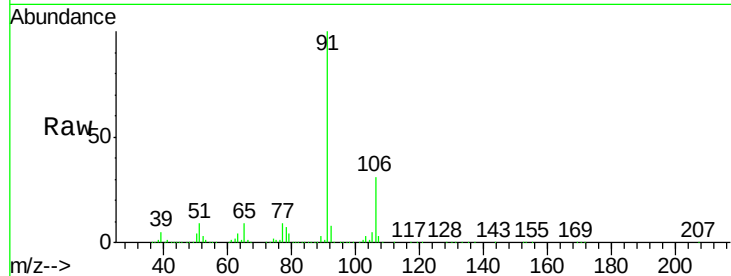




#67
Ethyl Benzene
Concen: 53.179 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

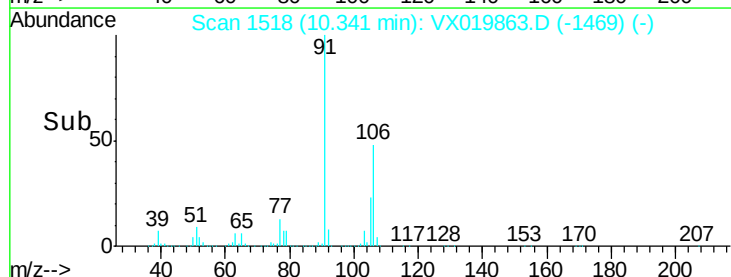
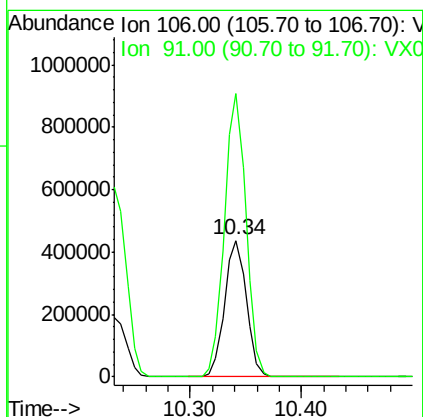
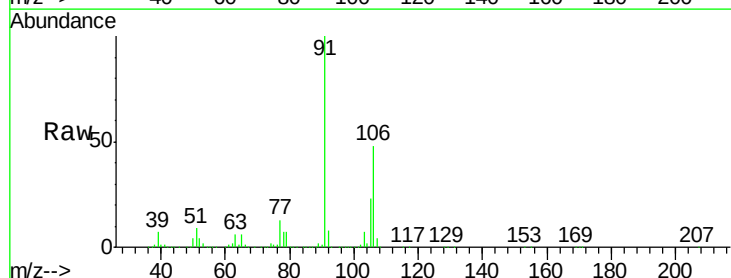
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

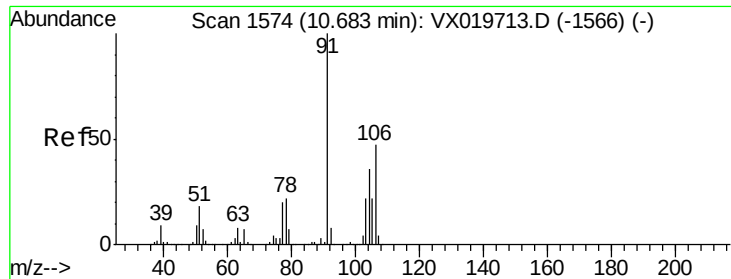
Tgt Ion: 91 Resp: 784228
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



#68
m/p-Xylenes
Concen: 106.345 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 106 Resp: 590949
Ion Ratio Lower Upper
106 100
91 206.2 162.8 244.2

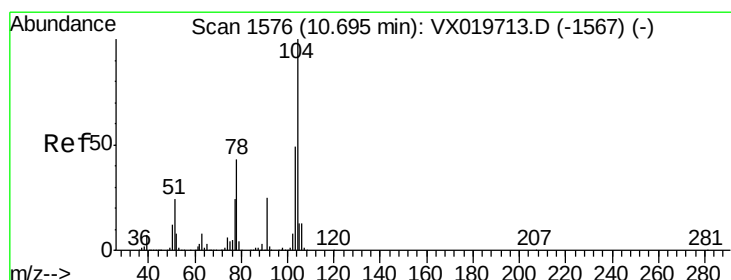
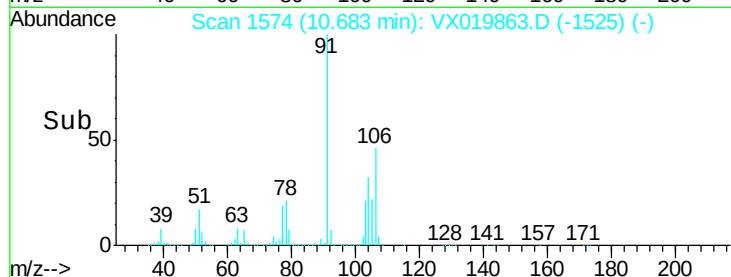
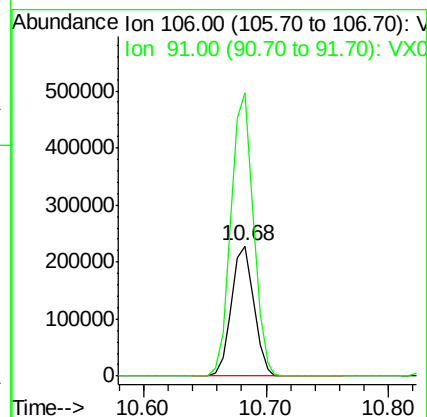
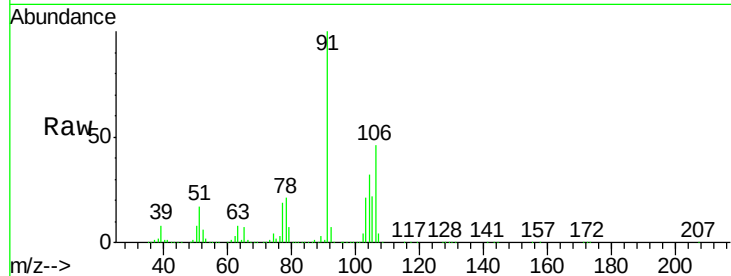




#69
o-Xylene
Concen: 54.122 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

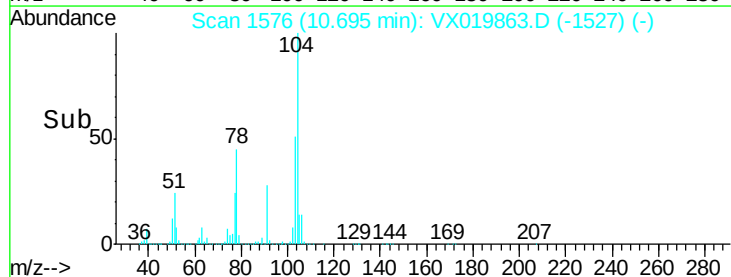
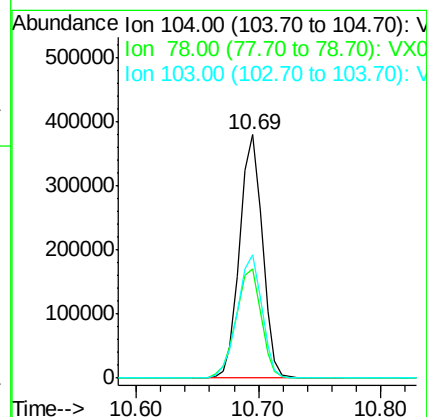
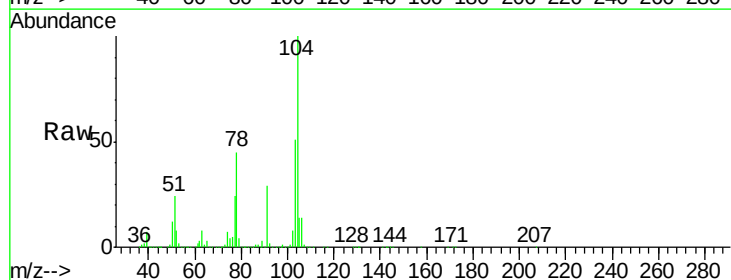
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

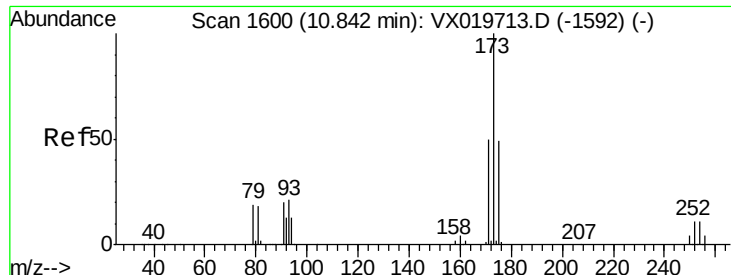
Tgt Ion:106 Resp: 289307
Ion Ratio Lower Upper
106 100
91 217.0 108.1 324.2



#70
Styrene
Concen: 53.765 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion:104 Resp: 485090
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 55.1 43.4 65.0





#71

Bromoform

Concen: 52.840 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

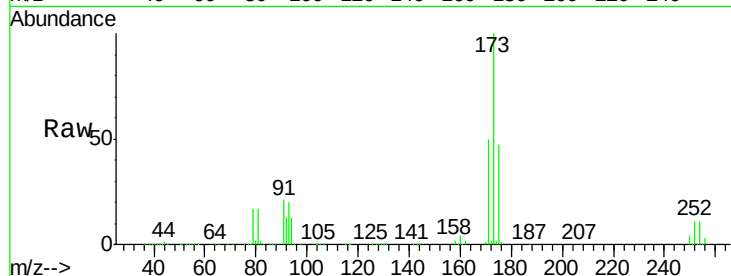
Tgt Ion:173 Resp: 124299

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

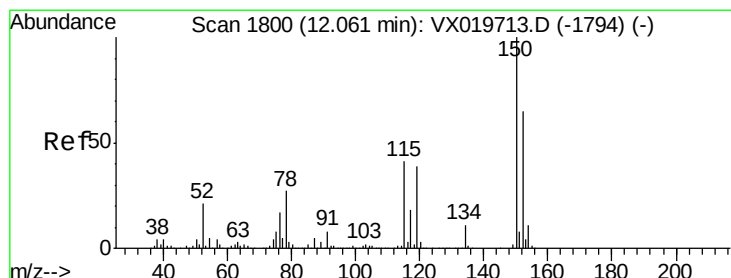
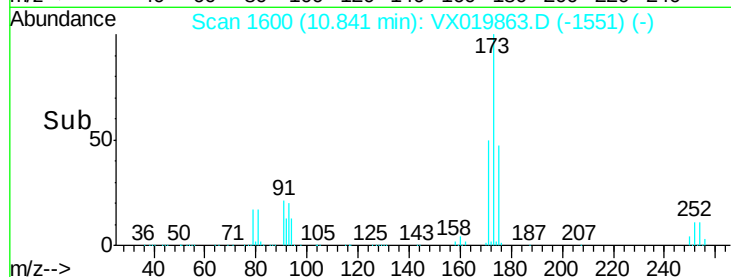
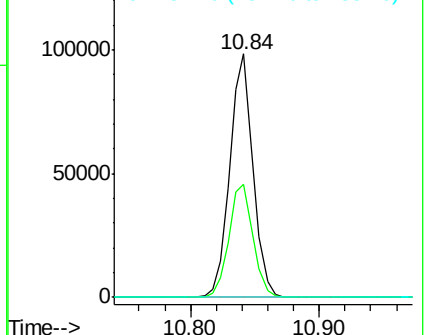
254 0.1 0.1 0.1



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: VX019863.D

Acq: 11 Dec 2020 06:59

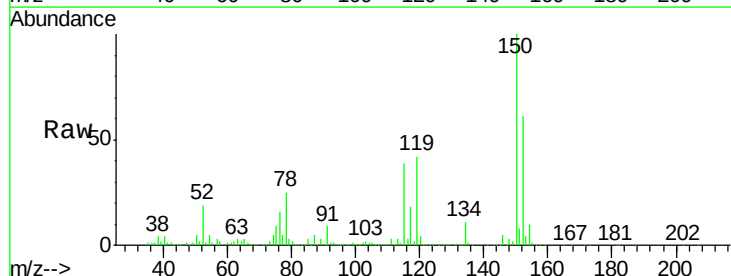
Tgt Ion:152 Resp: 211588

Ion Ratio Lower Upper

152 100

115 82.7 41.1 123.3

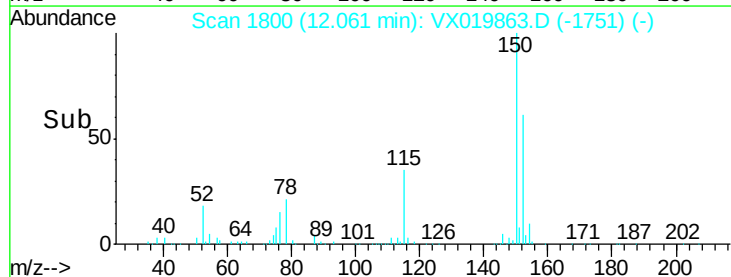
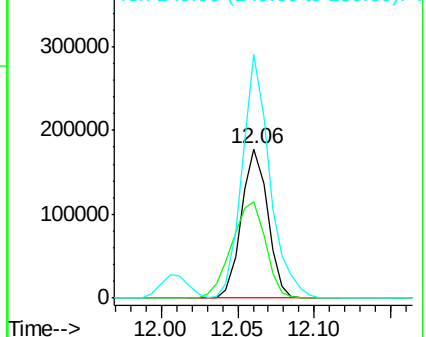
150 172.0 0.0 349.0

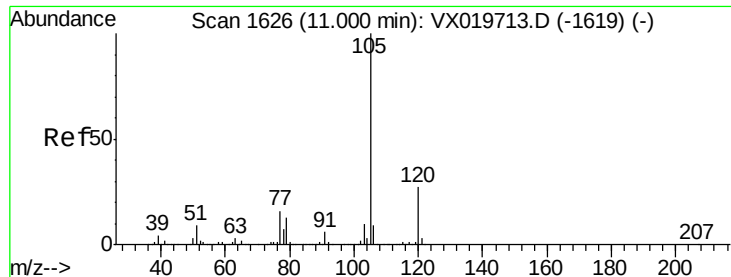


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.787 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

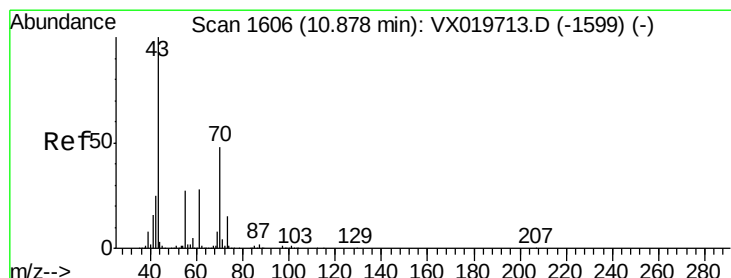
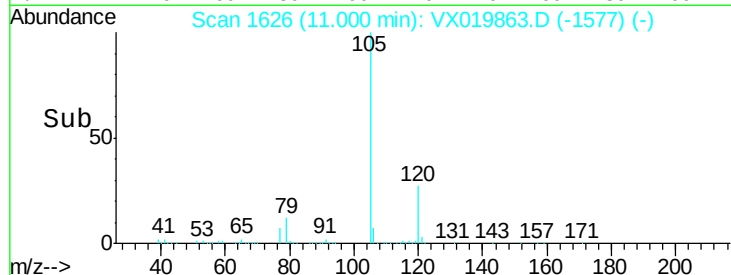
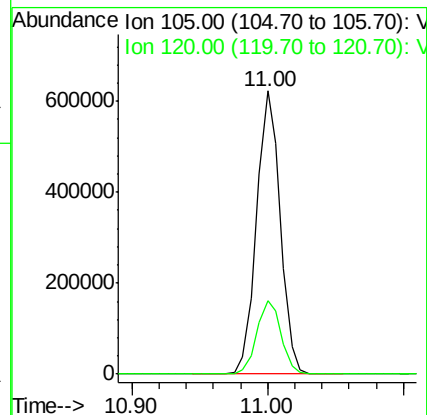
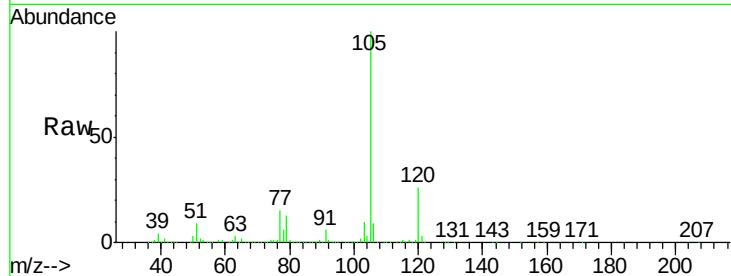
VSTDCCC050EC

Tgt Ion:105 Resp: 763064

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



#74

N-ethyl acetate

Concen: 53.040 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Tgt Ion: 43 Resp: 307261

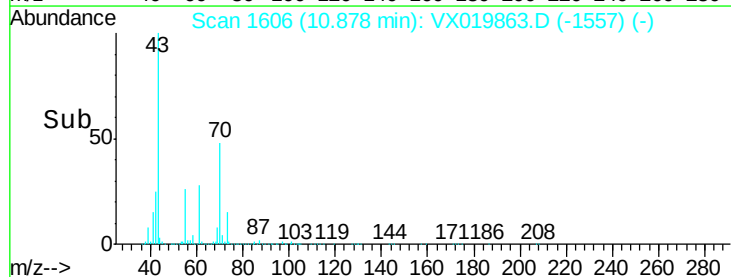
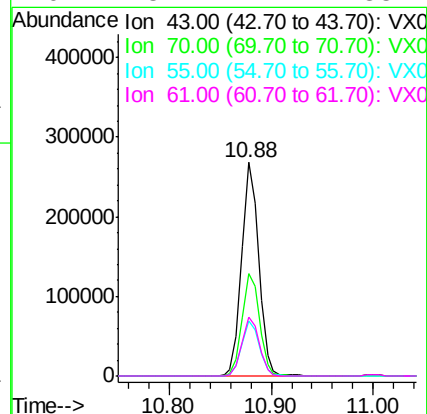
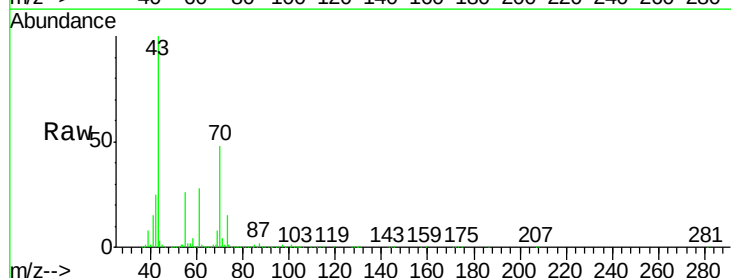
Ion Ratio Lower Upper

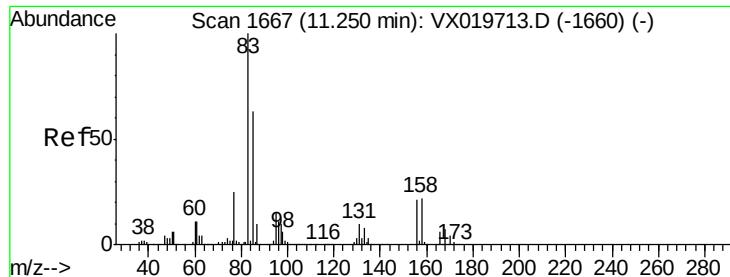
43 100

70 49.4 39.0 58.6

55 26.7 21.5 32.3

61 28.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.817 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

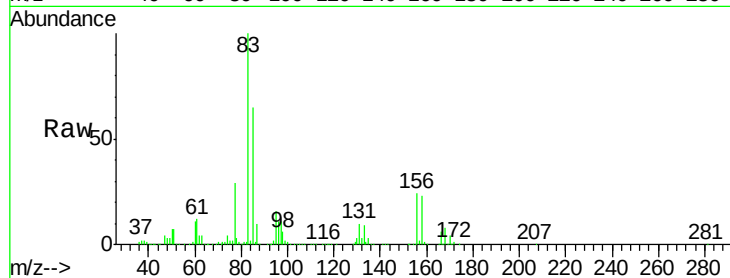
Tgt Ion: 83 Resp: 264082

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

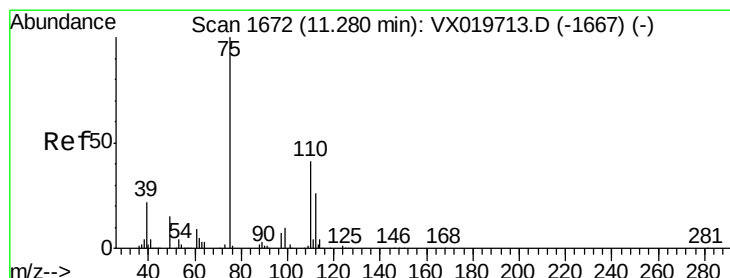
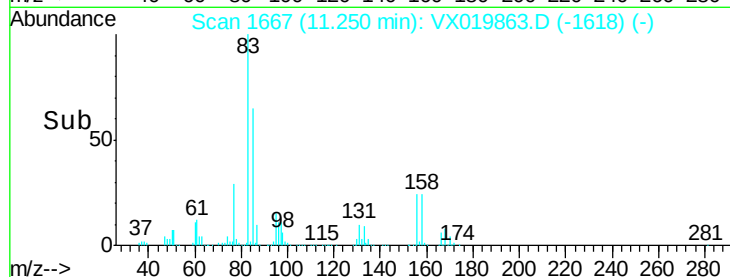
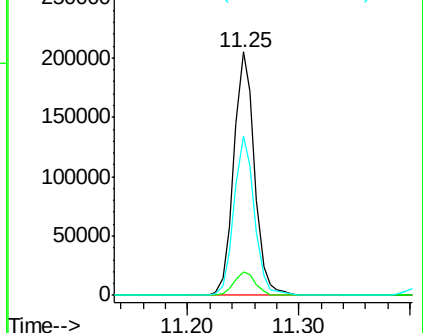
85 64.7 31.8 95.4



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: 63.424 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019863.D

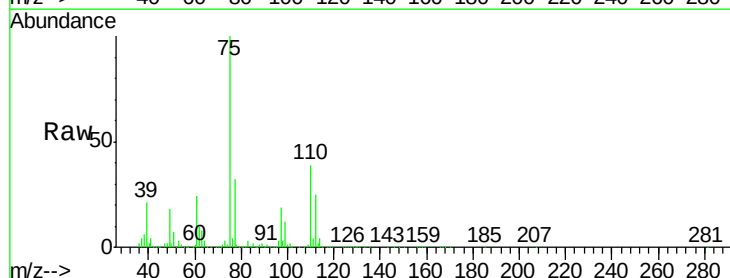
Acq: 11 Dec 2020 06:59

Tgt Ion: 75 Resp: 300982

Ion Ratio Lower Upper

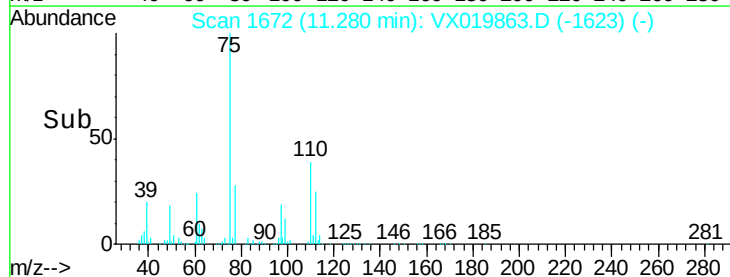
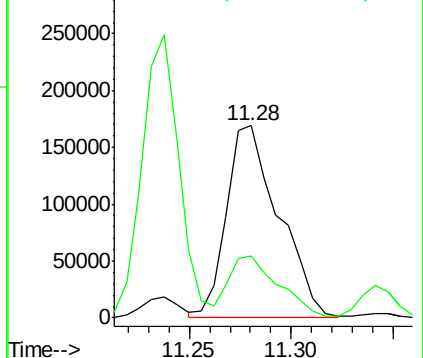
75 100

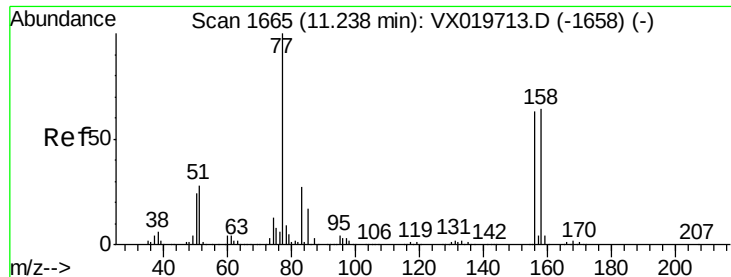
77 30.7 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.333 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

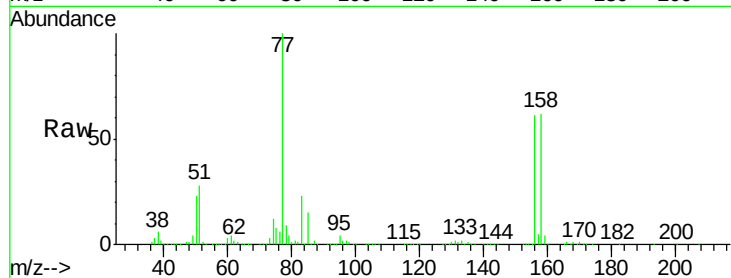
Tgt Ion:156 Resp: 186198

Ion Ratio Lower Upper

156 100

77 168.7 82.8 248.6

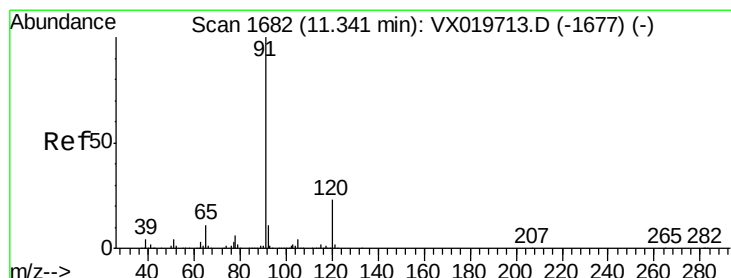
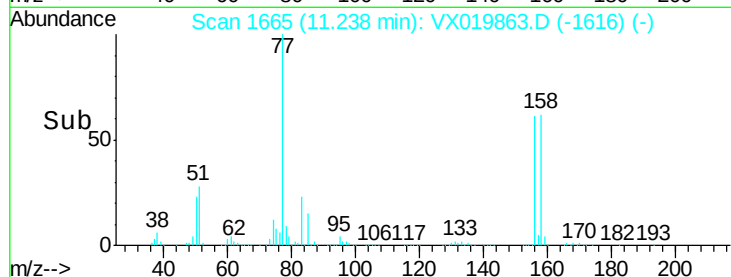
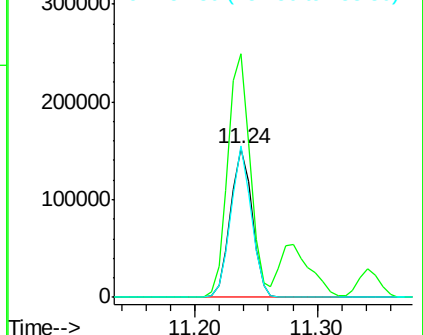
158 96.6 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.566 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019863.D

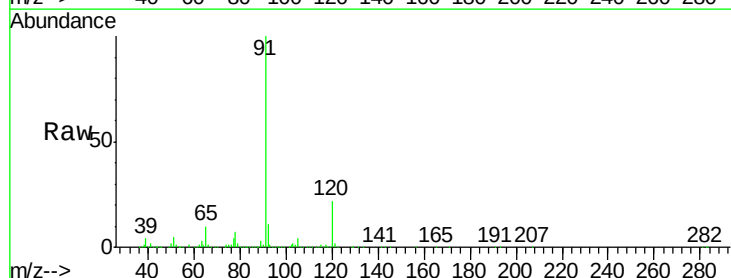
Acq: 11 Dec 2020 06:59

Tgt Ion: 91 Resp: 867888

Ion Ratio Lower Upper

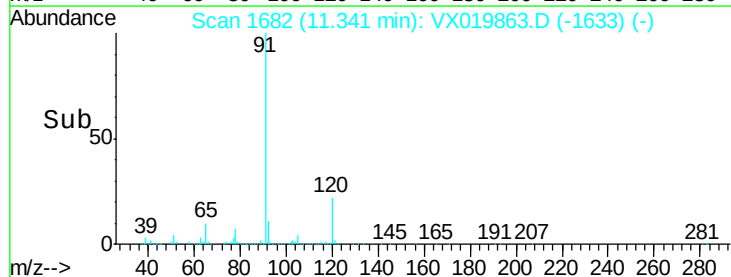
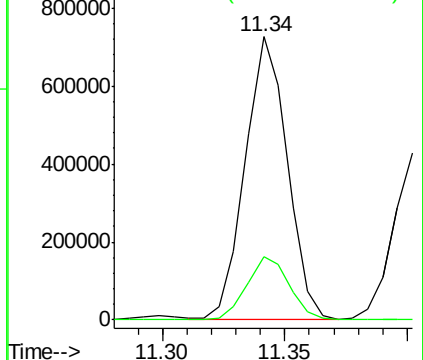
91 100

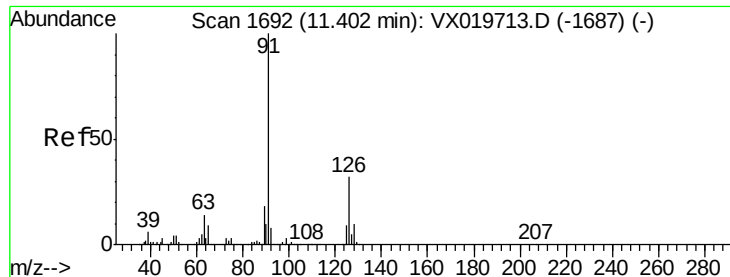
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.772 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

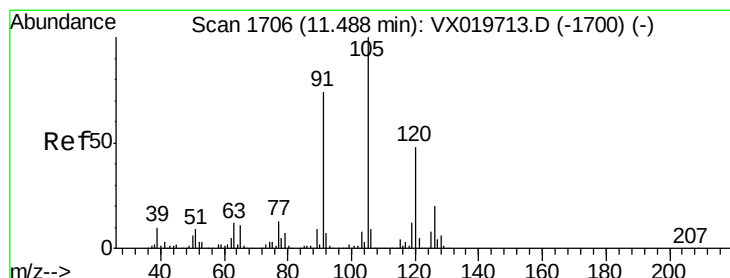
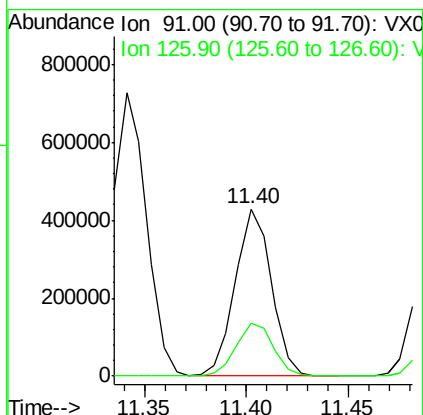
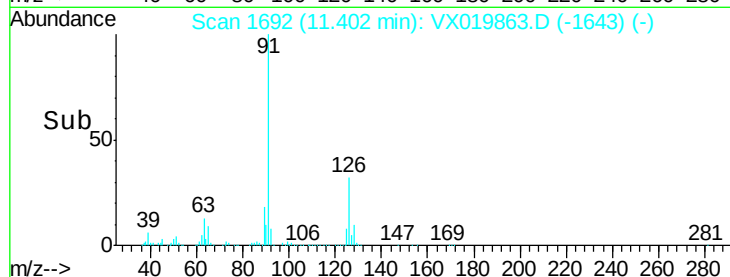
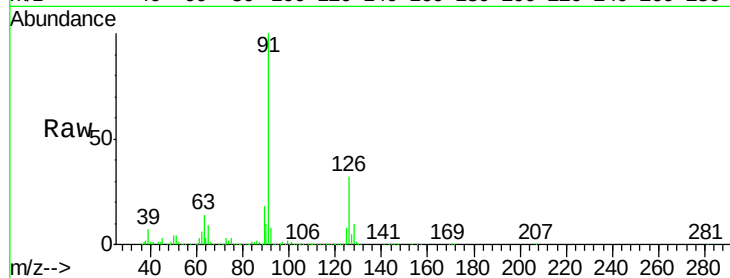
VSTDCCC050EC

Tgt Ion: 91 Resp: 526386

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 52.694 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019863.D

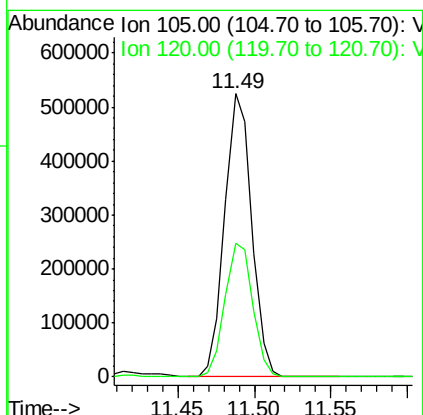
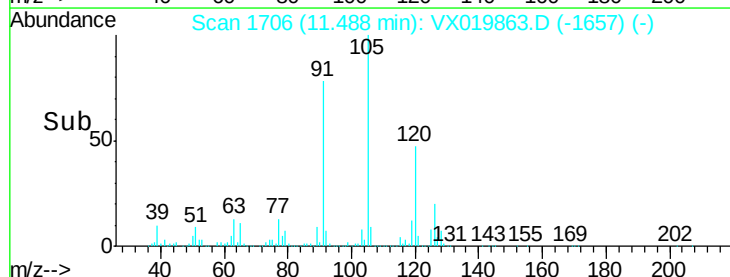
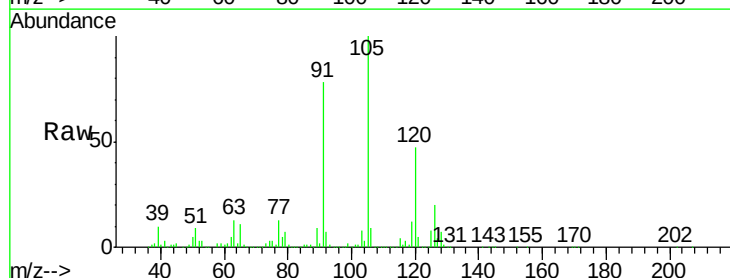
Acq: 11 Dec 2020 06:59

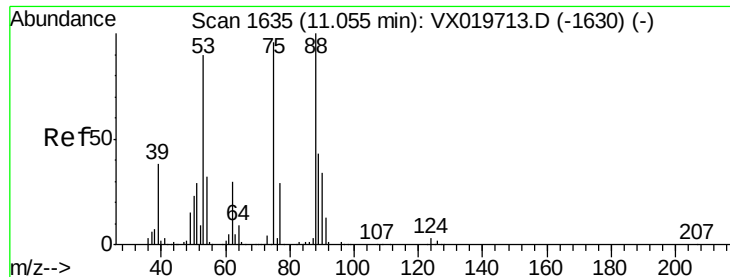
Tgt Ion: 105 Resp: 642870

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5

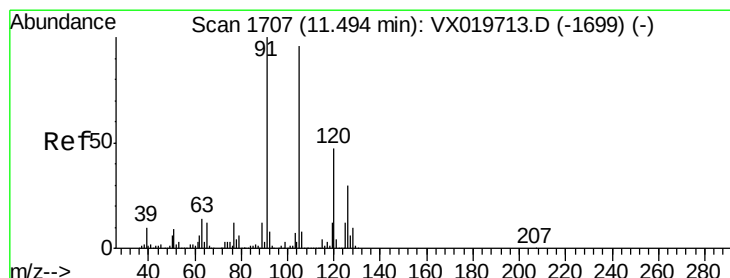
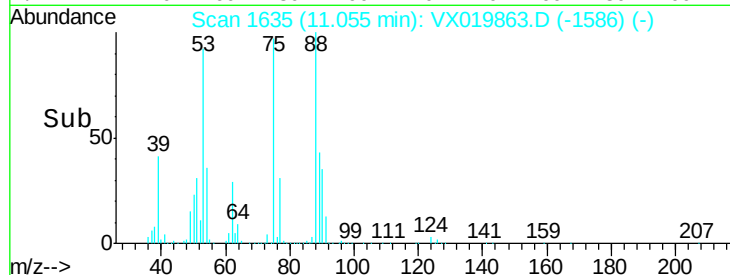
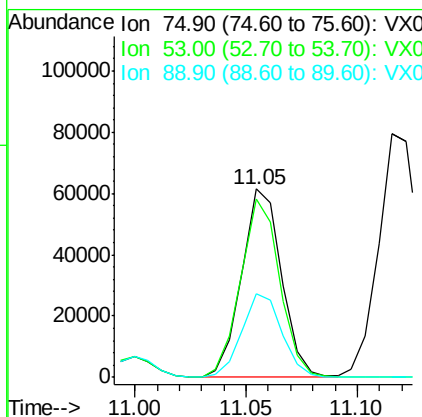
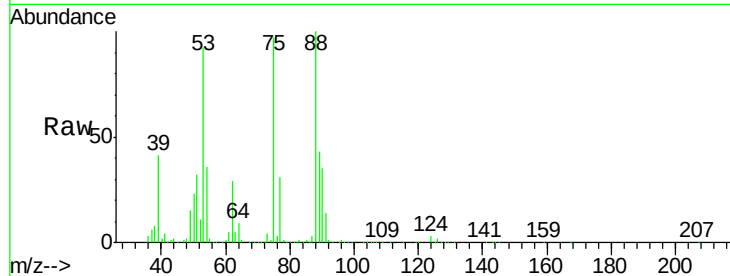




#81
trans-1,4-Dichloro-2-butene
Concen: 47.010 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

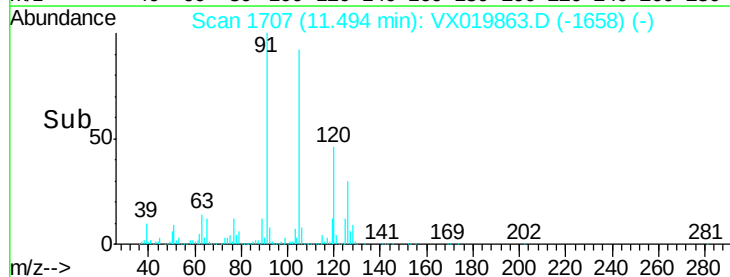
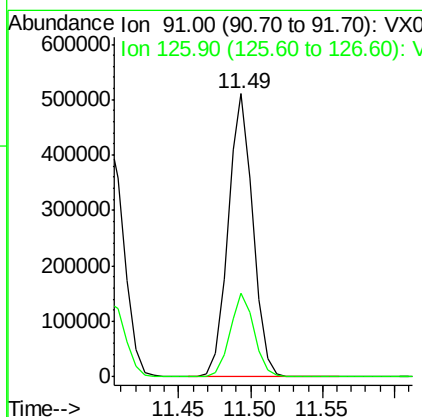
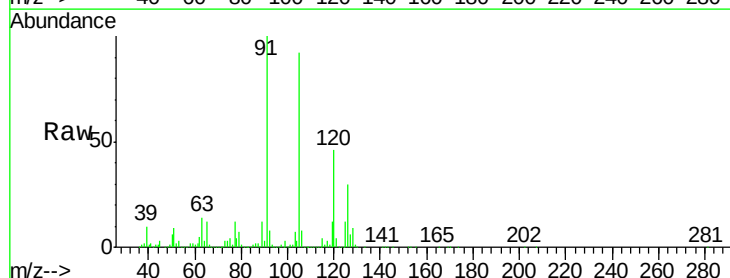
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

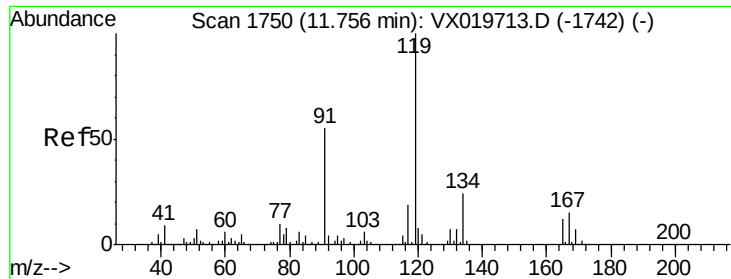
Tgt Ion: 75 Resp: 77171
Ion Ratio Lower Upper
75 100
53 92.6 74.5 111.7
89 44.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.754 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 91 Resp: 616286
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5

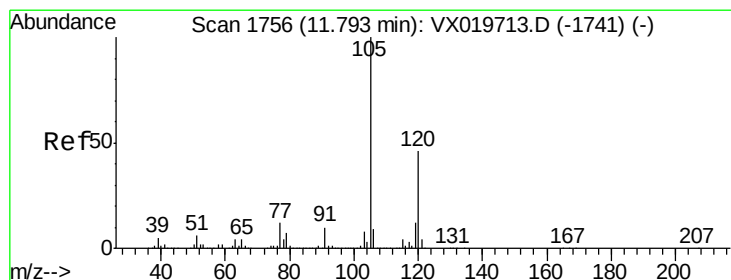
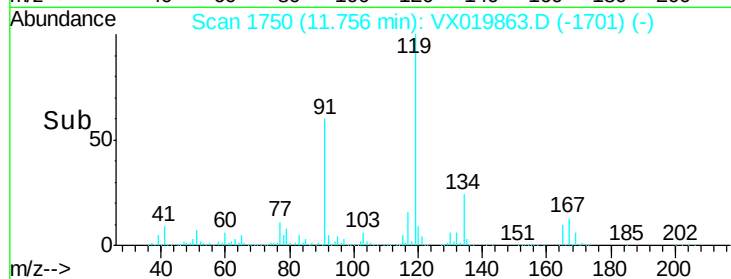
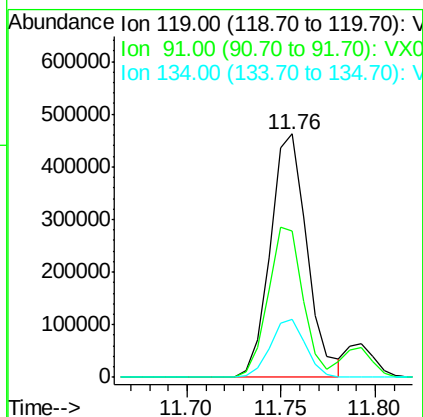
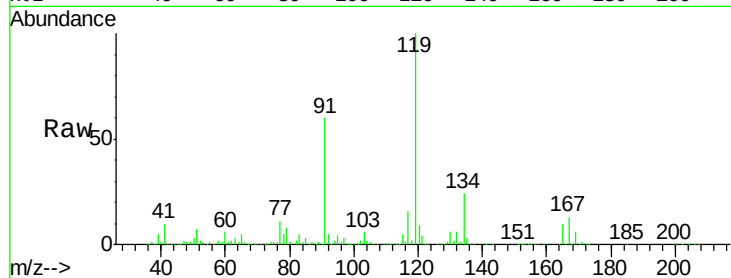




#83
 tert-Butylbenzene
 Concen: 52.256 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

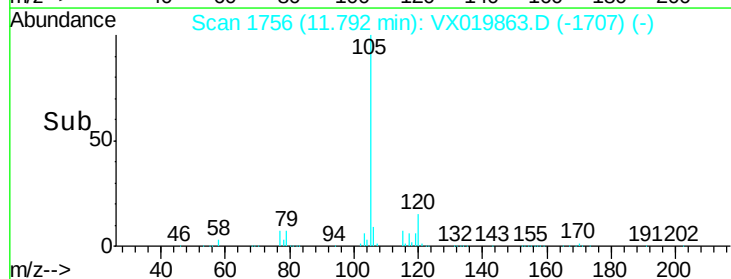
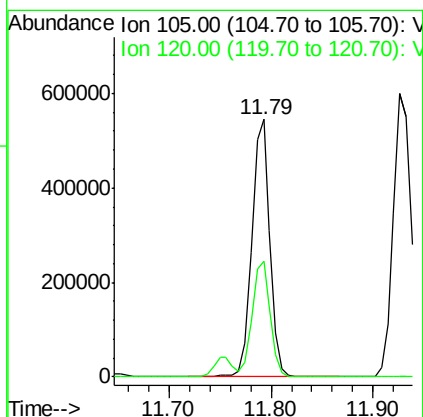
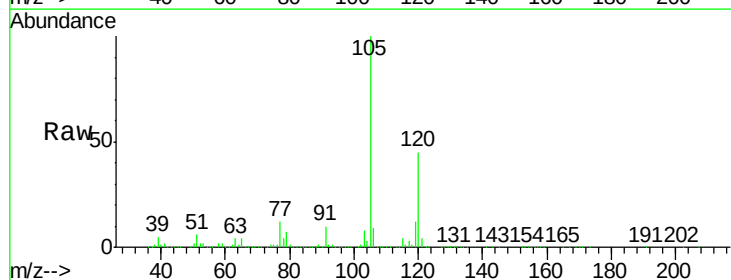
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

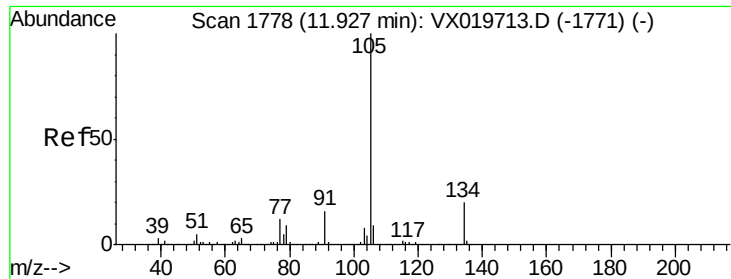
Tgt Ion:119 Resp: 625258
 Ion Ratio Lower Upper
 119 100
 91 58.6 27.9 83.7
 134 23.1 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.470 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion:105 Resp: 669400
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.3





#85

sec-Butylbenzene

Concen: 53.768 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

Instrument :

MSVOA_X

ClientSampleId :

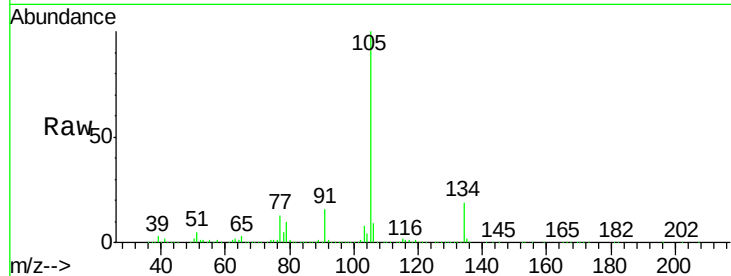
VSTDCCC050EC

Tgt Ion:105 Resp: 734526

Ion Ratio Lower Upper

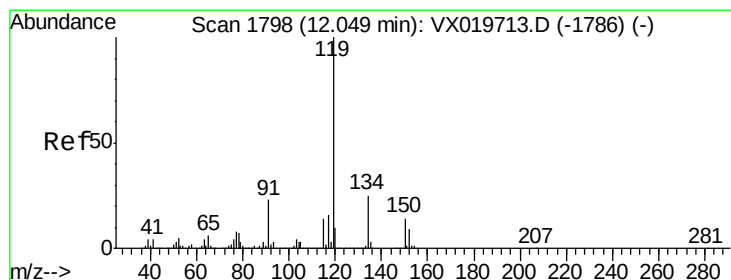
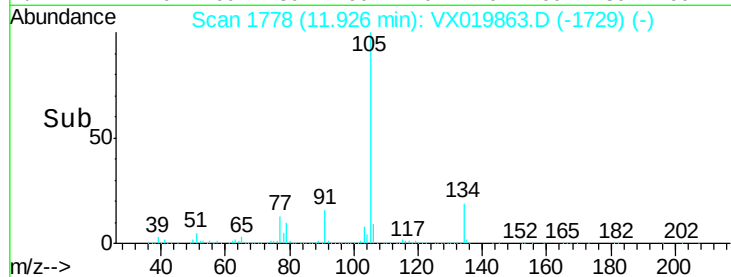
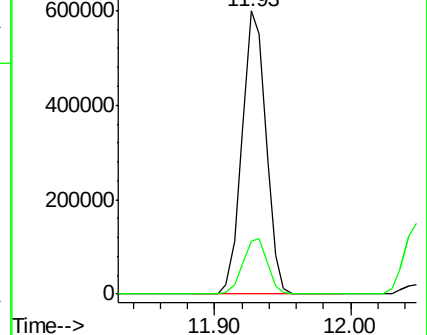
105 100

134 19.9 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.360 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019863.D

Acq: 11 Dec 2020 06:59

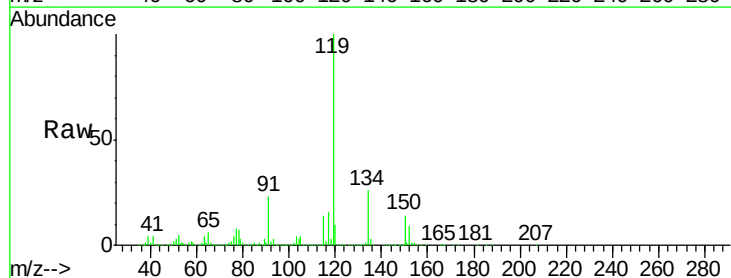
Tgt Ion:119 Resp: 668063

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

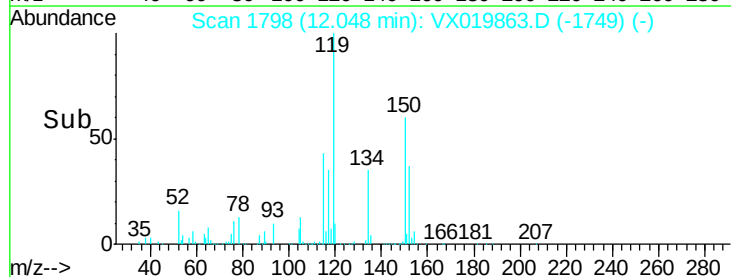
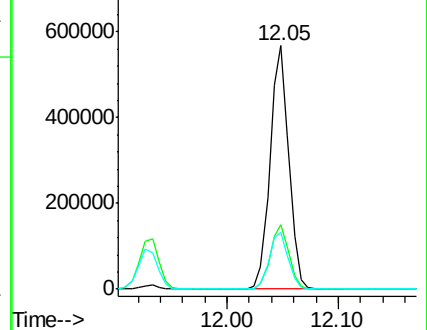
91 23.9 11.7 35.0

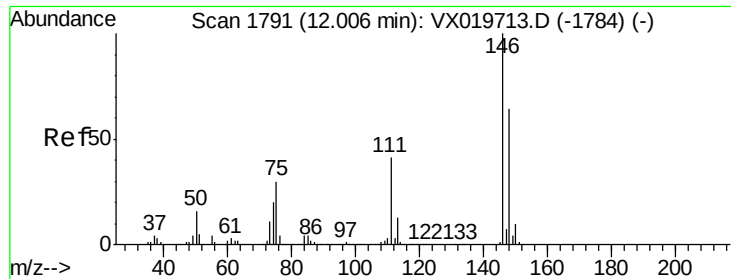


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

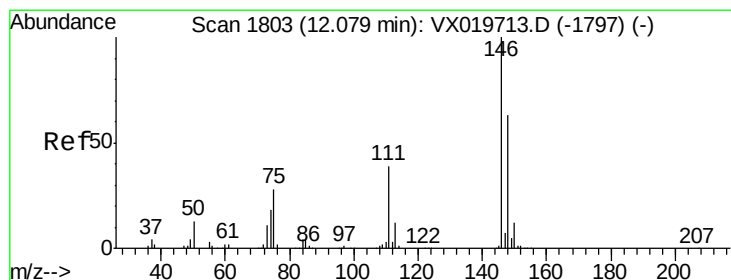
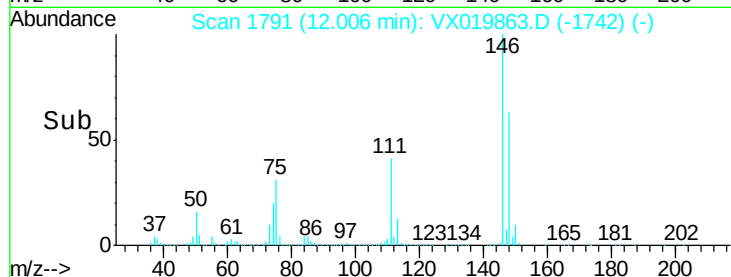
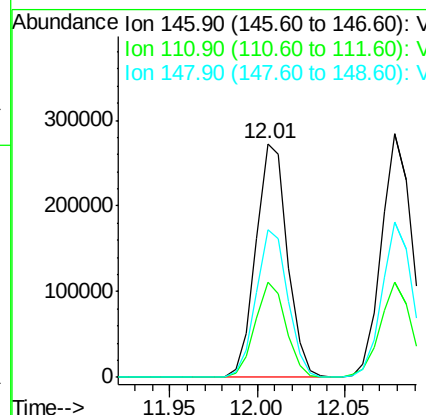
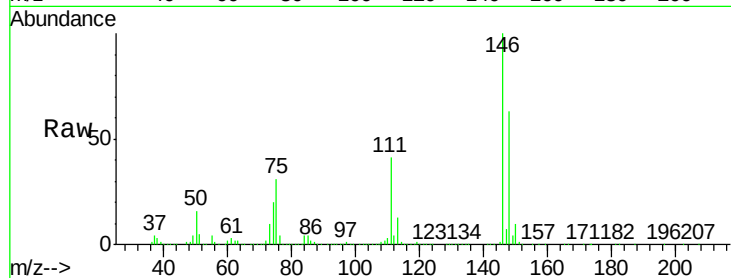




#87
 1,3-Dichlorobenzene
 Concen: 50.389 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

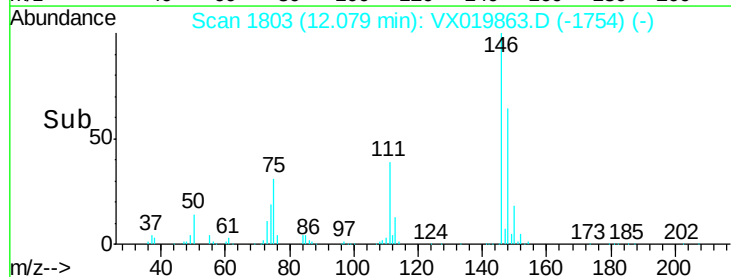
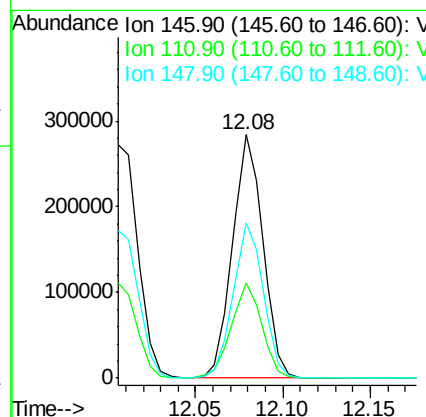
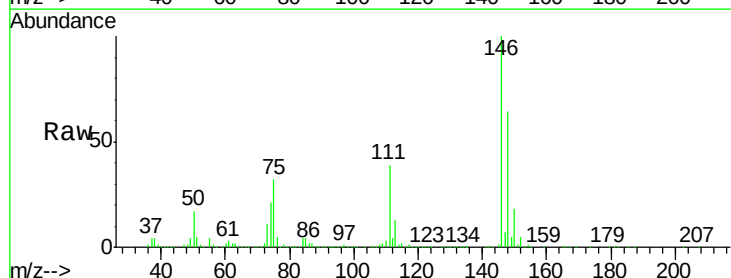
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

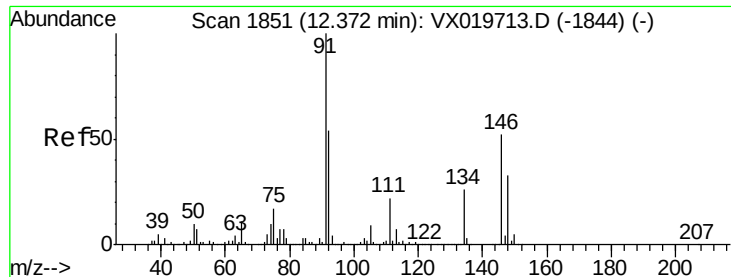
Tgt Ion:146 Resp: 342123
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.2 60.5
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.622 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion:146 Resp: 343157
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 63.2 31.6 95.0

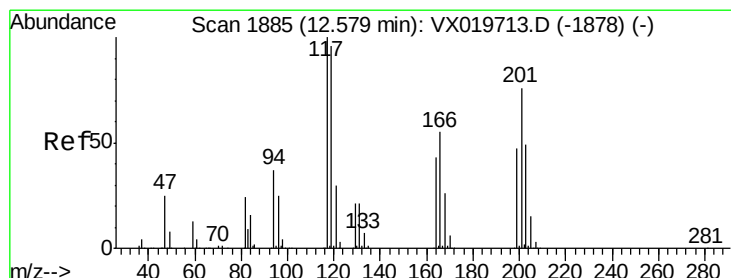
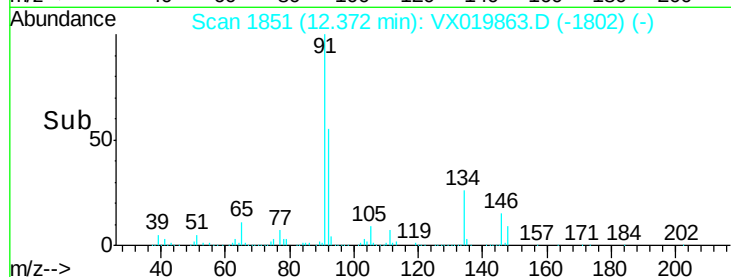
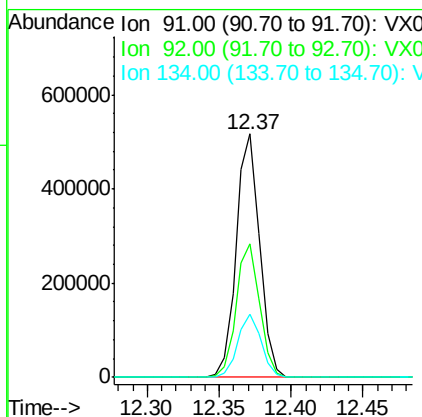
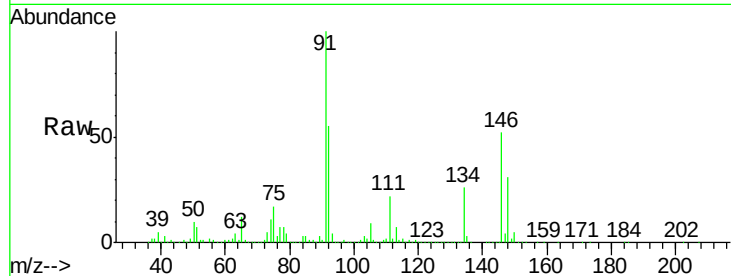




#89
n-Butylbenzene
Concen: 52.834 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

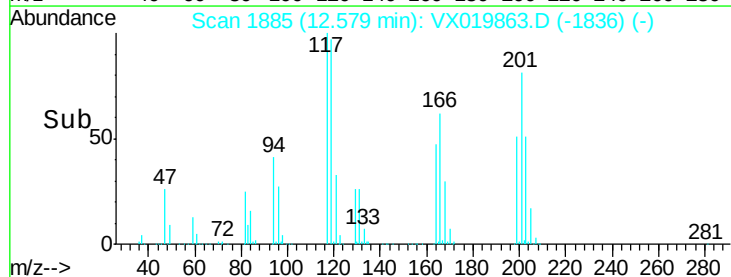
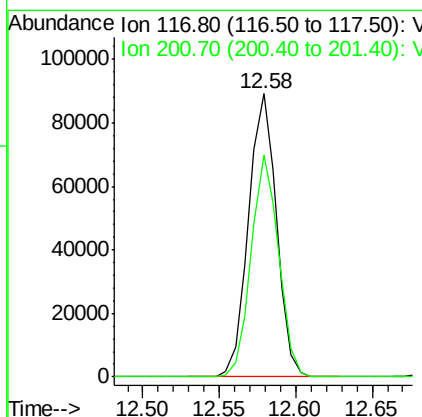
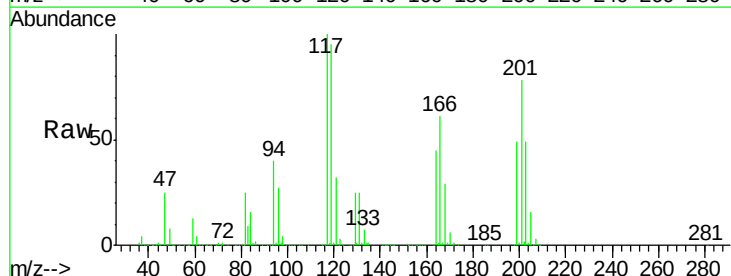
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

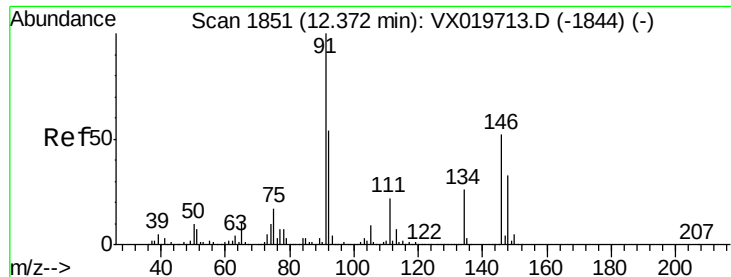
Tgt Ion: 91 Resp: 586047
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 26.1 13.2 39.5



#90
Hexachloroethane
Concen: 52.255 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 117 Resp: 112951
Ion Ratio Lower Upper
117 100
201 77.4 40.4 121.2

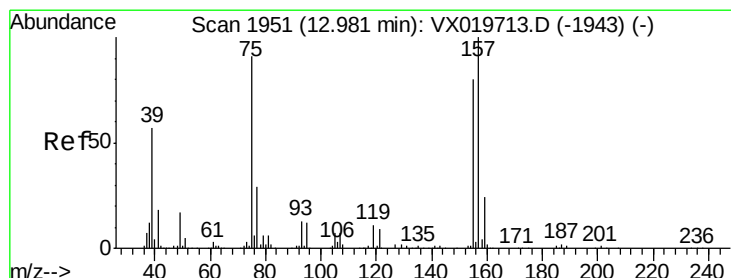
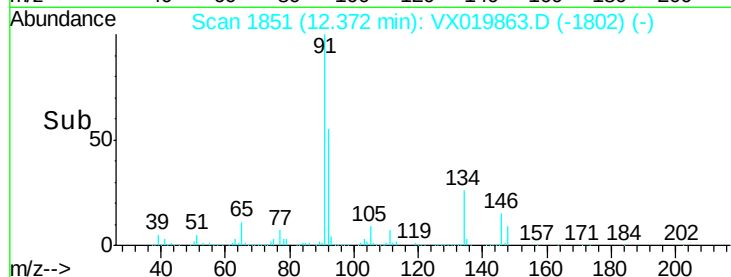
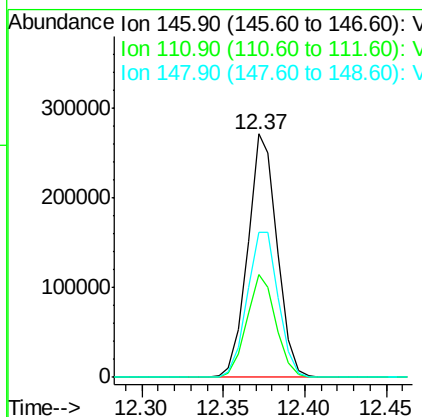
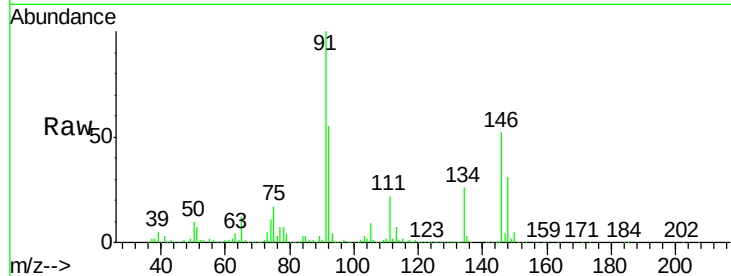




#91
1,2-Dichlorobenzene
Concen: 51.184 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

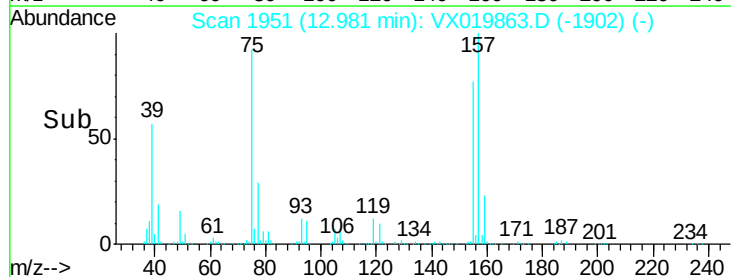
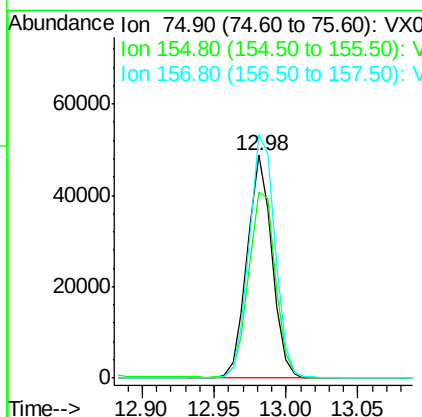
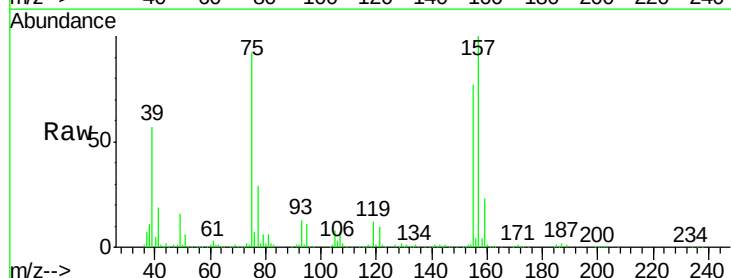
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

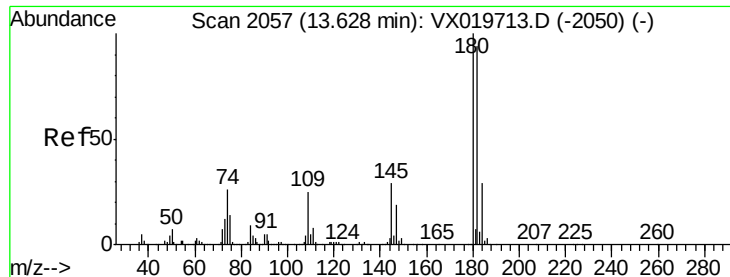
Tgt Ion:146 Resp: 338773
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.2
148 63.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.797 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion: 75 Resp: 57845
Ion Ratio Lower Upper
75 100
155 90.2 45.3 135.9
157 114.2 57.7 173.1

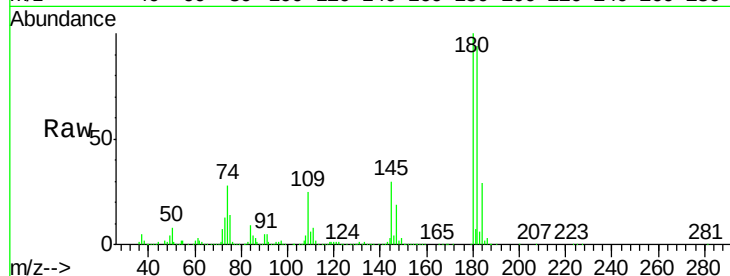




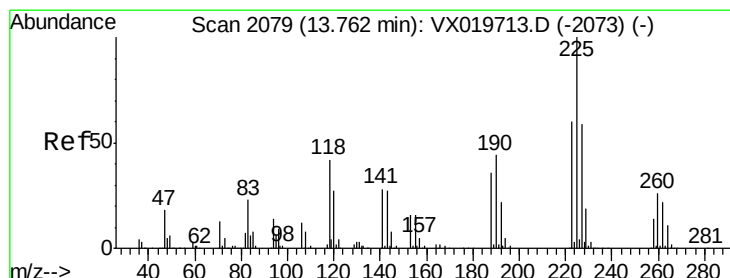
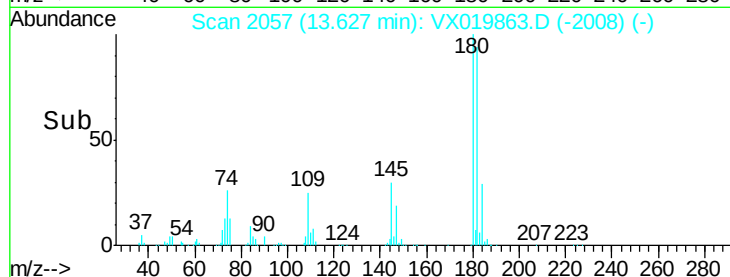
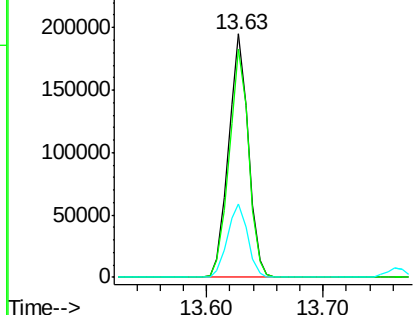
#93
 1,2,4-Trichlorobenzene
 Concen: 53.263 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 229483
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.7 143.1
 145 31.0 15.0 45.0

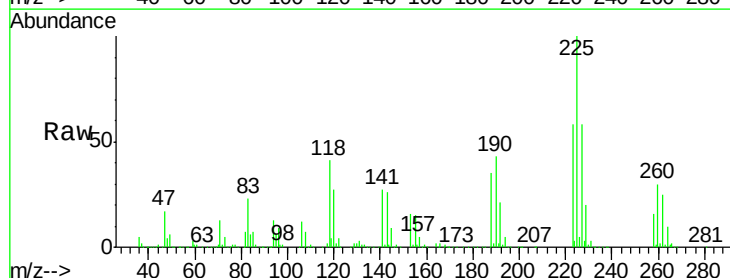


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

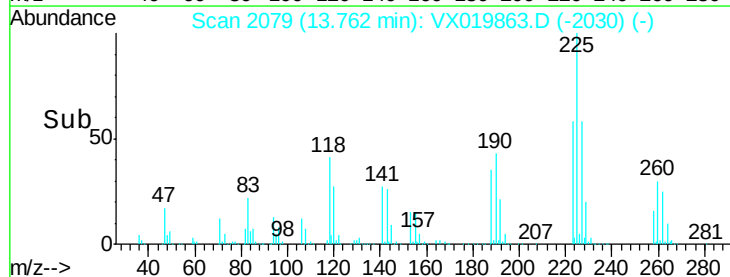
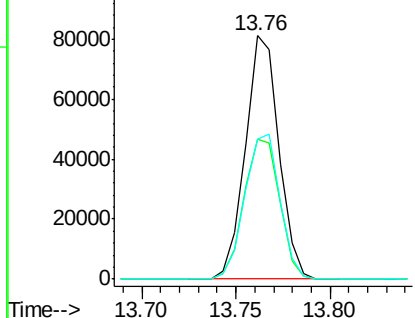


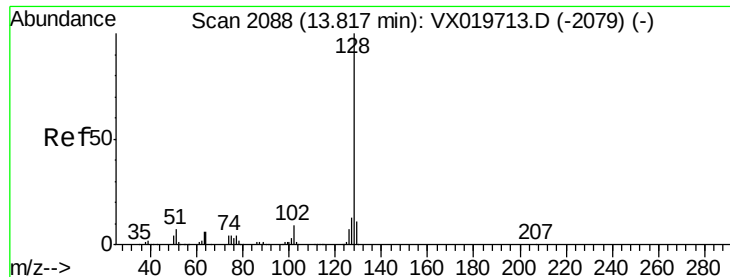
#94
 Hexachlorobutadiene
 Concen: 51.938 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019863.D
 Acq: 11 Dec 2020 06:59

Tgt Ion:225 Resp: 100018
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.1 93.2
 227 62.3 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

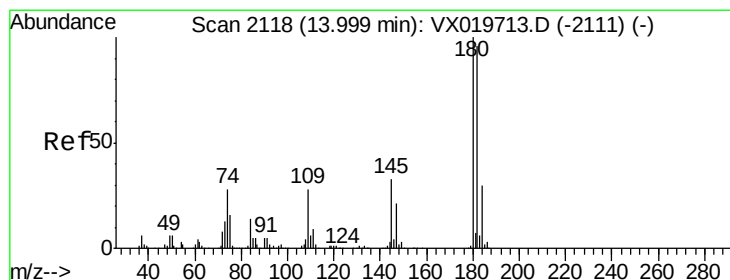
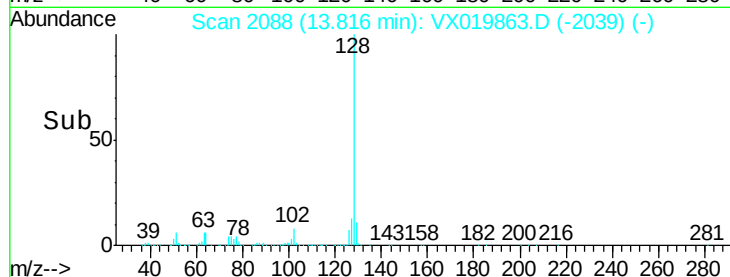
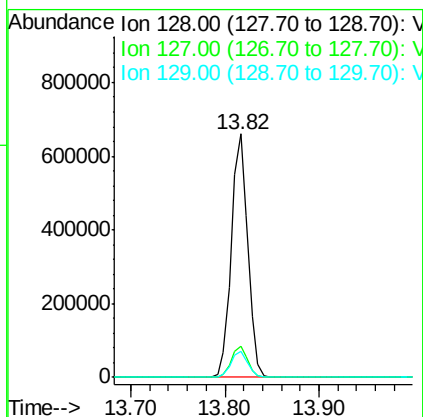
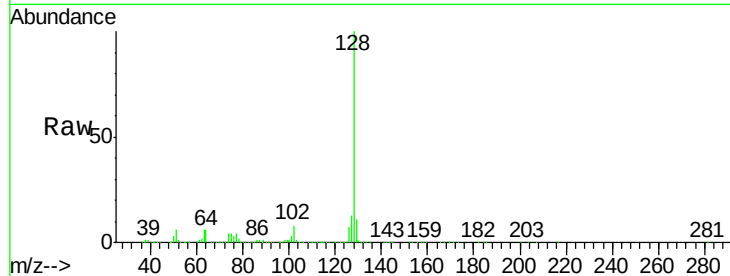




#95
Naphthalene
Concen: 57.138 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 798116
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.943 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019863.D
Acq: 11 Dec 2020 06:59

Tgt Ion:180 Resp: 227137
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.9
145 32.8 16.1 48.3

