

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018065.D
 Acq On : 26 Aug 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 27 04:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	542702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	809402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	757395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	407834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	359468	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	5.46	113	283615	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.70	98	1015242	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.12	95	402864	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	324421	49.099	ug/l	99
3) Chloromethane	1.31	50	298759	42.887	ug/l	98
4) Vinyl Chloride	1.39	62	306429	44.189	ug/l	99
5) Bromomethane	1.62	94	188717	56.422	ug/l	98
6) Chloroethane	1.71	64	173574	46.603	ug/l	100
7) Trichlorofluoromethane	1.92	101	496522	52.510	ug/l	98
8) Diethyl Ether	2.17	74	150265	46.859	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	243288	47.592	ug/l	98
10) Methyl Iodide	2.49	142	278987	50.903	ug/l	96
11) Tert butyl alcohol	3.01	59	278061	189.816	ug/l	97
12) 1,1-Dichloroethene	2.36	96	230583	43.477	ug/l	99
13) Acrolein	2.27	56	133282	219.426	ug/l	97
14) Allyl chloride	2.70	41	419632	44.040	ug/l	96
15) Acrylonitrile	3.11	53	658063	198.035	ug/l	98
16) Acetone	2.42	43	630969	214.927	ug/l	95
17) Carbon Disulfide	2.55	76	674425	42.066	ug/l	99
18) Methyl Acetate	2.75	43	281922	39.795	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	823980	45.302	ug/l	98
20) Methylene Chloride	2.83	84	267376	44.412	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	257945	43.899	ug/l	94
22) Diisopropyl ether	3.82	45	822995	43.762	ug/l	98
23) Vinyl Acetate	3.78	43	3711609	221.799	ug/l	100
24) 1,1-Dichloroethane	3.67	63	474293	44.304	ug/l	100
25) 2-Butanone	4.64	43	950971	197.102	ug/l	100
26) 2,2-Dichloropropane	4.55	77	462449	53.092	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	284569	42.033	ug/l	97
28) Bromochloromethane	4.98	49	228599	44.238	ug/l	97
29) Tetrahydrofuran	5.08	42	584971	190.460	ug/l	98
30) Chloroform	5.17	83	497185	44.852	ug/l	96
31) Cyclohexane	5.55	56	403584	44.754	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	473016	46.499	ug/l	99
36) 1,1-Dichloropropene	5.76	75	369143	49.447	ug/l	99
37) Ethyl Acetate	4.79	43	360904	41.623	ug/l	99
38) Carbon Tetrachloride	5.75	117	443497	52.714	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082620\
 Data File : VX018065.D
 Acq On : 26 Aug 2020 09:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 27 04:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	425148	52.080	ug/l	98
40) Benzene	6.11	78	1027331	46.832	ug/l	99
41) Methacrylonitrile	4.99	41	198019	41.593	ug/l	97
42) 1,2-Dichloroethane	6.16	62	421303	50.127	ug/l	99
43) Isopropyl Acetate	6.41	43	609274	43.505	ug/l	99
44) Trichloroethene	7.18	130	303063	48.894	ug/l	97
45) 1,2-Dichloropropane	7.49	63	278179	47.051	ug/l	95
46) Dibromomethane	7.63	93	191929	46.163	ug/l	98
47) Bromodichloromethane	7.87	83	411886	49.616	ug/l	97
48) Methyl methacrylate	7.74	41	304205	43.634	ug/l	99
49) 1,4-Dioxane	7.71	88	111731	884.742	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1857341	214.699	ug/l	100
52) Toluene	8.76	92	666622	47.924	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	452338	49.164	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	470850	48.310	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	271251	45.723	ug/l	99
56) Ethyl methacrylate	9.16	69	402308	45.617	ug/l	99
57) 1,3-Dichloropropane	9.35	76	454115	46.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	882445	222.429	ug/l	99
59) 2-Hexanone	9.47	43	1485529	225.832	ug/l	100
60) Dibromochloromethane	9.56	129	343005	49.287	ug/l	100
61) 1,2-Dibromoethane	9.65	107	298595	46.361	ug/l	100
64) Tetrachloroethene	9.32	164	308401	55.410	ug/l	96
65) Chlorobenzene	10.12	112	731894	48.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	303284	50.869	ug/l	99
67) Ethyl Benzene	10.23	91	1299640	50.521	ug/l	100
68) m/p-Xylenes	10.34	106	1007055	104.884	ug/l	98
69) o-Xylene	10.68	106	471294	50.634	ug/l	96
70) Styrene	10.70	104	828439	52.264	ug/l	99
71) Bromoform	10.84	173	262437	51.606	ug/l	98
73) Isopropylbenzene	11.00	105	1328798	49.396	ug/l	99
74) N-amyl acetate	10.88	43	562376	44.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395827	41.711	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	509300	56.137	ug/l	84
77) Bromobenzene	11.24	156	349836	47.046	ug/l	96
78) n-propylbenzene	11.34	91	1543564	50.534	ug/l	100
79) 2-Chlorotoluene	11.40	91	916859	48.585	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1168448	52.856	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	157728	46.955	ug/l	97
82) 4-Chlorotoluene	11.49	91	1098744	48.976	ug/l	99
83) tert-Butylbenzene	11.76	119	1078670	49.444	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1171464	51.832	ug/l	99
85) sec-Butylbenzene	11.93	105	1318177	53.133	ug/l	99
86) p-Isopropyltoluene	12.05	119	1264422	55.485	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	651473	49.900	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	646744	49.475	ug/l	96
89) n-Butylbenzene	12.37	91	1103116	53.036	ug/l	99
90) Hexachloroethane	12.58	117	242951	54.187	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	607392	49.424	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	102031	43.000	ug/l	95

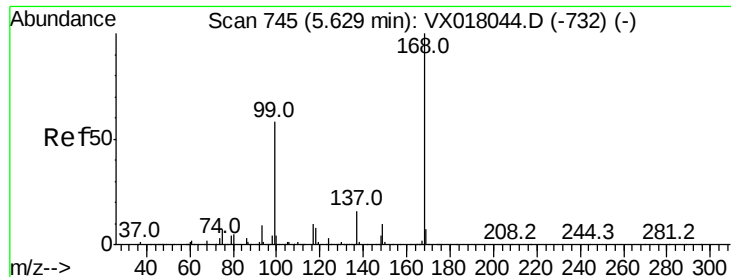
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
Data File : VX018065.D
Acq On : 26 Aug 2020 09:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 27 04:01:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	423503	51.678	ug/l	98
94) Hexachlorobutadiene	13.76	225	171970	53.202	ug/l	96
95) Naphthalene	13.82	128	1315815	48.788	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	416618	51.451	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. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

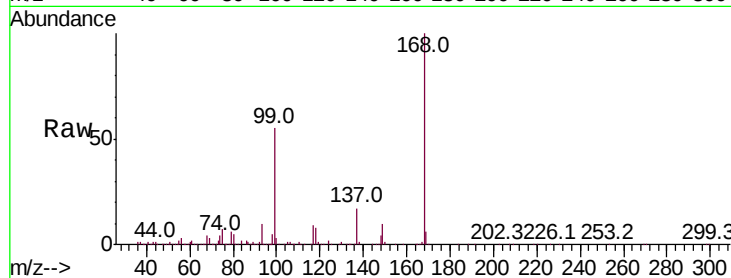
VSTDCCC050

Tot Ion:168 Resp: 542702

Ion Ratio Lower Upper

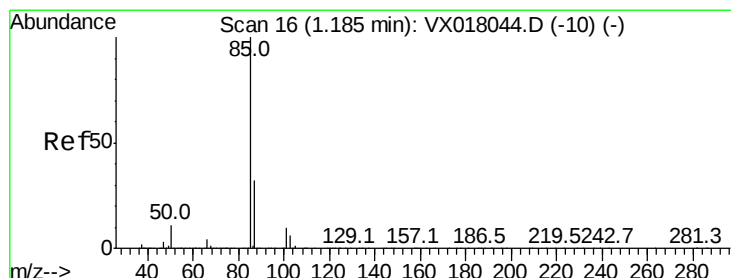
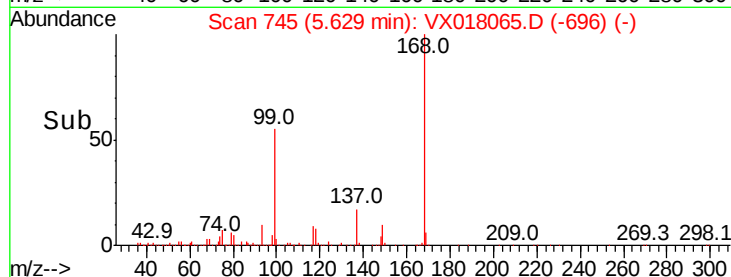
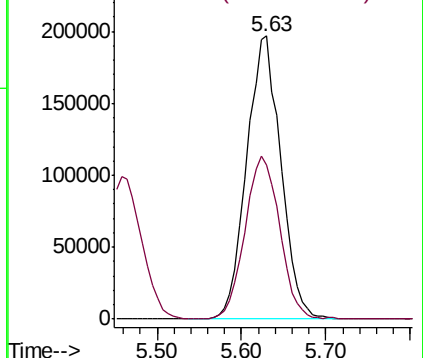
168 100

99 54.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.099 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018065.D

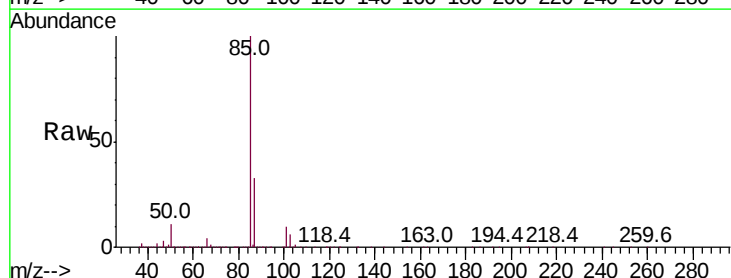
Acq: 26 Aug 2020 09:59

Tgt Ion: 85 Resp: 324421

Ion Ratio Lower Upper

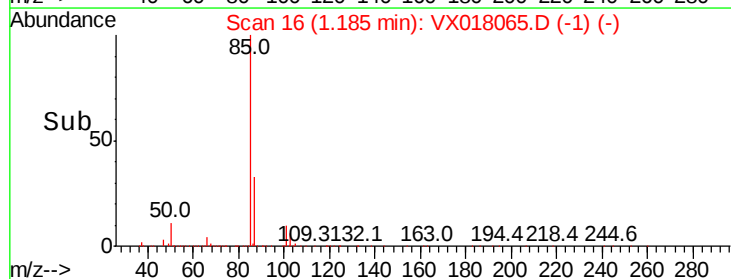
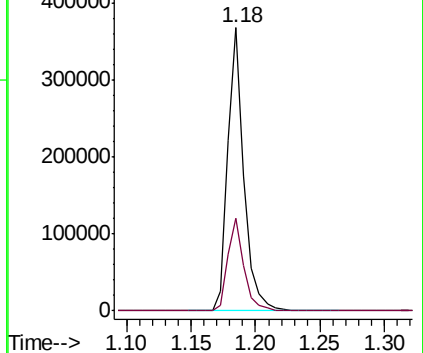
85 100

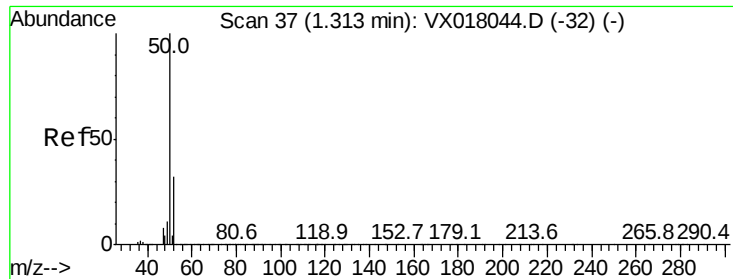
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.887 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

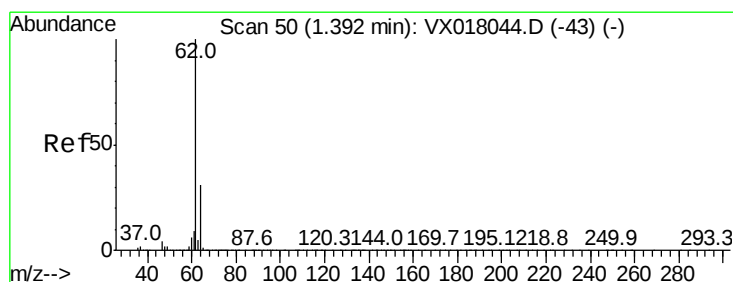
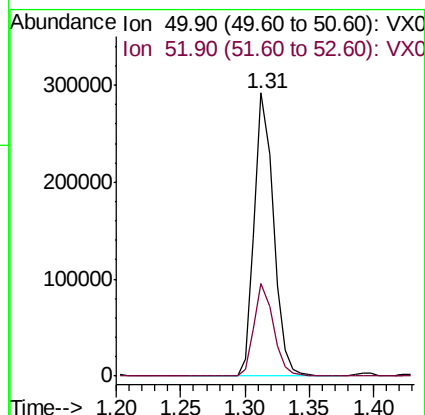
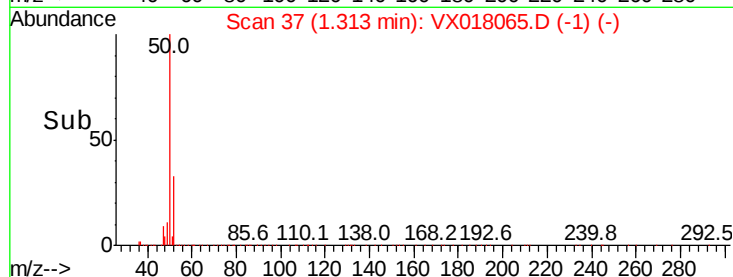
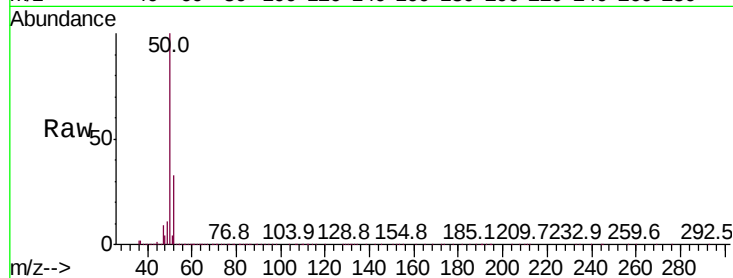
VSTDCCC050

Tot Ion: 50 Resp: 298759

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 44.189 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018065.D

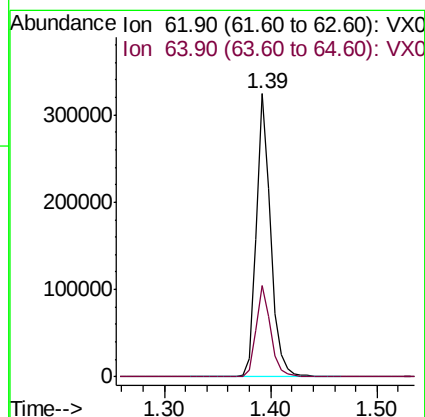
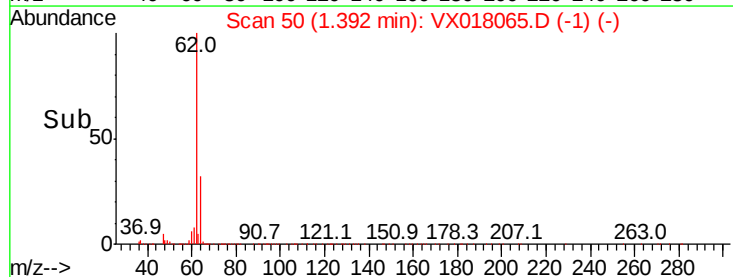
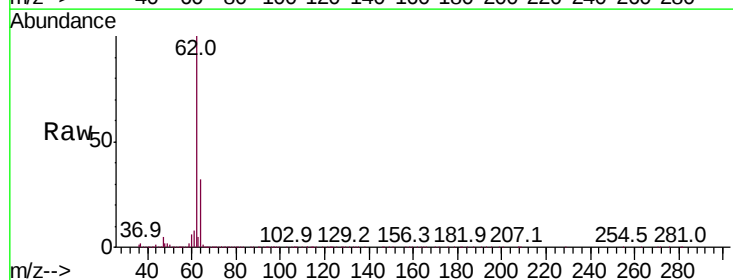
Acq: 26 Aug 2020 09:59

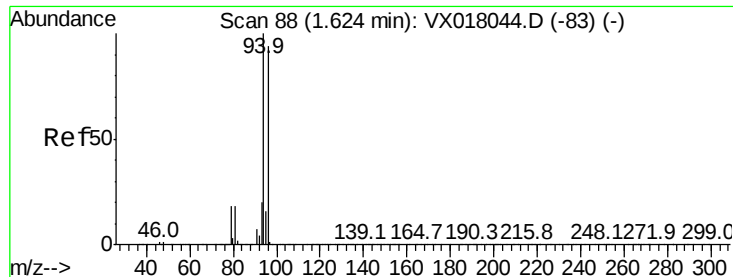
Tgt Ion: 62 Resp: 306429

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 56.422 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

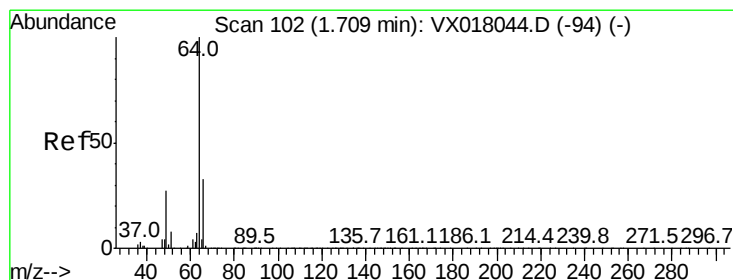
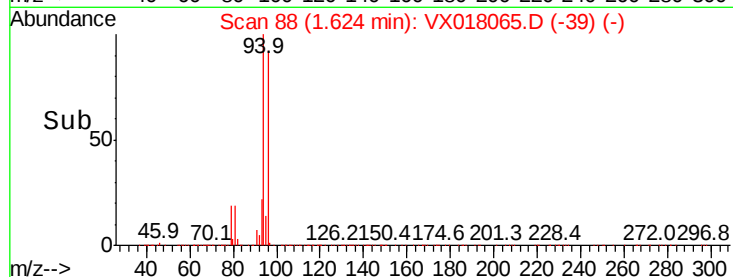
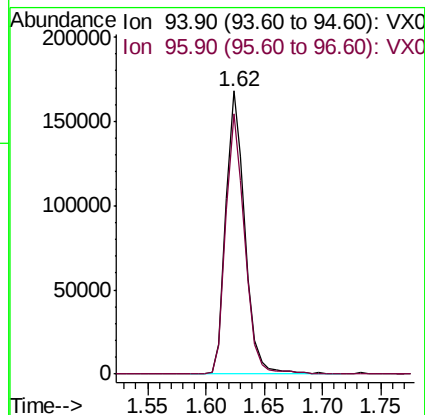
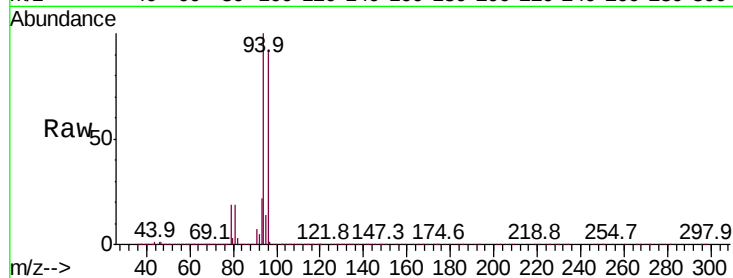
VSTDCCC050

Tot Ion: 94 Resp: 188717

Ion Ratio Lower Upper

94 100

96 92.0 74.8 112.2



#6

Chloroethane

Concen: 46.603 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018065.D

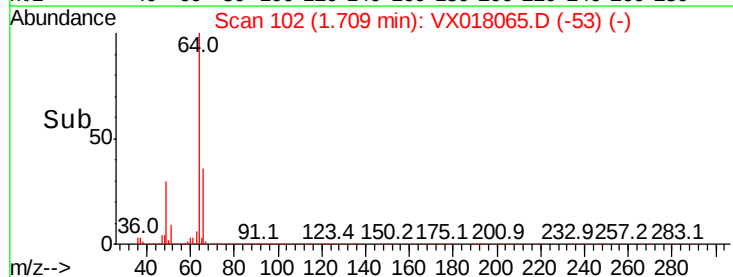
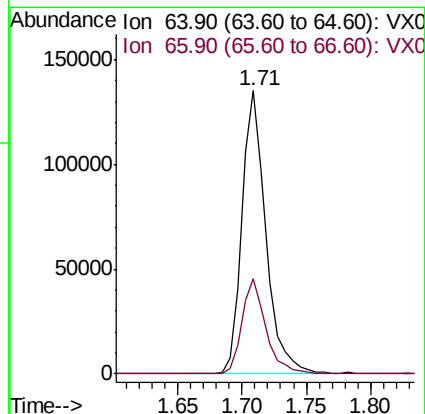
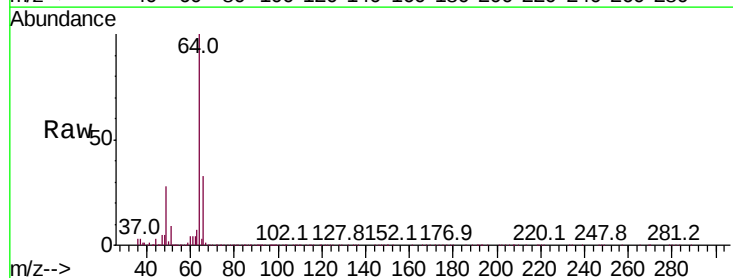
Acq: 26 Aug 2020 09:59

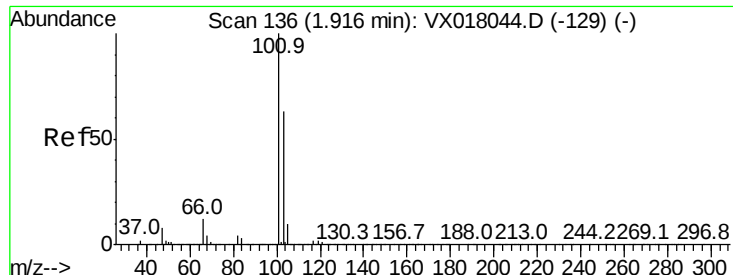
Tgt Ion: 64 Resp: 173574

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8



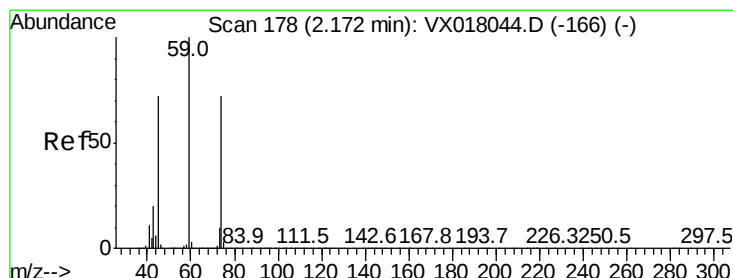
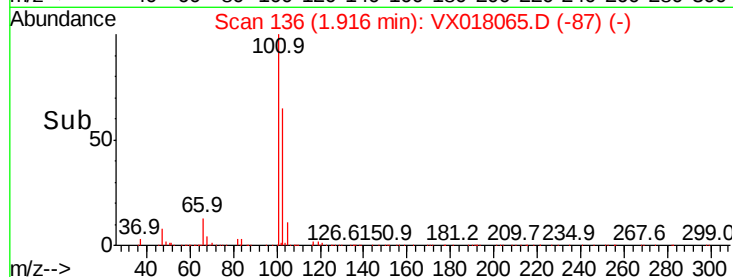
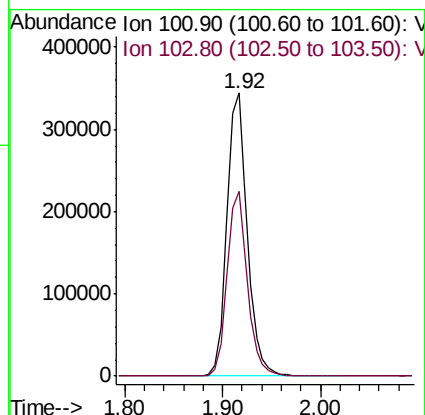
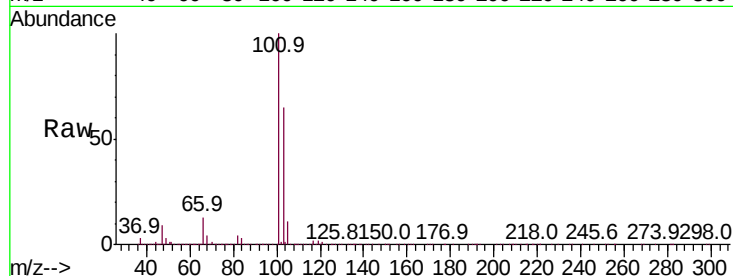


#7

Trichlorofluoromethane
Concen: 52.510 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

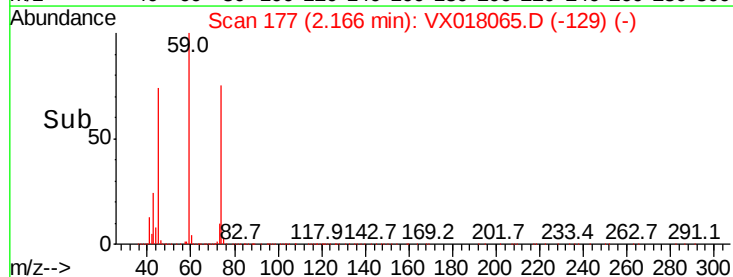
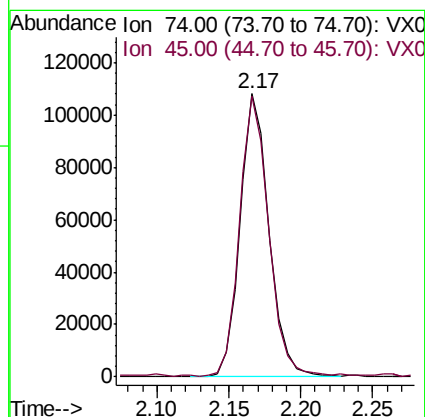
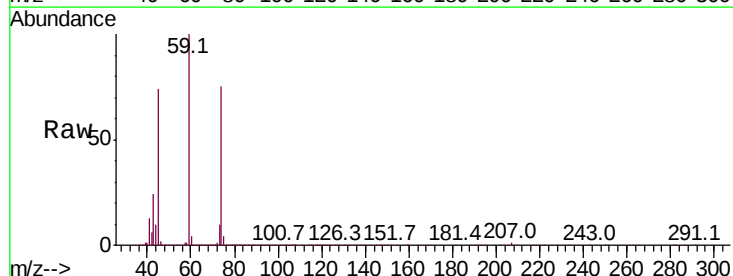
Tot Ion:101 Resp: 496522
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

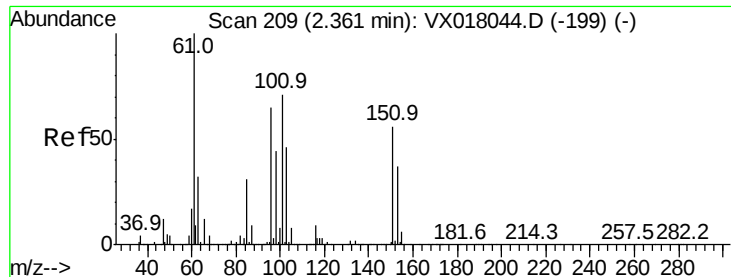


#8

Diethyl Ether
Concen: 46.859 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 74 Resp: 150265
Ion Ratio Lower Upper
74 100
45 99.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.592 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

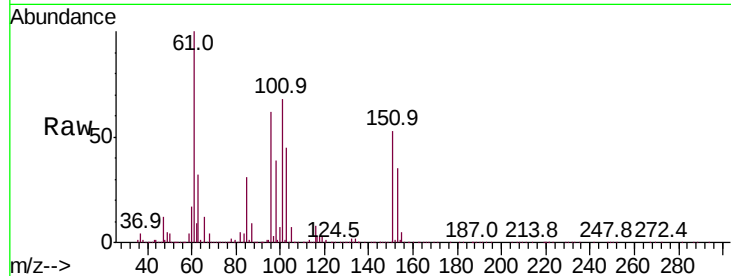
Tot Ion:101 Resp: 243288

Ion Ratio Lower Upper

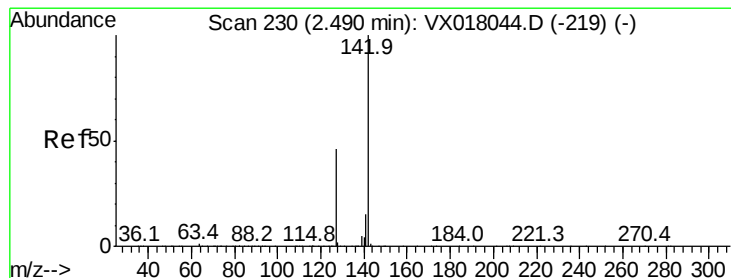
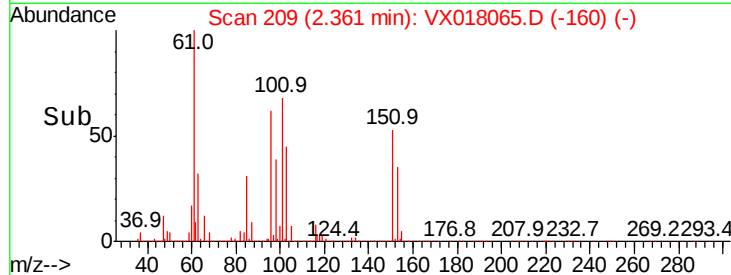
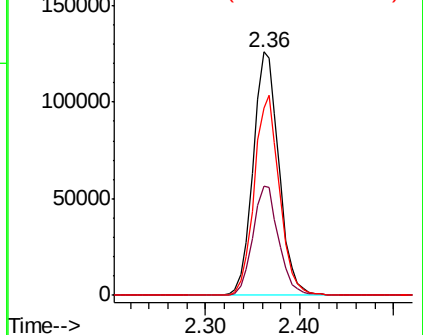
101 100

85 45.0 34.0 51.0

151 80.5 65.2 97.8



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: 50.903 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

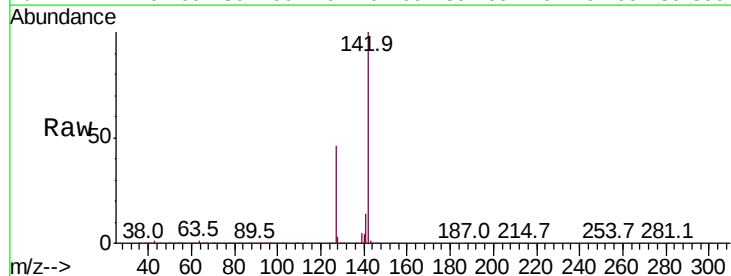
Tgt Ion:142 Resp: 278987

Ion Ratio Lower Upper

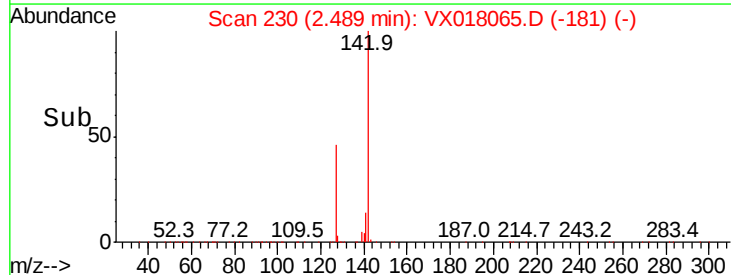
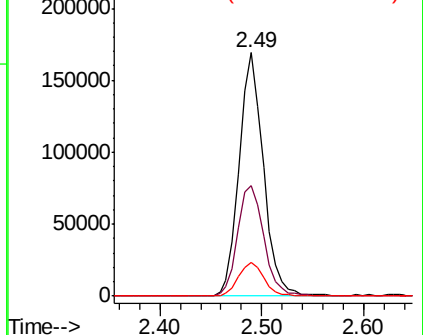
142 100

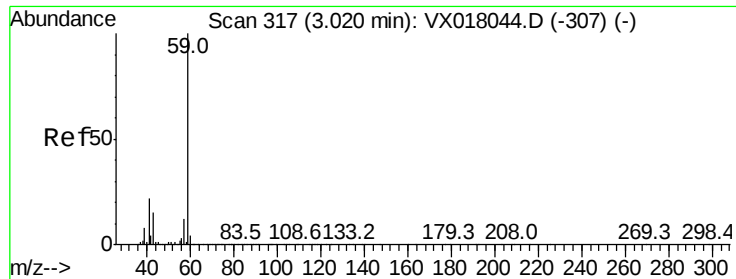
127 49.2 37.0 55.6

141 14.7 11.5 17.3



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

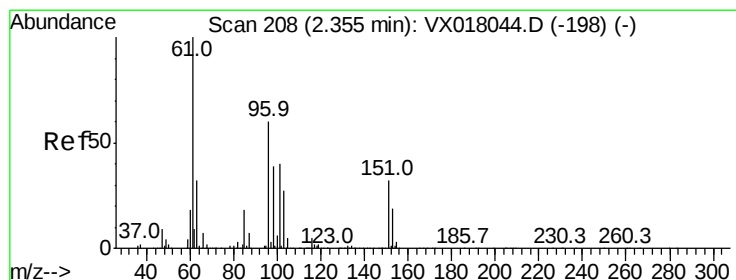
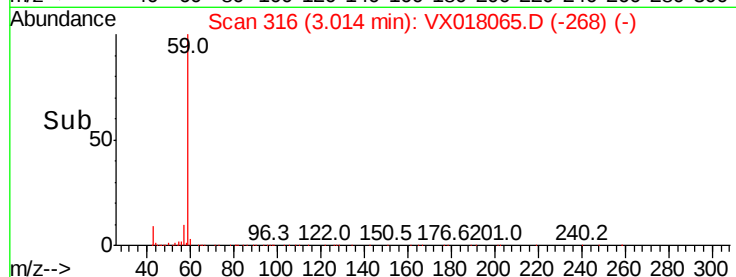
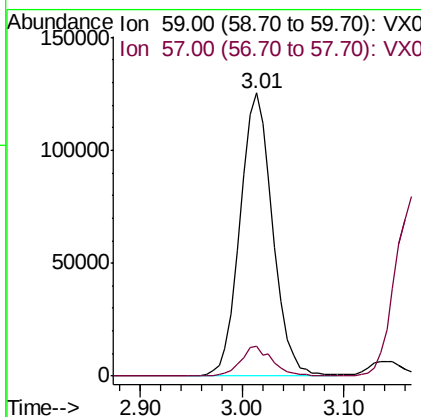
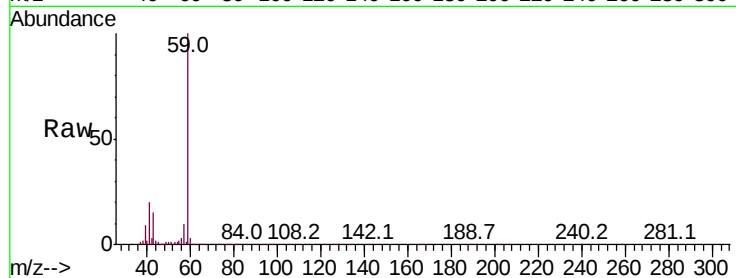




#11
Tert butyl alcohol
Concen: 189.816 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

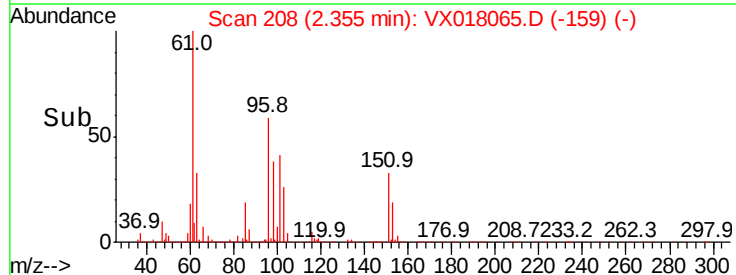
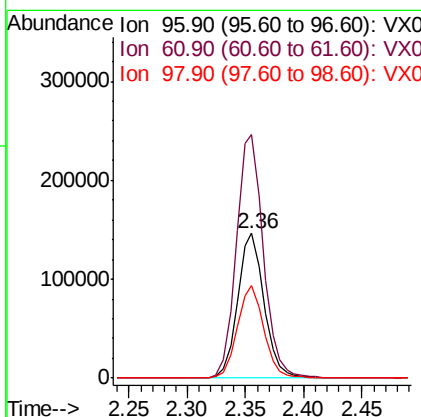
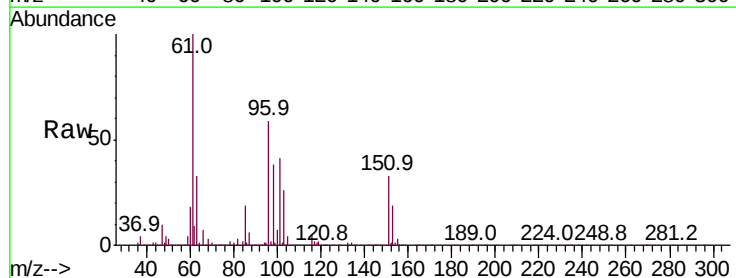
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

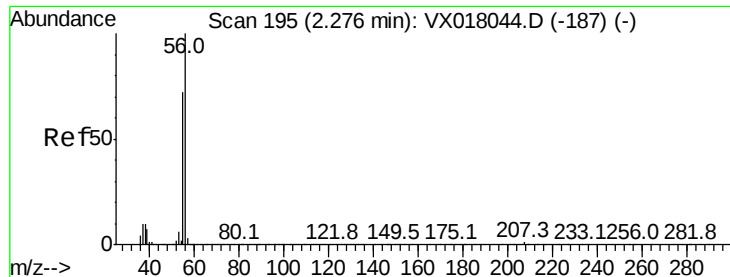
Tot Ion: 59 Resp: 278061
Ion Ratio Lower Upper
59 100
57 10.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 43.477 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 96 Resp: 230583
Ion Ratio Lower Upper
96 100
61 168.4 133.0 199.4
98 64.3 51.6 77.4





#13

Acrolein

Concen: 219.426 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

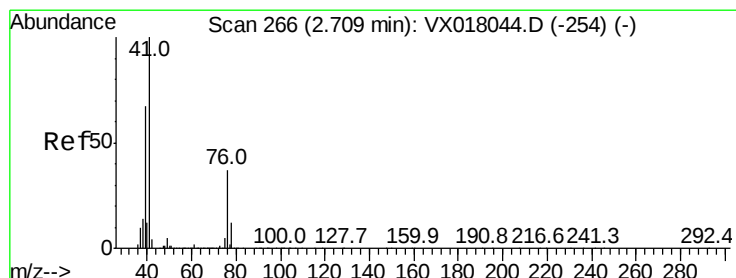
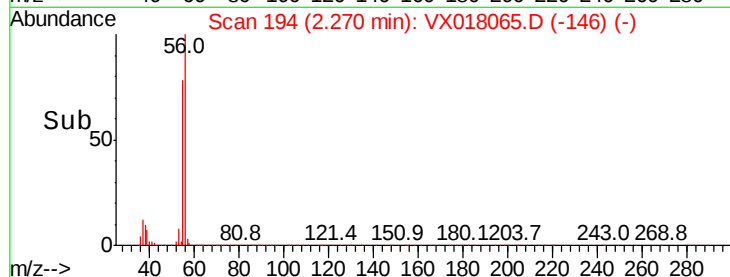
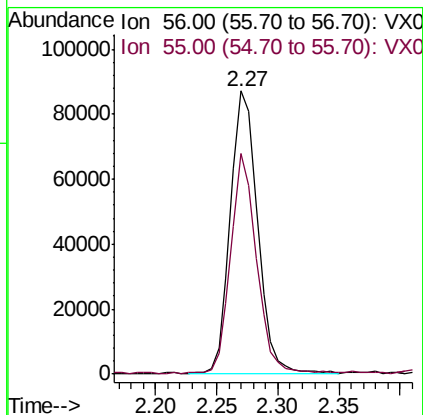
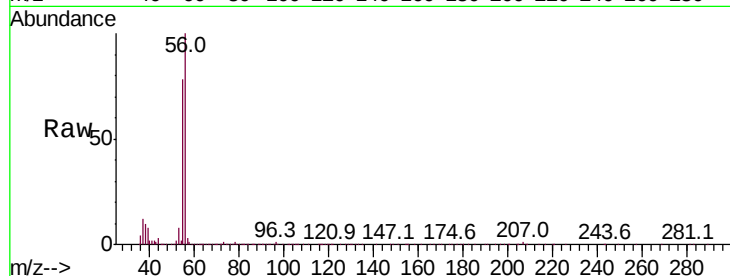
VSTDCCC050

Tot Ion: 56 Resp: 133282

Ion Ratio Lower Upper

56 100

55 73.9 57.0 85.6



#14

Allyl chloride

Concen: 44.040 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

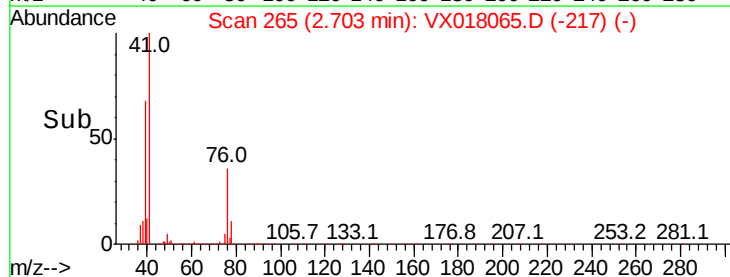
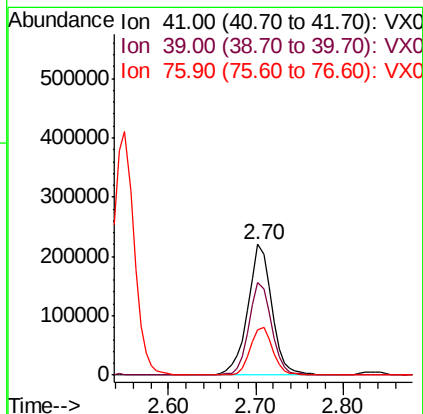
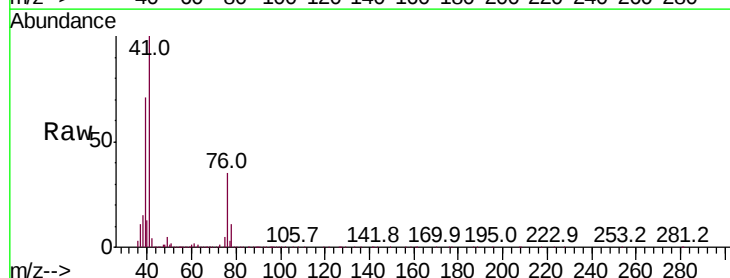
Tgt Ion: 41 Resp: 419632

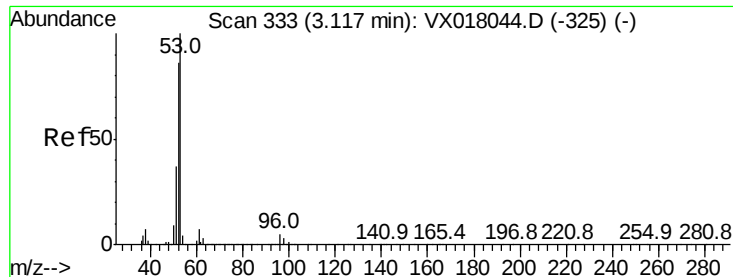
Ion Ratio Lower Upper

41 100

39 66.6 50.6 76.0

76 34.0 26.2 39.2





#15

Acrylonitrile

Concen: 198.035 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

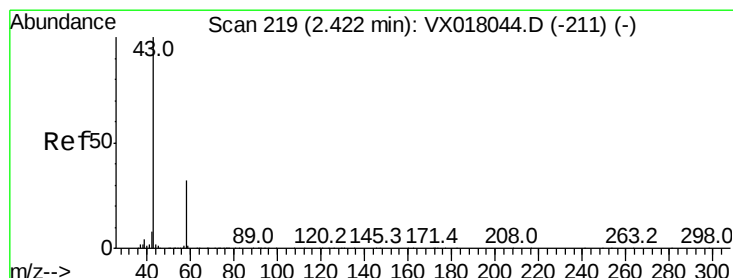
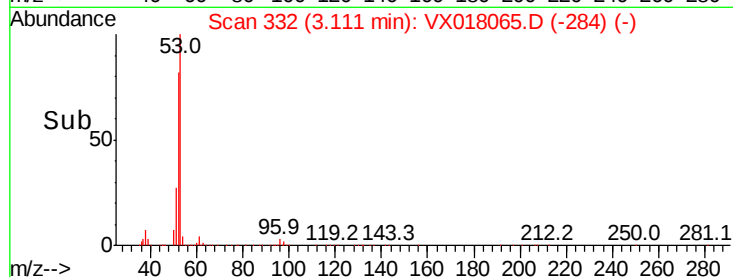
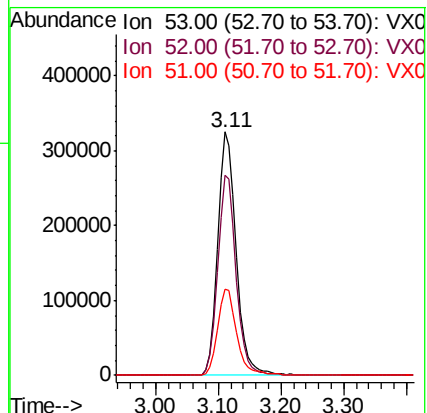
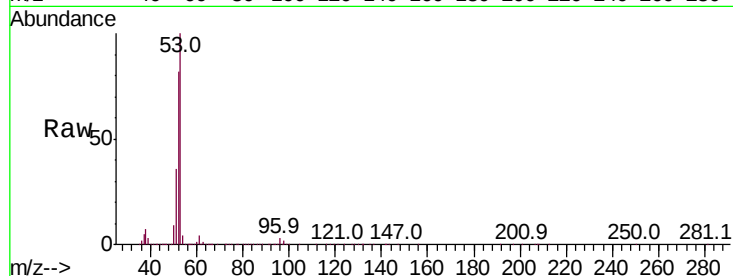
Tot Ion: 53 Resp: 658063

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.9	100.3
51	36.8	28.7	43.1

53 100

52 82.1 66.9 100.3

51 36.8 28.7 43.1



#16

Acetone

Concen: 214.927 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018065.D

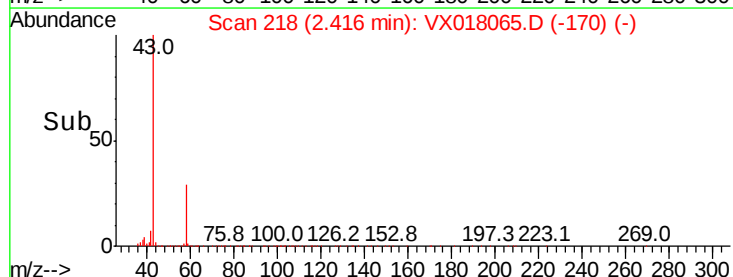
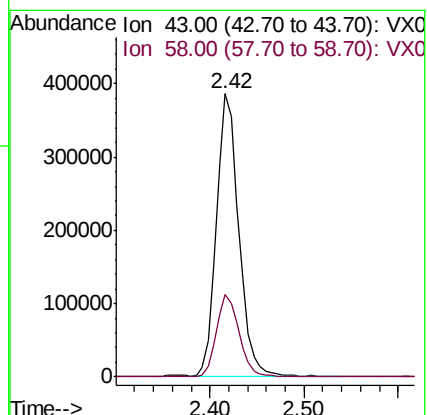
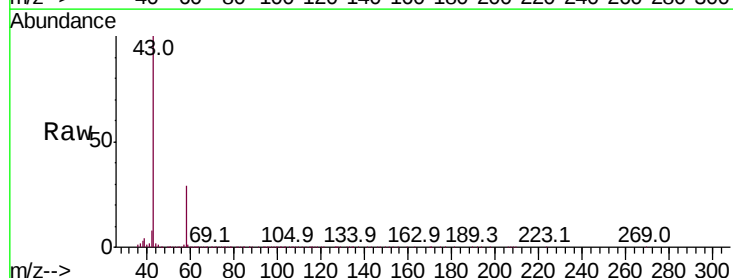
Acq: 26 Aug 2020 09:59

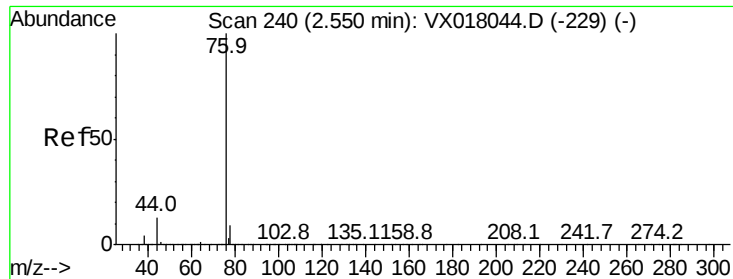
Tgt Ion: 43 Resp: 630969

Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.5	38.3

43 100

58 29.3 25.5 38.3

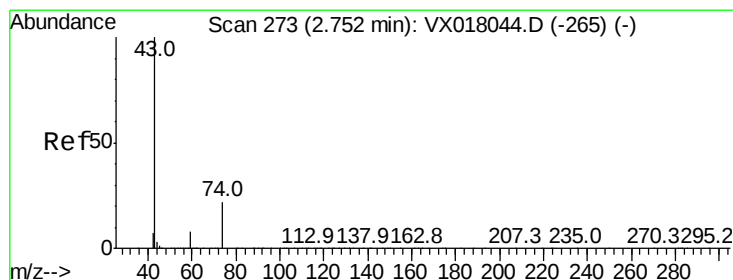
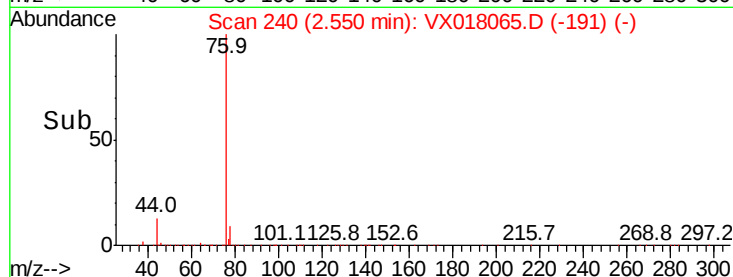
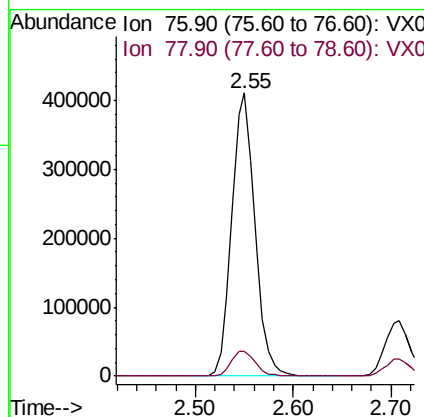
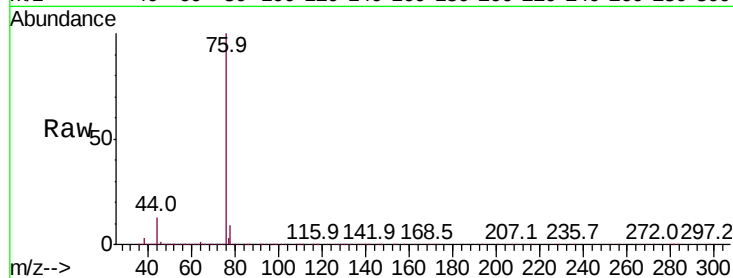




#17
Carbon Disulfide
Concen: 42.066 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

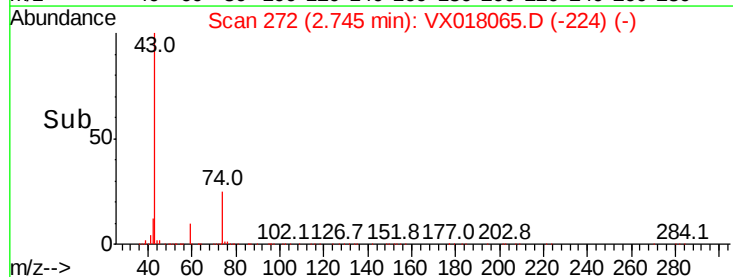
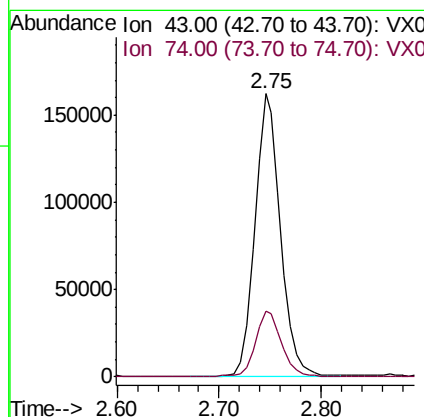
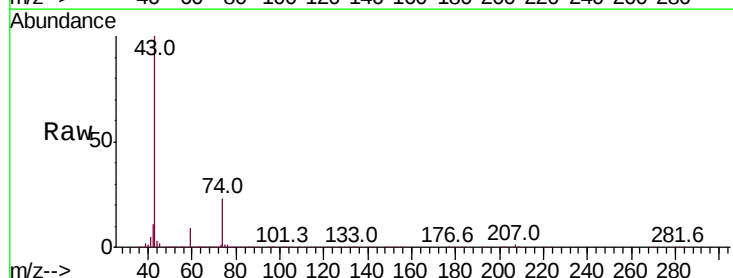
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

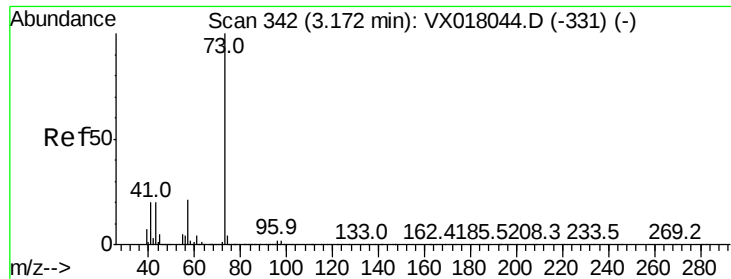
Tot Ion: 76 Resp: 674425
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 39.795 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 43 Resp: 281922
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.4

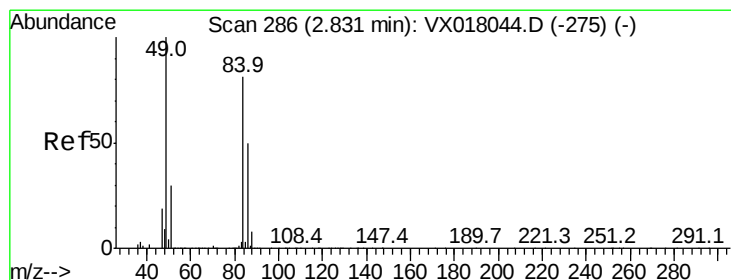
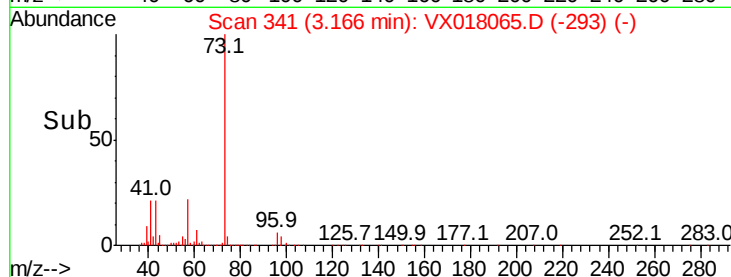
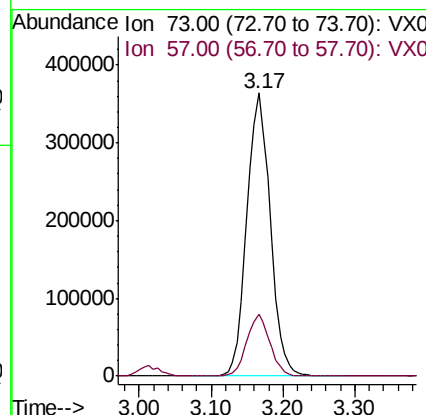
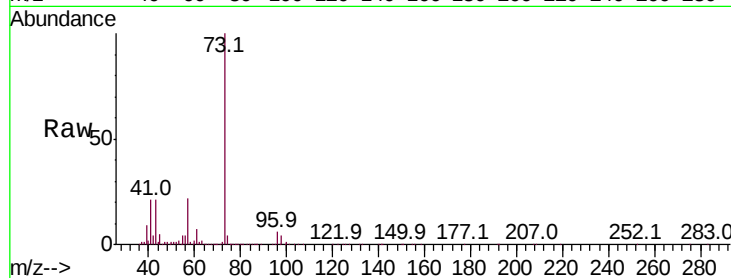




#19
Methvl tert-butvl Ether
Concen: 45.302 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

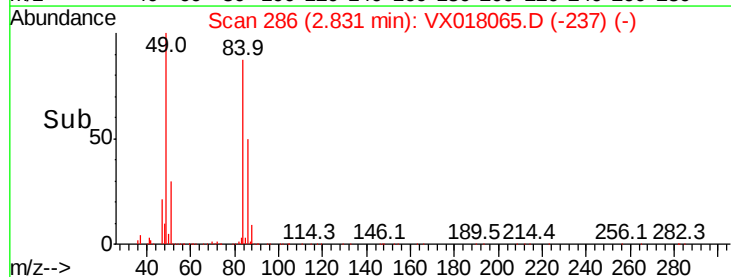
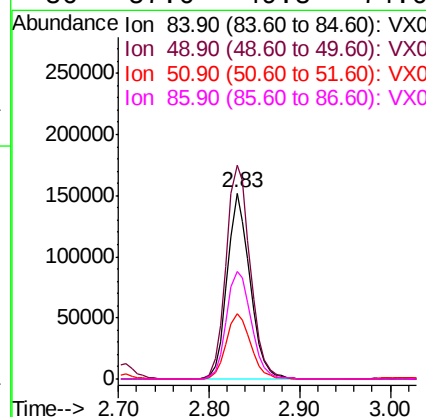
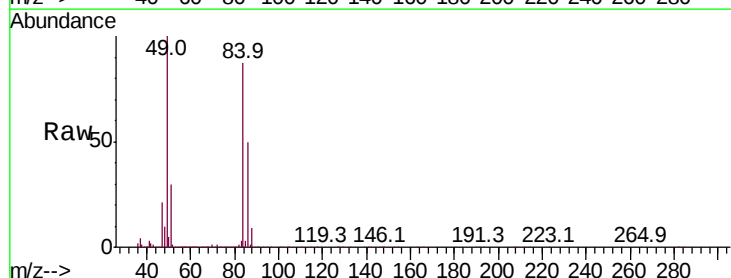
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

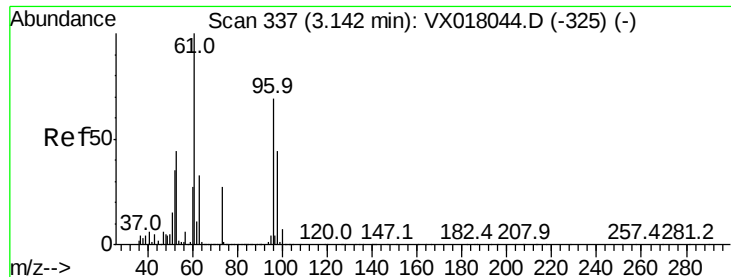
Tot Ion: 73 Resp: 823980
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 44.412 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 84 Resp: 267376
Ion Ratio Lower Upper
84 100
49 114.6 98.6 148.0
51 34.8 29.6 44.4
86 57.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 43.899 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

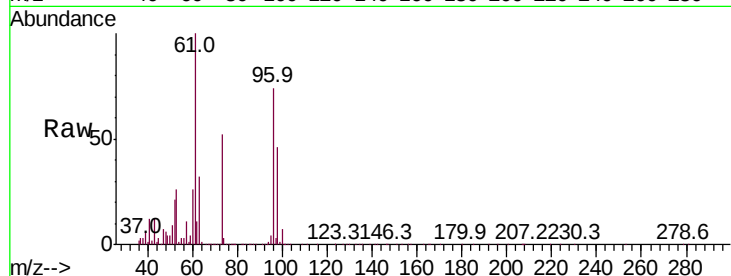
Tot Ion: 96 Resp: 257945

Ion Ratio Lower Upper

96 100

61 134.8 115.4 173.0

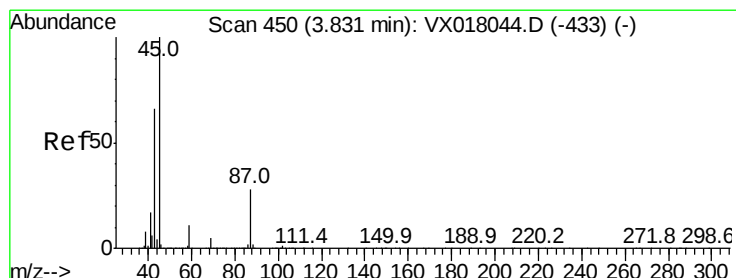
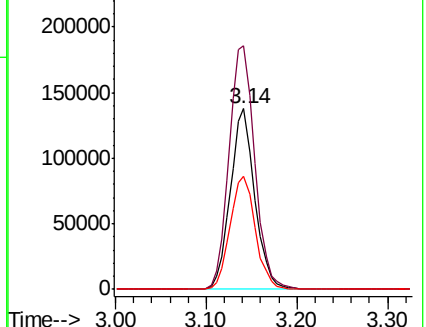
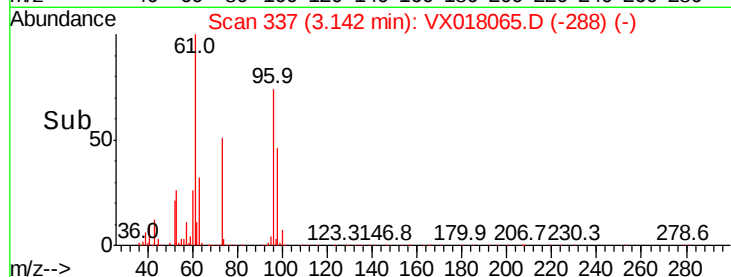
98 62.4 51.1 76.7



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: 43.762 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion: 45 Resp: 822995

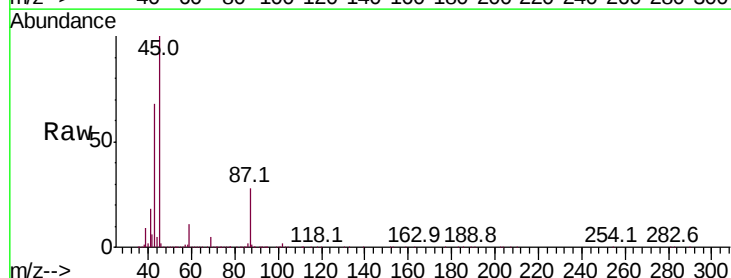
Ion Ratio Lower Upper

45 100

43 68.4 52.8 79.2

87 28.3 22.5 33.7

59 11.0 9.0 13.6

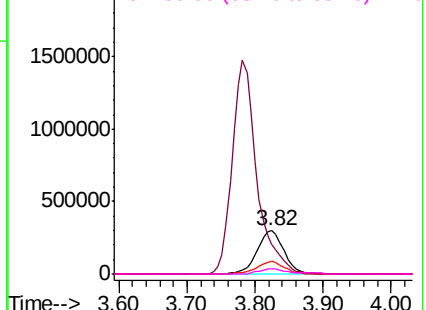
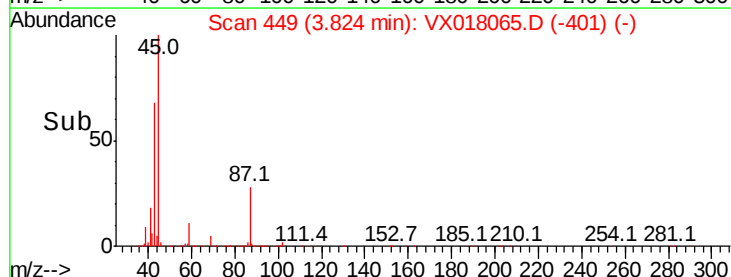


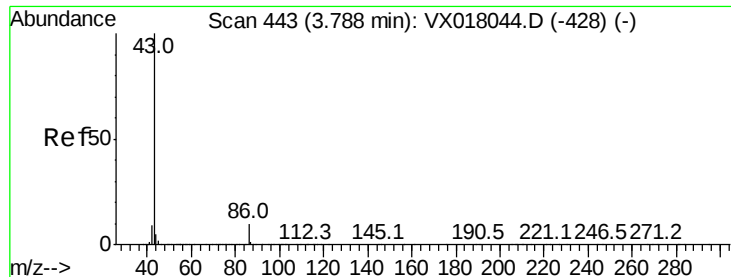
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 221.799 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

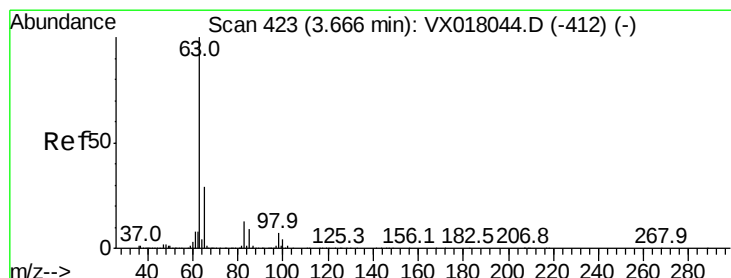
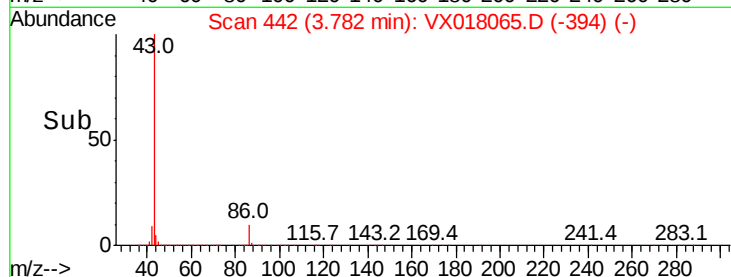
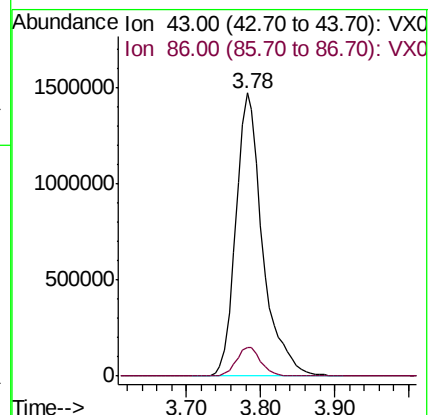
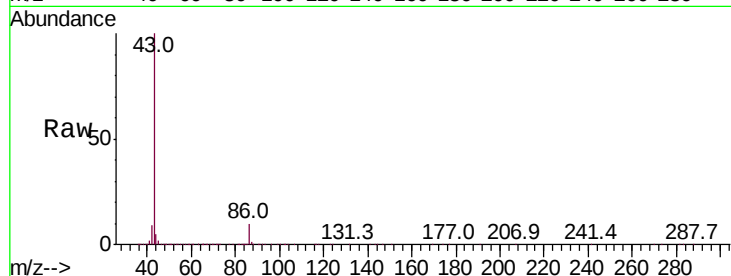
VSTDCCC050

Tot Ion: 43 Resp: 3711609

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 44.304 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

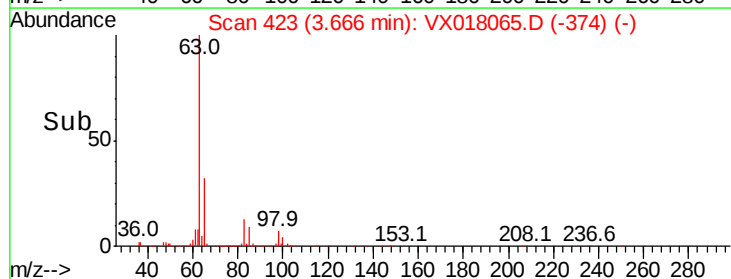
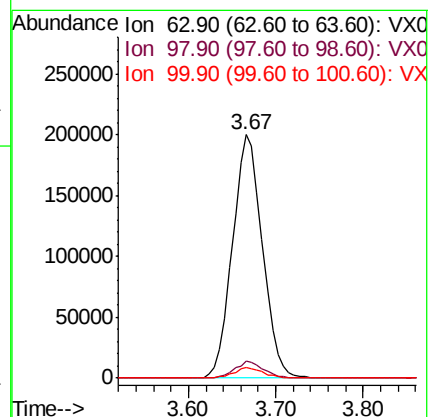
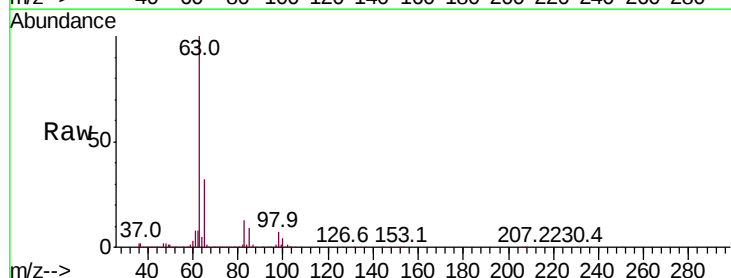
Tgt Ion: 63 Resp: 474293

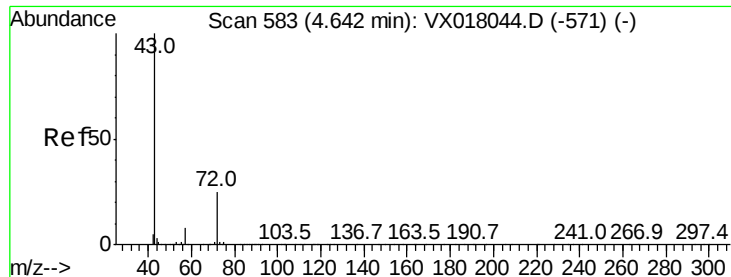
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 197.102 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

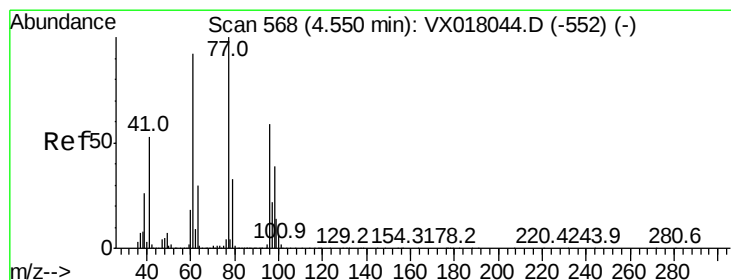
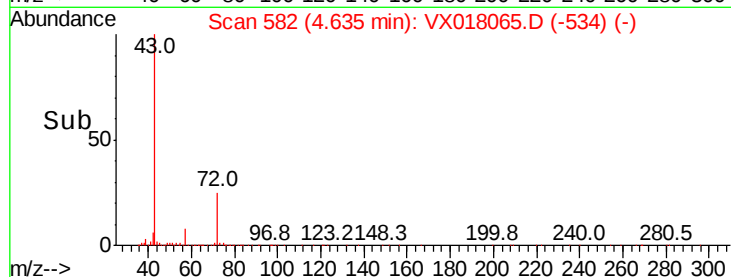
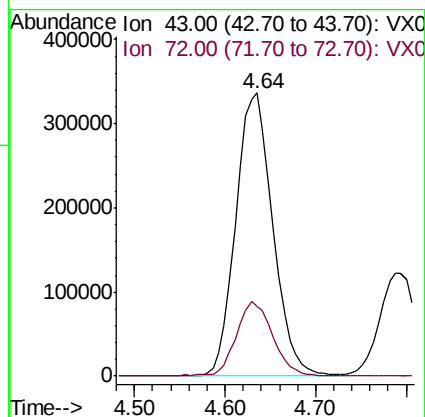
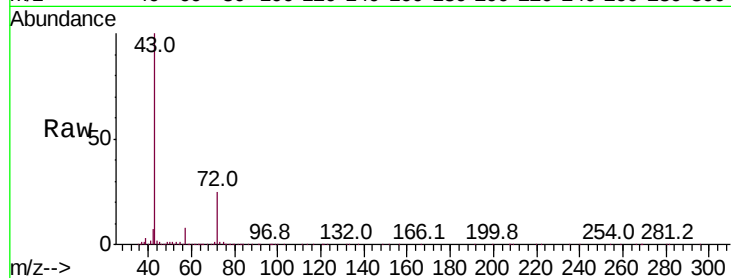
VSTDCCC050

Tot Ion: 43 Resp: 950971

Ion Ratio Lower Upper

43 100

72 24.6 19.8 29.6



#26

2,2-Dichloropropane

Concen: 53.092 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018065.D

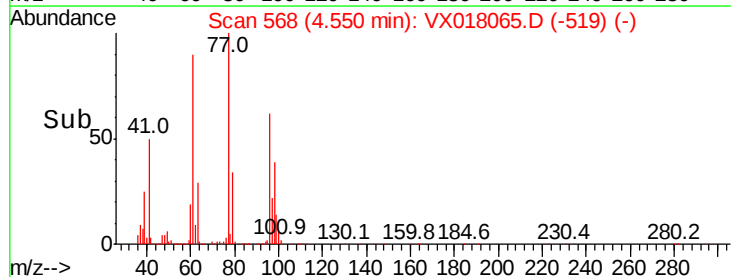
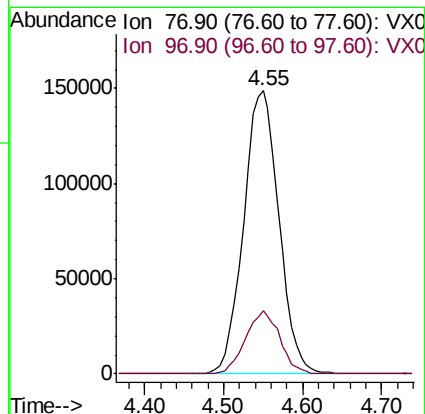
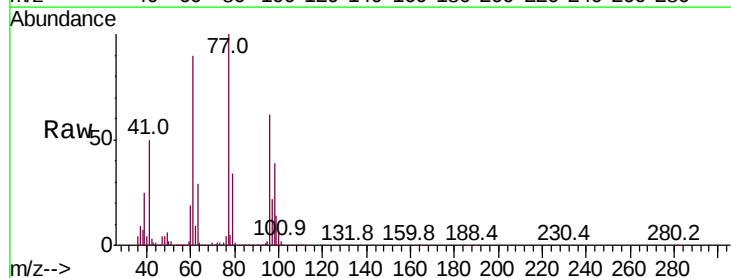
Acq: 26 Aug 2020 09:59

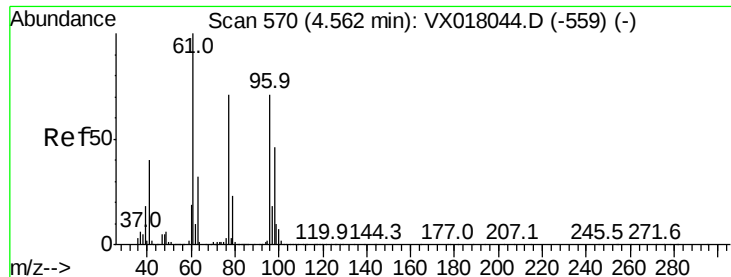
Tgt Ion: 77 Resp: 462449

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5



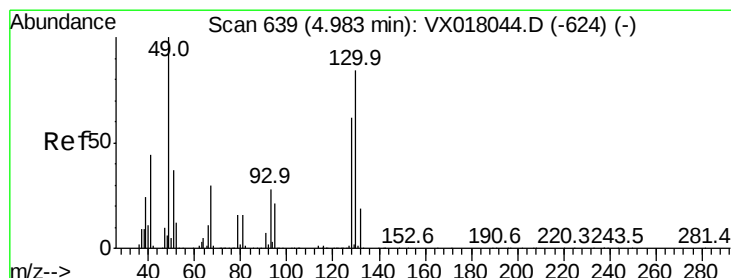
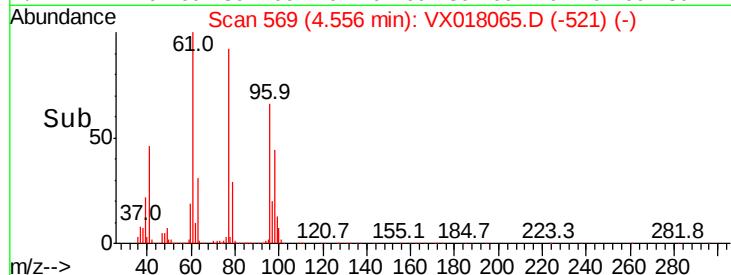
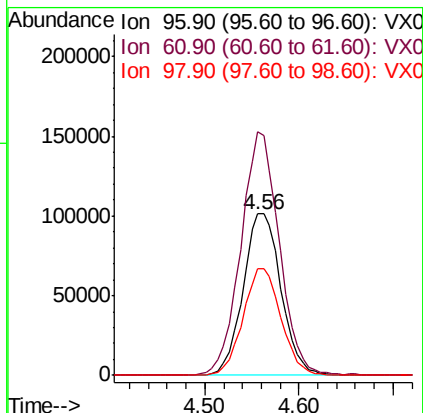
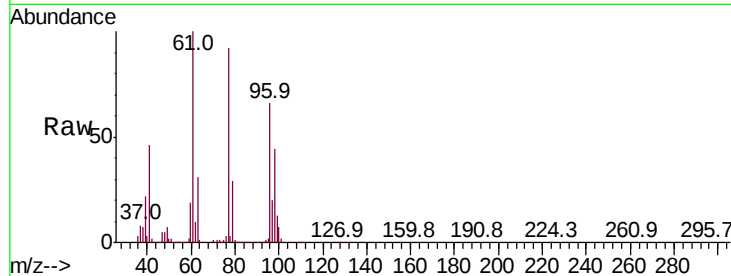


#27

cis-1,2-Dichloroethene
Concen: 42.033 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

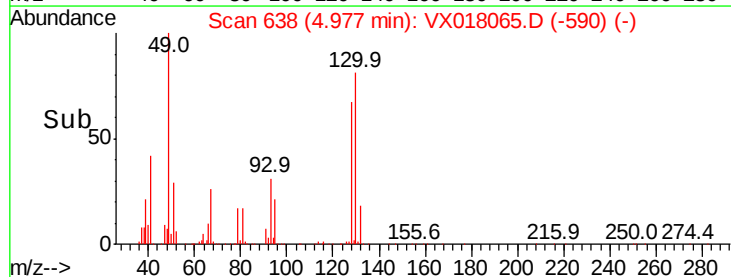
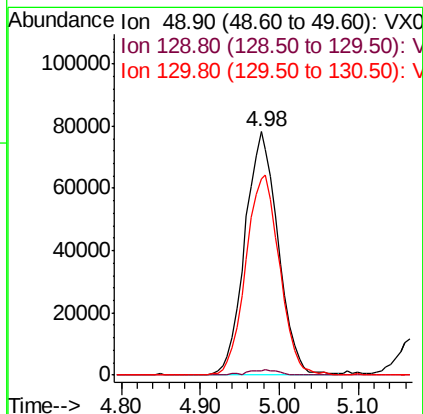
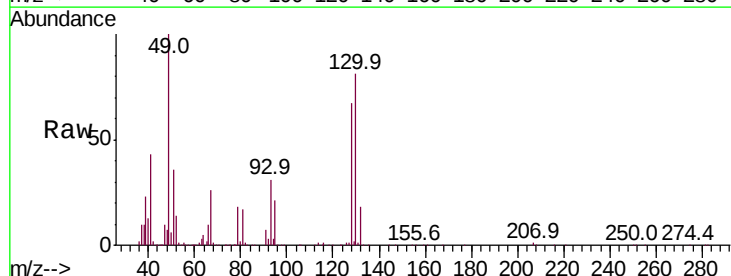
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	296.6
98	66.3	0.0	130.2

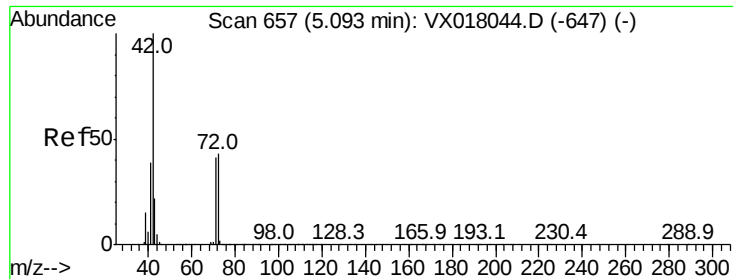


#28

Bromochloromethane
Concen: 44.238 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	83.5	64.6	96.8





#29

Tetrahydrofuran

Concen: 190.460 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

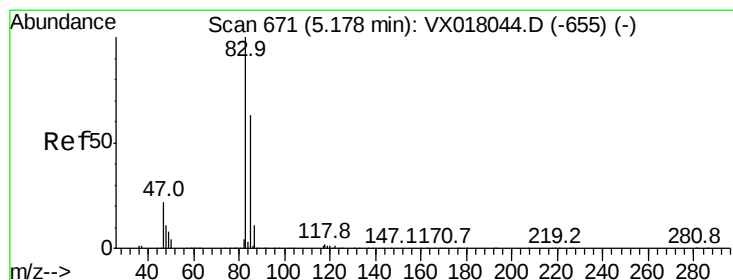
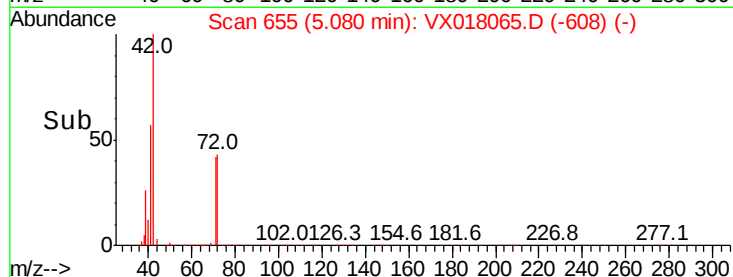
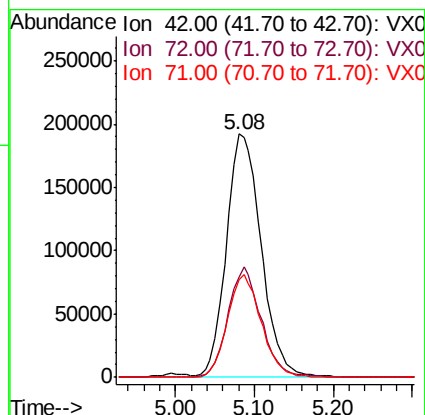
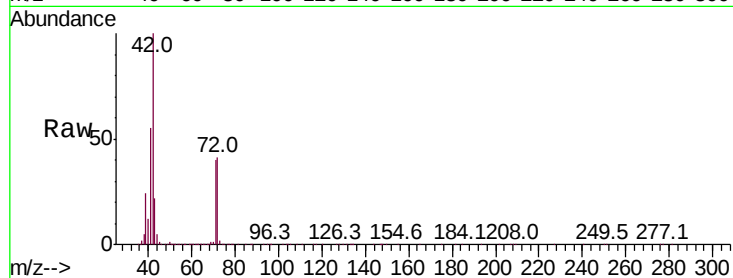
Tot Ion: 42 Resp: 584971

Ion Ratio Lower Upper

42 100

72 44.1 34.2 51.4

71 41.4 32.1 48.1



#30

Chloroform

Concen: 44.852 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018065.D

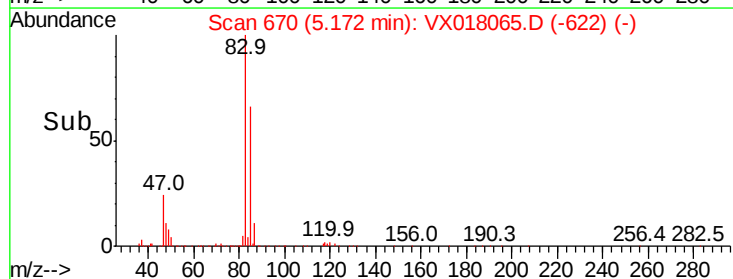
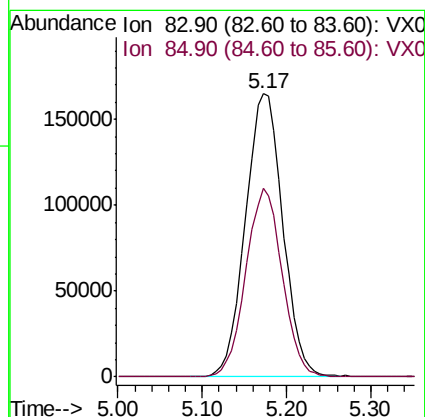
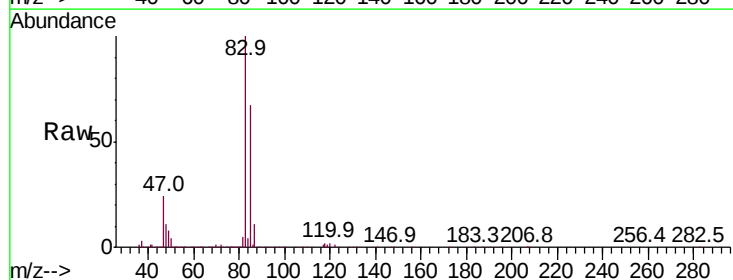
Acq: 26 Aug 2020 09:59

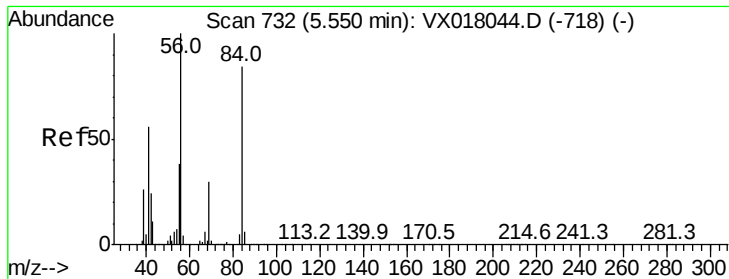
Tgt Ion: 83 Resp: 497185

Ion Ratio Lower Upper

83 100

85 66.7 50.7 76.1

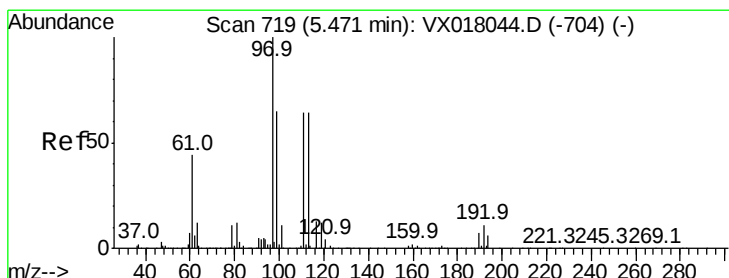
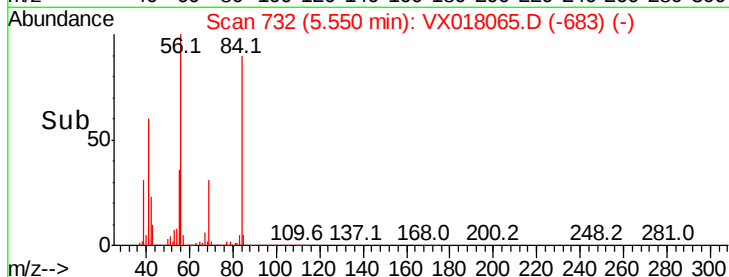
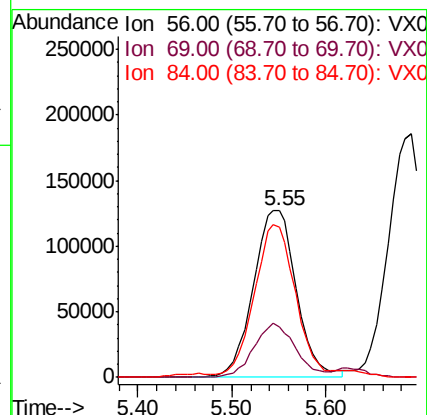
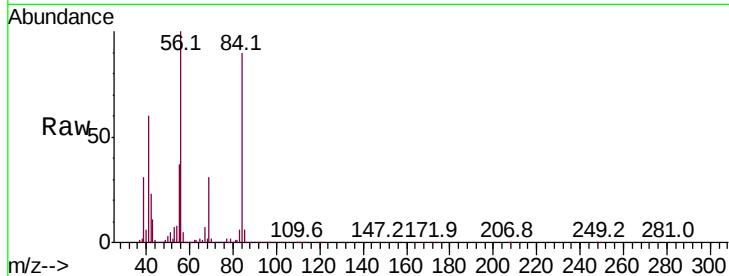




#31
Cyclohexane
Concen: 44.754 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

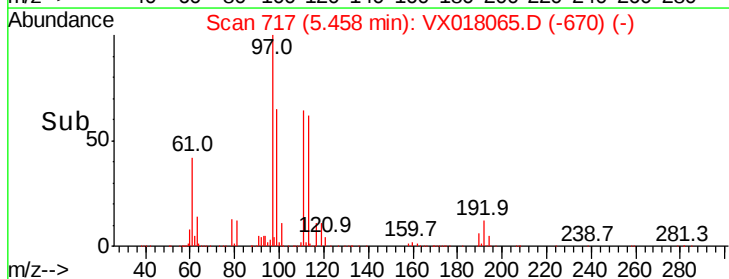
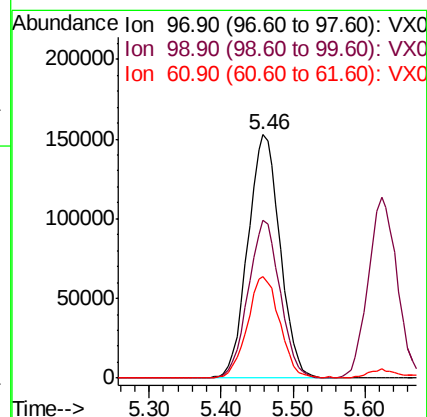
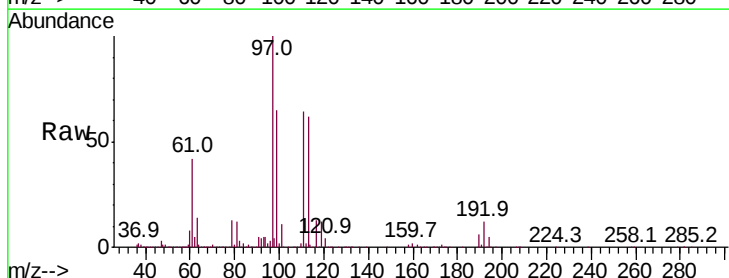
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

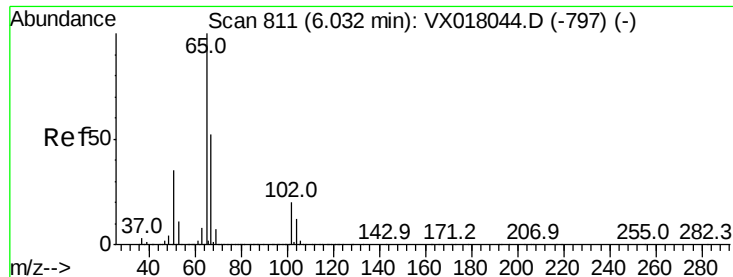
Tot Ion: 56 Resp: 403584
Ion Ratio Lower Upper
56 100
69 30.5 23.9 35.9
84 88.2 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 46.499 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 97 Resp: 473016
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 41.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.712 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

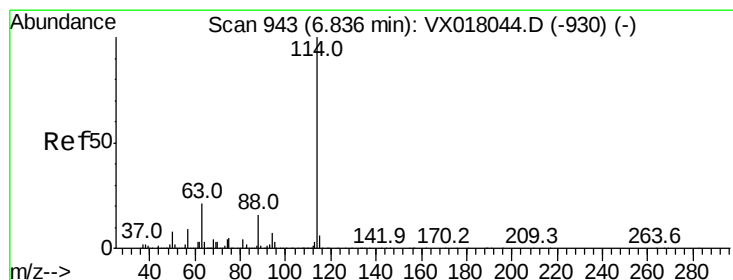
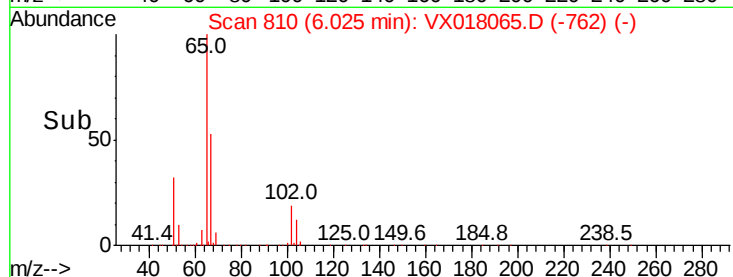
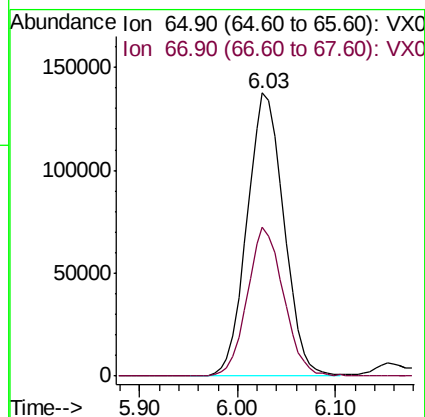
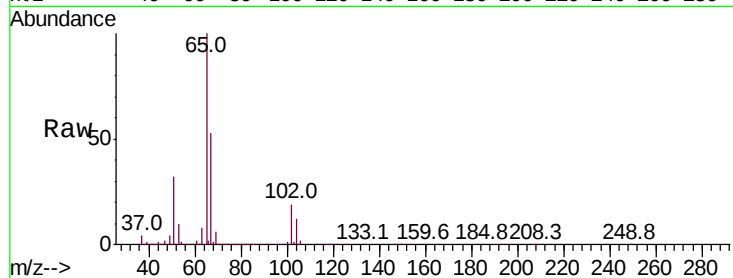
VSTDCCC050

Tot Ion: 65 Resp: 359468

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

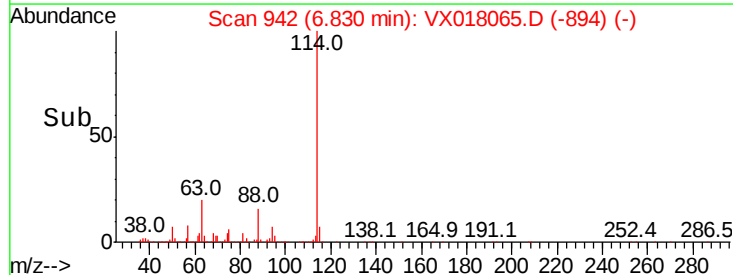
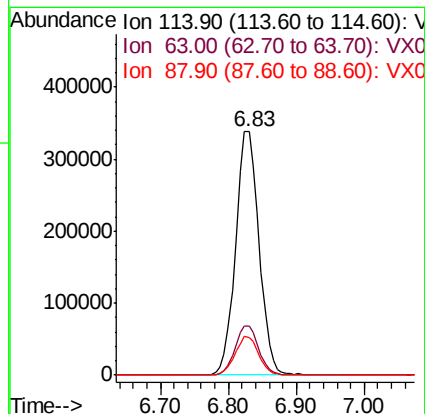
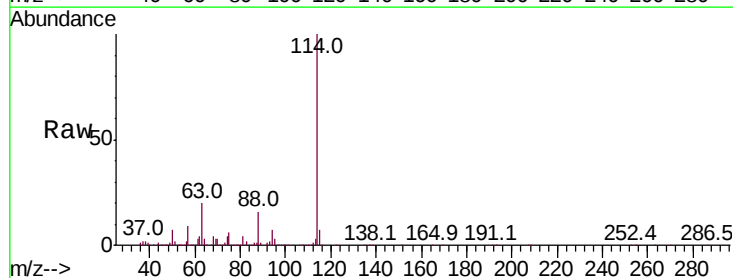
Tgt Ion: 114 Resp: 809402

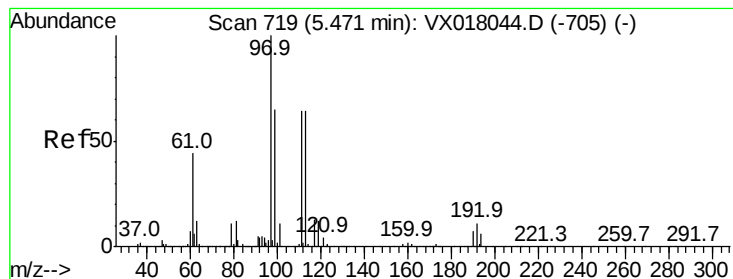
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.6

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.450 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

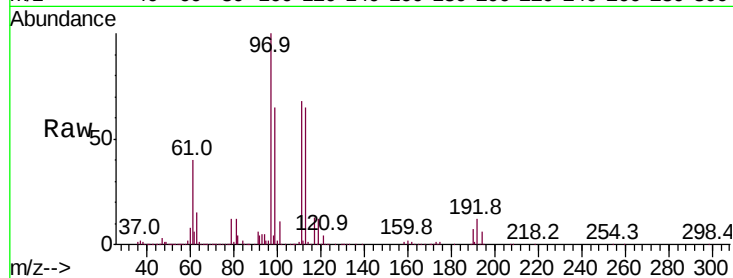
Tot Ion:113 Resp: 283615

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

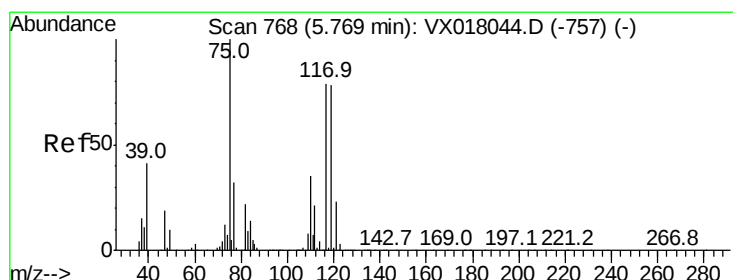
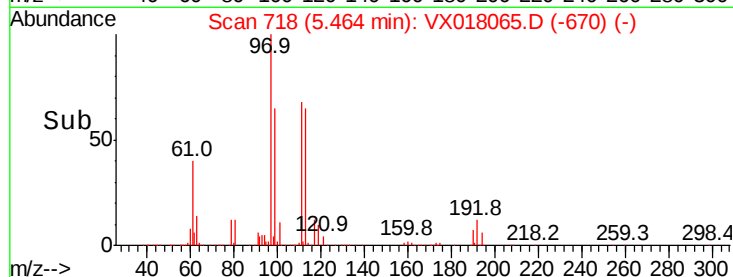
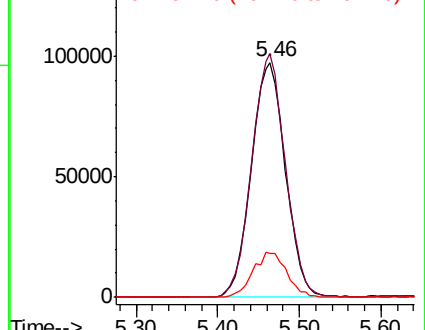
192 19.3 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.447 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

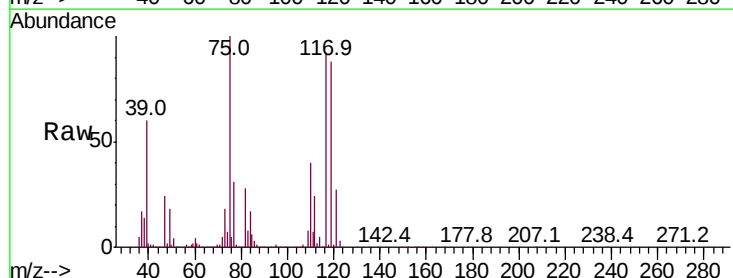
Tgt Ion: 75 Resp: 369143

Ion Ratio Lower Upper

75 100

110 36.4 18.0 54.0

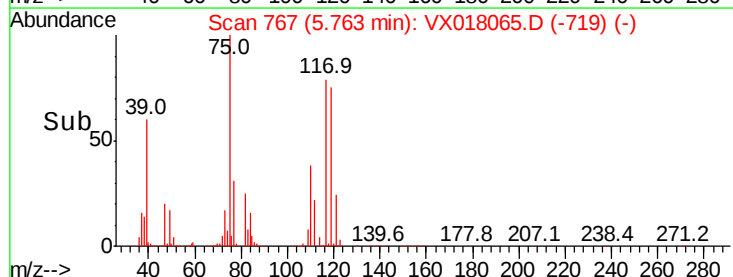
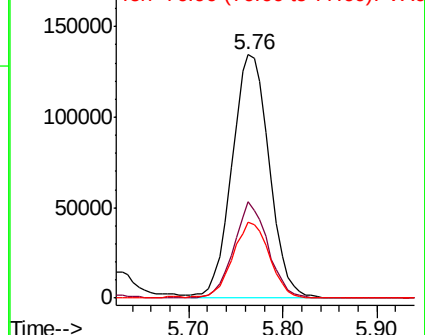
77 31.0 24.4 36.6

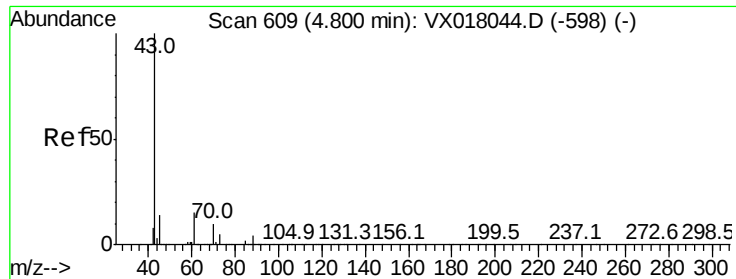


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

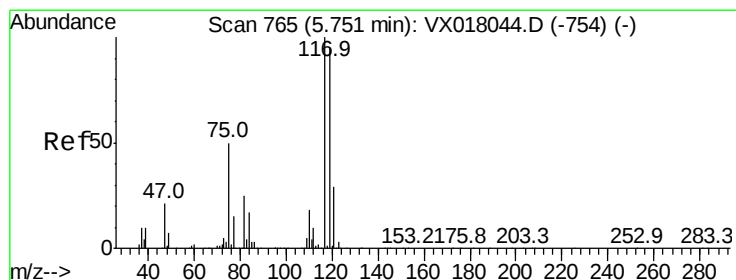
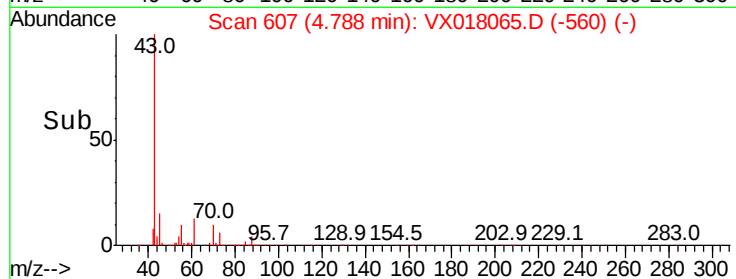
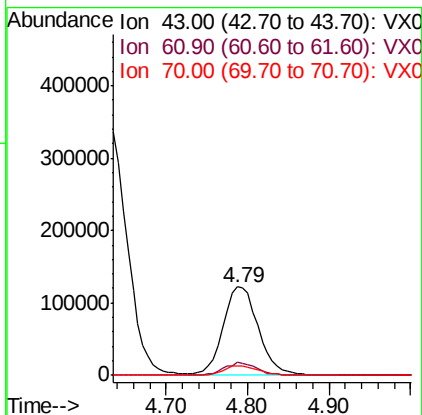
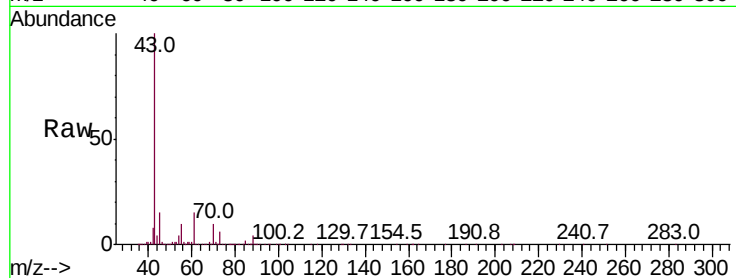




#37
Ethyl Acetate
Concen: 41.623 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

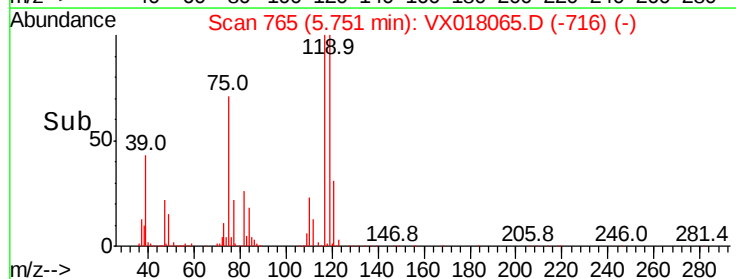
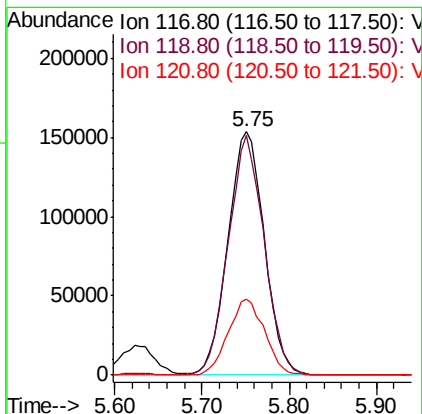
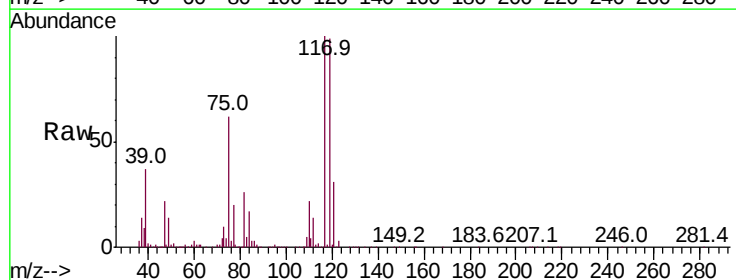
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

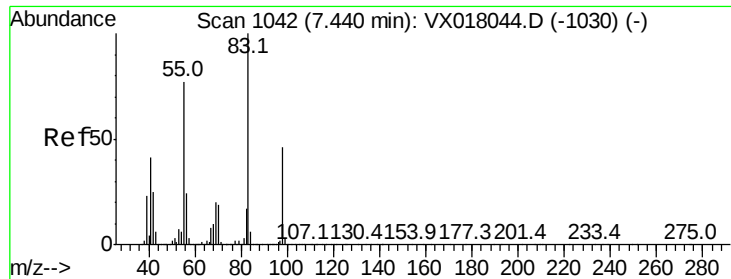
Tot Ion: 43 Resp: 360904
Ion Ratio Lower Upper
43 100
61 13.5 11.3 16.9
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 52.714 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 117 Resp: 443497
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.6
121 31.1 23.4 35.0

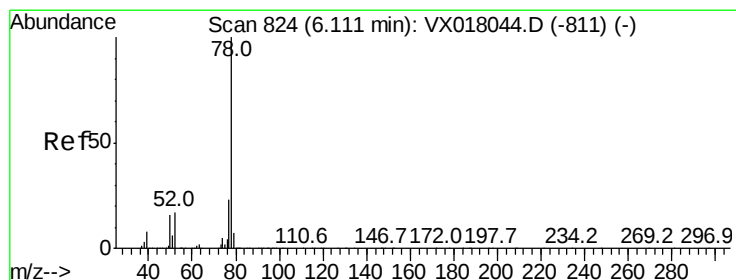
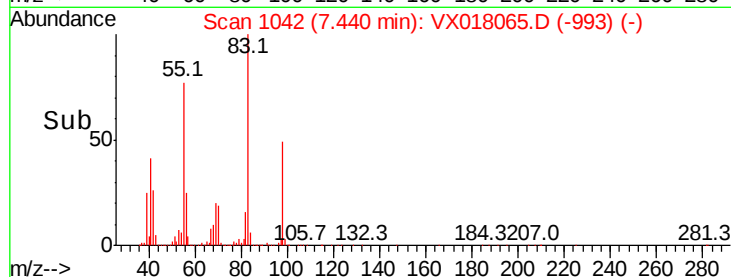
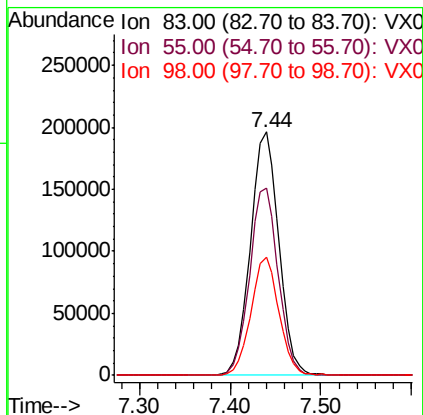
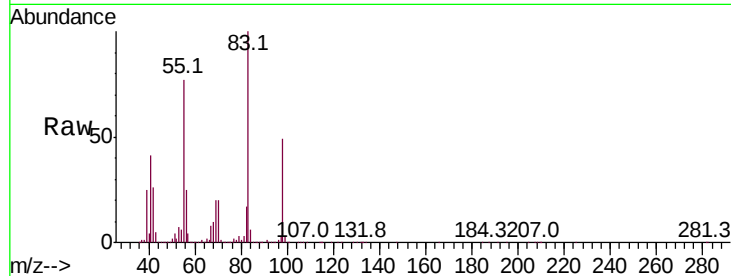




#39
Methvlcvclohexane
Concen: 52.080 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

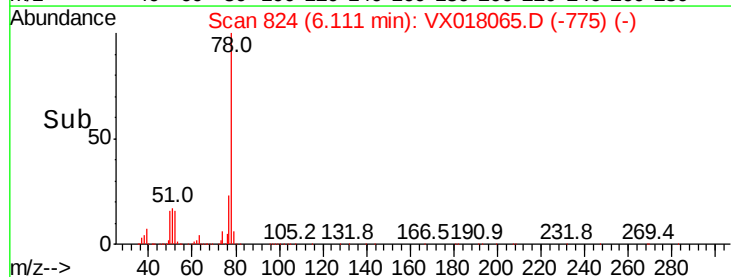
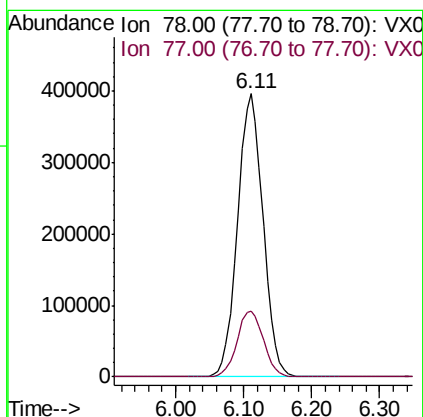
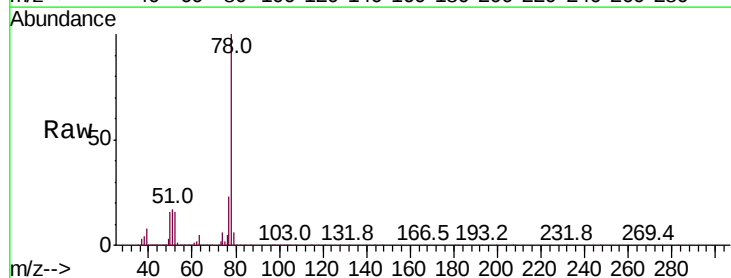
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

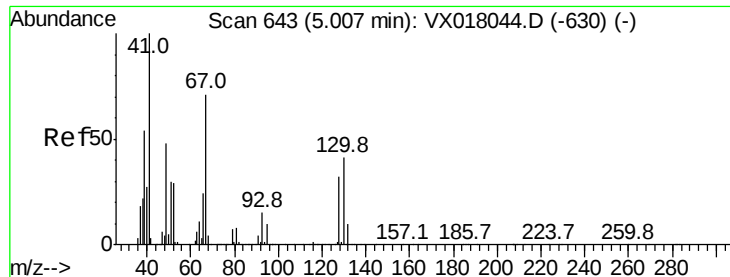
Tot Ion: 83 Resp: 425148
Ion Ratio Lower Upper
83 100
55 76.9 61.8 92.6
98 48.5 36.6 55.0



#40
Benzene
Concen: 46.832 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 78 Resp: 1027331
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2

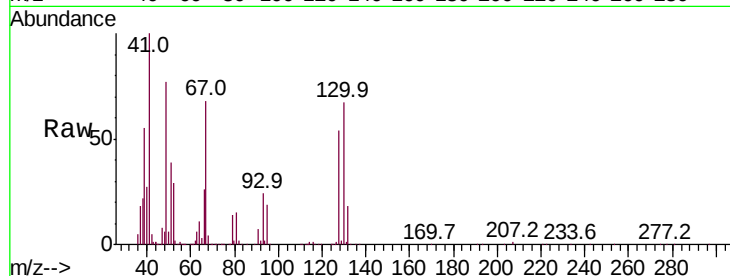




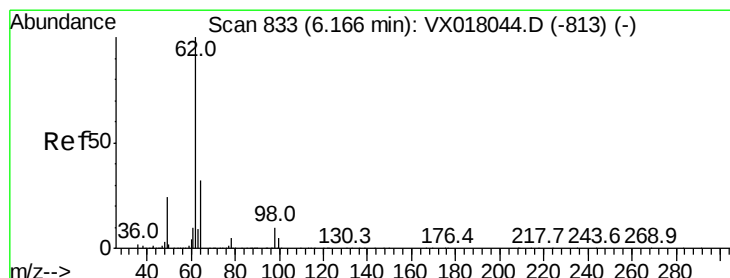
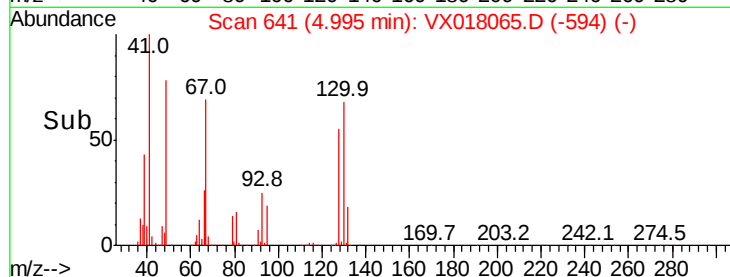
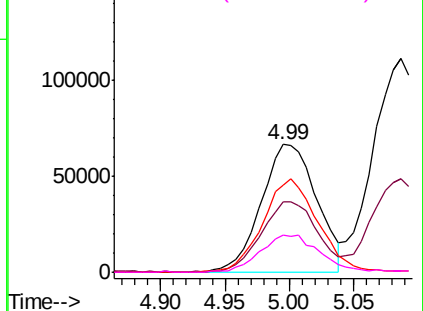
#41
Methacrylonitrile
Concen: 41.593 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	198019
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.1	64.7
67	72.9	56.0	84.0
52	31.4	22.7	34.1

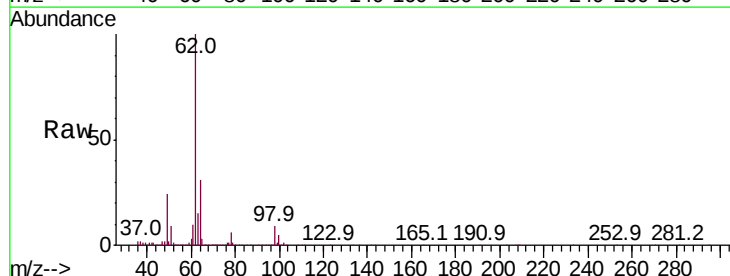


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

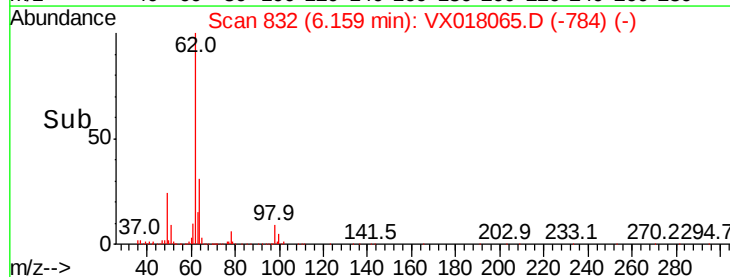
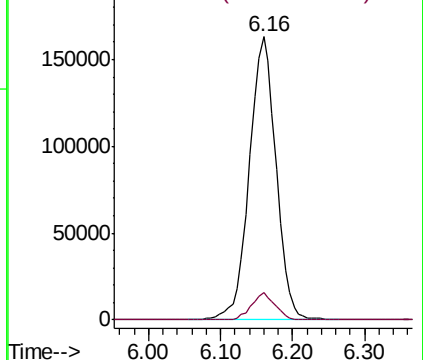


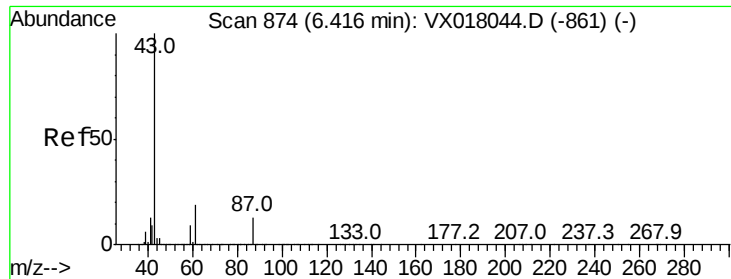
#42
1,2-Dichloroethane
Concen: 50.127 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion:	62	Resp:	421303
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 43.505 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

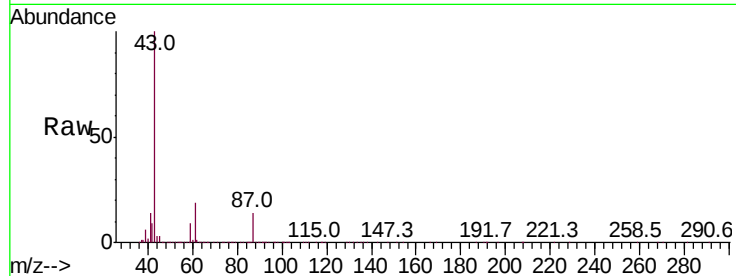
Tot Ion: 43 Resp: 609274

Ion Ratio Lower Upper

43 100

61 19.5 15.7 23.5

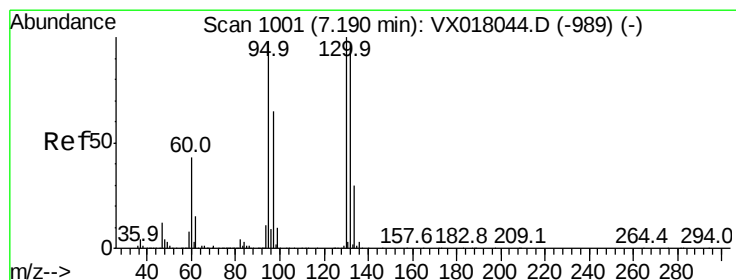
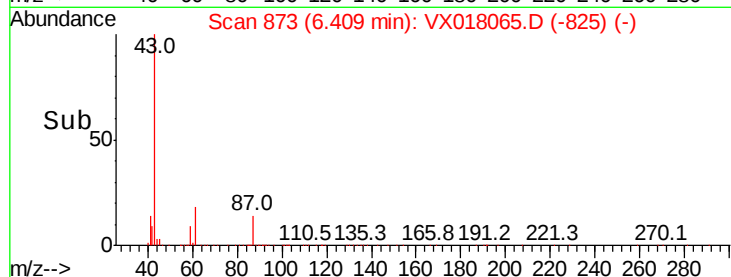
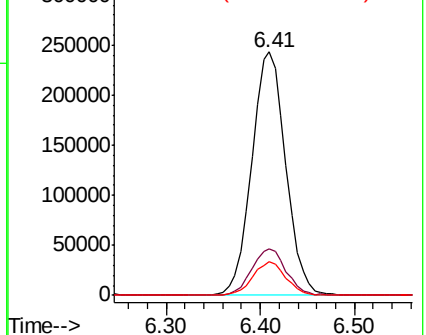
87 13.6 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.894 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018065.D

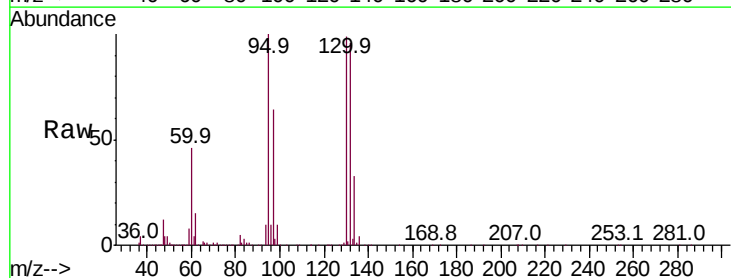
Acq: 26 Aug 2020 09:59

Tgt Ion:130 Resp: 303063

Ion Ratio Lower Upper

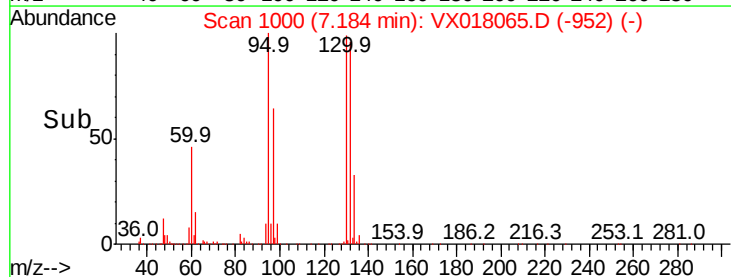
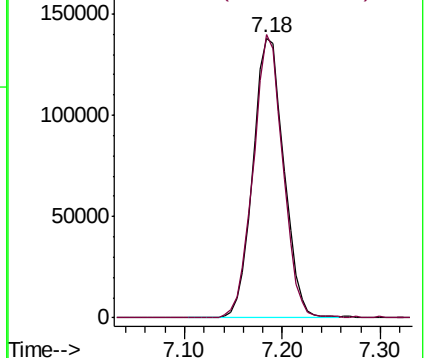
130 100

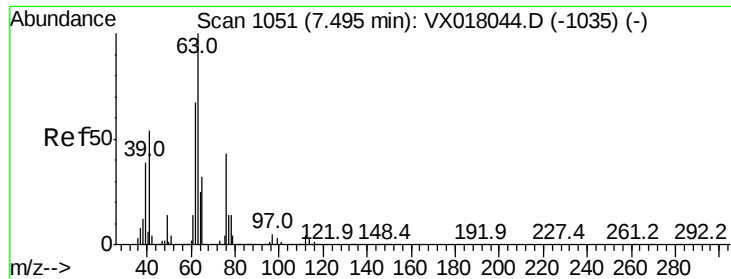
95 101.1 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.051 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

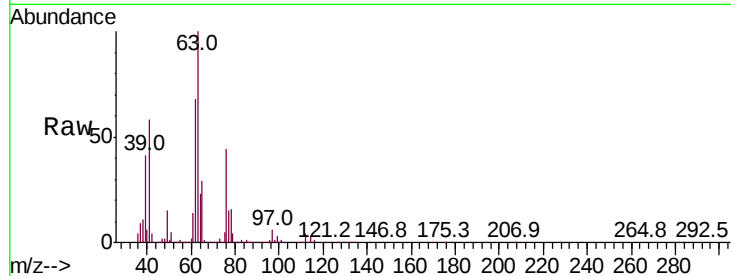
VSTDCCC050

Tot Ion: 63 Resp: 278179

Ion Ratio Lower Upper

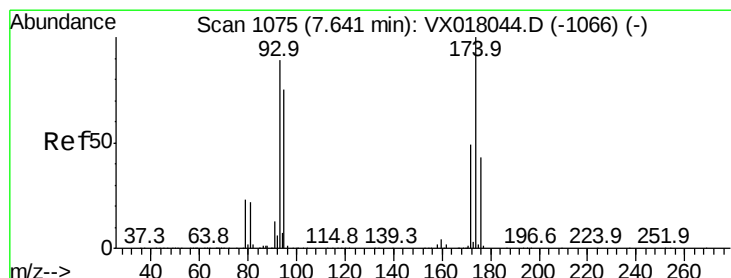
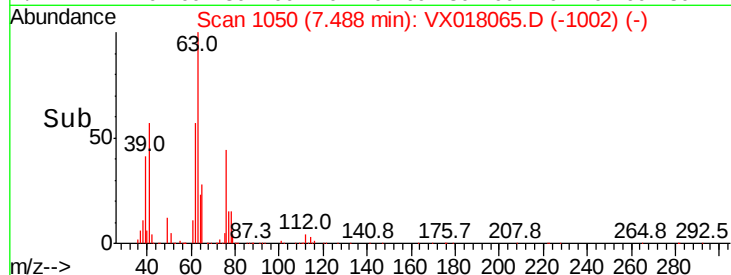
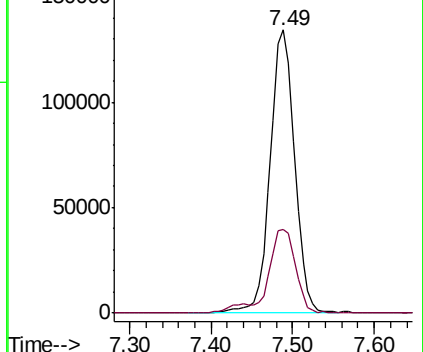
63 100

65 29.3 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.163 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

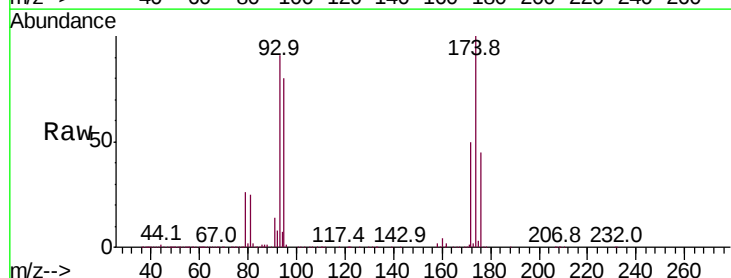
Tgt Ion: 93 Resp: 191929

Ion Ratio Lower Upper

93 100

95 84.3 67.3 100.9

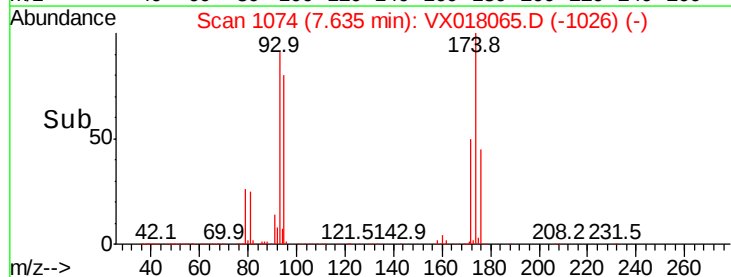
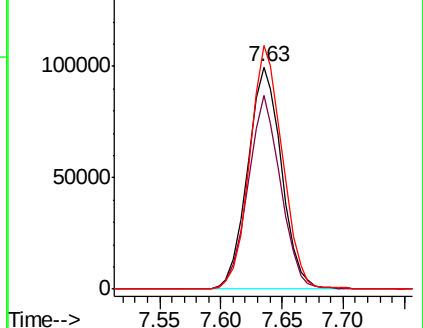
174 106.3 82.2 123.2

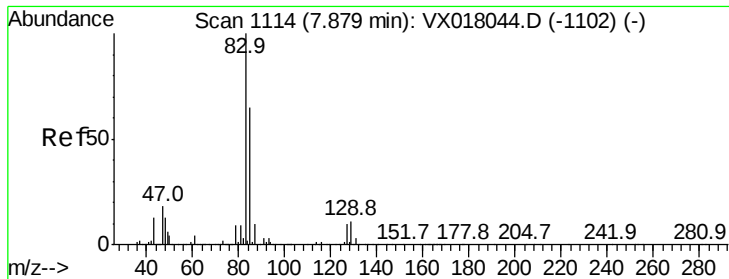


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.616 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

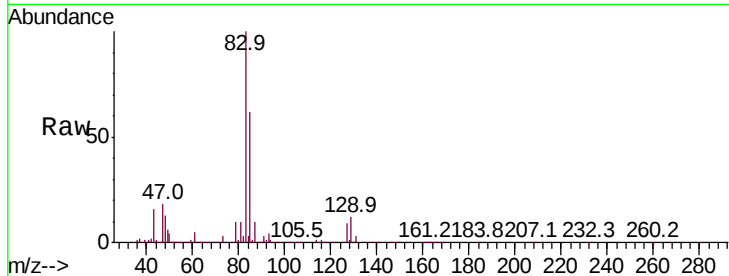
Tot Ion: 83 Resp: 411886

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.6

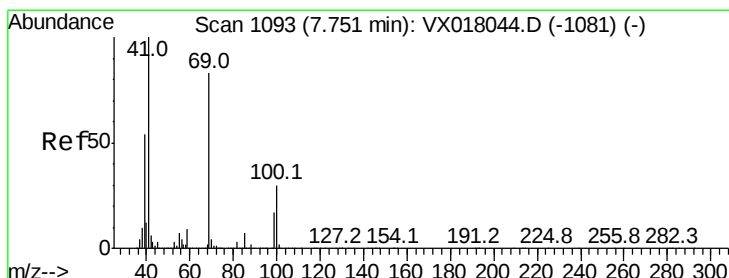
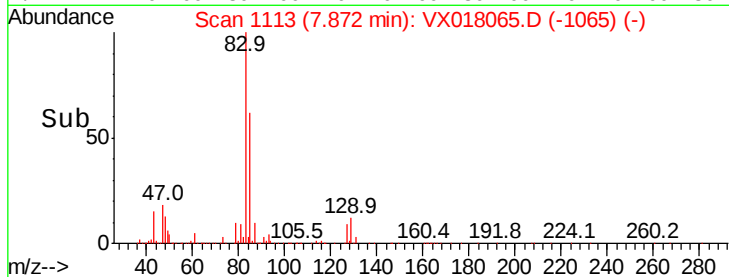
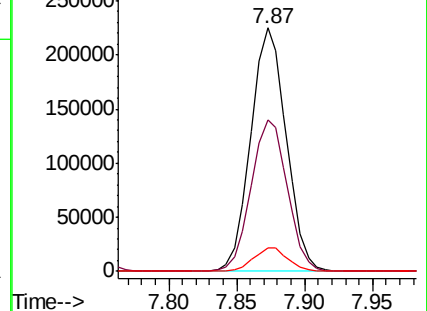
127 9.4 7.7 11.5



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: 43.634 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

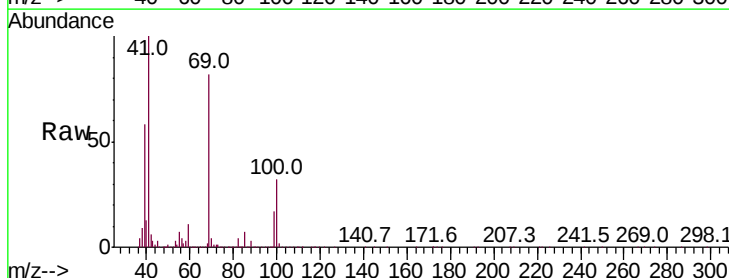
Tgt Ion: 41 Resp: 304205

Ion Ratio Lower Upper

41 100

69 82.0 65.5 98.3

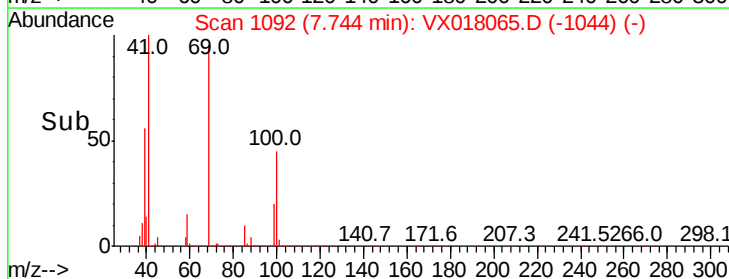
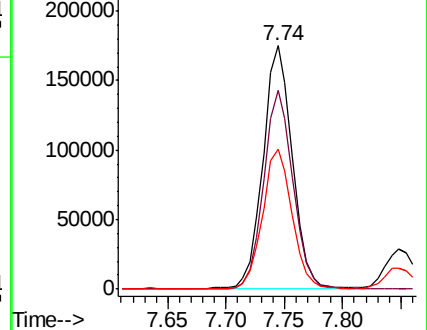
39 58.0 44.5 66.7

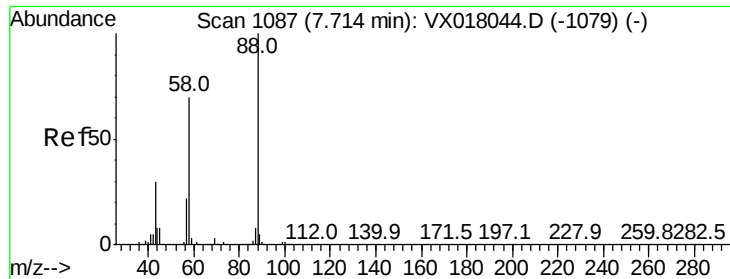


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

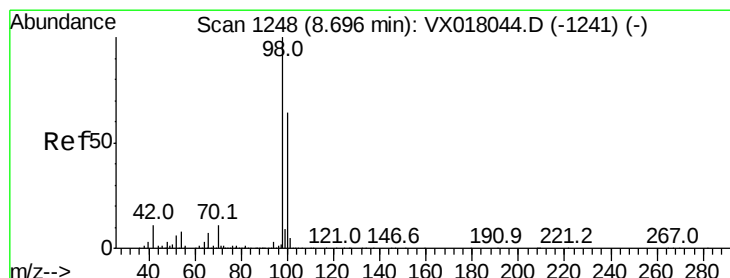
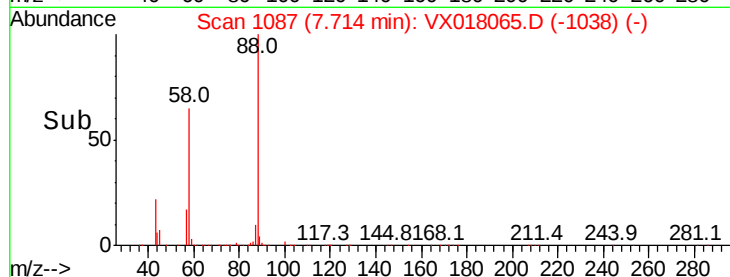
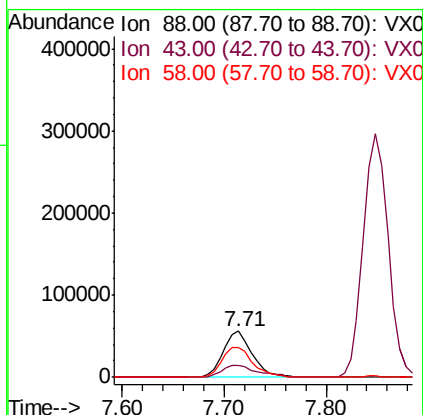
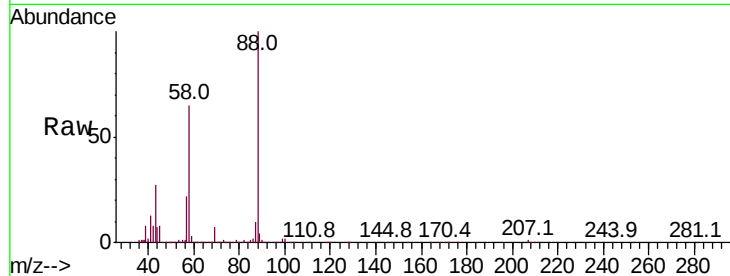




#49
1,4-Dioxane
Concen: 884.742 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

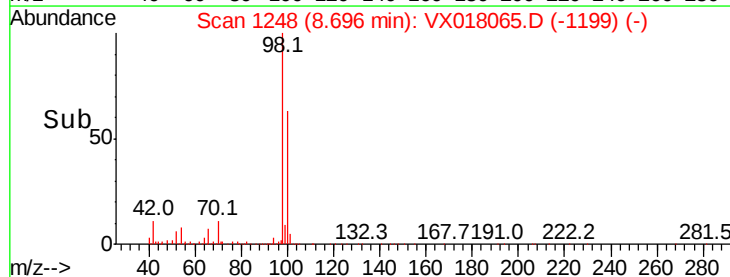
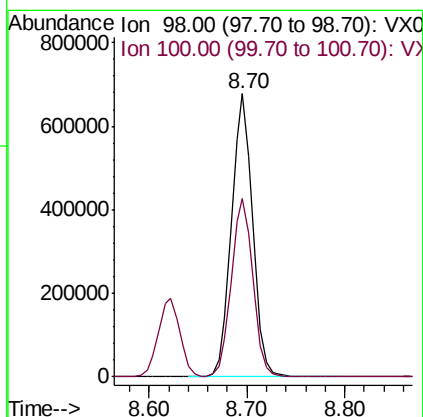
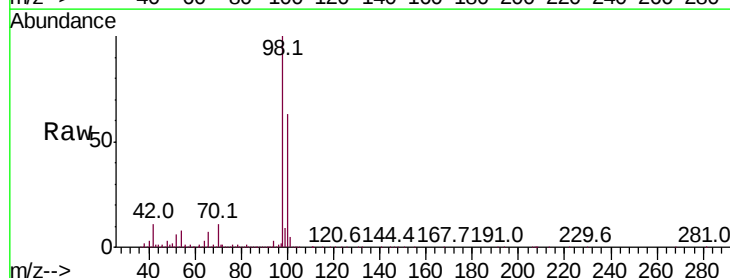
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

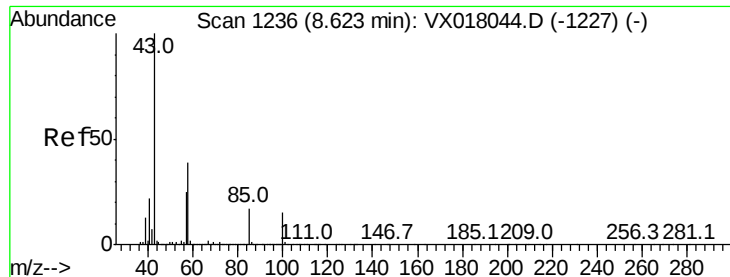
Tot Ion: 88 Resp: 111731
Ion Ratio Lower Upper
88 100
43 33.2 27.4 41.0
58 70.8 56.4 84.6



#50
Toluene-d8
Concen: 49.448 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 98 Resp: 1015242
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4

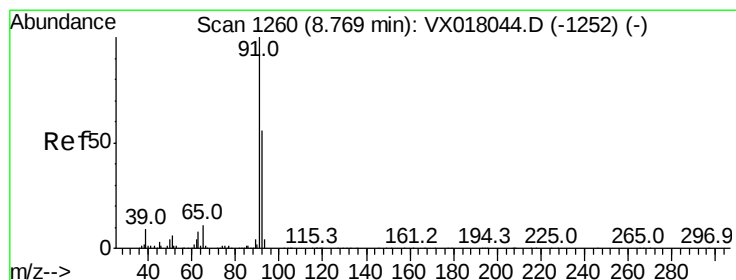
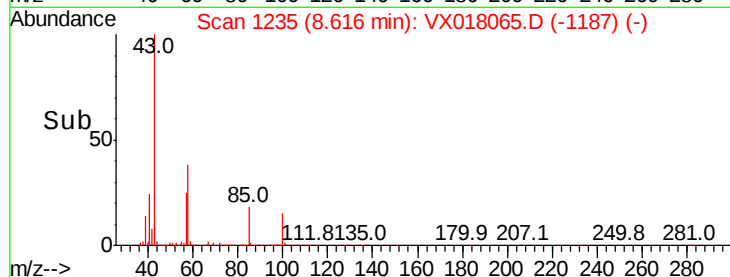
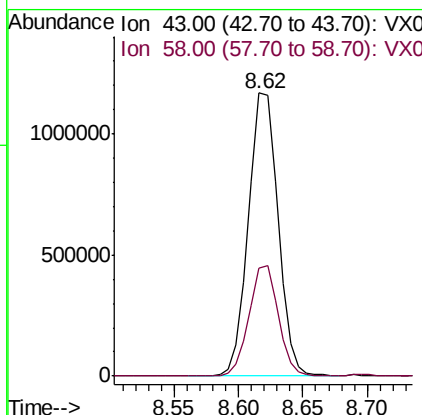
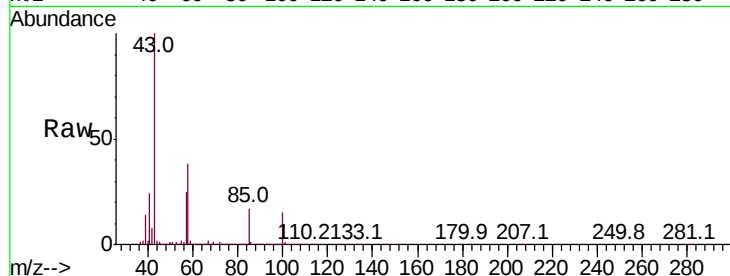




#51
4-Methyl-2-Pentanone
Concen: 214.699 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

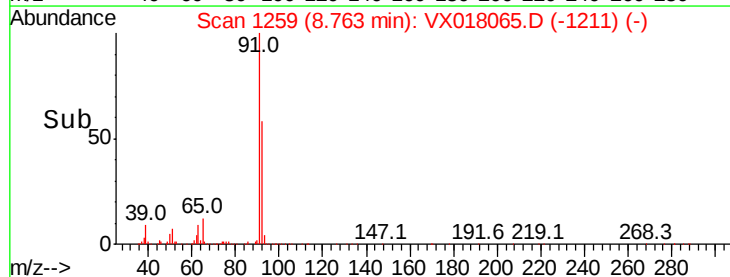
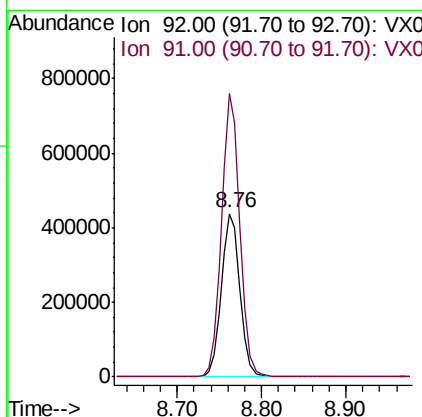
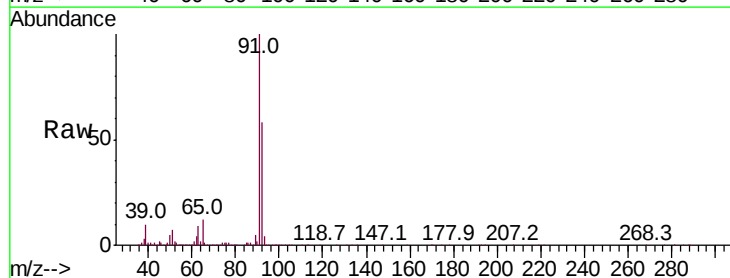
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

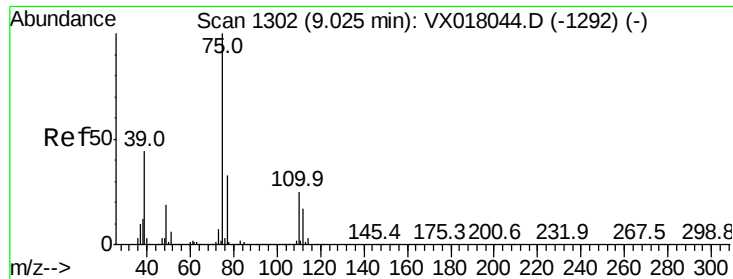
Tot Ion: 43 Resp: 1857341
Ion Ratio Lower Upper
43 100
58 38.4 30.7 46.1



#52
Toluene
Concen: 47.924 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 92 Resp: 666622
Ion Ratio Lower Upper
92 100
91 170.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 49.164 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

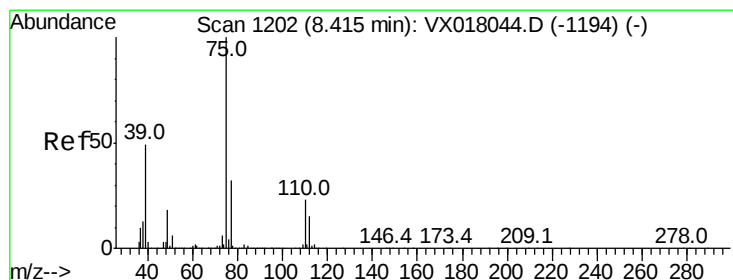
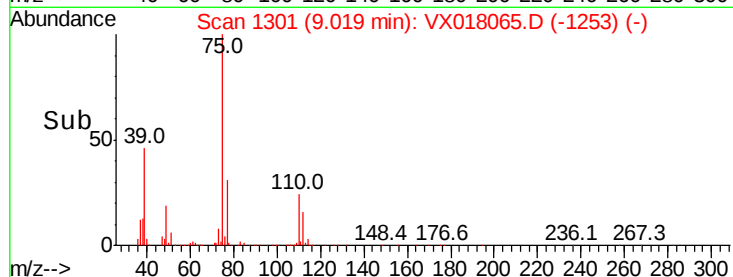
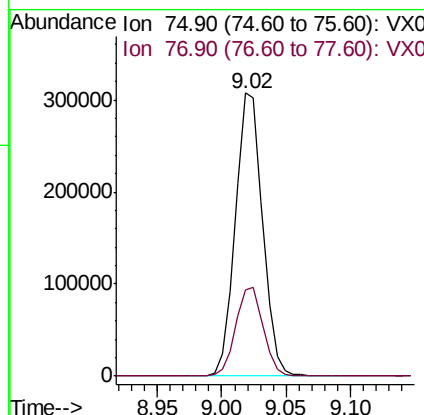
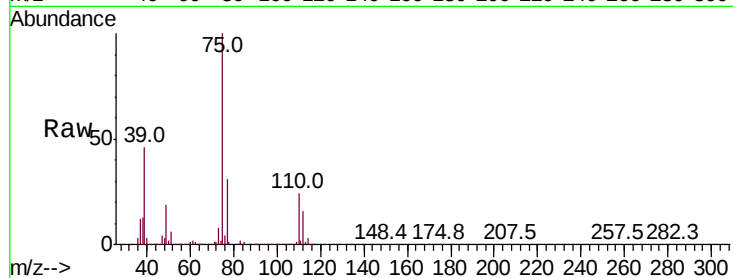
Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 452338

Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.6	39.8



#54

cis-1,3-Dichloropropene

Concen: 48.310 ug/l

RT: 8.42 min Scan# 1202

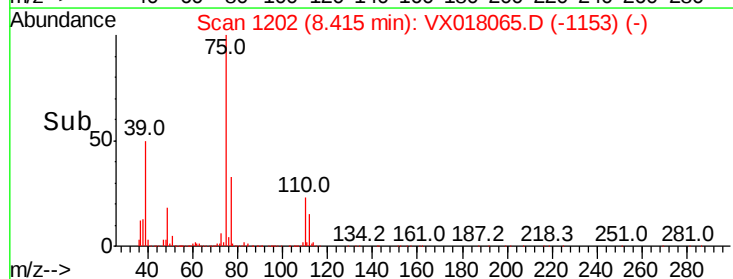
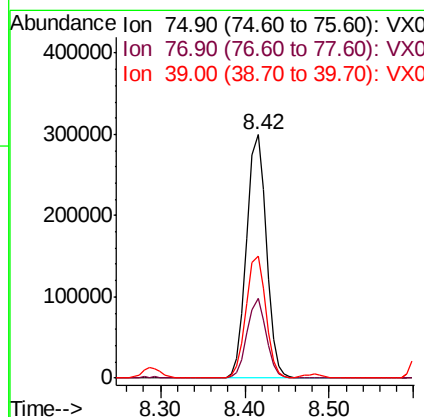
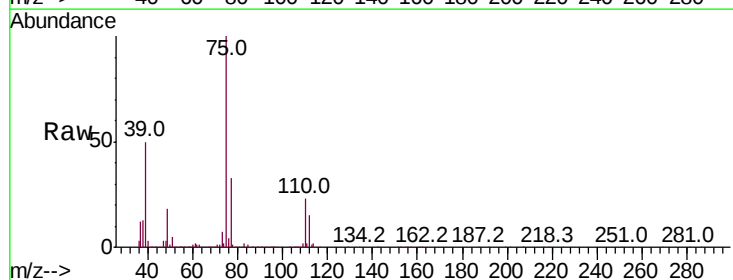
Delta R.T. -0.00 min

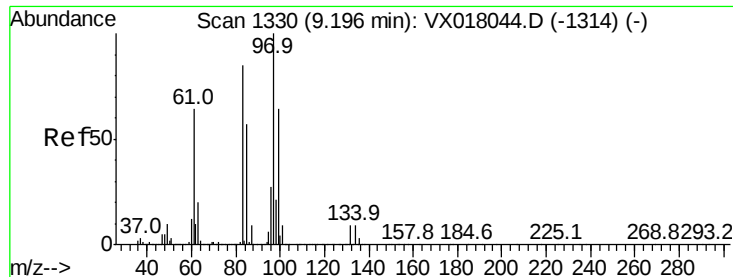
Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion: 75 Resp: 470850

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.8
39	50.1	38.8	58.2

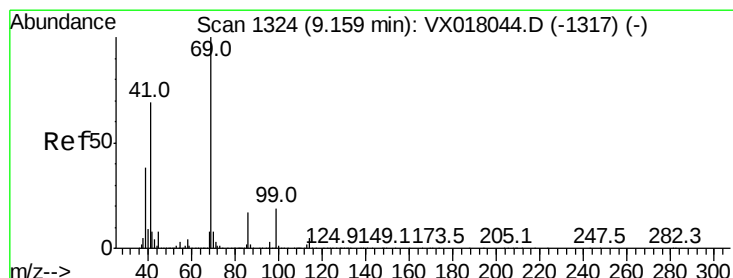
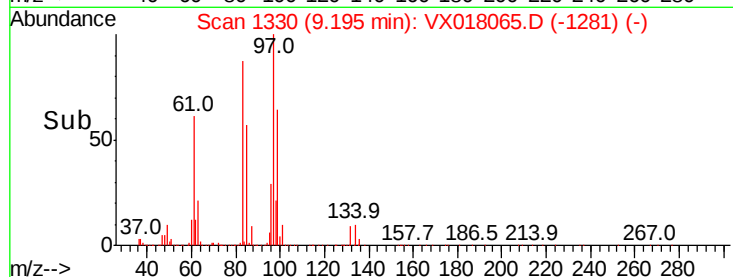
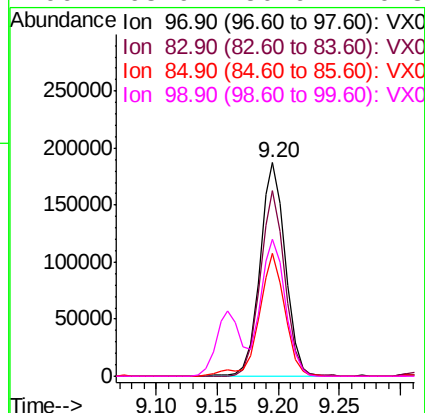
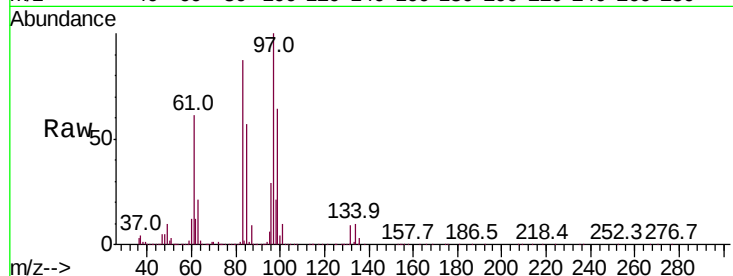




#55
 1,1,2-Trichloroethane
 Concen: 45.723 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

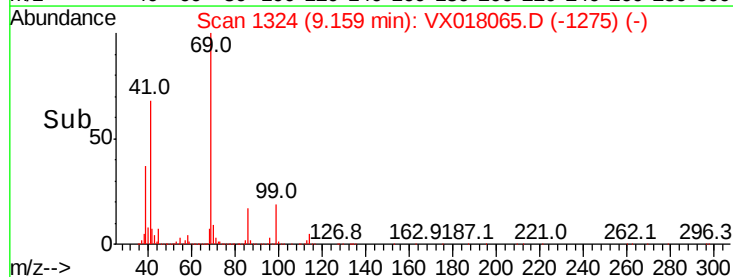
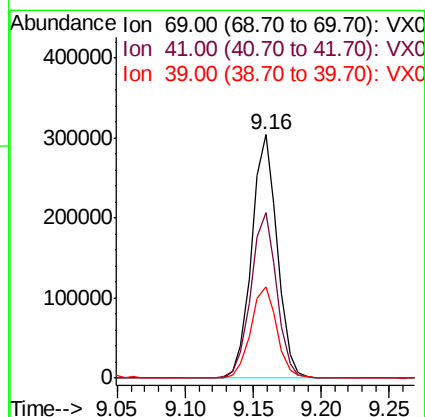
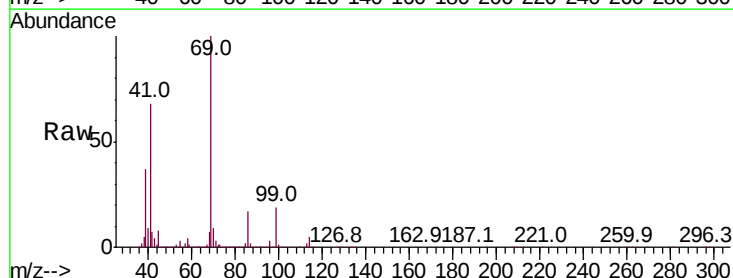
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

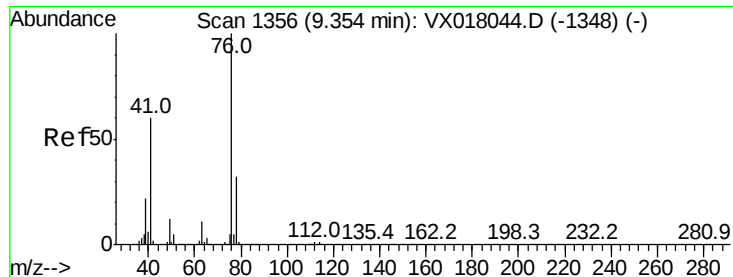
Tot Ion:	97	Resp:	271251
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.8	101.6
85	57.3	45.3	67.9
99	63.9	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 45.617 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion:	69	Resp:	402308
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.6	81.8
39	38.2	29.1	43.7





#57

1,3-Dichloropropane

Concen: 46.410 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

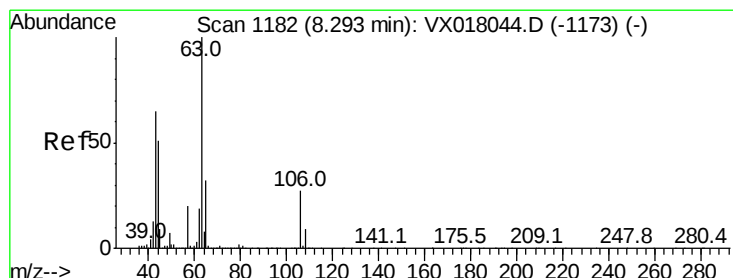
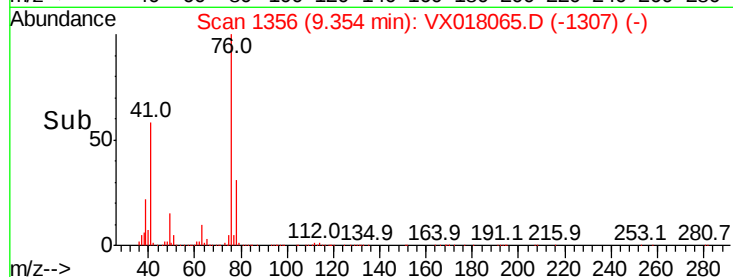
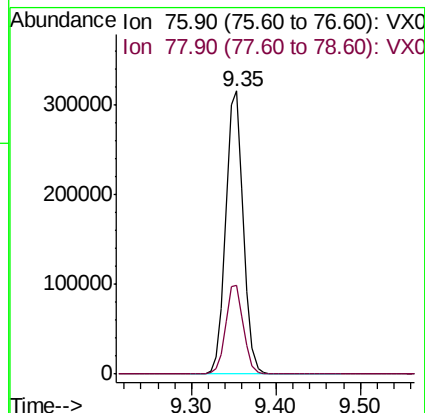
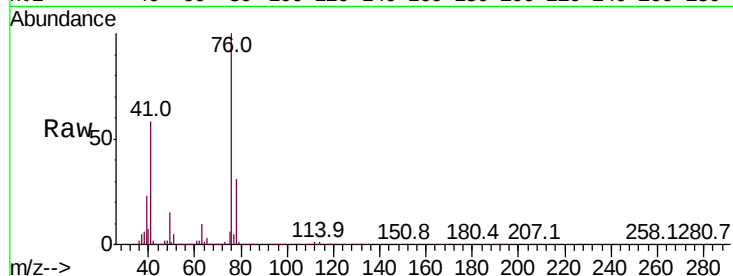
VSTDCCC050

Tot Ion: 76 Resp: 454115

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 222.429 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018065.D

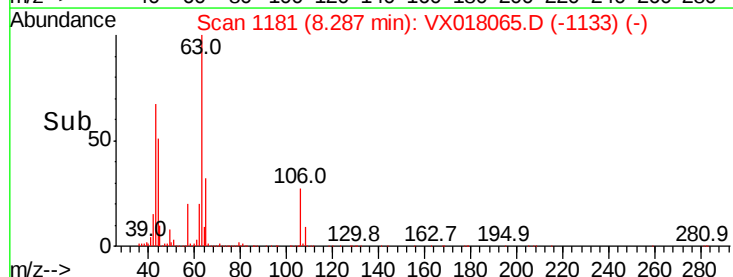
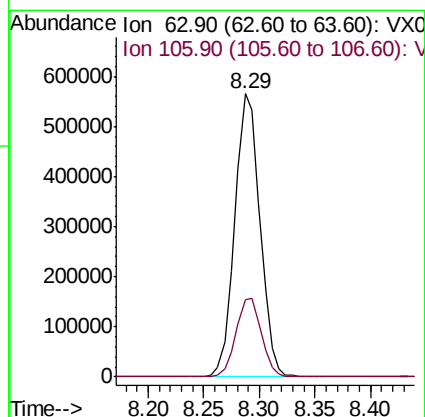
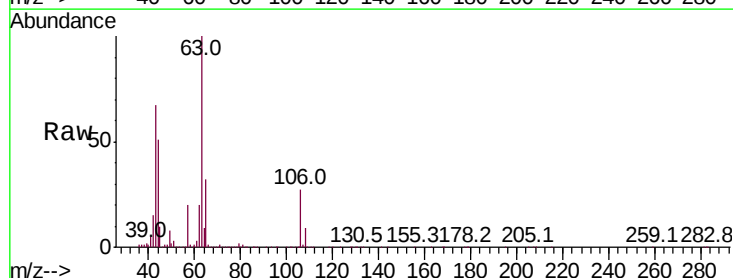
Acq: 26 Aug 2020 09:59

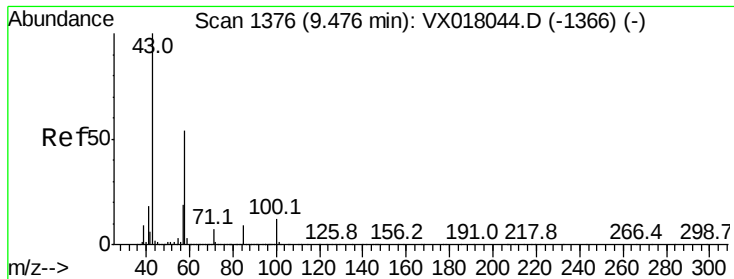
Tgt Ion: 63 Resp: 882445

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1

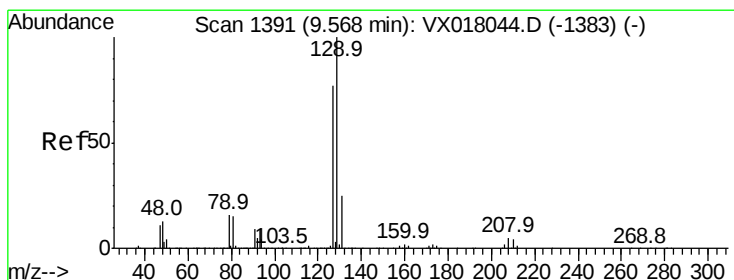
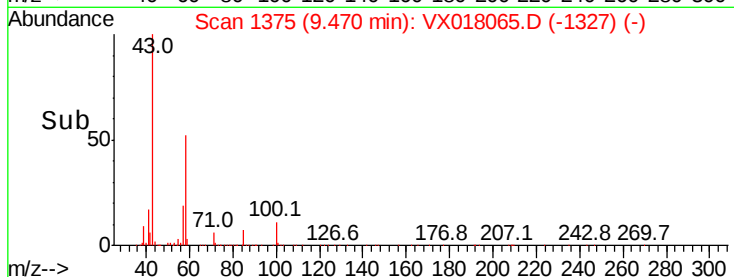
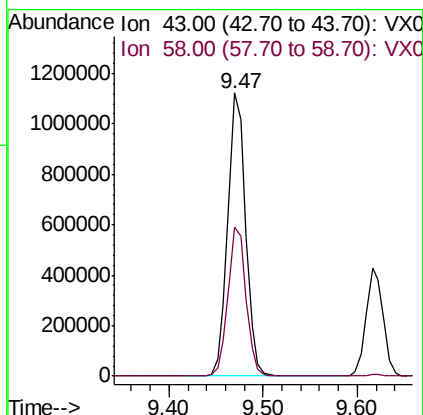
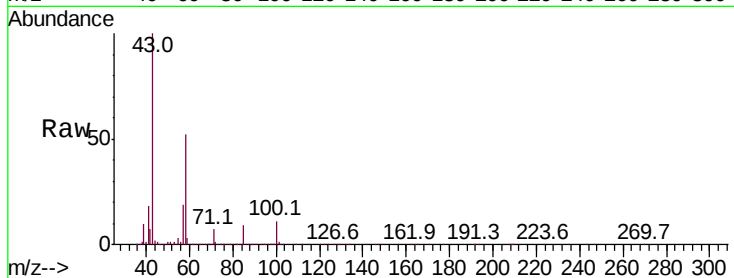




#59
2-Hexanone
Concen: 225.832 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

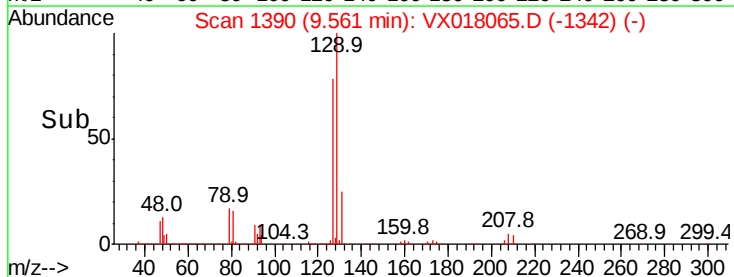
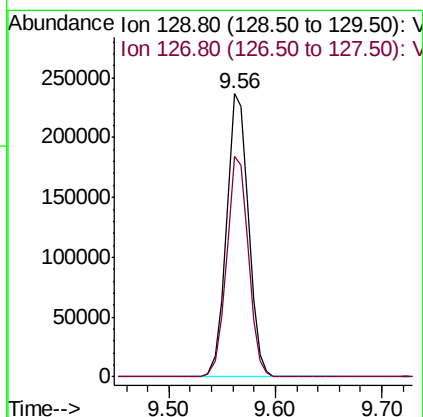
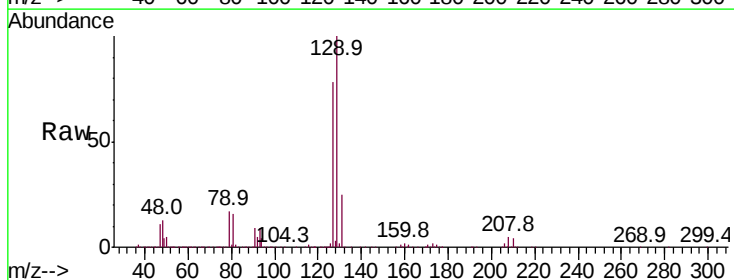
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

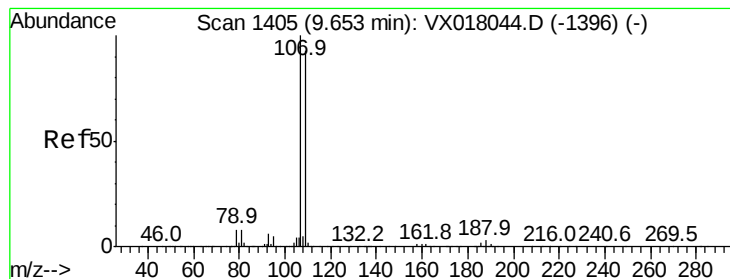
Tot Ion: 43 Resp: 1485529
Ion Ratio Lower Upper
43 100
58 53.2 26.6 79.7



#60
Dibromochloromethane
Concen: 49.287 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 129 Resp: 343005
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 46.361 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

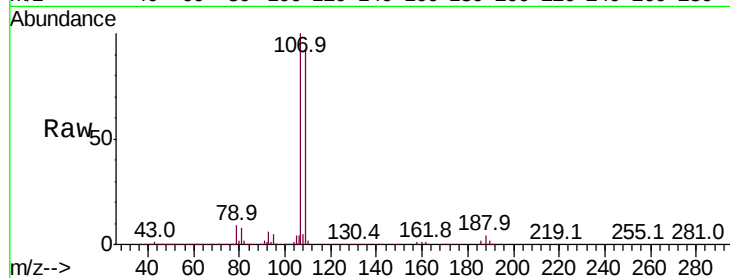
VSTDCCC050

Tot Ion:107 Resp: 298595

Ion Ratio Lower Upper

107 100

109 94.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

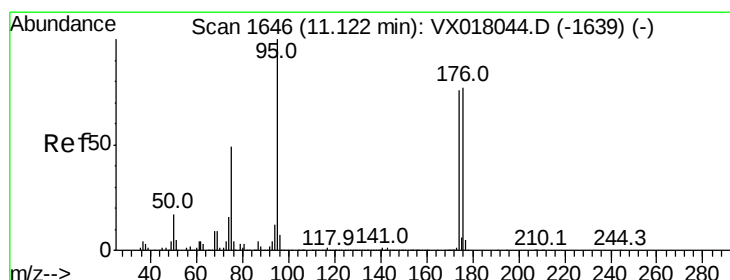
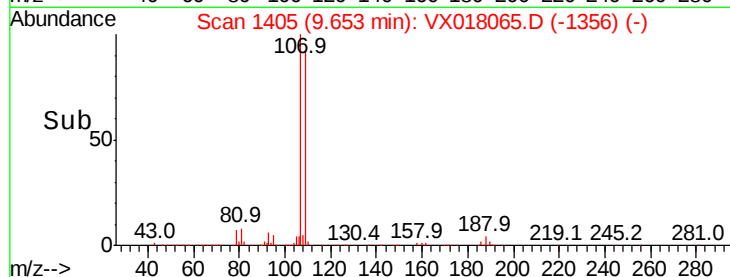
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.873 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

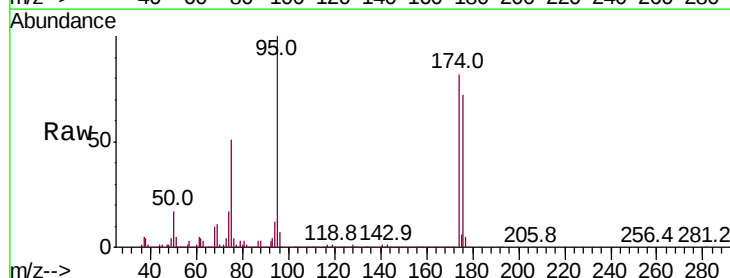
Tgt Ion: 95 Resp: 402864

Ion Ratio Lower Upper

95 100

174 82.8 0.0 160.2

176 76.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

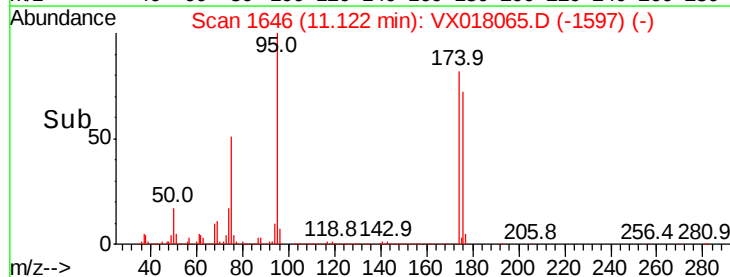
300000

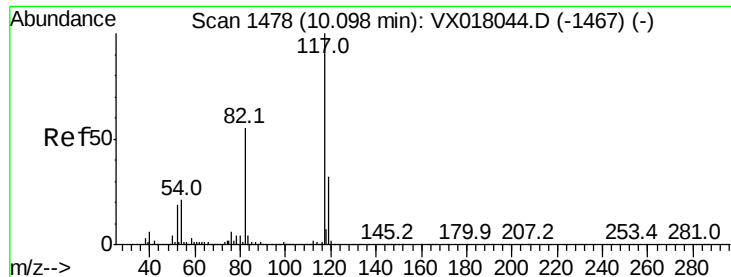
200000

100000

0

Time--> 11.10 11.20

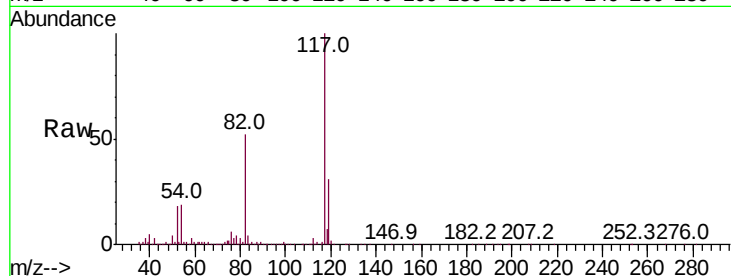




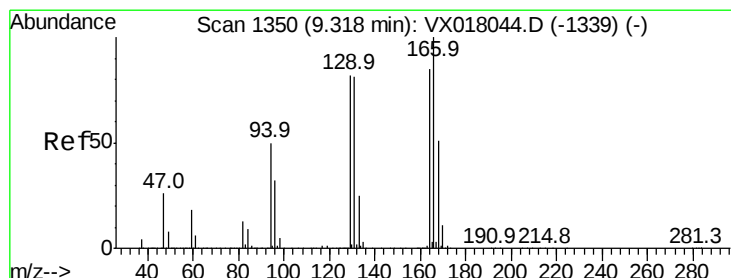
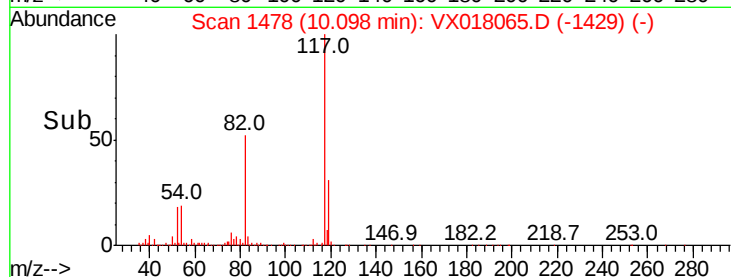
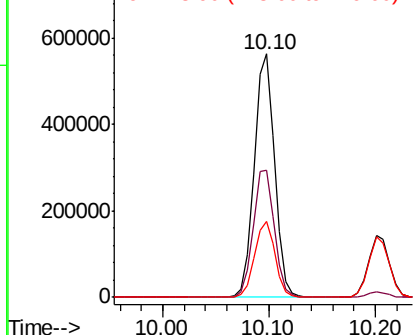
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.2	66.2
119	31.1	25.7	38.5



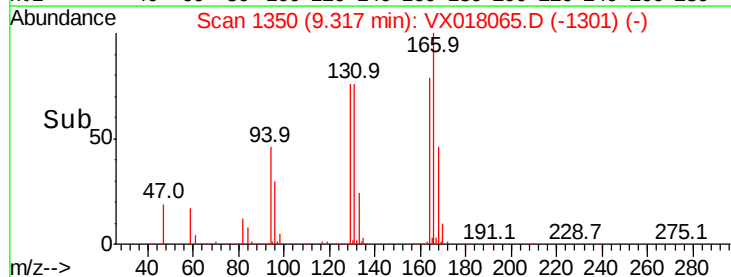
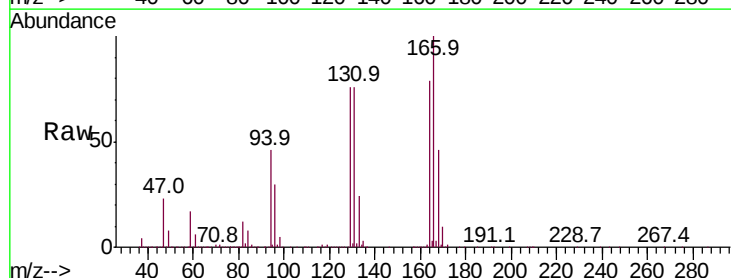
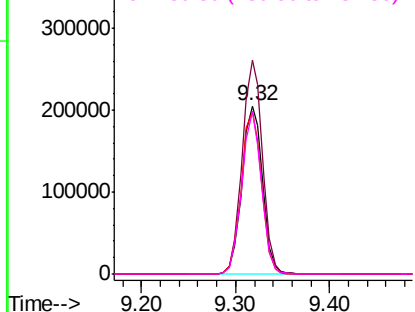
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

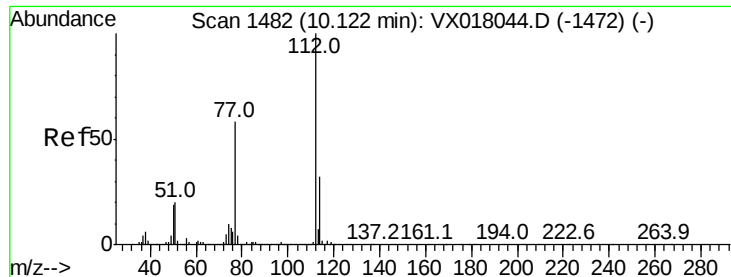


#64
Tetrachloroethene
Concen: 55.410 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	94.2	141.2
129	96.8	76.9	115.3
131	96.8	76.1	114.1

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

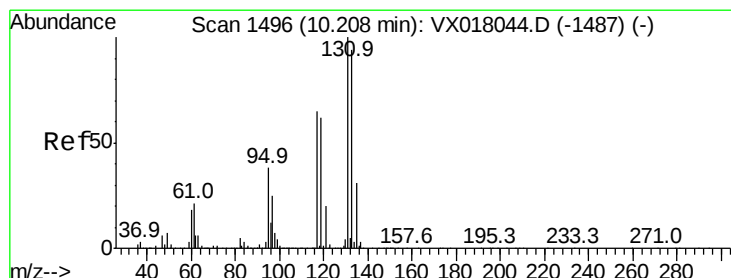
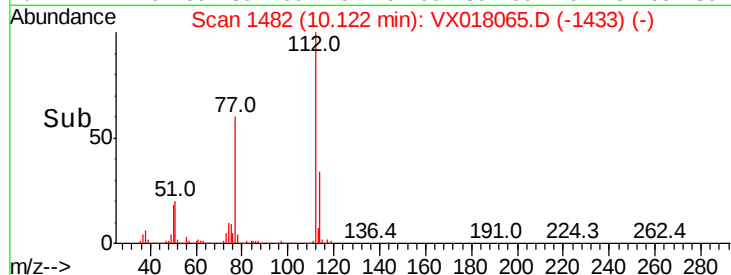
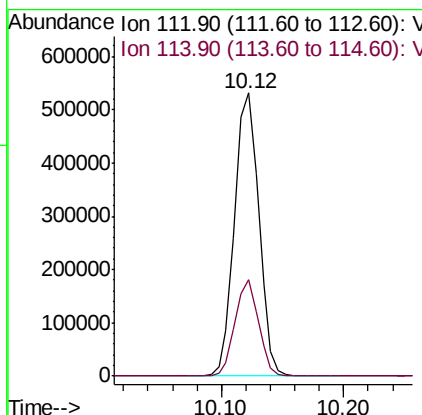
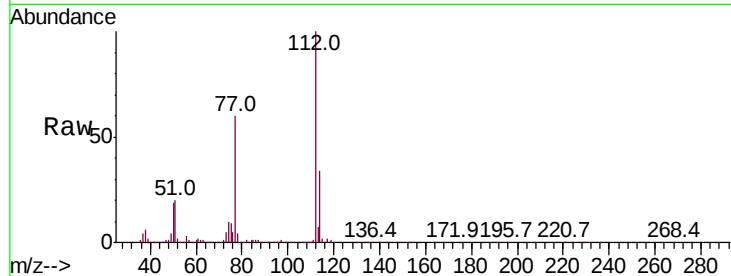




#65
Chlorobenzene
Concen: 48.384 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

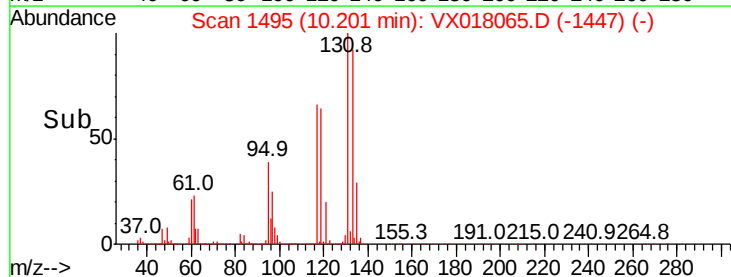
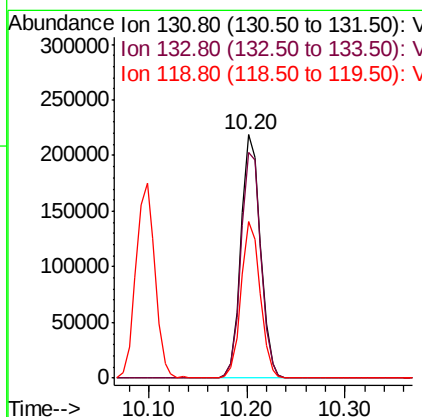
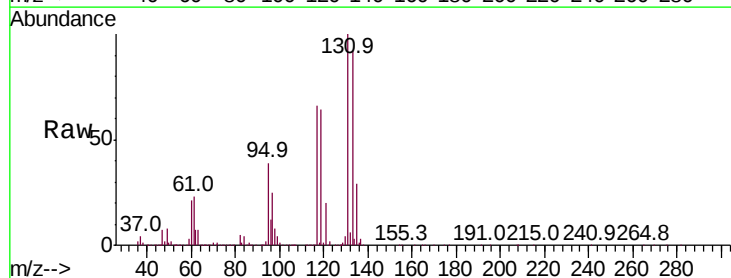
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

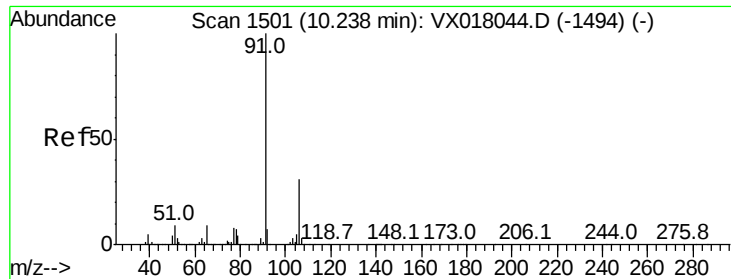
Tot Ion:112 Resp: 731894
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.869 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion:131 Resp: 303284
Ion Ratio Lower Upper
131 100
133 94.7 46.7 140.1
119 63.1 31.8 95.4





#67

Ethyl Benzene

Concen: 50.521 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

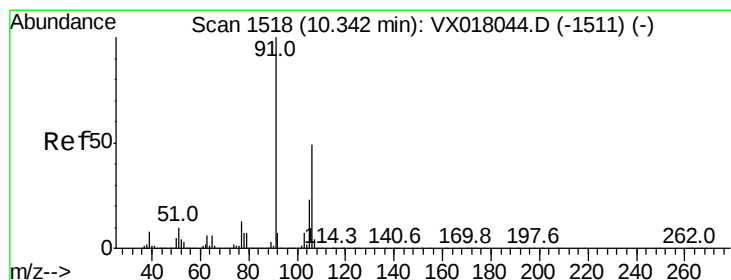
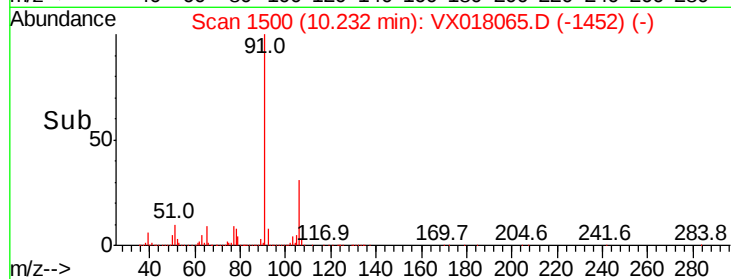
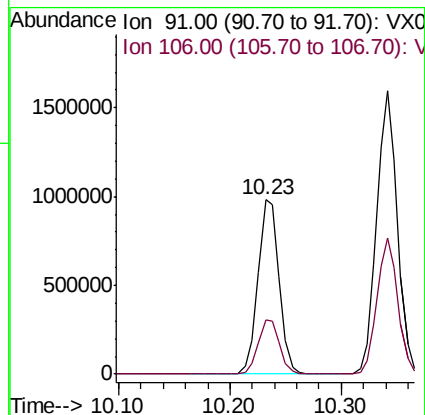
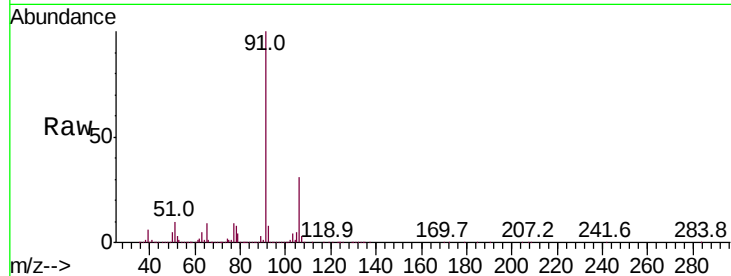
VSTDCCC050

Tot Ion: 91 Resp: 1299640

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 104.884 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018065.D

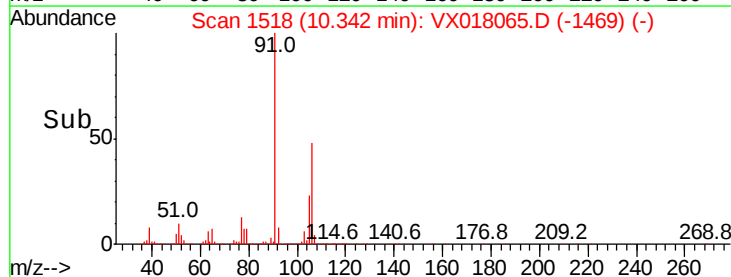
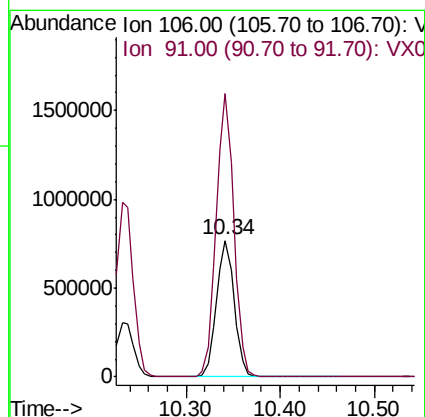
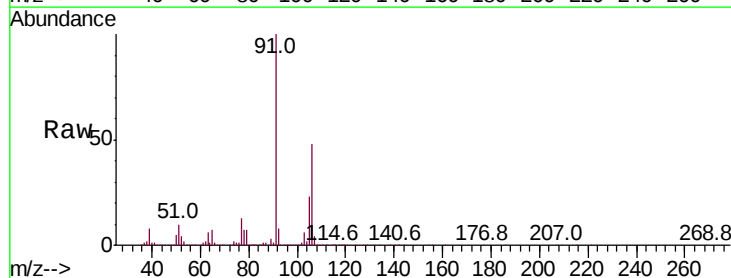
Acq: 26 Aug 2020 09:59

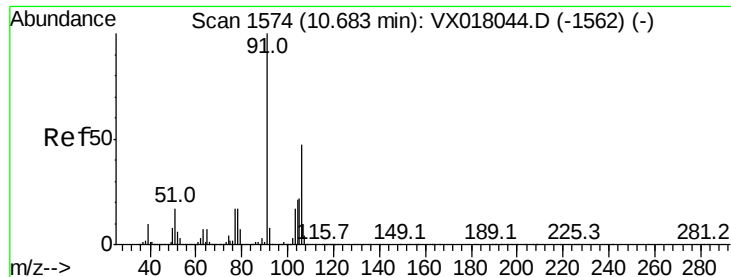
Tgt Ion: 106 Resp: 1007055

Ion Ratio Lower Upper

106 100

91 206.1 162.2 243.2

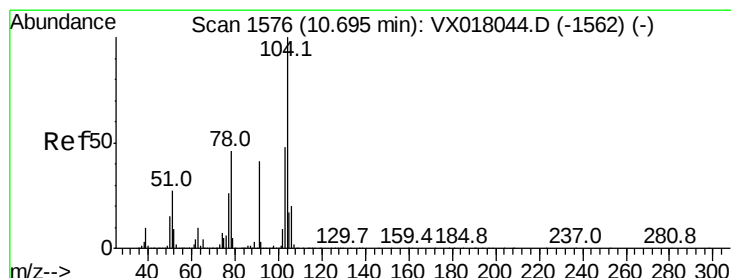
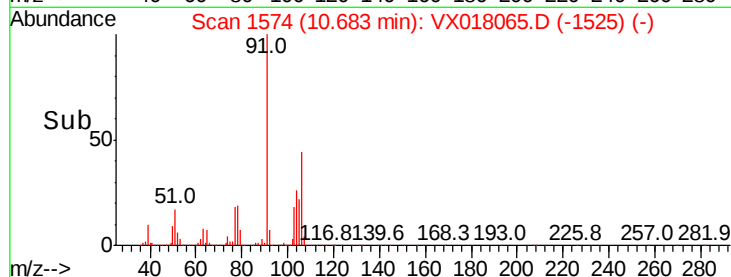
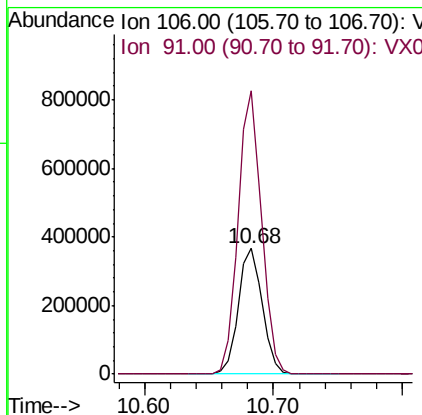
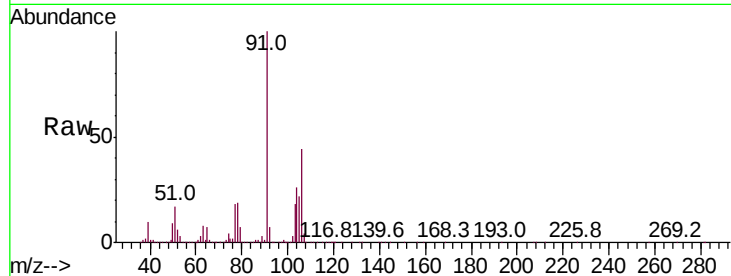




#69
o-Xylene
Concen: 50.634 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

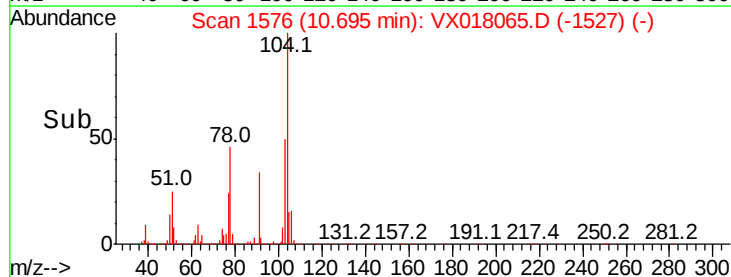
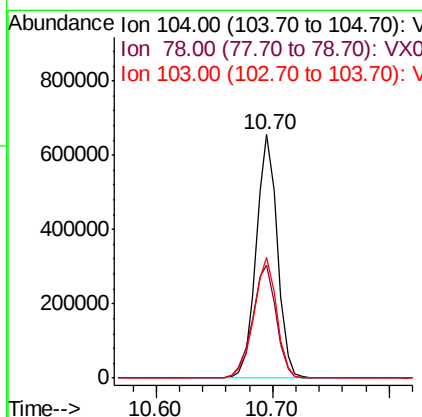
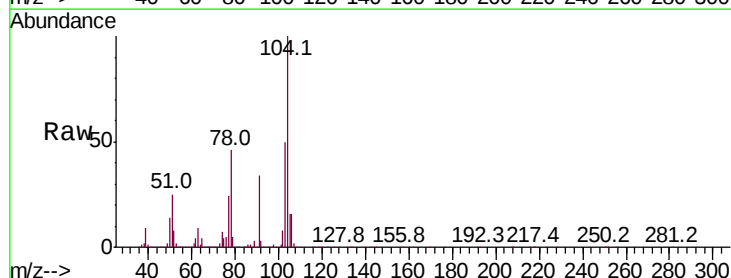
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

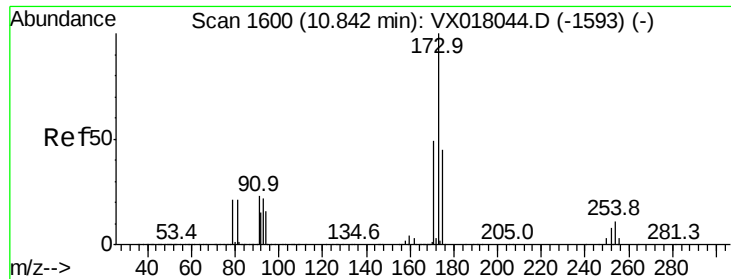
Tot Ion:106 Resp: 471294
Ion Ratio Lower Upper
106 100
91 220.9 107.1 321.3



#70
Styrene
Concen: 52.264 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion:104 Resp: 828439
Ion Ratio Lower Upper
104 100
78 52.3 40.9 61.3
103 53.8 43.6 65.4





#71

Bromoform

Concen: 51.606 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

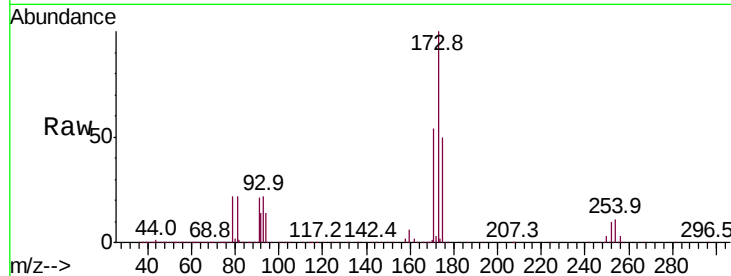
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 262437

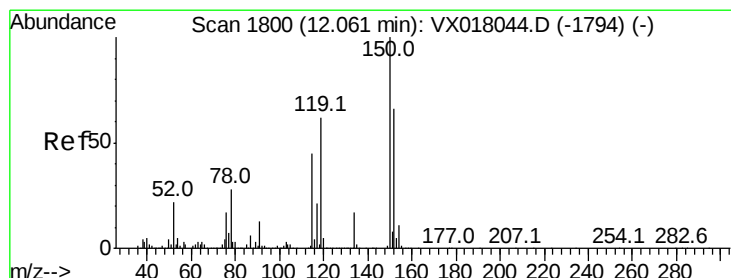
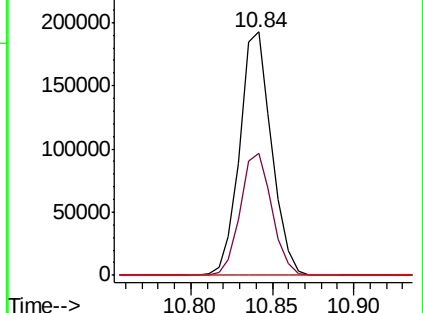
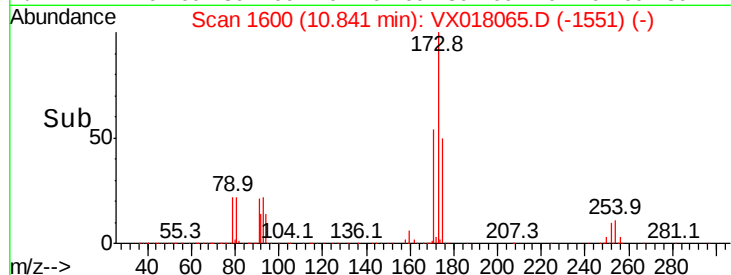
Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.8
254	0.2	0.2	0.2



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

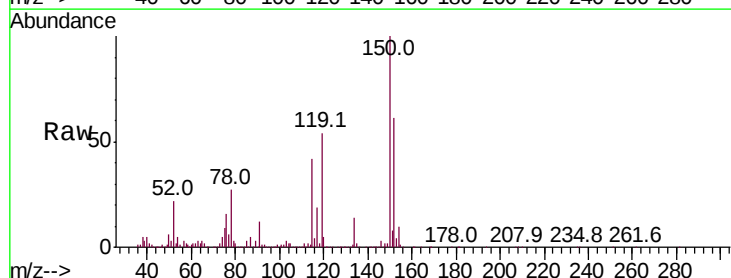
Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:152 Resp: 407834

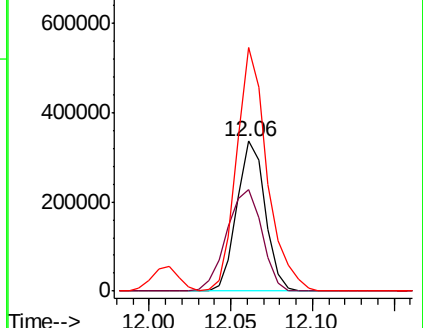
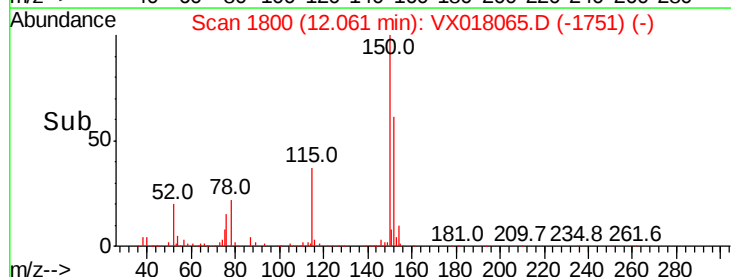
Ion	Ratio	Lower	Upper
152	100		
115	84.1	41.5	124.5
150	174.2	0.0	343.8

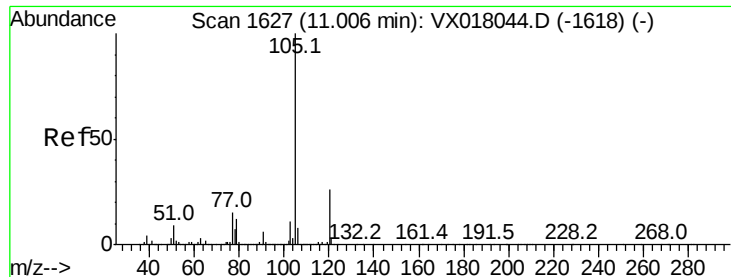


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.396 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

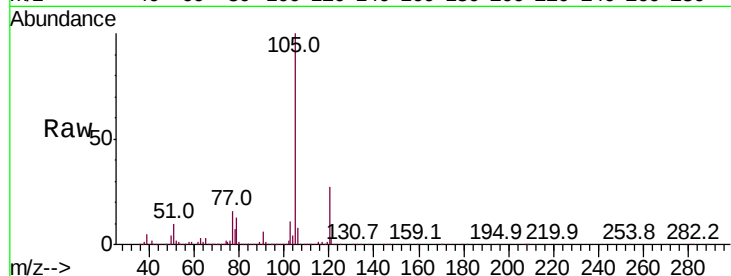
VSTDCCC050

Tot Ion:105 Resp: 1328798

Ion Ratio Lower Upper

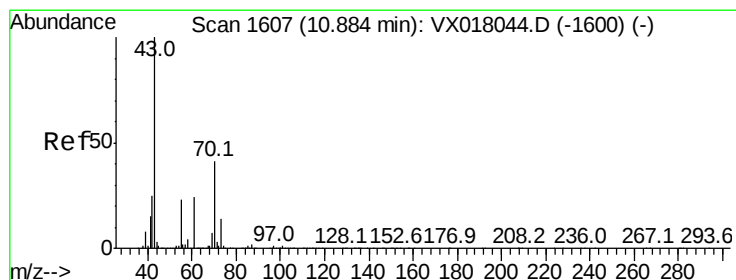
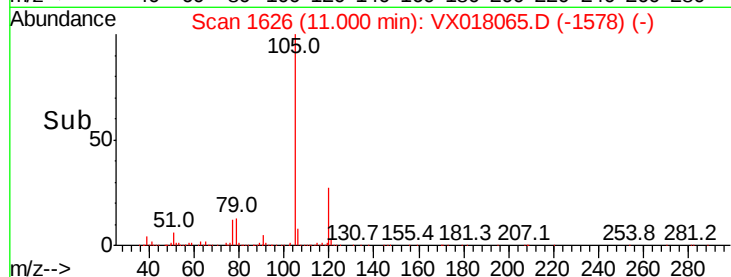
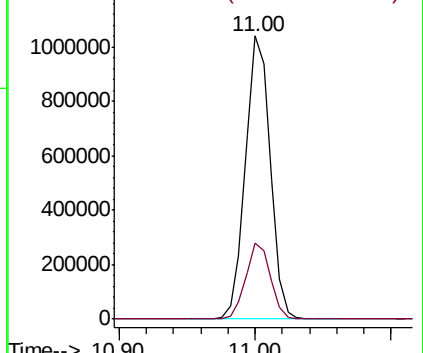
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.061 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion: 43 Resp: 562376

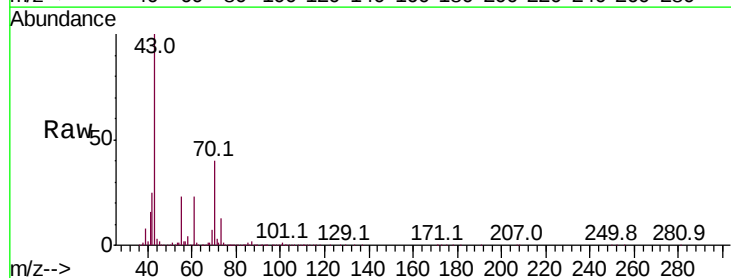
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.4 18.2 27.2

61 23.5 18.9 28.3

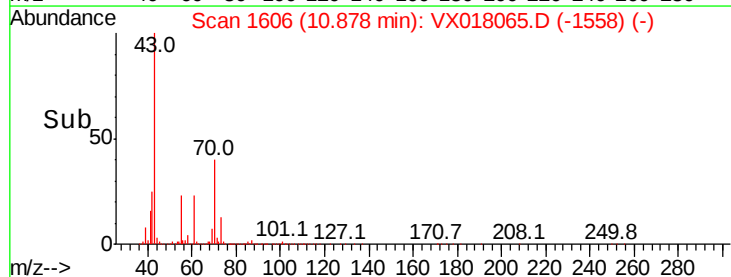
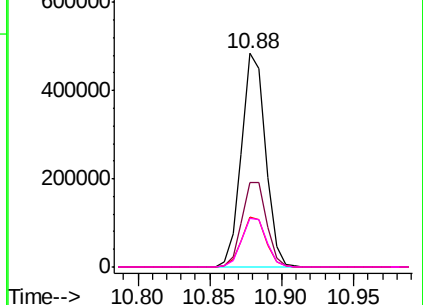


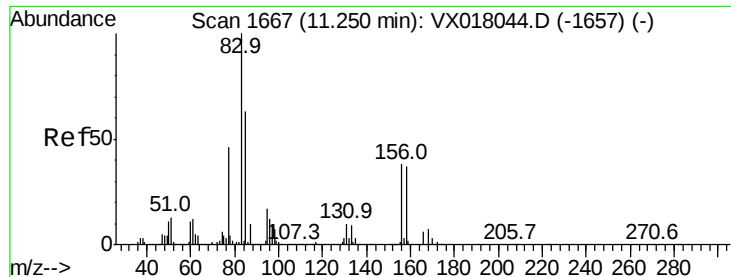
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 41.711 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

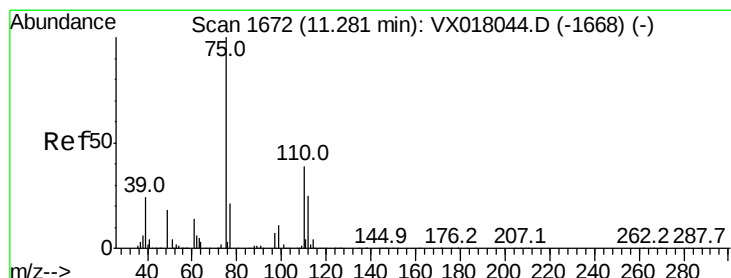
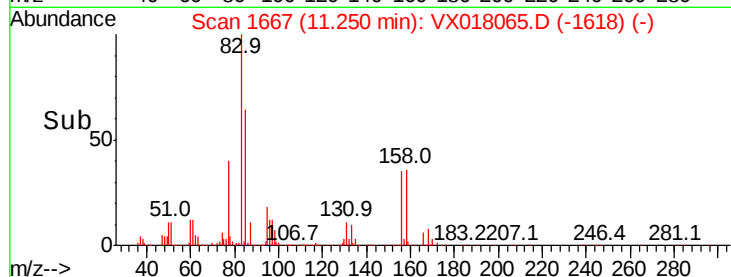
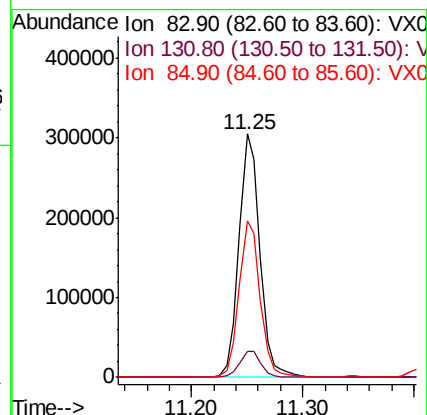
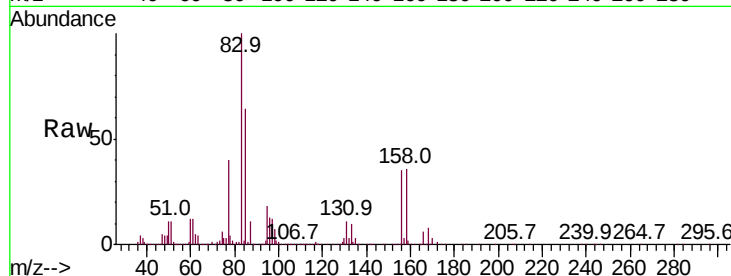
Tot Ion: 83 Resp: 395827

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.1	15.4
85	64.9	32.2	96.6

83 100

131 11.1 5.1 15.4

85 64.9 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 56.137 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018065.D

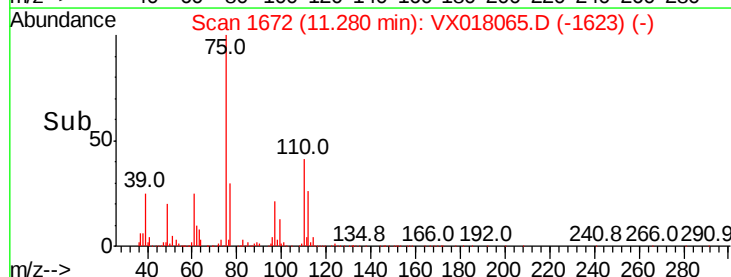
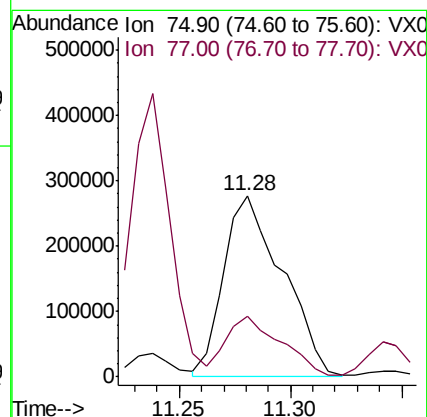
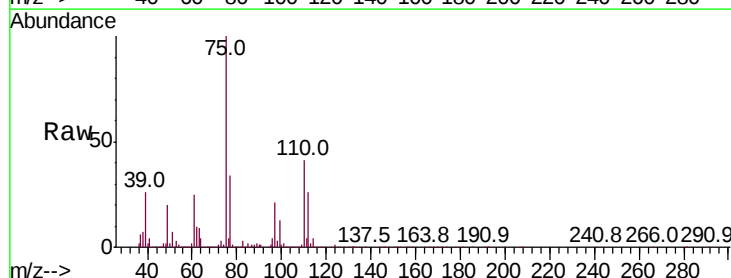
Acq: 26 Aug 2020 09:59

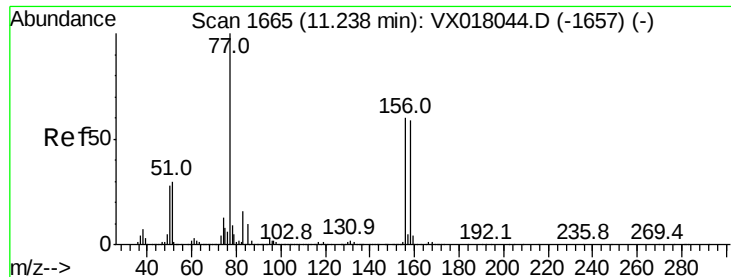
Tgt Ion: 75 Resp: 509300

Ion	Ratio	Lower	Upper
75	100		
77	31.7	20.8	62.2

75 100

77 31.7 20.8 62.2





#77

Bromobenzene

Concen: 47.046 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

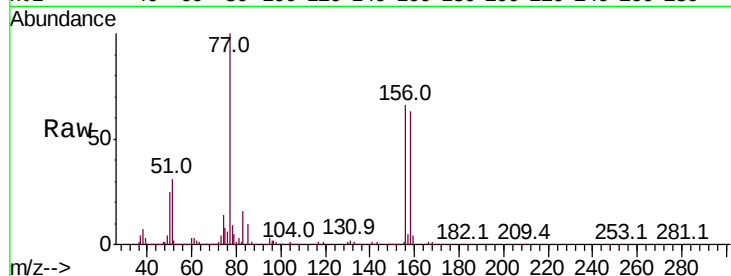
Tot Ion:156 Resp: 349836

Ion Ratio Lower Upper

156 100

77 153.9 80.0 240.2

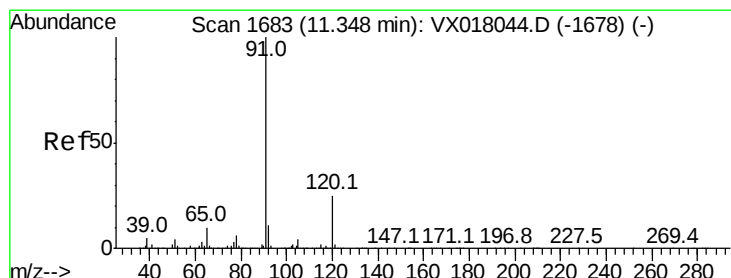
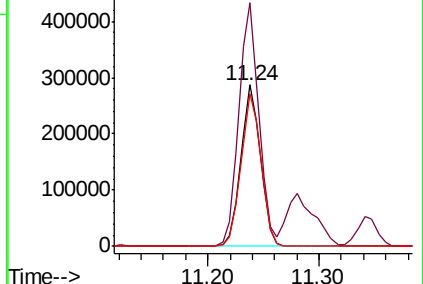
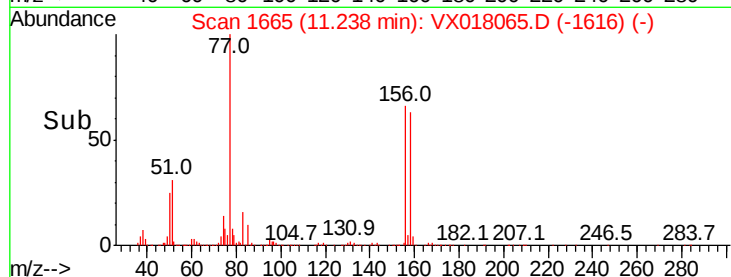
158 96.1 49.5 148.7



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: 50.534 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018065.D

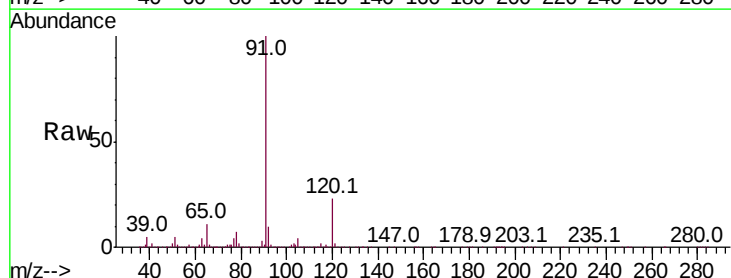
Acq: 26 Aug 2020 09:59

Tgt Ion: 91 Resp: 1543564

Ion Ratio Lower Upper

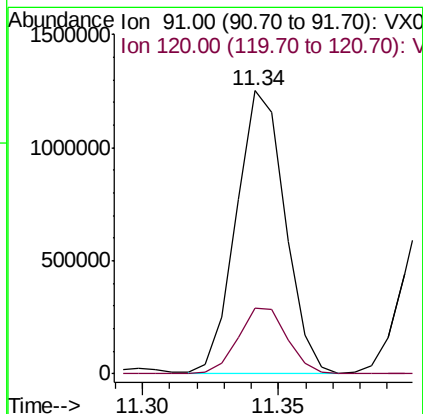
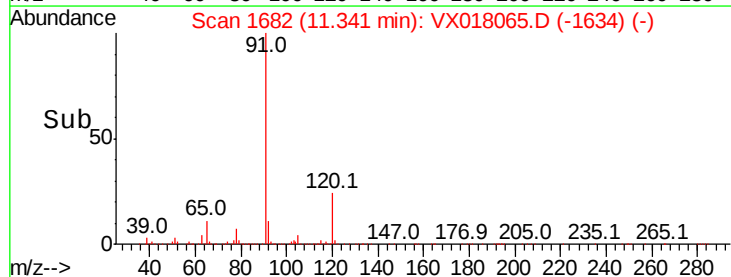
91 100

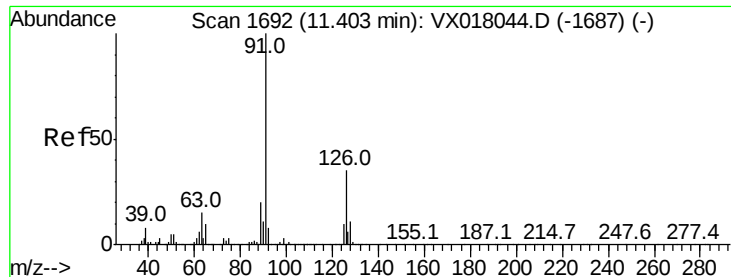
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

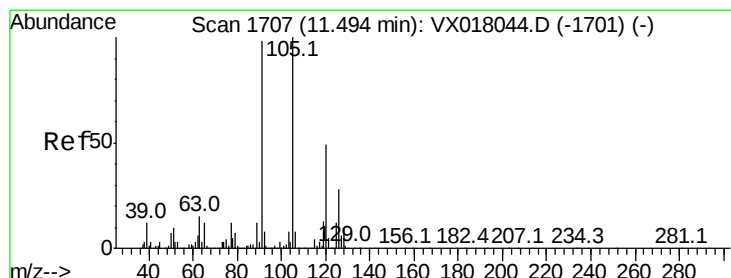
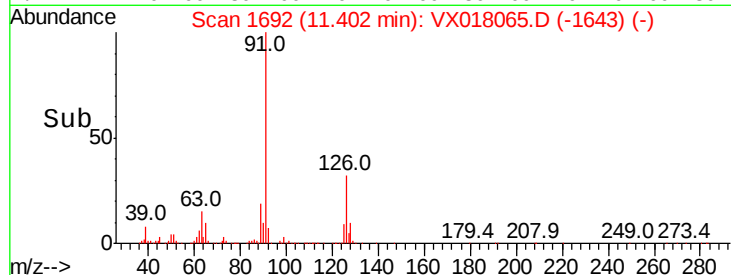
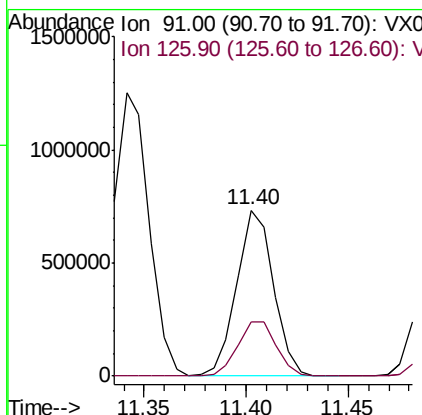
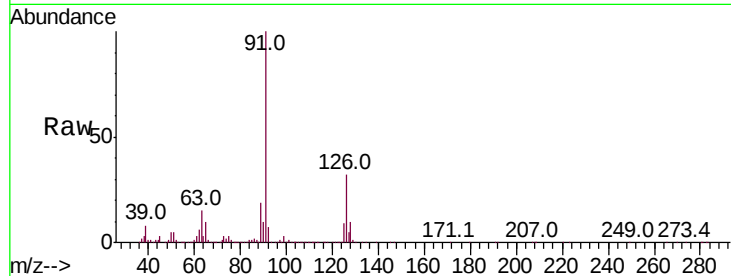




#79
2-Chlorotoluene
Concen: 48.585 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

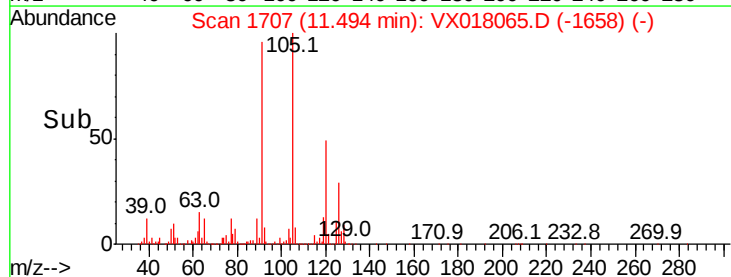
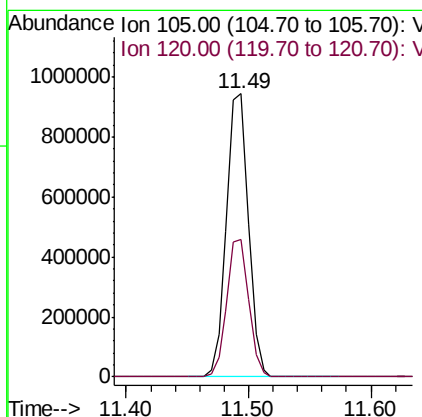
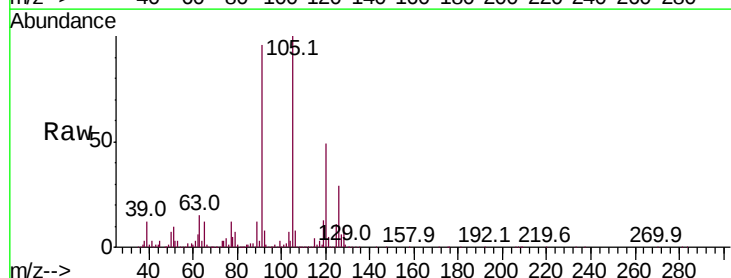
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

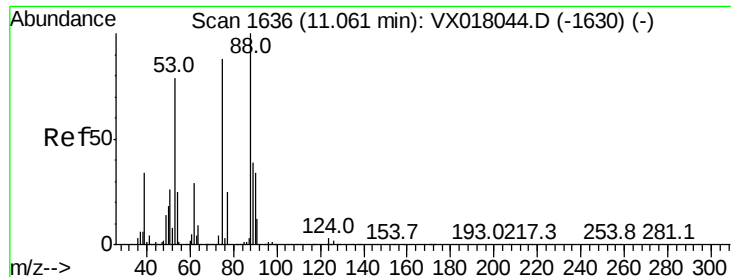
Tot Ion: 91 Resp: 916859
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.856 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 105 Resp: 1168448
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.955 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

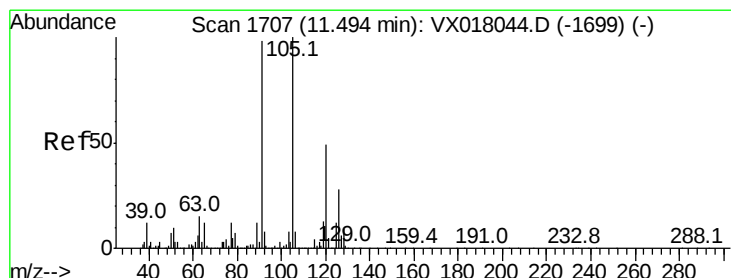
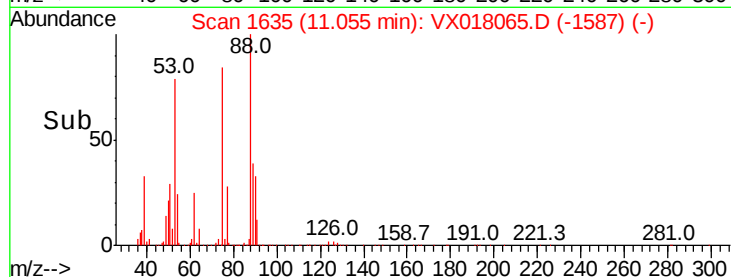
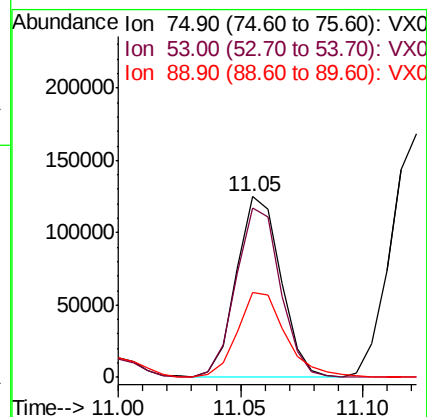
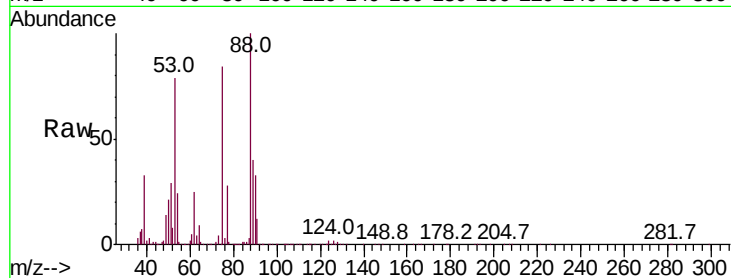
Tot Ion: 75 Resp: 157728

Ion Ratio Lower Upper

75 100

53 93.5 74.7 112.1

89 51.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 48.976 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018065.D

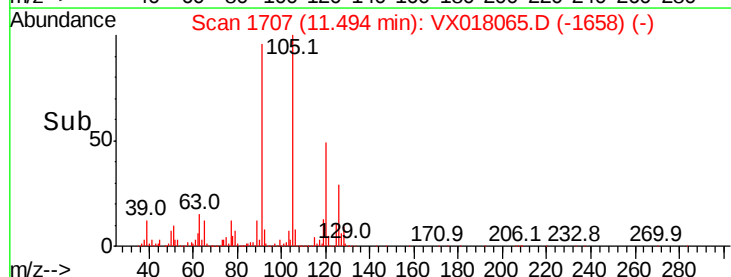
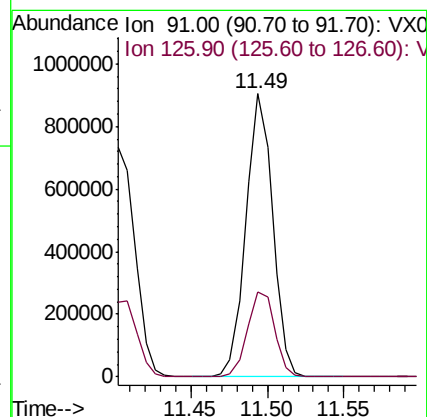
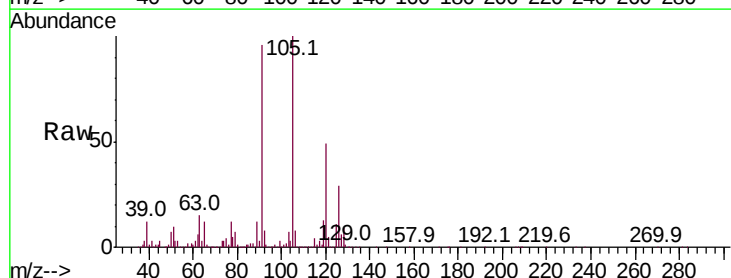
Acq: 26 Aug 2020 09:59

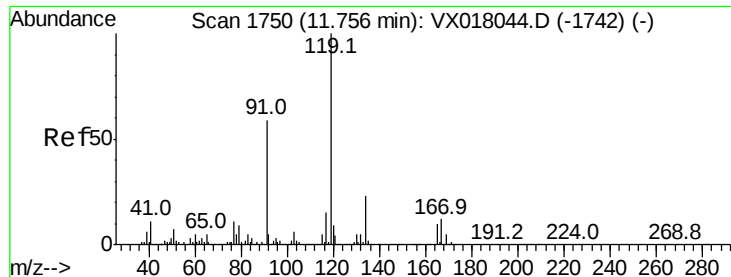
Tgt Ion: 91 Resp: 1098744

Ion Ratio Lower Upper

91 100

126 30.7 15.1 45.3





#83

tert-Butylbenzene

Concen: 49.444 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

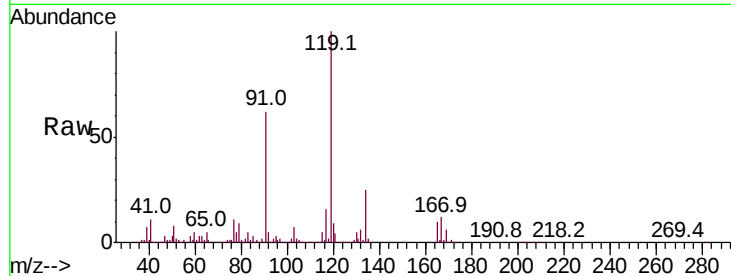
Tot Ion:119 Resp: 1078670

Ion Ratio Lower Upper

119 100

91 60.4 28.2 84.7

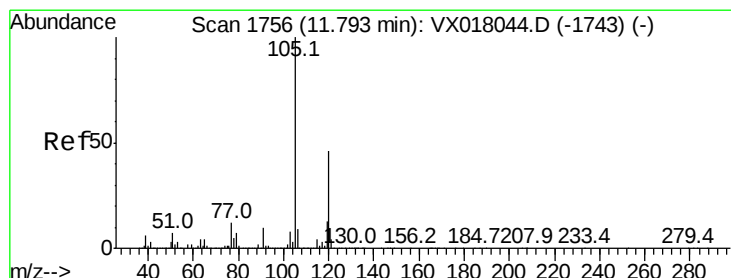
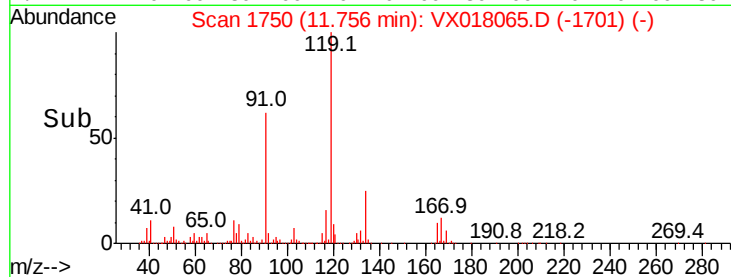
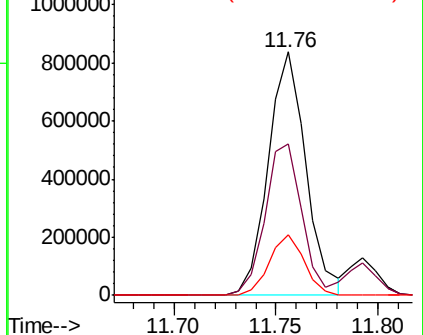
134 23.2 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.832 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018065.D

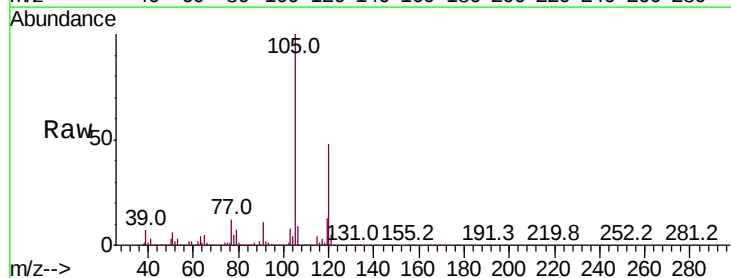
Acq: 26 Aug 2020 09:59

Tgt Ion:105 Resp: 1171464

Ion Ratio Lower Upper

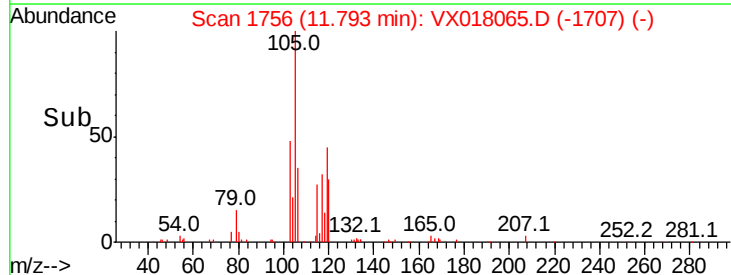
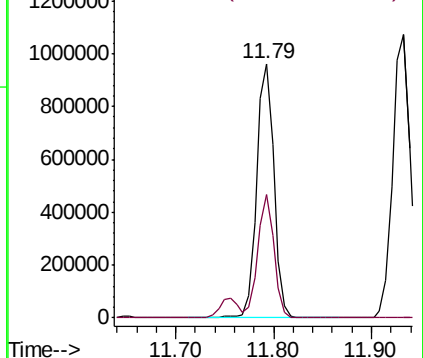
105 100

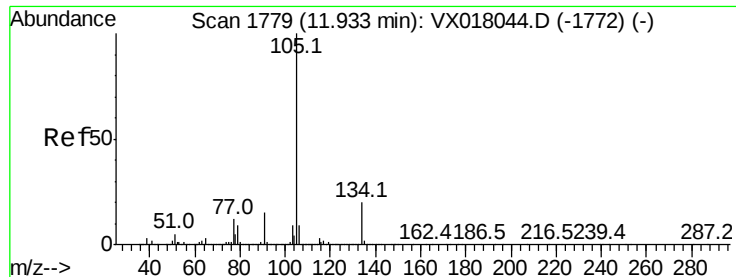
120 45.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.133 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

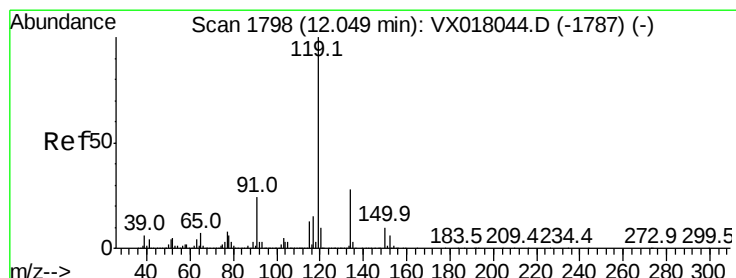
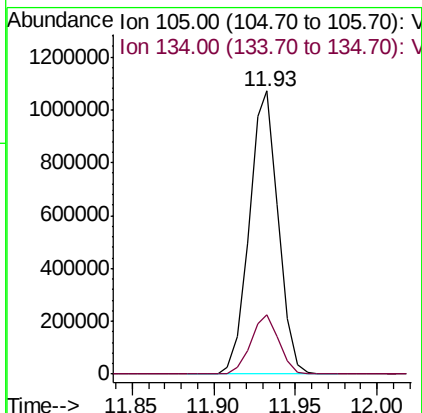
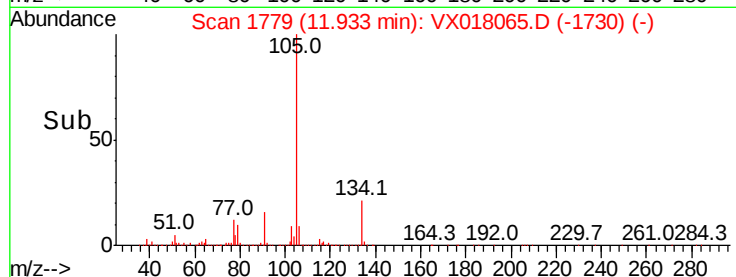
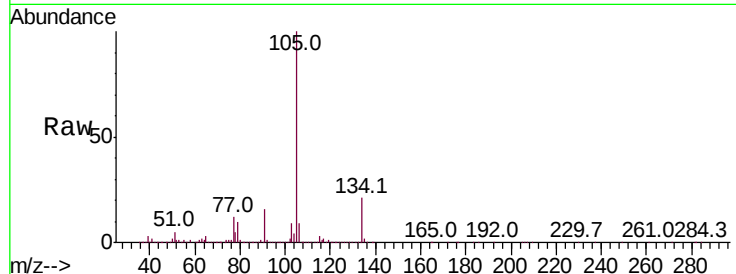
VSTDCCC050

Tot Ion:105 Resp: 1318177

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.3



#86

p-Isopropyltoluene

Concen: 55.485 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

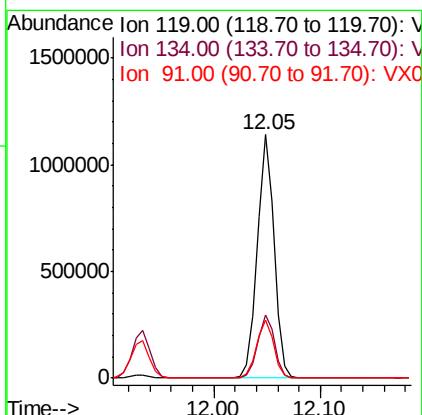
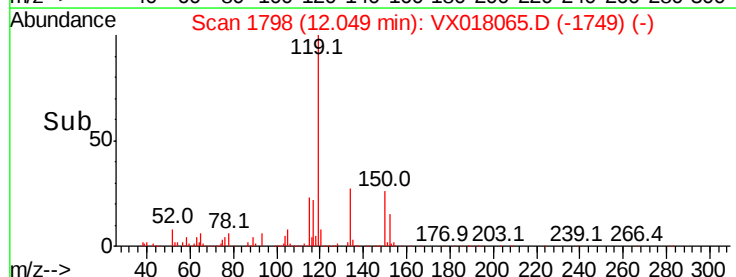
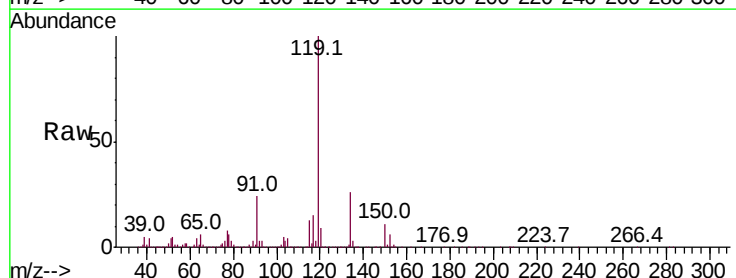
Tgt Ion:119 Resp: 1264422

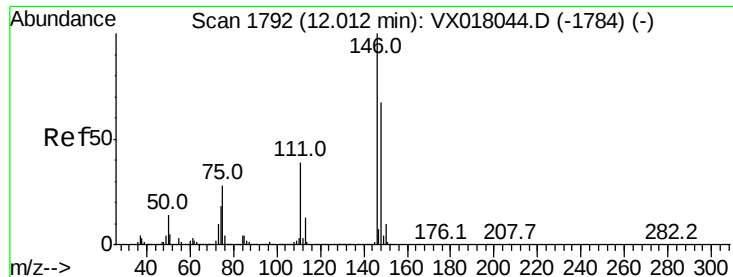
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 24.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 49.900 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

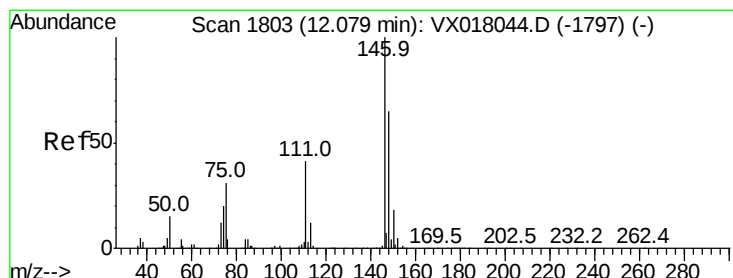
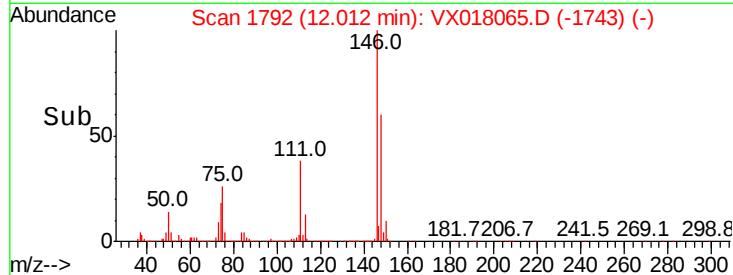
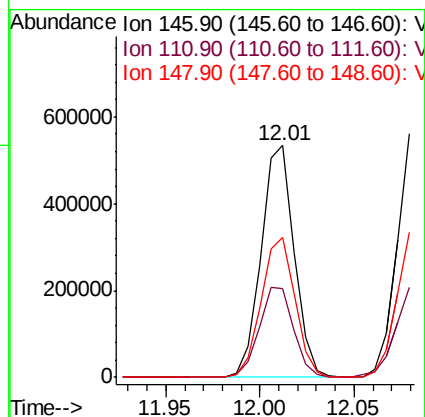
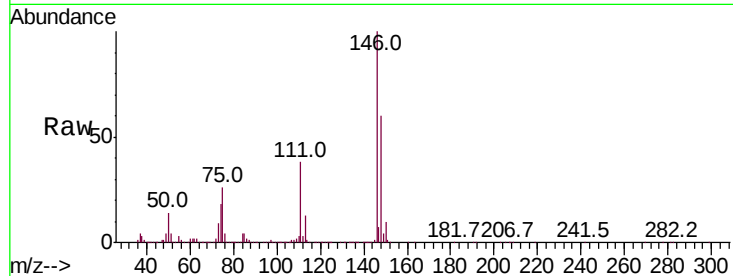
Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 651473

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.8
148	61.5	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 49.475 ug/l

RT: 12.08 min Scan# 1803

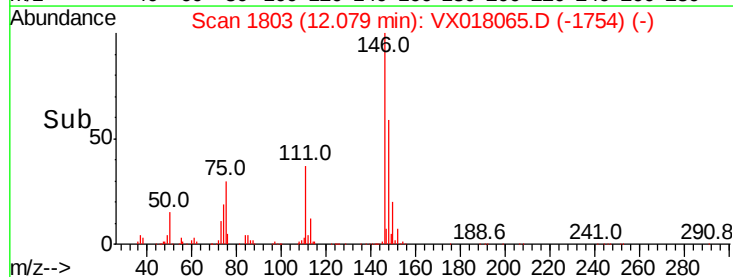
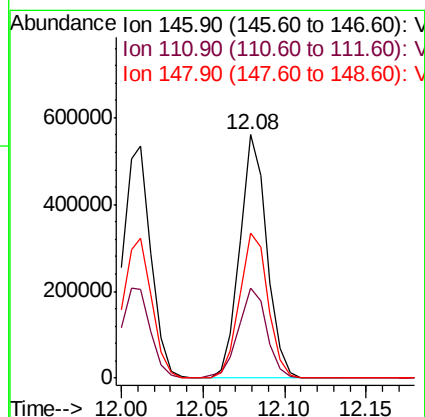
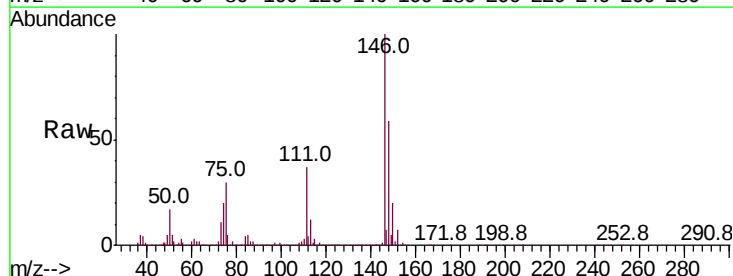
Delta R.T. -0.00 min

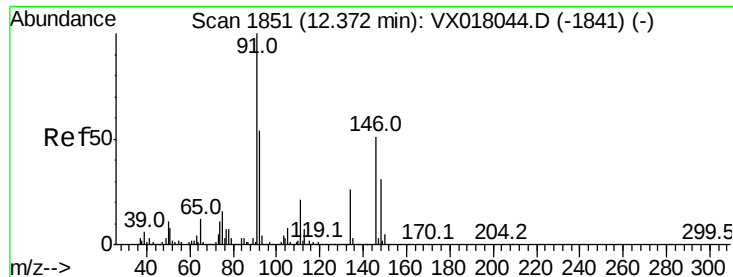
Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Tgt Ion:146 Resp: 646744

Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.8
148	62.9	33.1	99.2

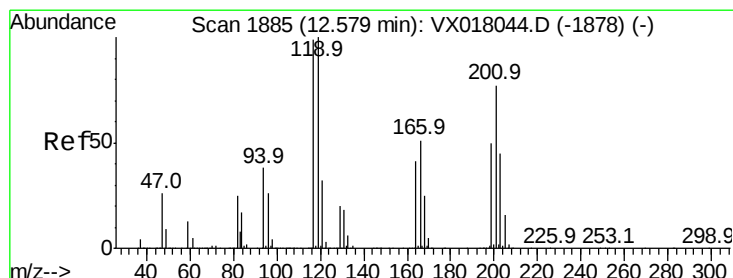
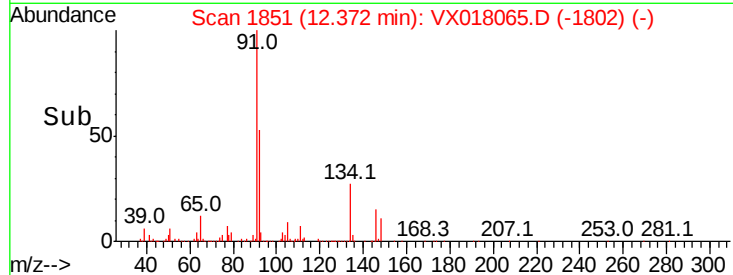
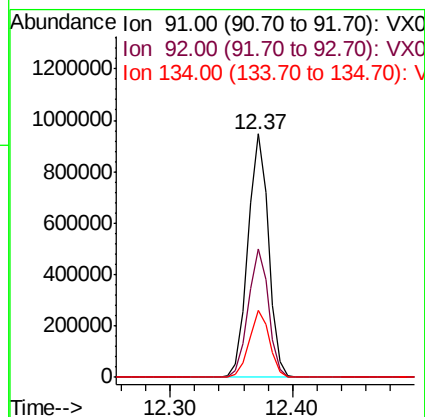
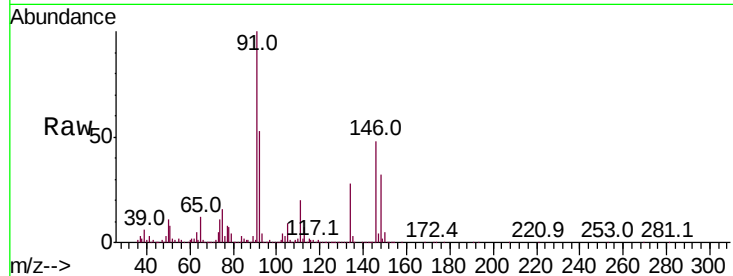




#89
n-Butylbenzene
Concen: 53.036 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

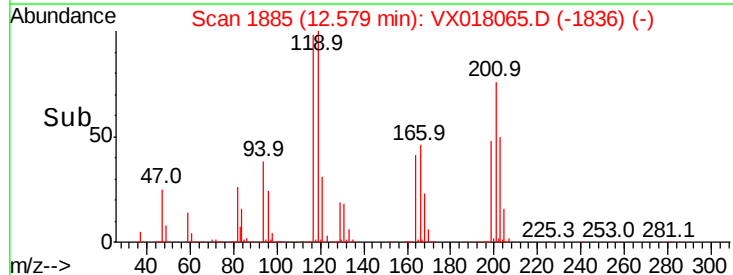
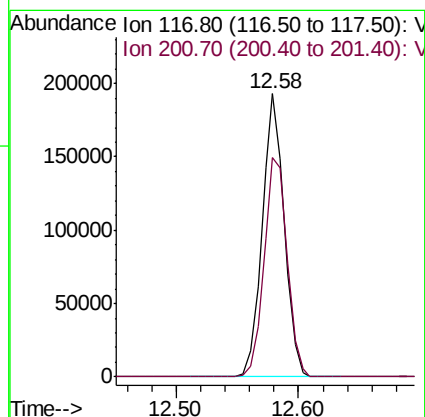
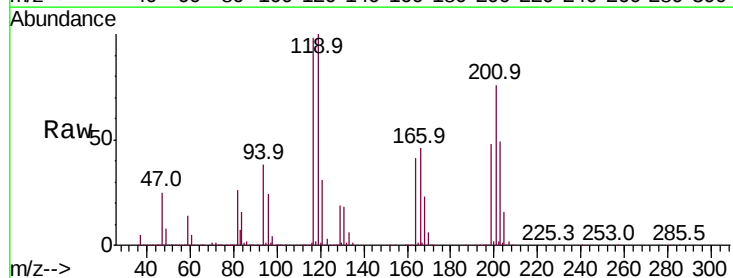
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

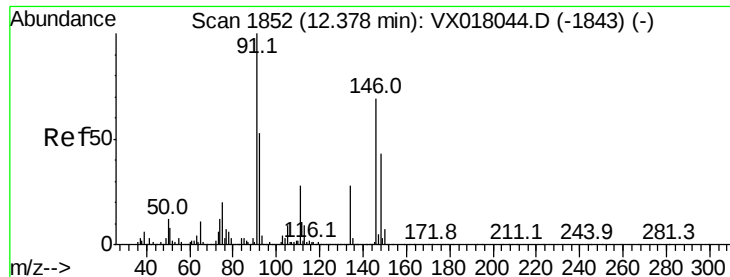
Tot Ion: 91 Resp: 1103116
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 27.0 12.9 38.7



#90
Hexachloroethane
Concen: 54.187 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018065.D
Acq: 26 Aug 2020 09:59

Tgt Ion: 117 Resp: 242951
Ion Ratio Lower Upper
117 100
201 81.0 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 49.424 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

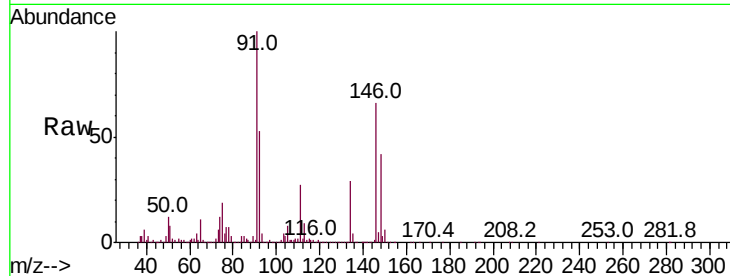
Tot Ion:146 Resp: 607392

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

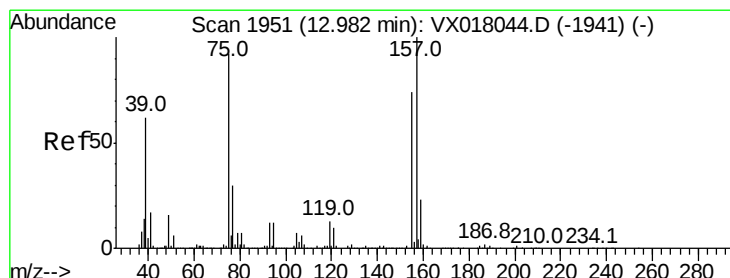
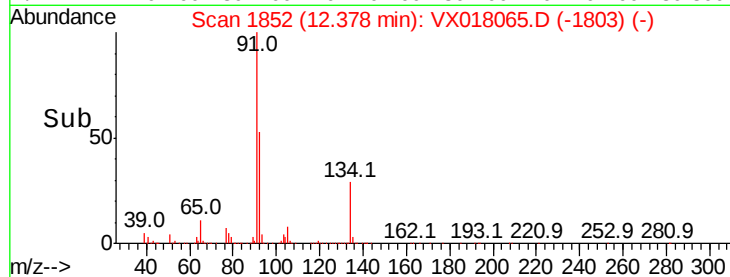
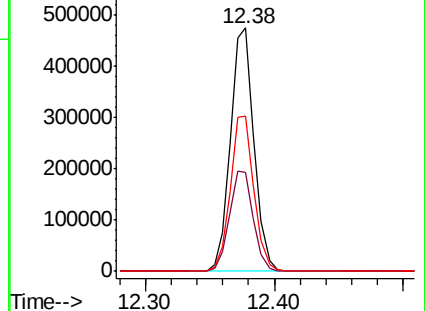
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.000 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

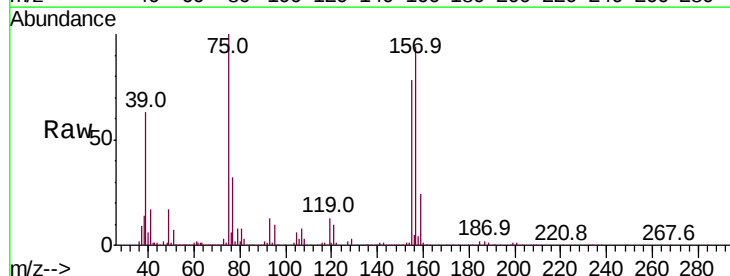
Tgt Ion: 75 Resp: 102031

Ion Ratio Lower Upper

75 100

155 84.3 40.2 120.6

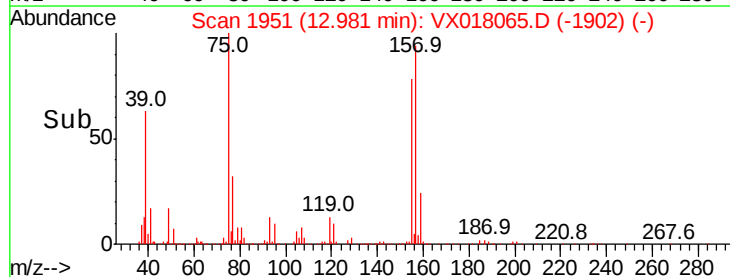
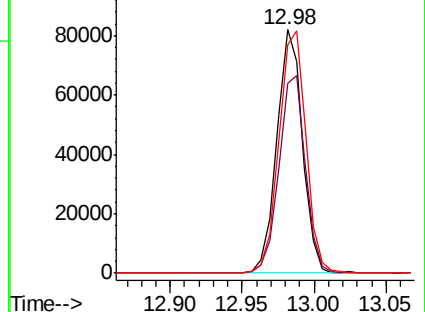
157 105.0 55.0 165.2

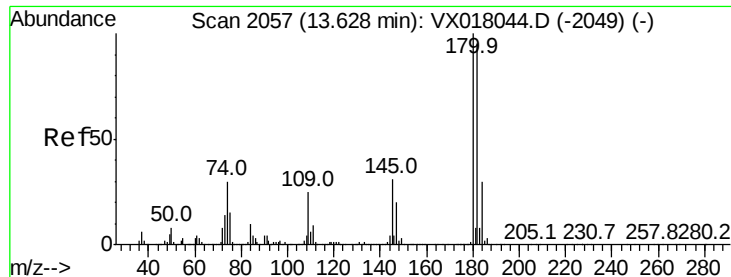


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

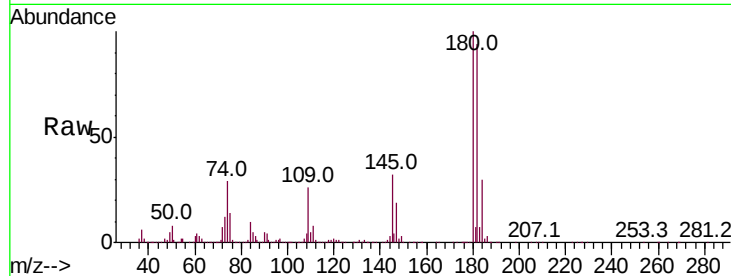




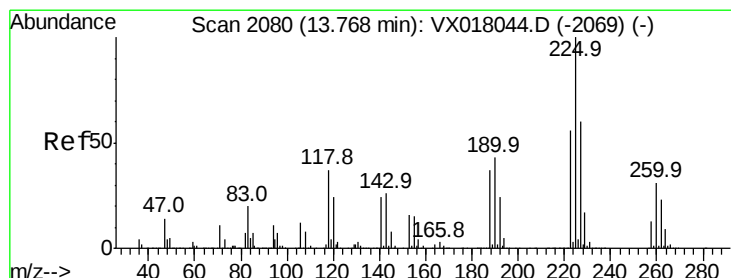
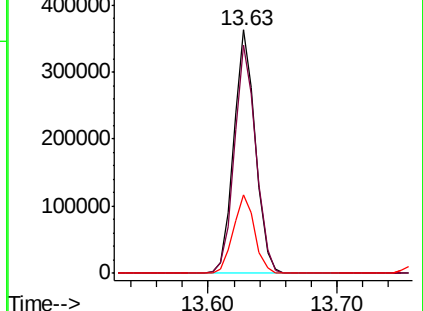
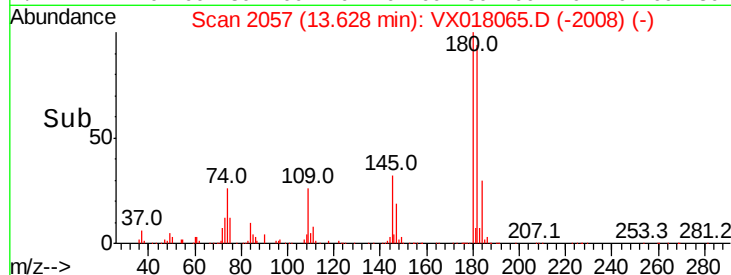
#93
 1,2,4-Trichlorobenzene
 Concen: 51.678 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.6
145	32.0	15.7	47.1

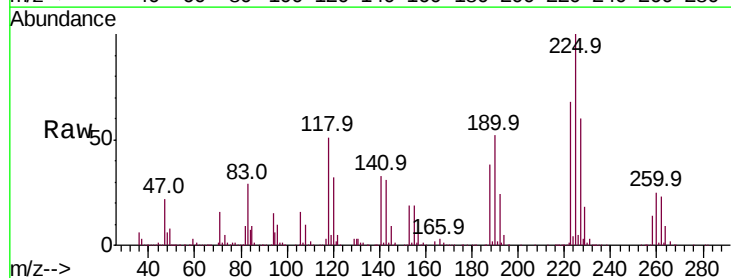


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

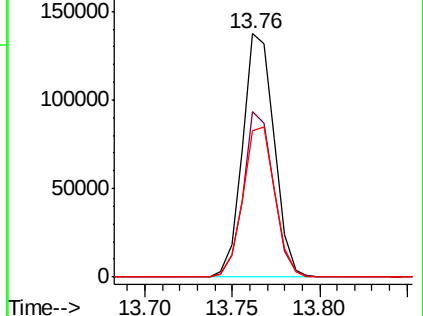
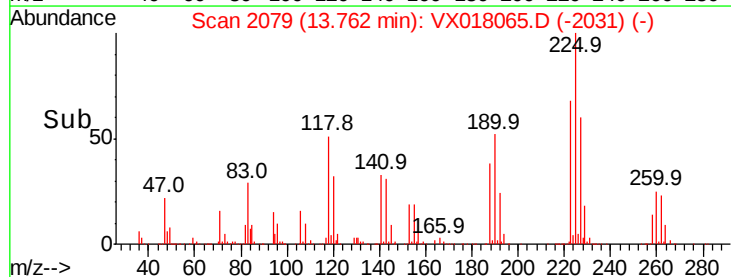


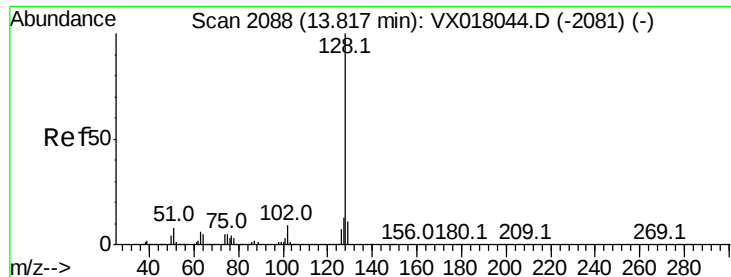
#94
 Hexachlorobutadiene
 Concen: 53.202 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018065.D
 Acq: 26 Aug 2020 09:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.7	92.1
227	62.5	32.6	97.8



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: 48.788 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

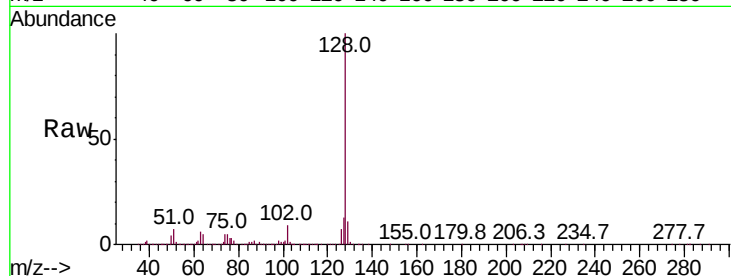
Tot Ion:128 Resp: 1315815

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

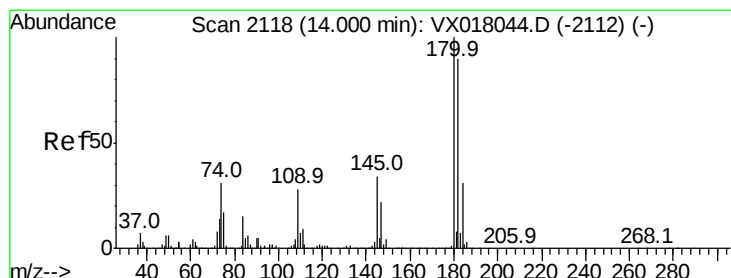
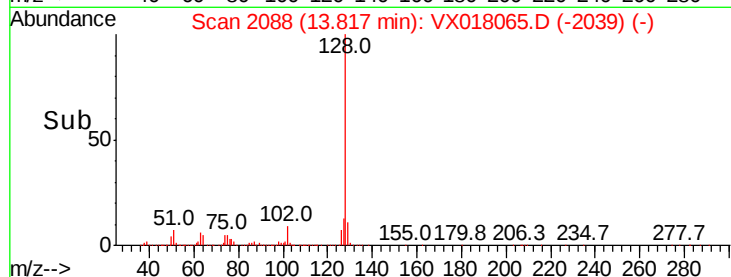
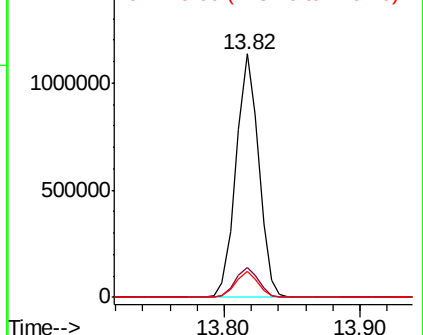
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.451 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018065.D

Acq: 26 Aug 2020 09:59

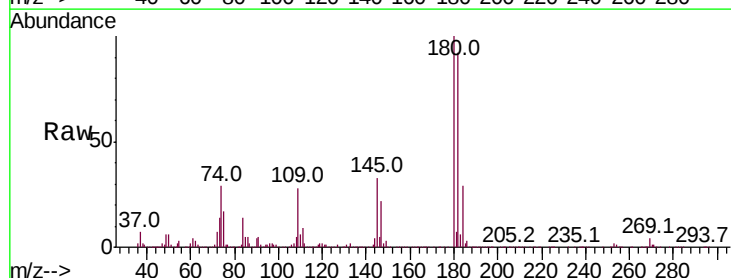
Tgt Ion:180 Resp: 416618

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 32.5 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

