

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018178.D
 Acq On : 01 Sep 2020 09:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 02:46:40 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	5.62	168	459575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	691368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	681417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	366042	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	303846	47.62	ug/l	0.00
Spiked Amount						
			Recovery	=	95.24%	
35) Dibromofluoromethane	5.46	113	238555	50.66	ug/l	-0.01
Spiked Amount						
			Recovery	=	101.32%	
50) Toluene-d8	8.70	98	858006	48.92	ug/l	0.00
Spiked Amount						
			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.12	95	355687	51.55	ug/l	0.00
Spiked Amount						
			Recovery	=	103.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	300671	53.735	ug/l	99
3) Chloromethane	1.31	50	282673	47.918	ug/l	99
4) Vinyl Chloride	1.39	62	281939	48.011	ug/l	97
5) Bromomethane	1.62	94	167451	59.119	ug/l	98
6) Chloroethane	1.70	64	167545	53.121	ug/l	98
7) Trichlorofluoromethane	1.91	101	454443	56.753	ug/l	99
8) Diethyl Ether	2.17	74	141215	52.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	226398	52.298	ug/l	97
10) Methyl Iodide	2.49	142	264147	56.288	ug/l	98
11) Tert butyl alcohol	3.02	59	282102	227.407	ug/l	98
12) 1,1-Dichloroethene	2.36	96	213456	47.528	ug/l	96
13) Acrolein	2.27	56	130454	253.618	ug/l	100
14) Allyl chloride	2.70	41	409964	50.807	ug/l	97
15) Acrylonitrile	3.11	53	657384	233.614	ug/l	99
16) Acetone	2.42	43	549540	221.048	ug/l	94
17) Carbon Disulfide	2.54	76	628535	46.294	ug/l	99
18) Methyl Acetate	2.75	43	308947	51.498	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	804932	52.260	ug/l	98
20) Methylene Chloride	2.83	84	256594	50.490	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	248449	49.931	ug/l	99
22) Diisopropyl ether	3.82	45	799107	50.177	ug/l	98
23) Vinyl Acetate	3.78	43	3594345	253.643	ug/l	99
24) 1,1-Dichloroethane	3.67	63	453866	50.064	ug/l	98
25) 2-Butanone	4.64	43	903646	221.170	ug/l	99
26) 2,2-Dichloropropane	4.54	77	442086	59.934	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	281286	49.064	ug/l	99
28) Bromochloromethane	4.97	49	194350	44.413	ug/l	95
29) Tetrahydrofuran	5.09	42	577404	222.000	ug/l	98
30) Chloroform	5.17	83	478666	50.992	ug/l	99
31) Cyclohexane	5.54	56	383196	50.179	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	455589	52.887	ug/l	99
36) 1,1-Dichloropropene	5.76	75	354716	55.626	ug/l	100
37) Ethyl Acetate	4.79	43	361793	48.849	ug/l	99
38) Carbon Tetrachloride	5.75	117	421780	58.692	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	395767	56.758	ug/l	97
40) Benzene	6.11	78	992187	52.952	ug/l	98
41) Methacrylonitrile	4.99	41	194591	47.851	ug/l	96
42) 1,2-Dichloroethane	6.16	62	405688	56.510	ug/l	97
43) Isopropyl Acetate	6.41	43	602240	50.344	ug/l	99
44) Trichloroethene	7.18	130	286799	54.170	ug/l	98
45) 1,2-Dichloropropane	7.49	63	269482	53.362	ug/l	95
46) Dibromomethane	7.63	93	185827	52.326	ug/l	97
47) Bromodichloromethane	7.87	83	396774	55.956	ug/l	98
48) Methyl methacrylate	7.74	41	300928	50.533	ug/l	99
49) 1,4-Dioxane	7.71	88	111296	1031.757	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1867360	252.709	ug/l	100
52) Toluene	8.76	92	642766	54.098	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	442817	56.346	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	456002	54.774	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	266165	52.526	ug/l	98
56) Ethyl methacrylate	9.16	69	404046	53.636	ug/l	98
57) 1,3-Dichloropropane	9.35	76	434696	52.010	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	819506	241.831	ug/l	98
59) 2-Hexanone	9.47	43	1463579	260.481	ug/l	100
60) Dibromochloromethane	9.56	129	330044	55.521	ug/l	100
61) 1,2-Dibromoethane	9.65	107	289570	52.635	ug/l	98
64) Tetrachloroethene	9.32	164	281412	56.199	ug/l	93
65) Chlorobenzene	10.12	112	720131	52.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	296162	55.214	ug/l	98
67) Ethyl Benzene	10.23	91	1269707	54.861	ug/l	99
68) m/p-Xylenes	10.34	106	982397	113.724	ug/l	99
69) o-Xylene	10.68	106	462935	55.282	ug/l	98
70) Styrene	10.70	104	810349	56.823	ug/l	99
71) Bromoform	10.84	173	257326	56.244	ug/l	# 99
73) Isopropylbenzene	11.00	105	1295105	53.640	ug/l	99
74) N-amyl acetate	10.88	43	553039	48.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	381776	44.823	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	489355	60.097	ug/l	85
77) Bromobenzene	11.24	156	336523	50.423	ug/l	97
78) n-propylbenzene	11.34	91	1501330	54.763	ug/l	98
79) 2-Chlorotoluene	11.40	91	903729	53.356	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1117816	56.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	150186	49.815	ug/l	95
82) 4-Chlorotoluene	11.49	91	1078950	53.585	ug/l	99
83) tert-Butylbenzene	11.76	119	1075956	54.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1132454	55.827	ug/l	100
85) sec-Butylbenzene	11.93	105	1265971	56.855	ug/l	99
86) p-Isopropyltoluene	12.05	119	1209546	59.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619872	52.900	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	617185	52.605	ug/l	97
89) n-Butylbenzene	12.37	91	1062207	56.899	ug/l	98
90) Hexachloroethane	12.58	117	230666	57.321	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	583284	52.881	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98369	46.190	ug/l	95

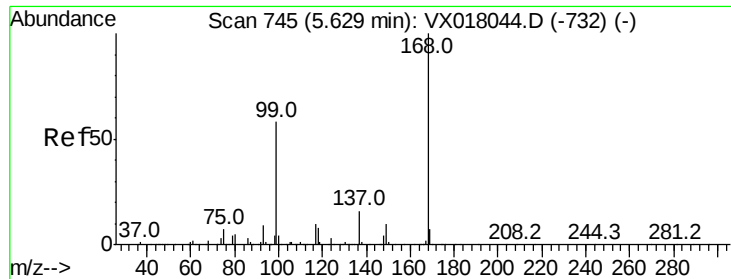
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	400092	54.396	ug/l	99
94) Hexachlorobutadiene	13.77	225	161537	55.681	ug/l	97
95) Naphthalene	13.82	128	1248629	51.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	399616	54.985	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

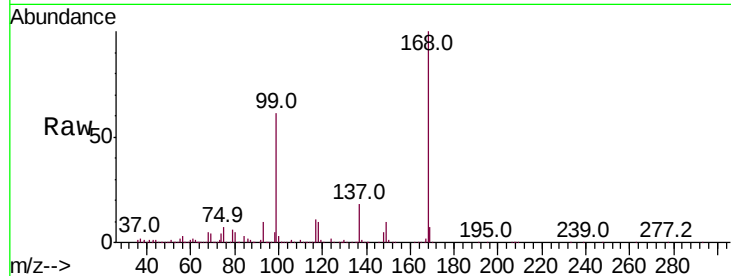
VSTDCCC050

Tot Ion:168 Resp: 459575

Ion Ratio Lower Upper

168 100

99 60.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

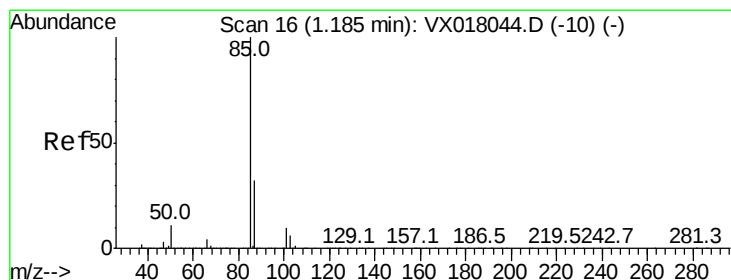
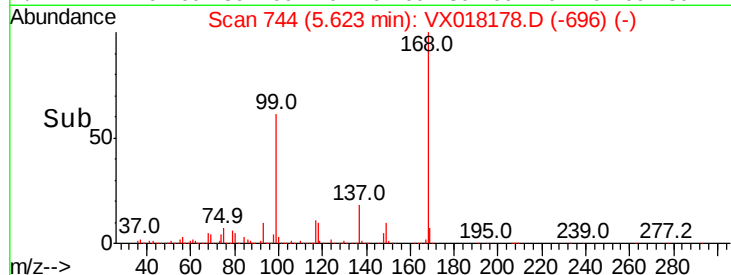
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.735 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018178.D

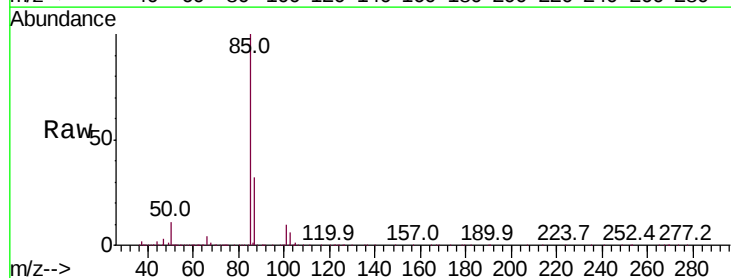
Acq: 01 Sep 2020 09:31

Tgt Ion: 85 Resp: 300671

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

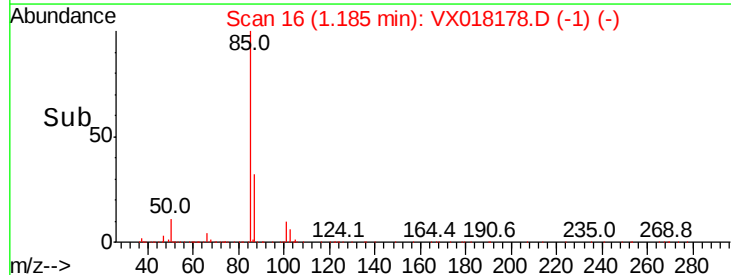
200000

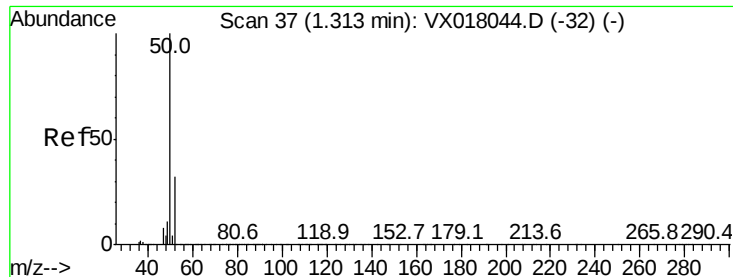
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.918 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

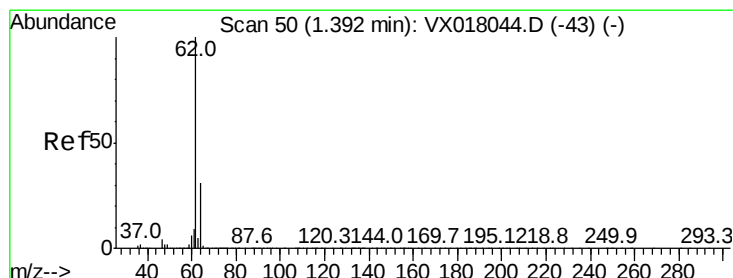
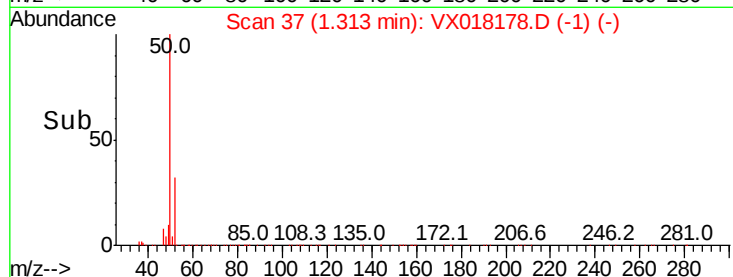
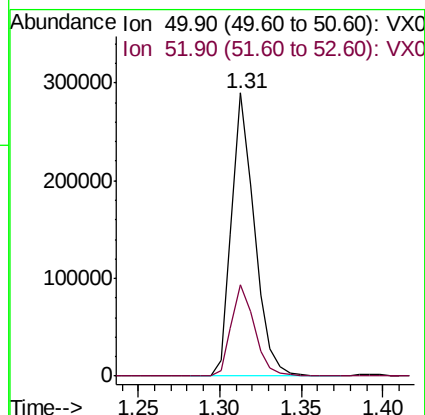
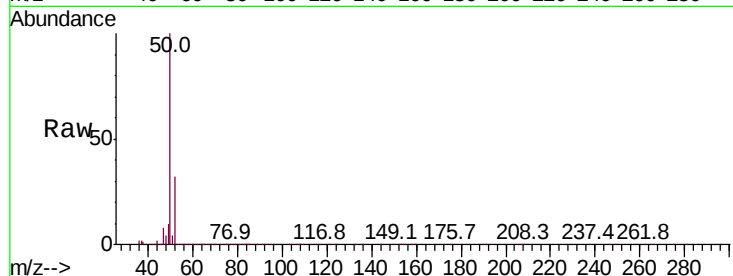
VSTDCCC050

Tot Ion: 50 Resp: 282673

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 48.011 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018178.D

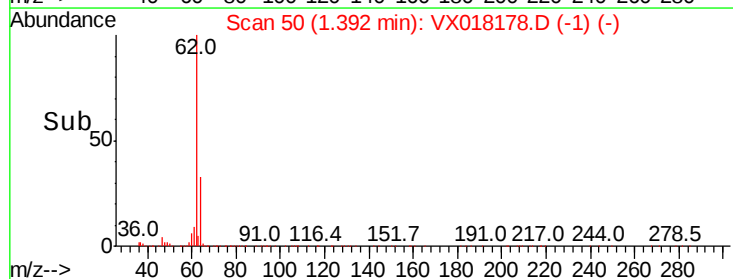
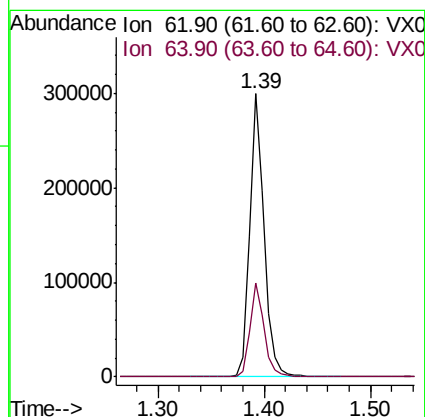
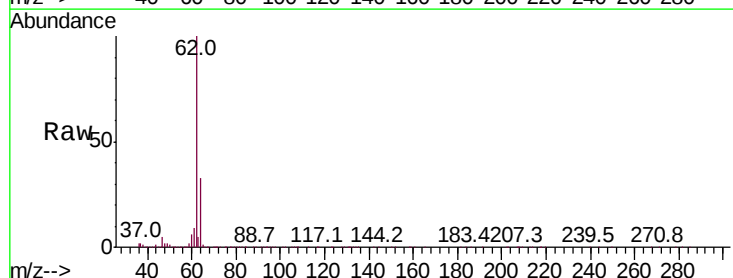
Acq: 01 Sep 2020 09:31

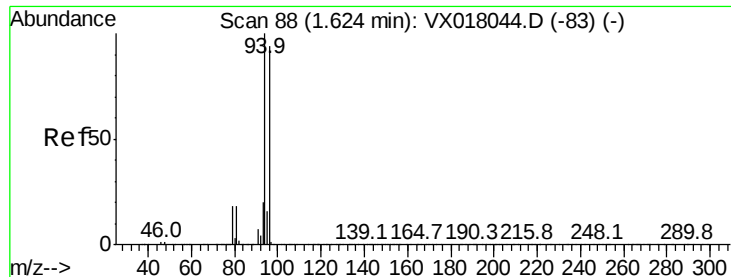
Tgt Ion: 62 Resp: 281939

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7





#5

Bromomethane

Concen: 59.119 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

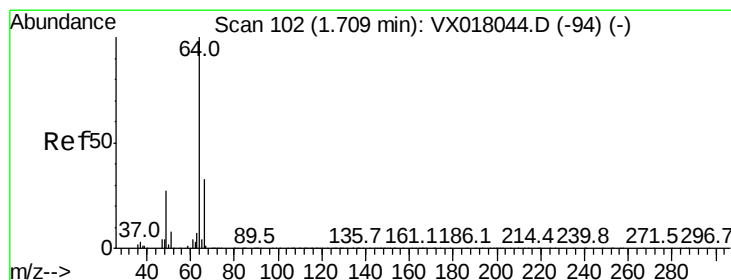
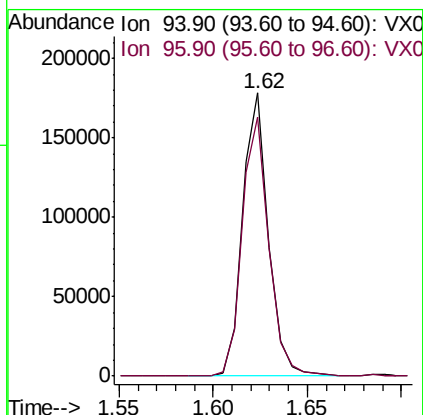
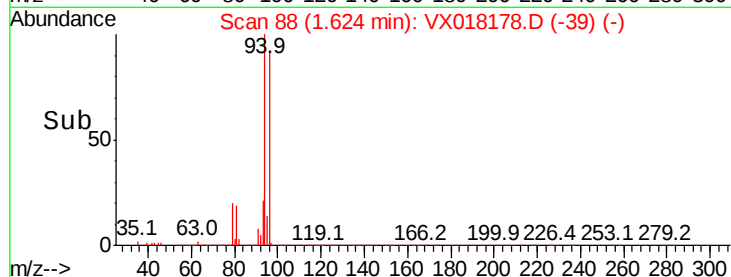
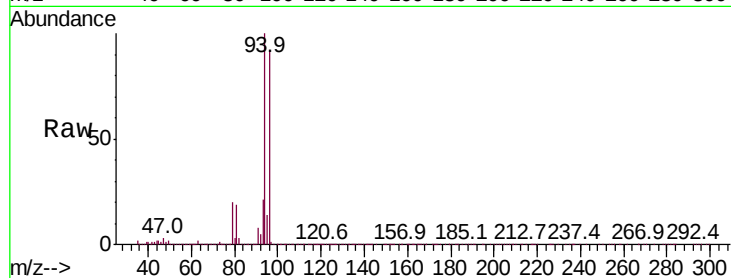
VSTDCCC050

Tot Ion: 94 Resp: 167451

Ion Ratio Lower Upper

94 100

96 91.5 74.8 112.2



#6

Chloroethane

Concen: 53.121 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018178.D

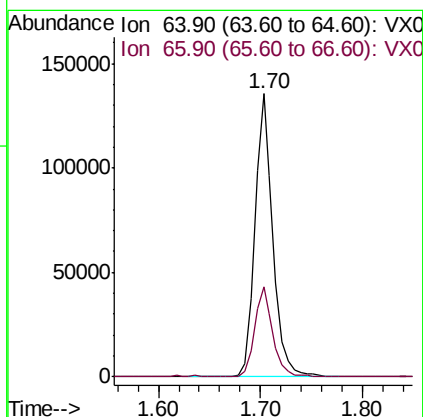
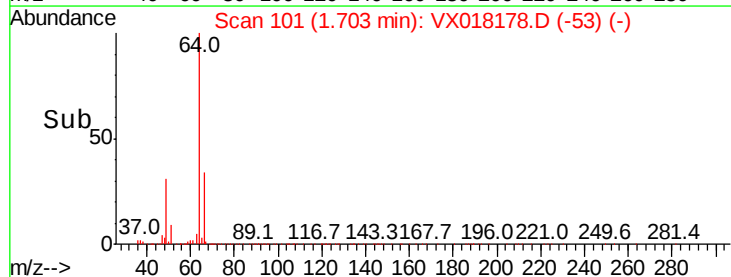
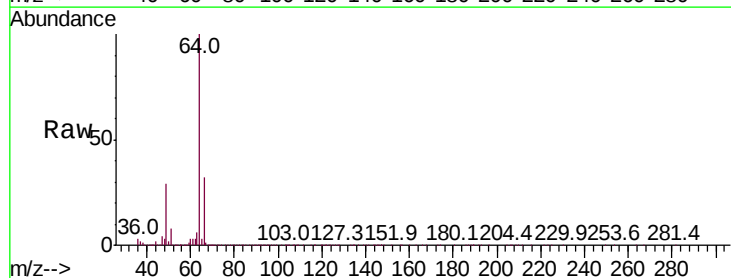
Acq: 01 Sep 2020 09:31

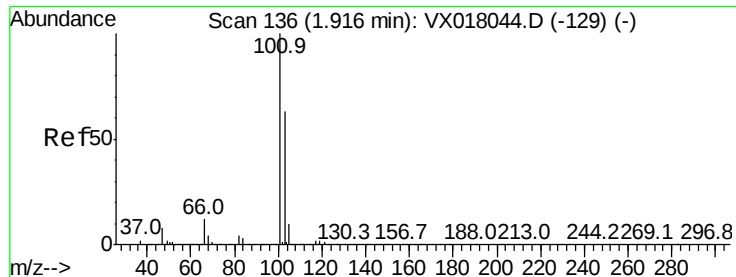
Tgt Ion: 64 Resp: 167545

Ion Ratio Lower Upper

64 100

66 31.8 26.6 39.8



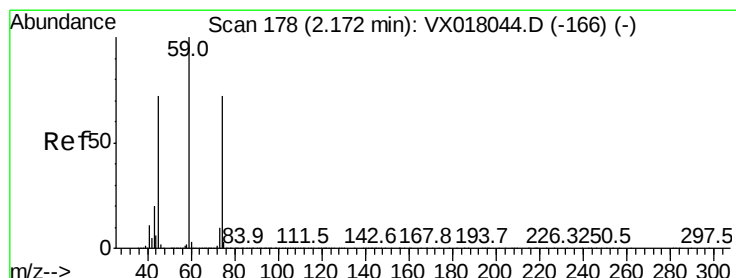
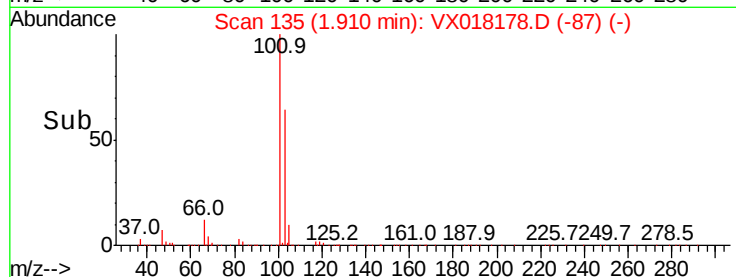
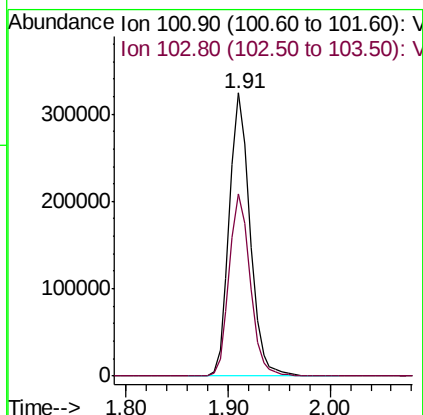
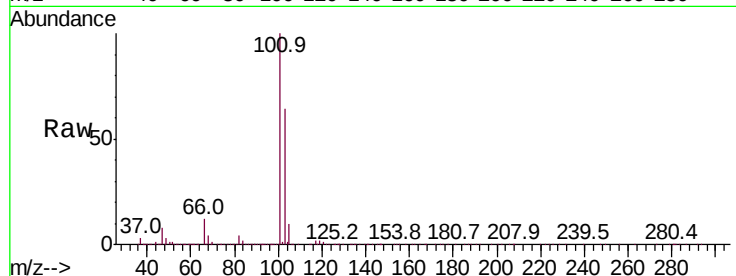


#7

Trichlorofluoromethane
Concen: 56.753 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

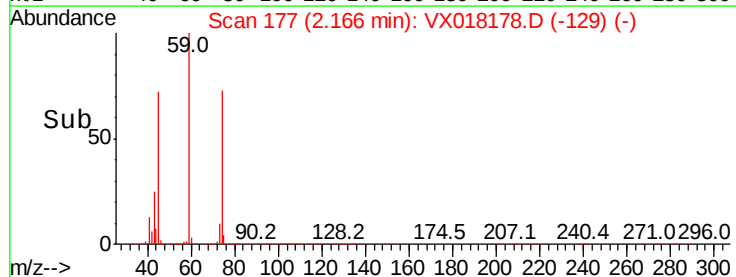
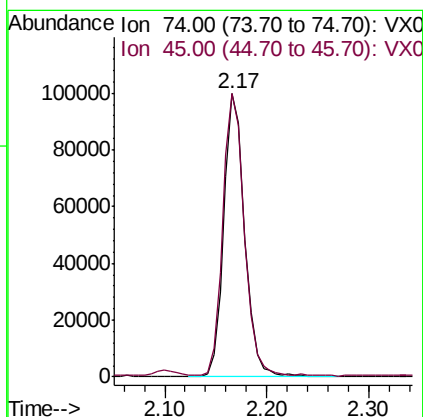
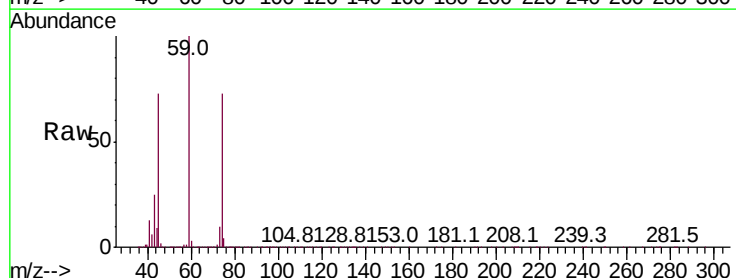
Tot Ion:101 Resp: 454443
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

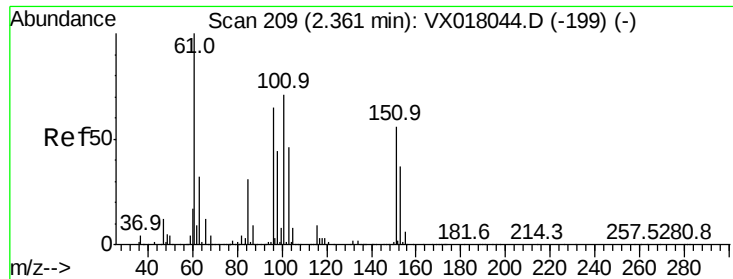


#8

Diethyl Ether
Concen: 52.003 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 74 Resp: 141215
Ion Ratio Lower Upper
74 100
45 101.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.298 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

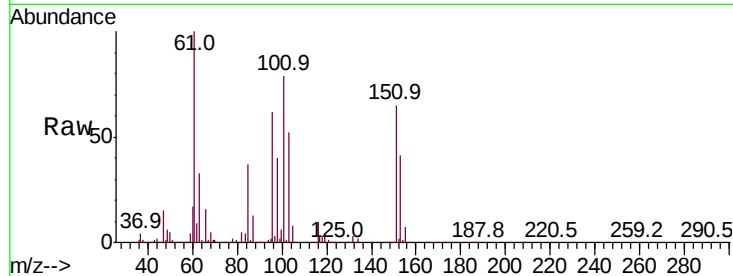
Tot Ion:101 Resp: 226398

Ion Ratio Lower Upper

101 100

85 45.7 34.0 51.0

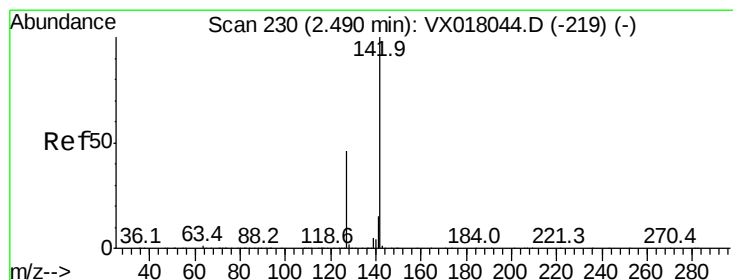
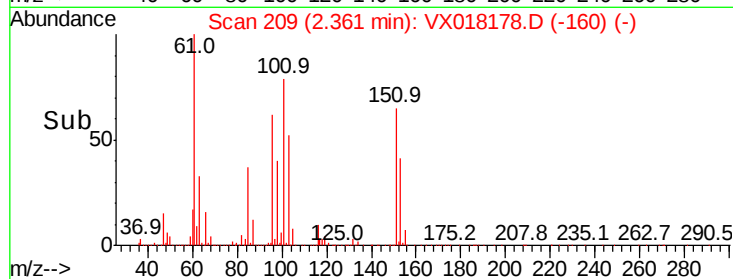
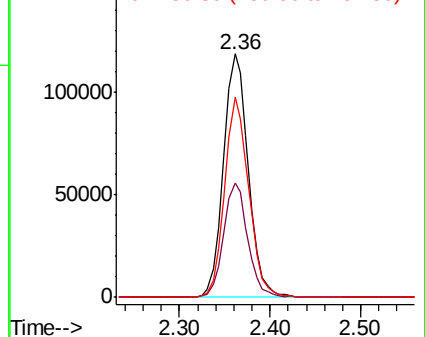
151 79.9 65.2 97.8



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: 56.288 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

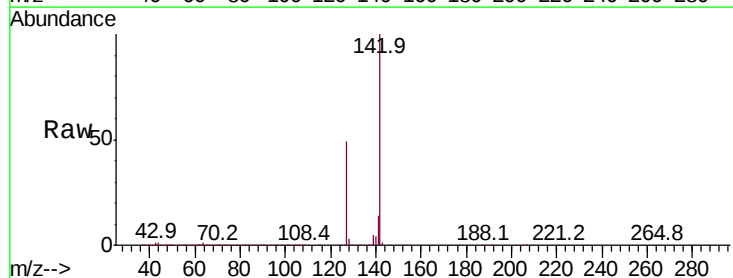
Tgt Ion:142 Resp: 264147

Ion Ratio Lower Upper

142 100

127 48.1 37.0 55.6

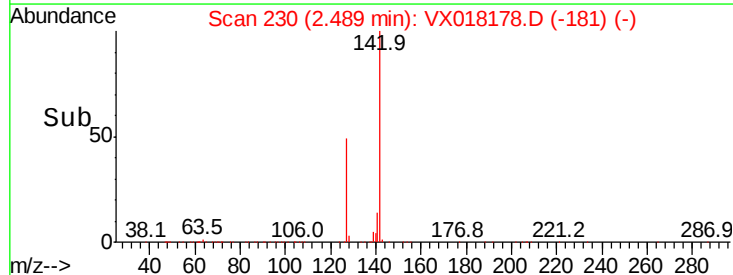
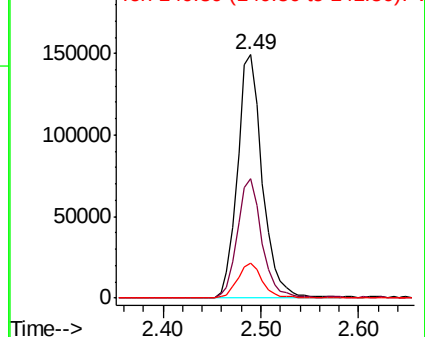
141 14.4 11.5 17.3

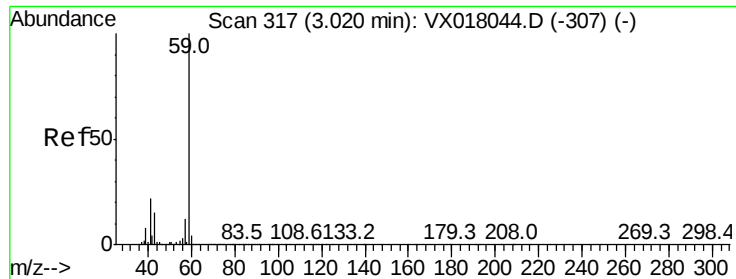


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

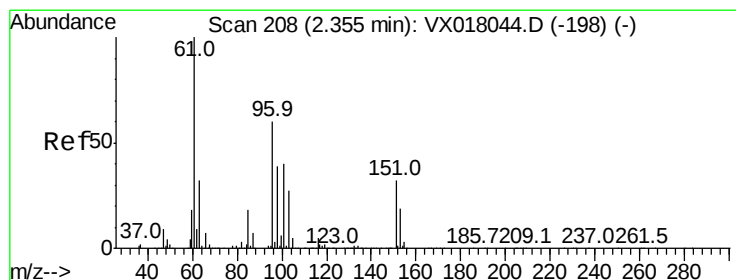
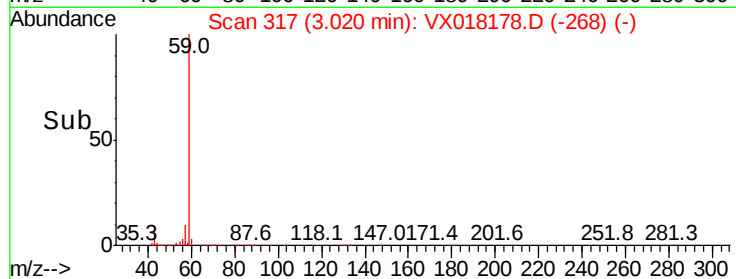
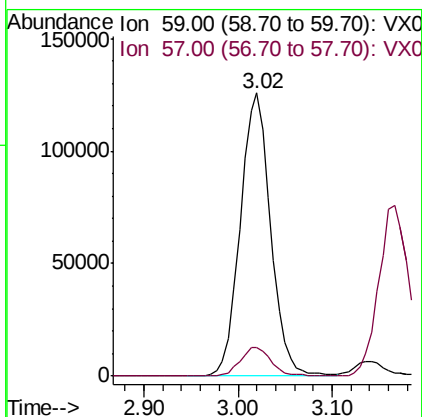
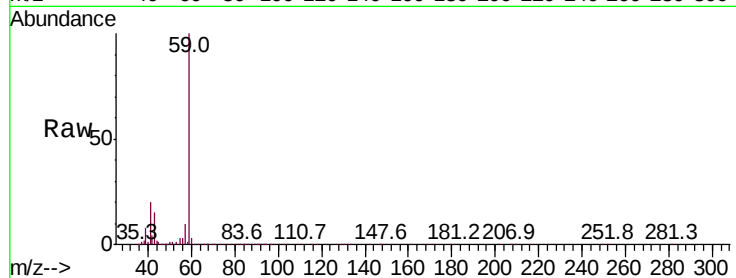




#11
Tert butyl alcohol
Concen: 227.407 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

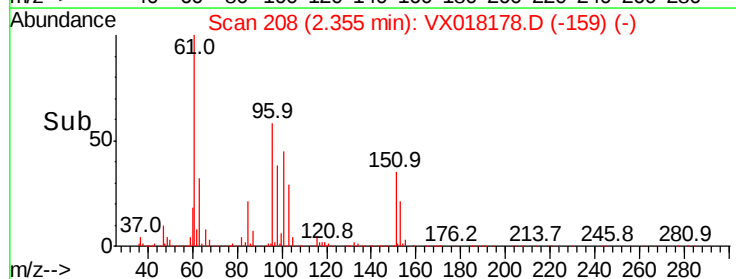
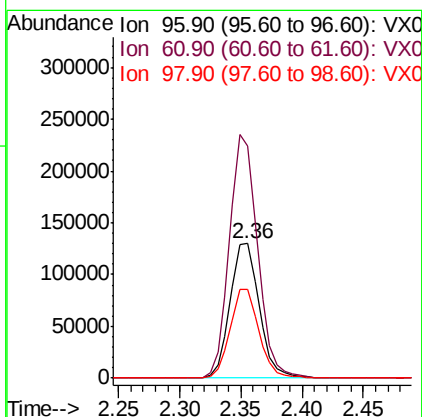
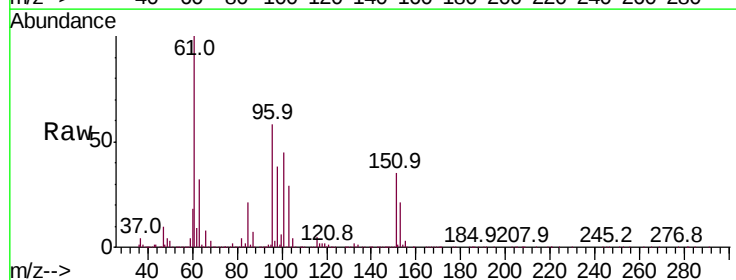
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

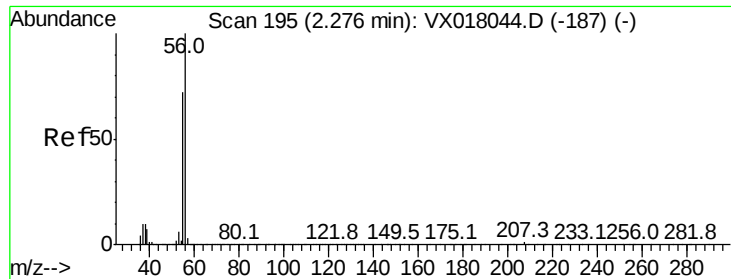
Tot Ion: 59 Resp: 282102
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3



#12
1,1-Dichloroethene
Concen: 47.528 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 96 Resp: 213456
Ion Ratio Lower Upper
96 100
61 172.7 133.0 199.4
98 66.3 51.6 77.4

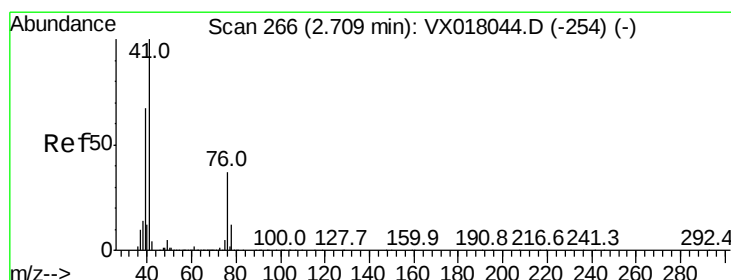
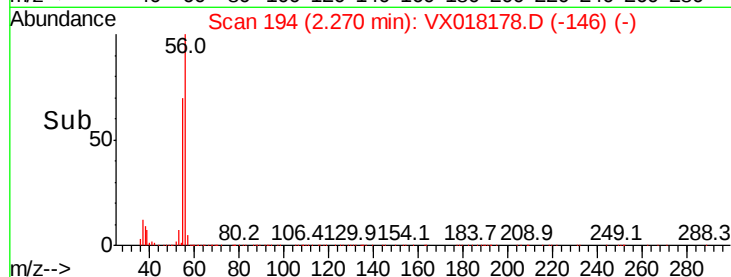
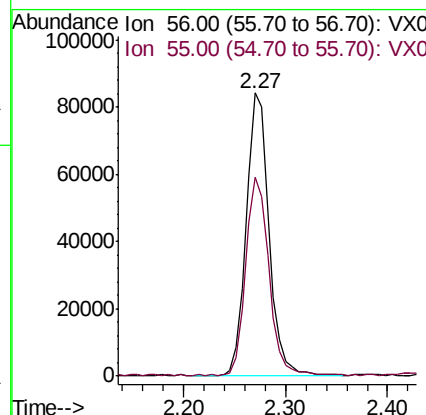
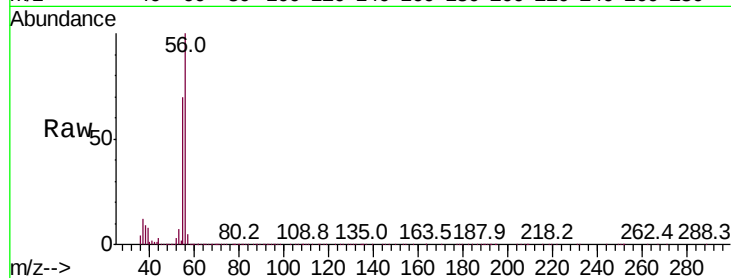




#13
Acrolein
Concen: 253.618 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

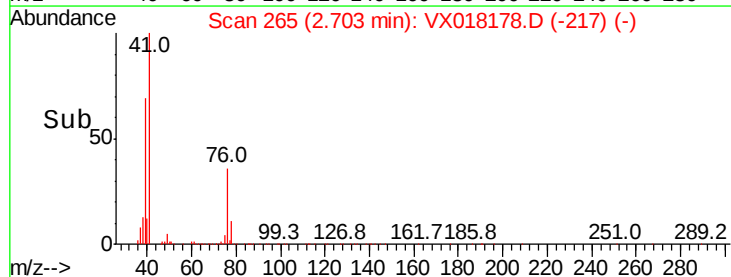
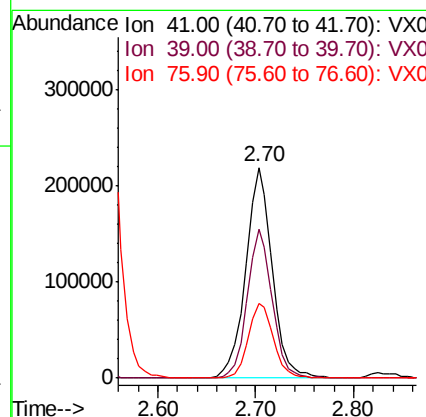
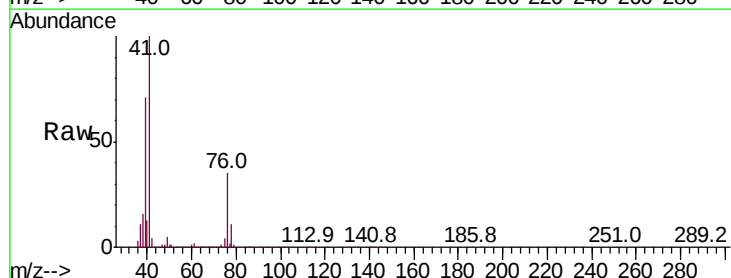
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

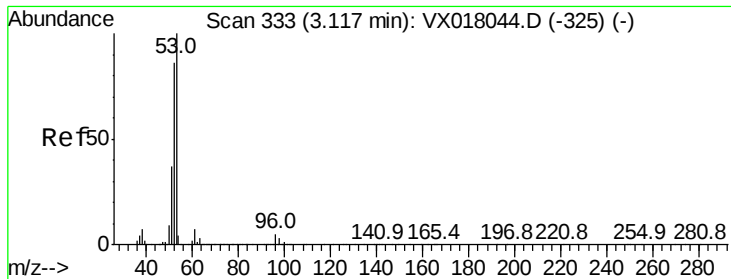
Tot Ion: 56 Resp: 130454
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.6



#14
Allyl chloride
Concen: 50.807 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 41 Resp: 409964
Ion Ratio Lower Upper
41 100
39 66.0 50.6 76.0
76 33.5 26.2 39.2





#15

Acrylonitrile

Concen: 233.614 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

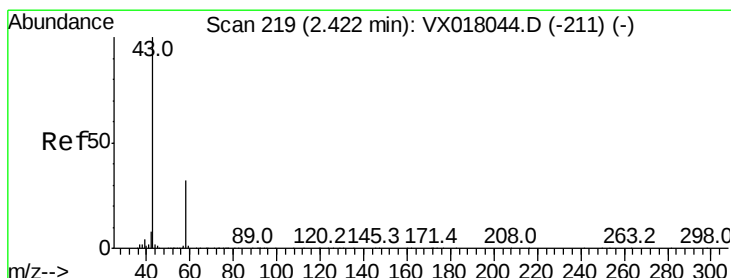
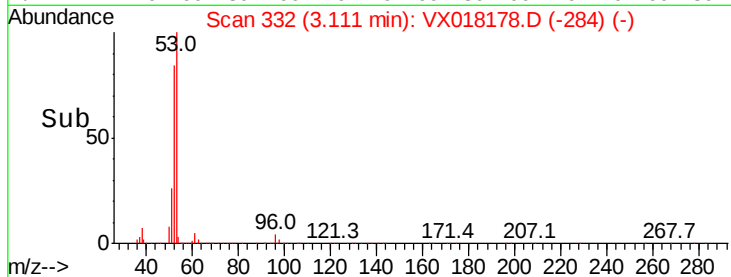
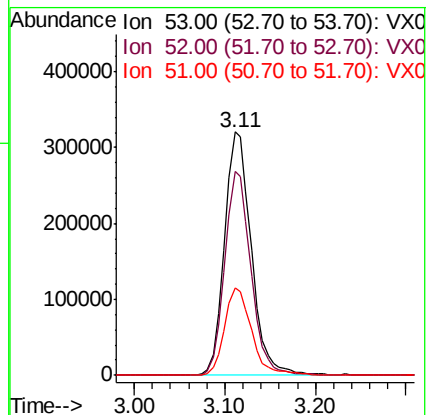
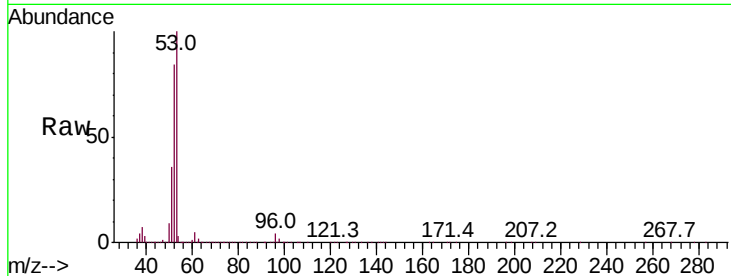
Tot Ion: 53 Resp: 657384

Ion Ratio Lower Upper

53 100

52 82.3 66.9 100.3

51 36.2 28.7 43.1



#16

Acetone

Concen: 221.048 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018178.D

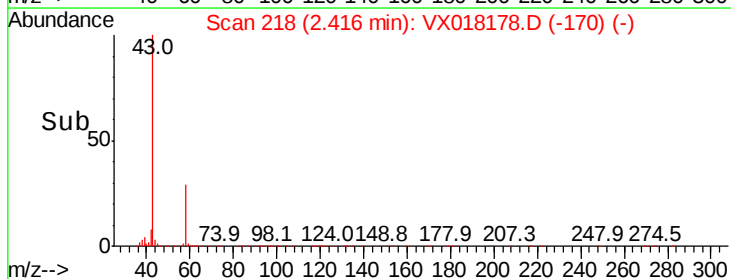
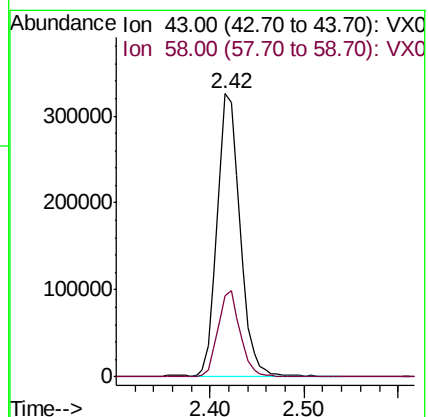
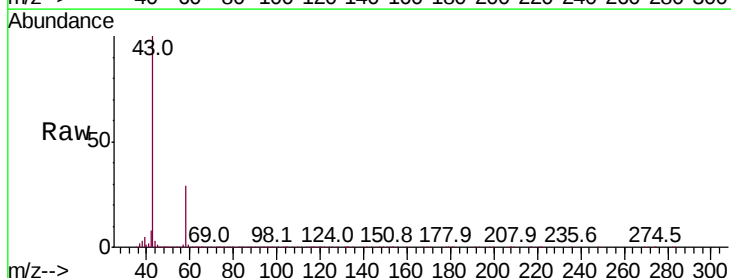
Acq: 01 Sep 2020 09:31

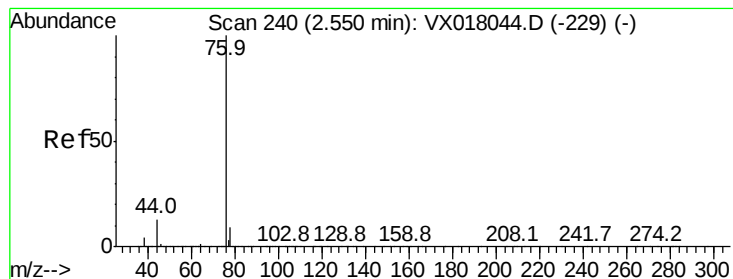
Tgt Ion: 43 Resp: 549540

Ion Ratio Lower Upper

43 100

58 28.5 25.5 38.3





#17

Carbon Disulfide

Concen: 46.294 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

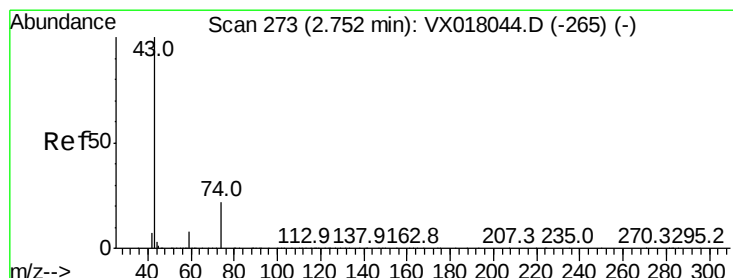
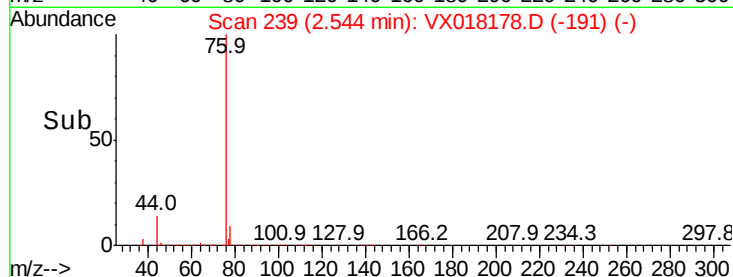
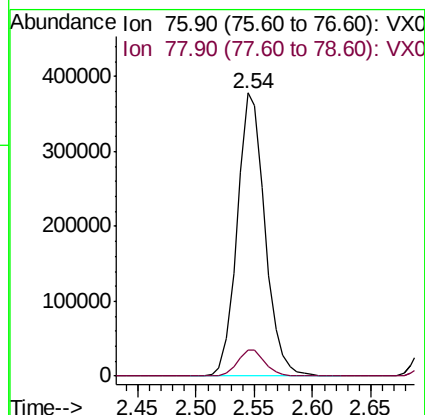
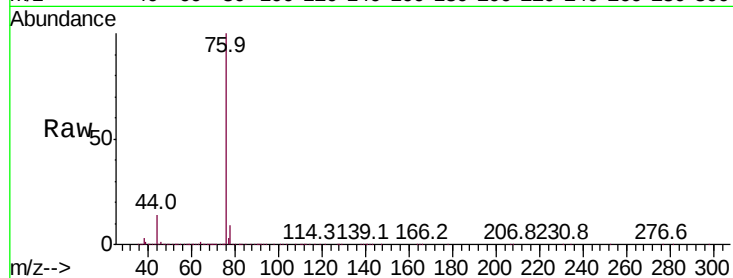
VSTDCCC050

Tot Ion: 76 Resp: 628535

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 51.498 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018178.D

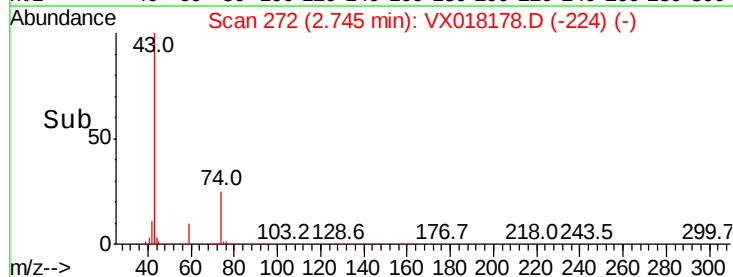
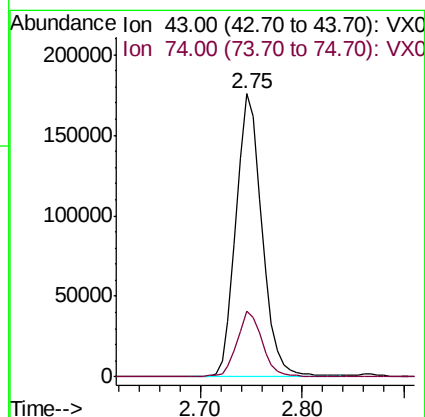
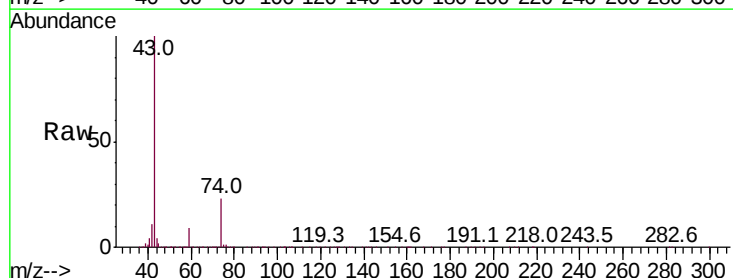
Acq: 01 Sep 2020 09:31

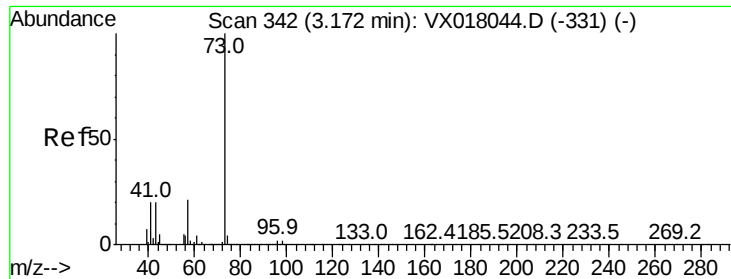
Tgt Ion: 43 Resp: 308947

Ion Ratio Lower Upper

43 100

74 22.7 18.2 27.4

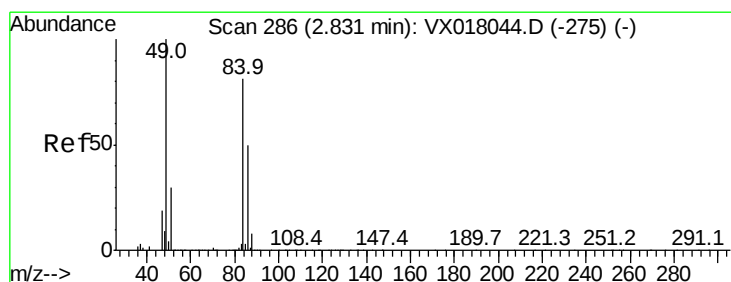
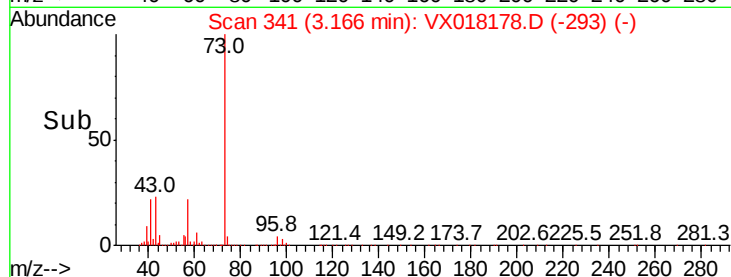
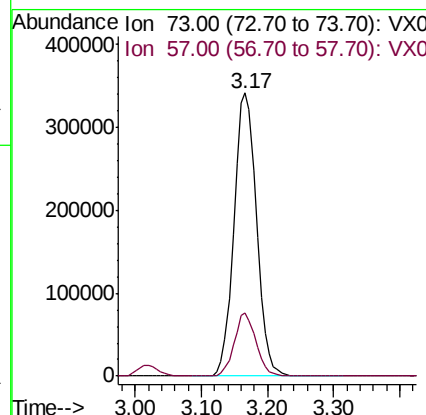
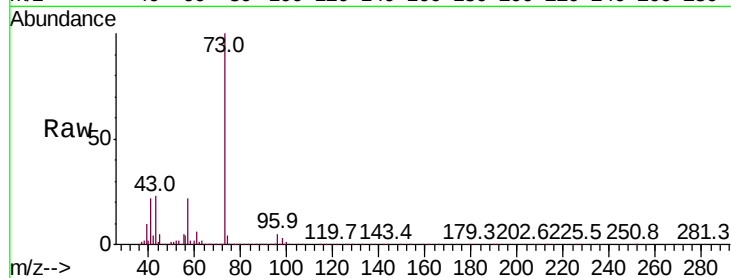




#19
Methvl tert-butvl Ether
Concen: 52.260 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

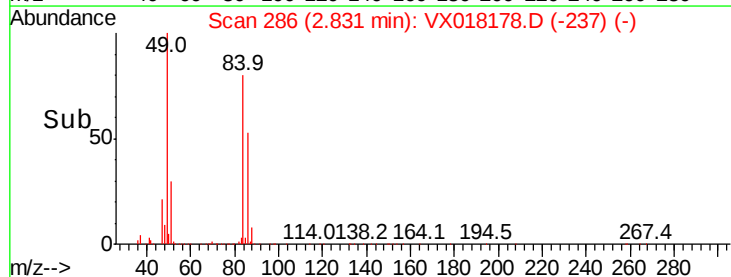
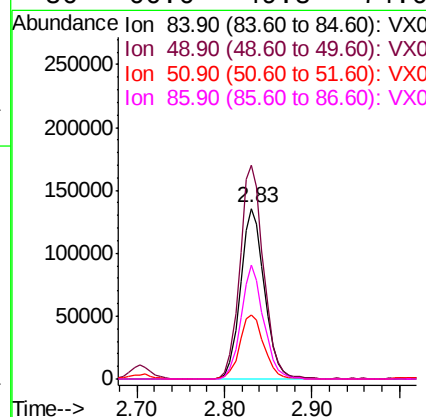
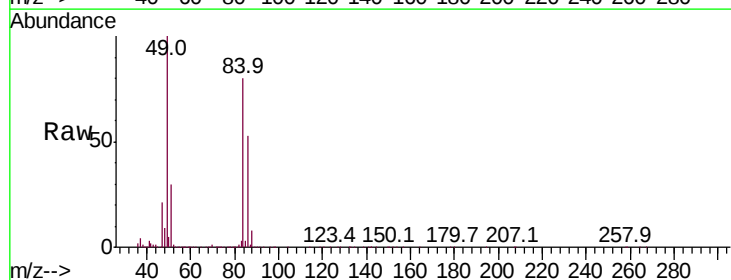
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

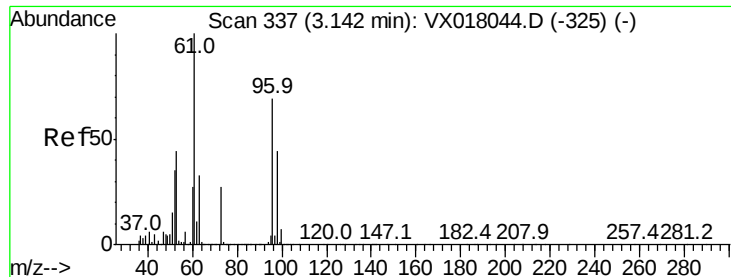
Tot Ion: 73 Resp: 804932
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 50.490 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 84 Resp: 256594
Ion Ratio Lower Upper
84 100
49 125.3 98.6 148.0
51 37.8 29.6 44.4
86 66.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 49.931 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

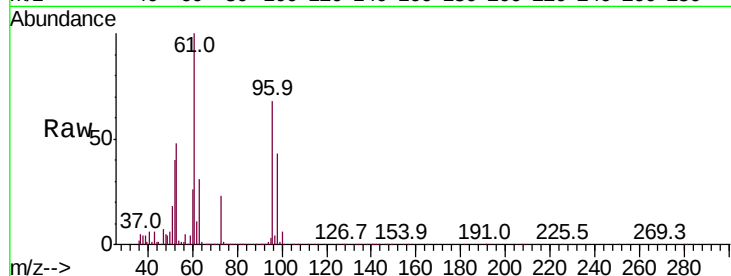
Tot Ion: 96 Resp: 248449

Ion Ratio Lower Upper

96 100

61 146.5 115.4 173.0

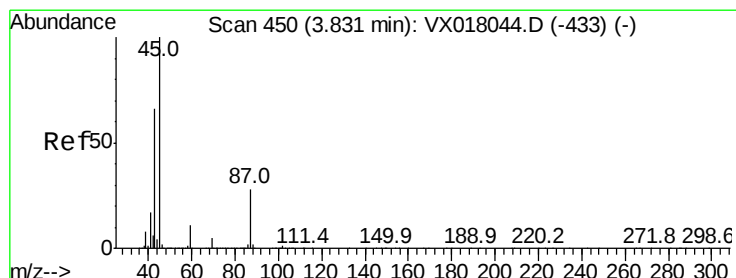
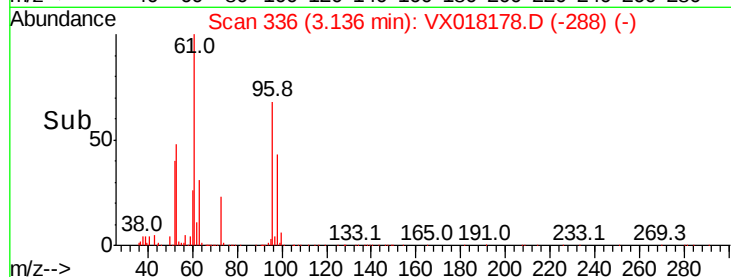
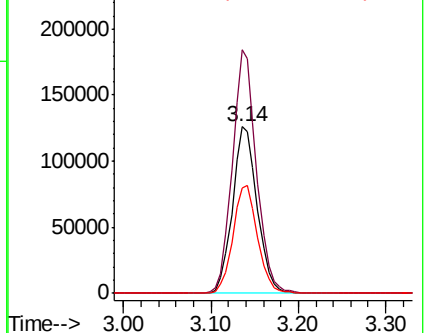
98 63.4 51.1 76.7



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: 50.177 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion: 45 Resp: 799107

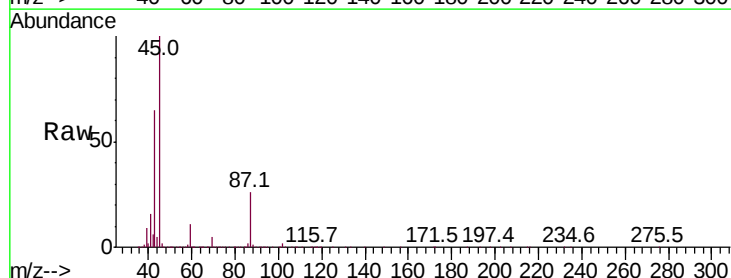
Ion Ratio Lower Upper

45 100

43 65.1 52.8 79.2

87 26.0 22.5 33.7

59 10.8 9.0 13.6

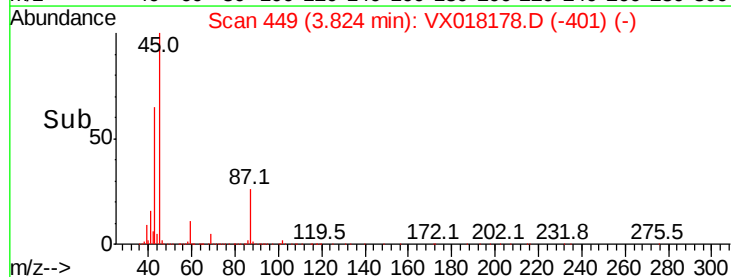
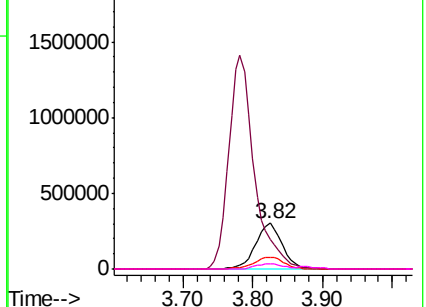


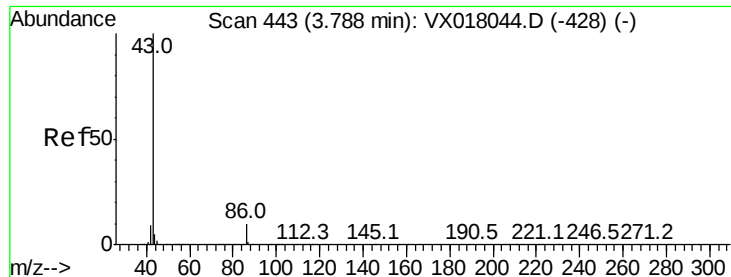
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 253.643 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

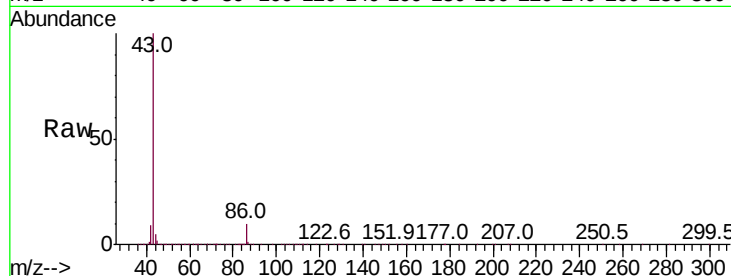
VSTDCCC050

Tot Ion: 43 Resp: 3594345

Ion Ratio Lower Upper

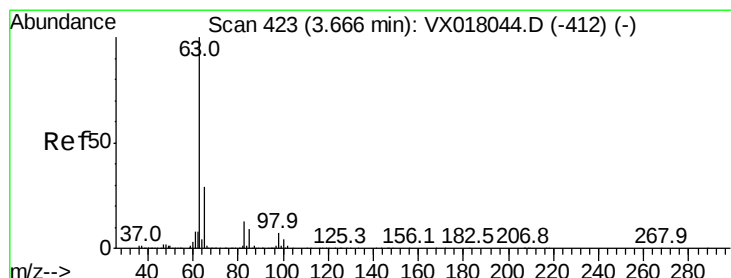
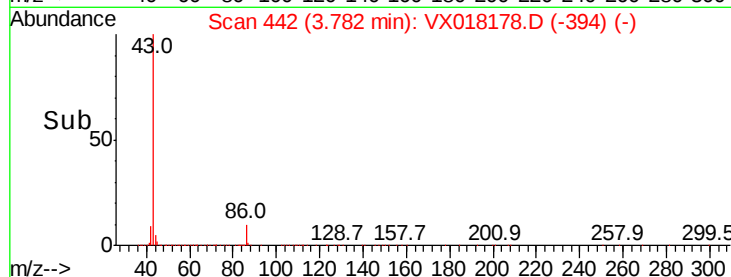
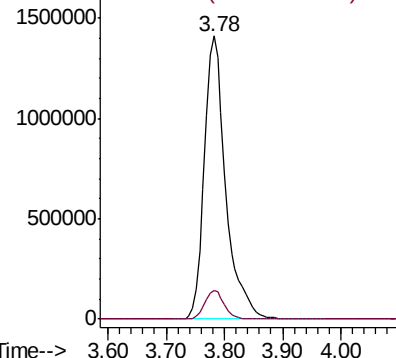
43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.064 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

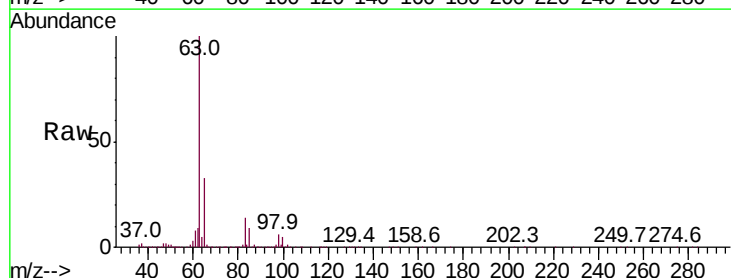
Tgt Ion: 63 Resp: 453866

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

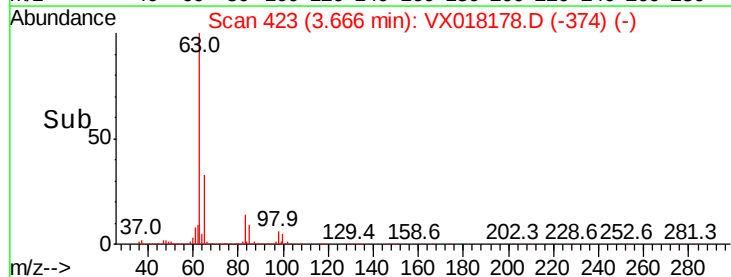
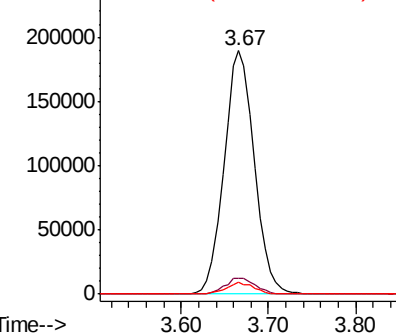
100 4.7 2.0 6.0

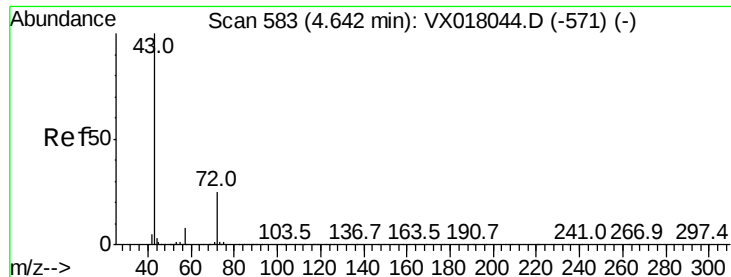


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 221.170 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

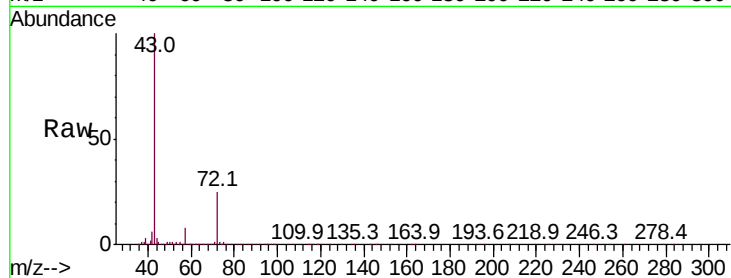
VSTDCCC050

Tot Ion: 43 Resp: 903646

Ion Ratio Lower Upper

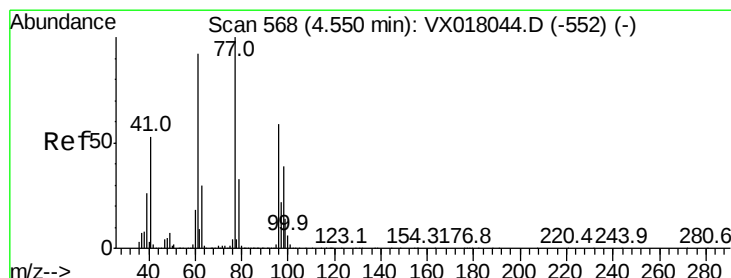
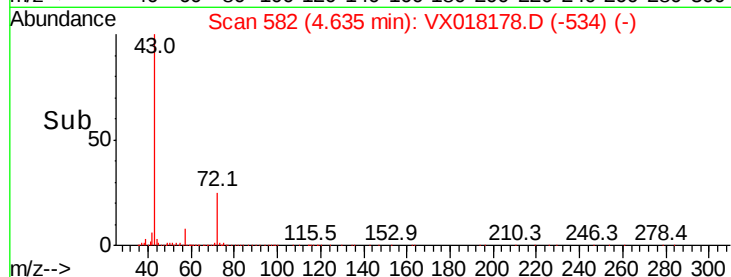
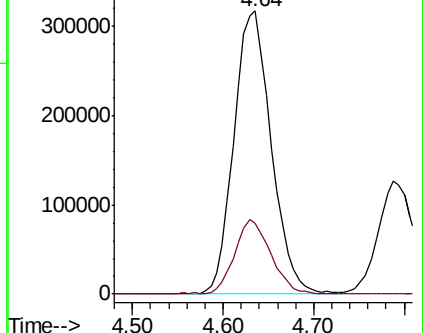
43 100

72 25.0 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 59.934 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018178.D

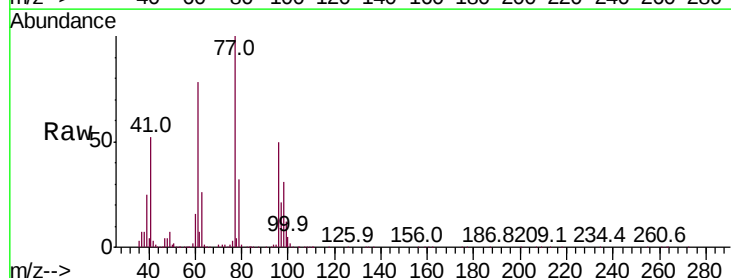
Acq: 01 Sep 2020 09:31

Tgt Ion: 77 Resp: 442086

Ion Ratio Lower Upper

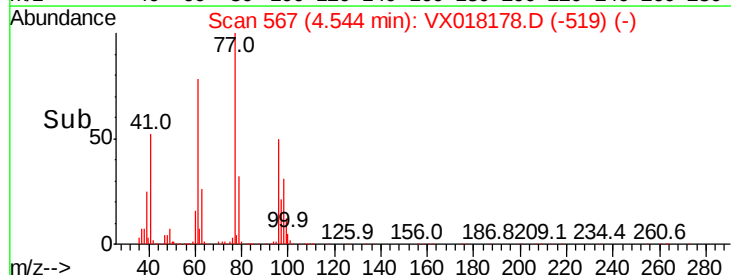
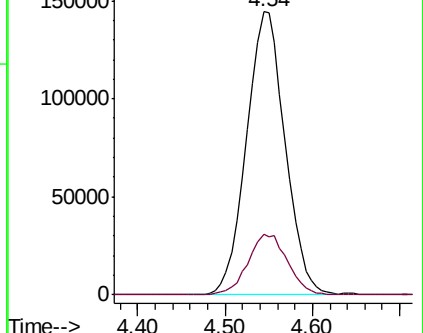
77 100

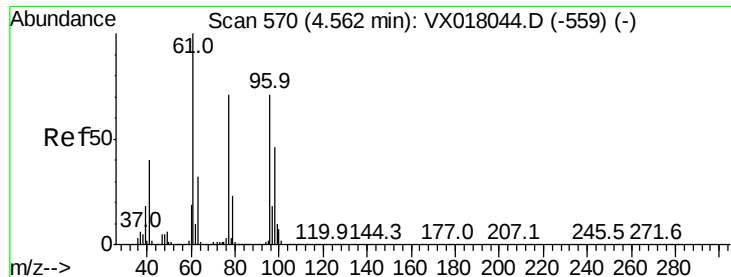
97 22.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



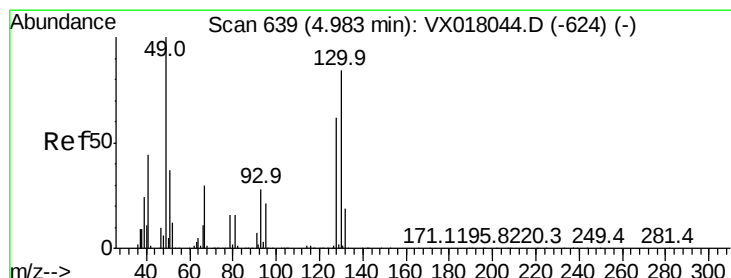
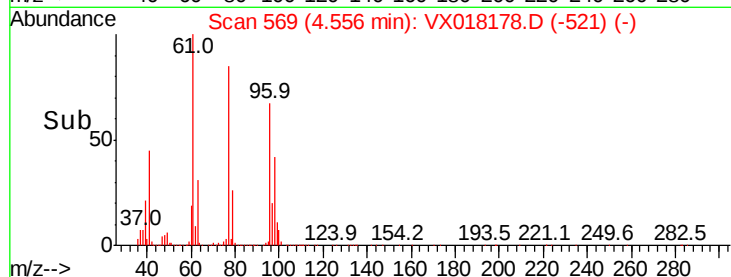
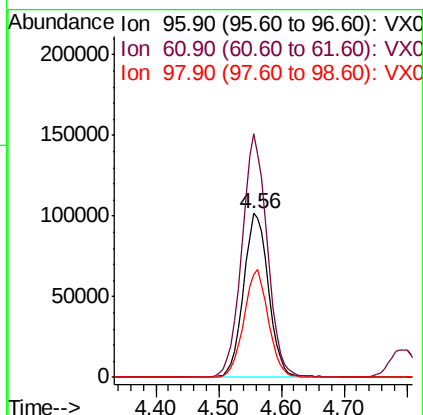
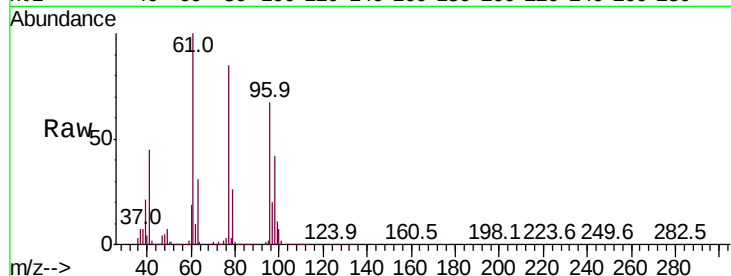


#27

cis-1,2-Dichloroethene
Concen: 49.064 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

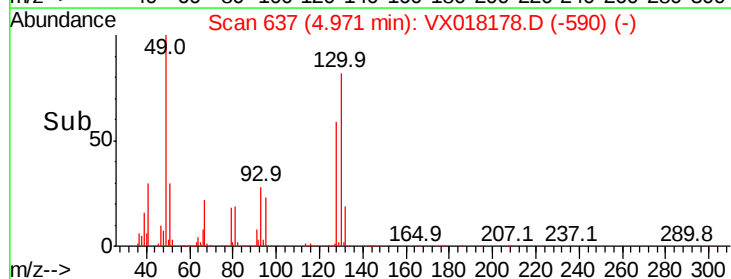
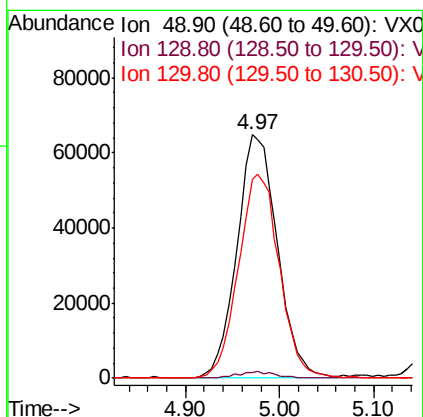
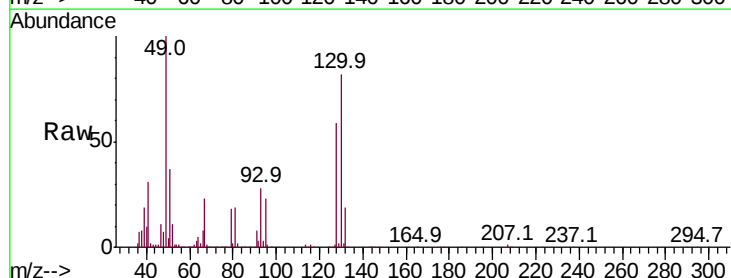
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	296.6
98	64.2	0.0	130.2

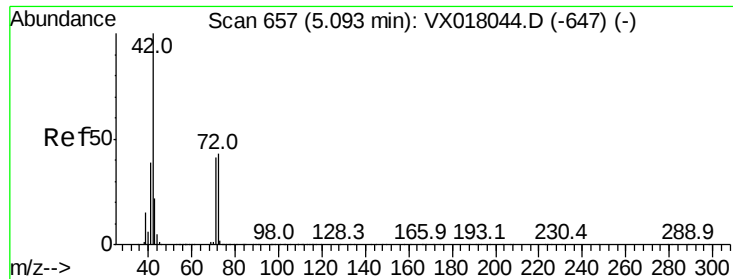


#28

Bromochloromethane
Concen: 44.413 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	85.1	64.6	96.8

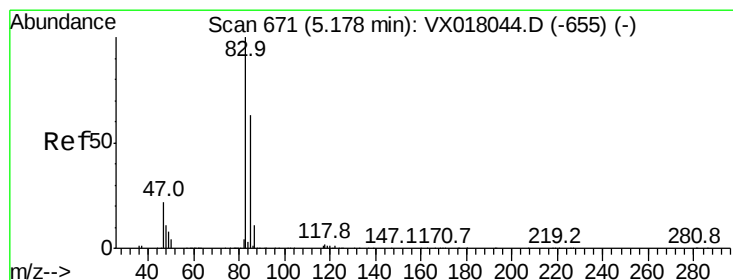
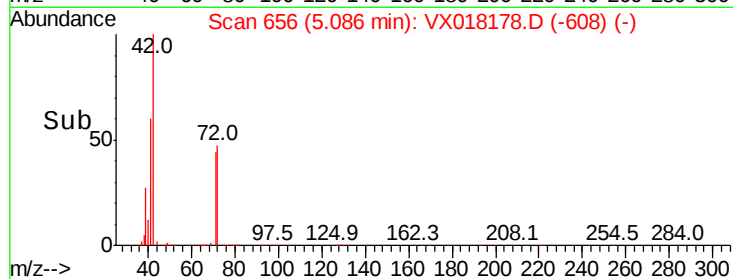
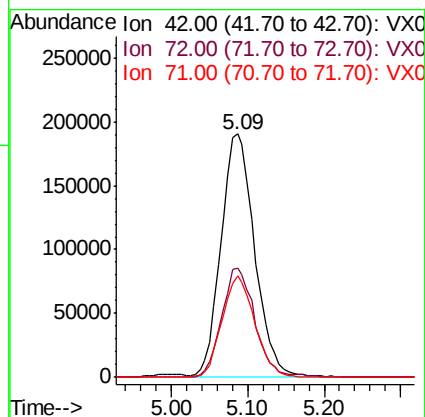
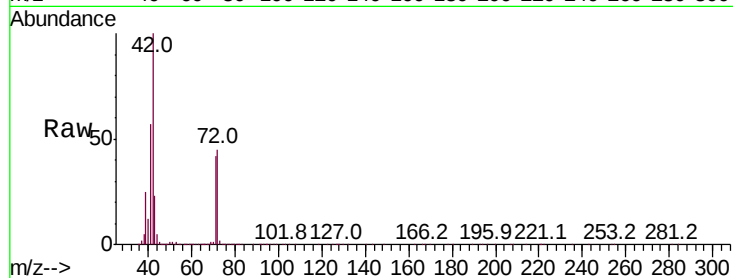




#29
Tetrahydrofuran
Concen: 222.000 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

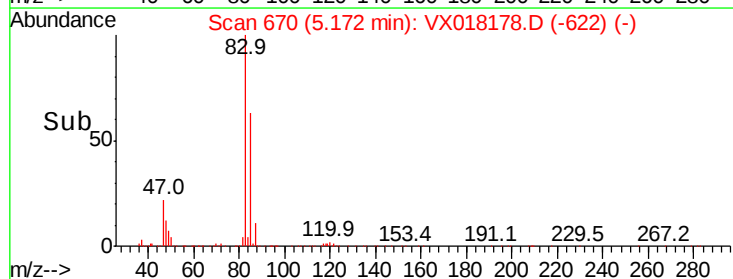
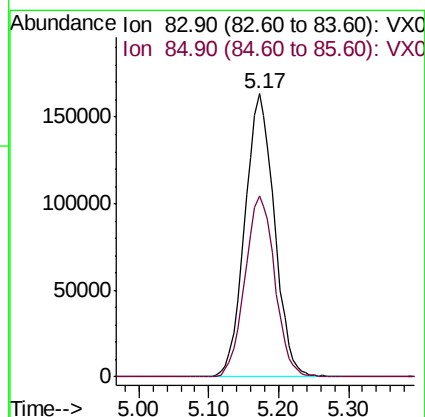
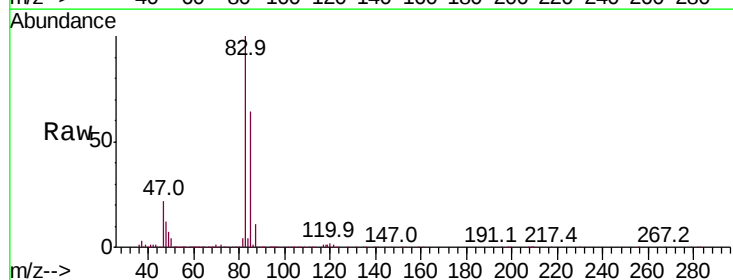
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

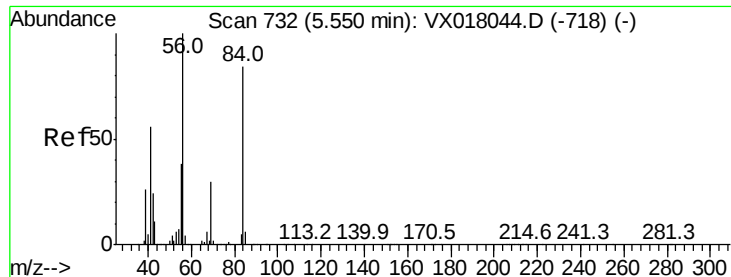
Tot Ion: 42 Resp: 577404
Ion Ratio Lower Upper
42 100
72 44.7 34.2 51.4
71 41.0 32.1 48.1



#30
Chloroform
Concen: 50.992 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 83 Resp: 478666
Ion Ratio Lower Upper
83 100
85 63.9 50.7 76.1

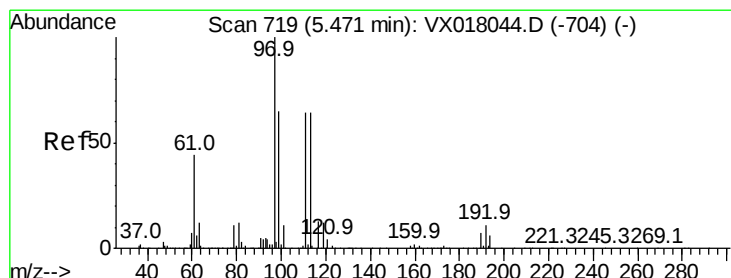
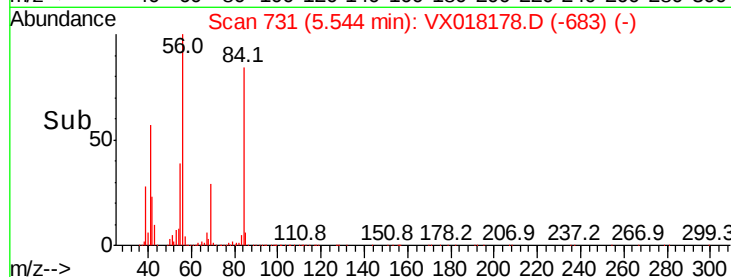
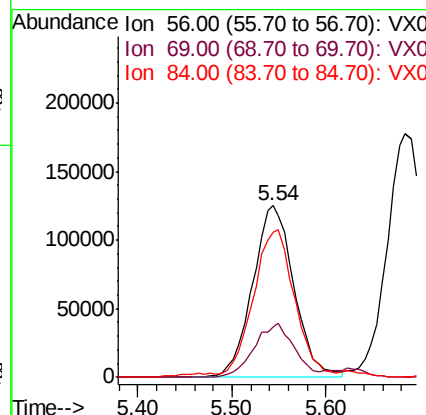
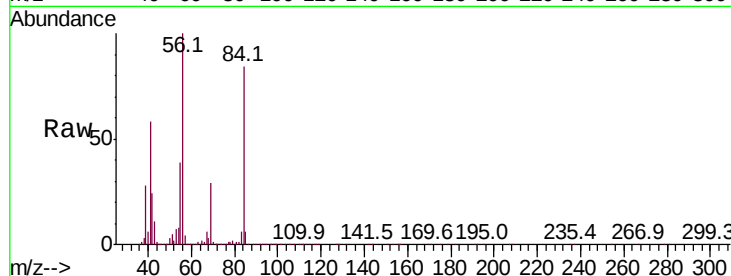




#31
Cyclohexane
Concen: 50.179 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

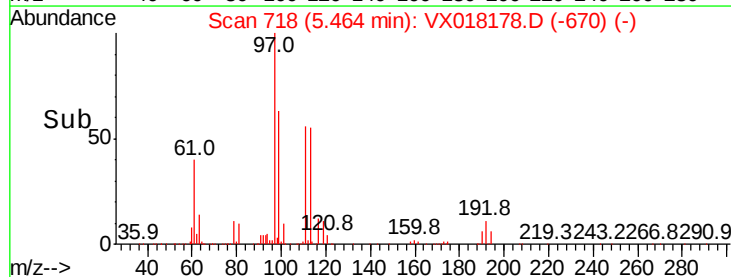
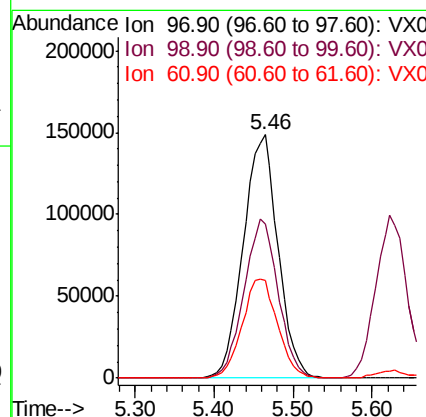
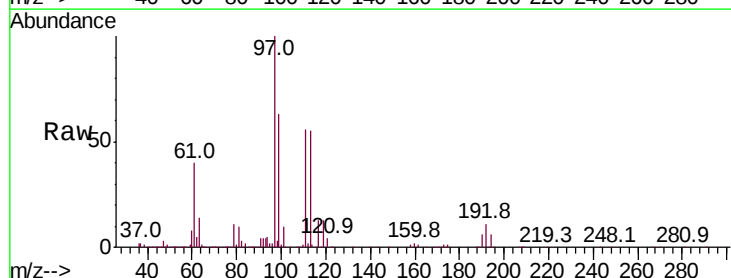
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

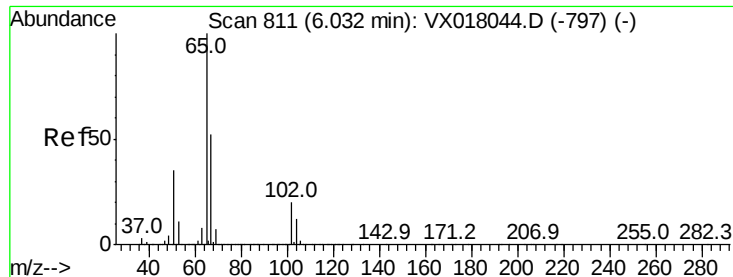
Tot Ion: 56 Resp: 383196
Ion Ratio Lower Upper
56 100
69 29.4 23.9 35.9
84 82.7 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 52.887 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 97 Resp: 455589
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 41.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 47.624 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

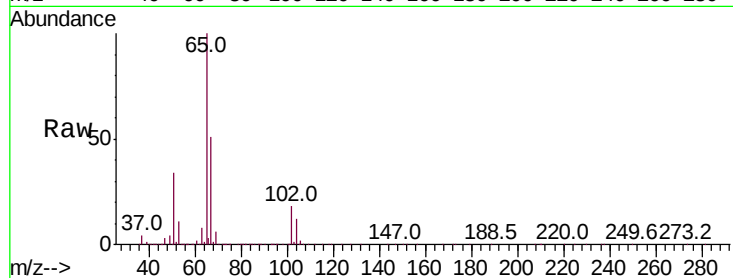
VSTDCCC050

Tot Ion: 65 Resp: 303846

Ion Ratio Lower Upper

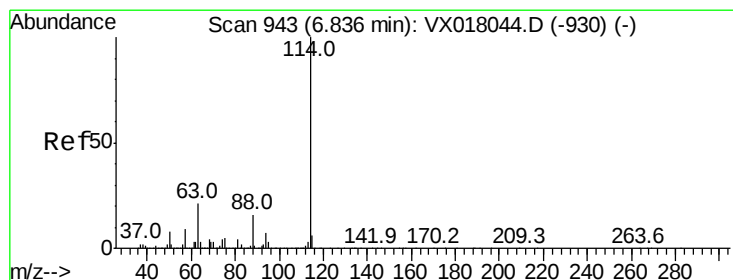
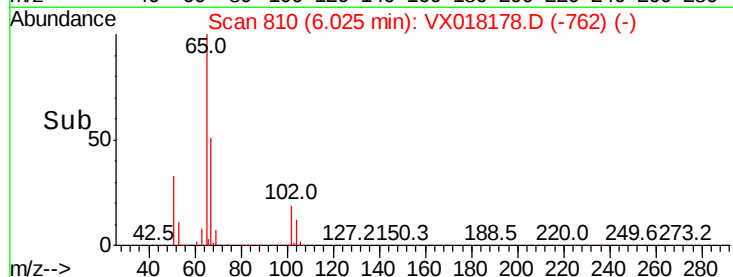
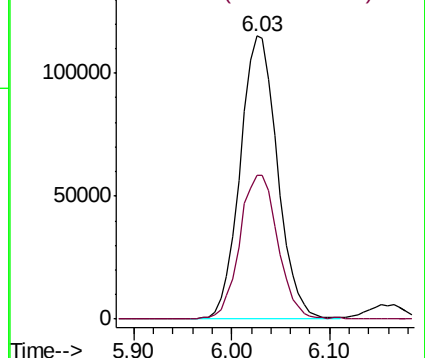
65 100

67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

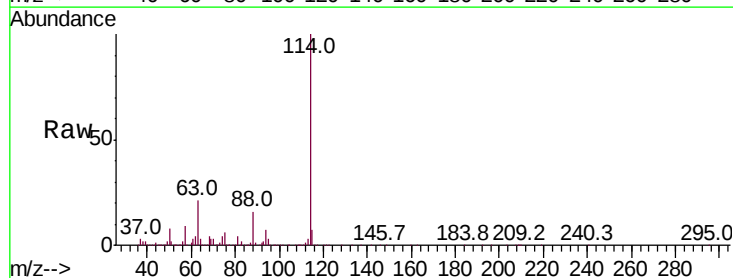
Tgt Ion: 114 Resp: 691368

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

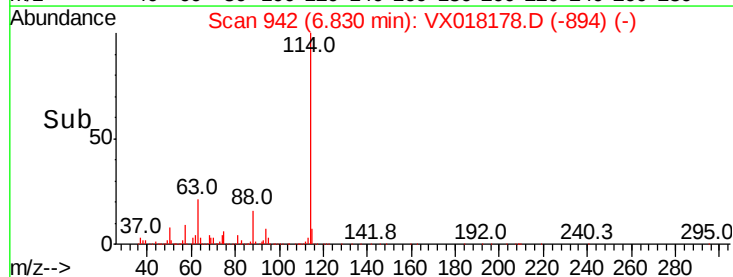
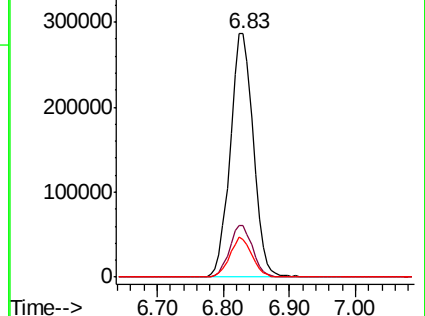
88 15.6 0.0 31.8

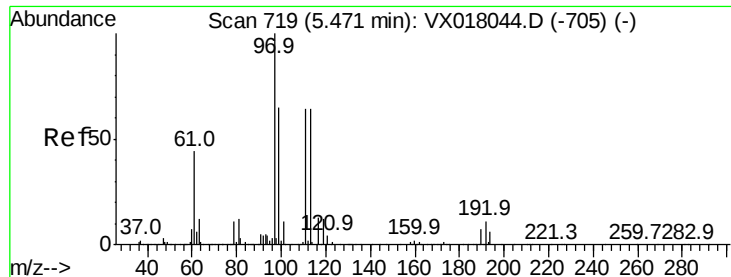


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.664 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

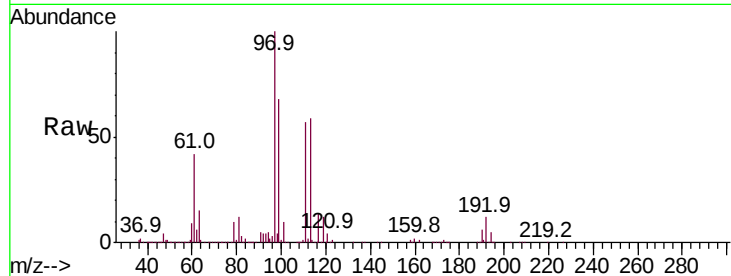
Tot Ion:113 Resp: 238555

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

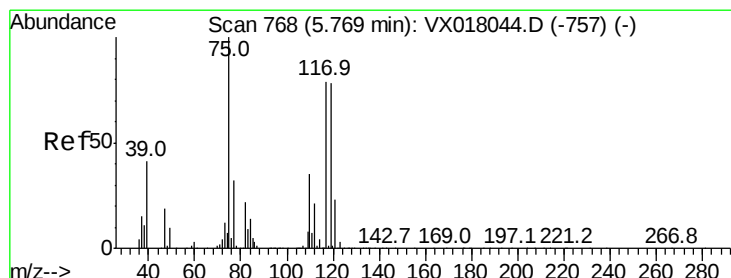
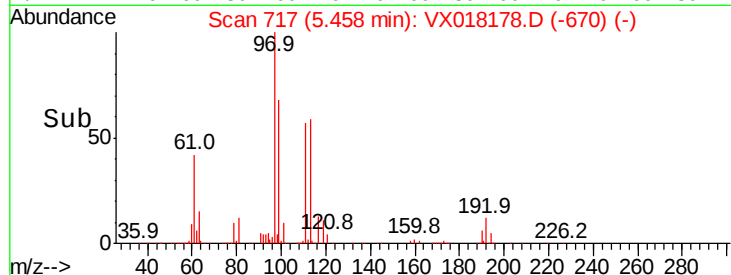
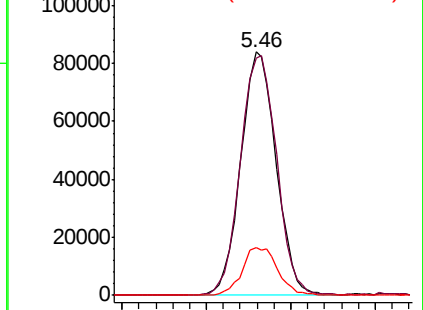
192 19.8 15.8 23.8



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: 55.626 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

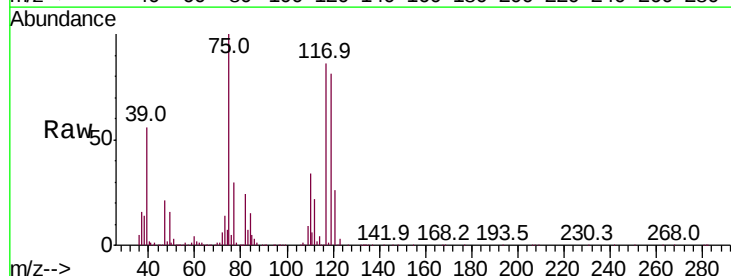
Tgt Ion: 75 Resp: 354716

Ion Ratio Lower Upper

75 100

110 36.1 18.0 54.0

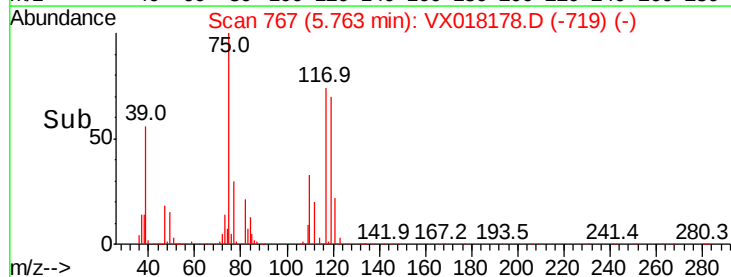
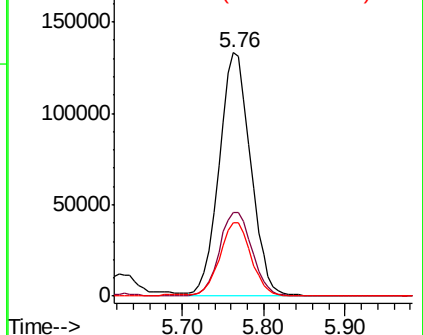
77 30.2 24.4 36.6

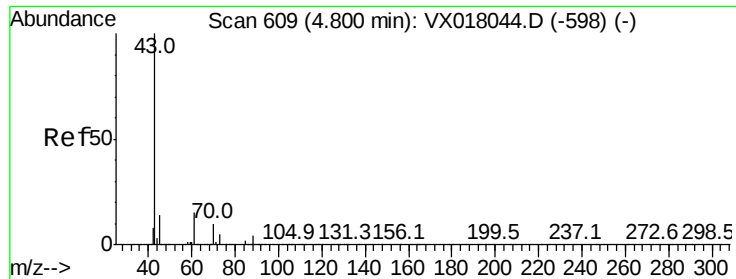


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

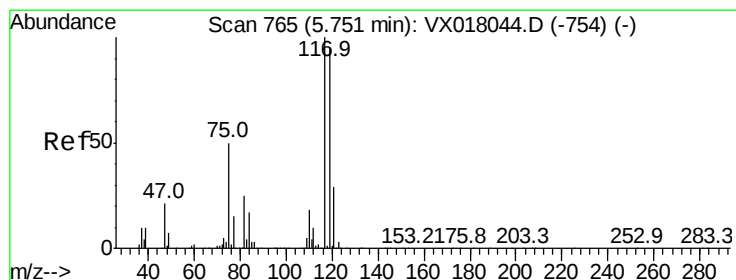
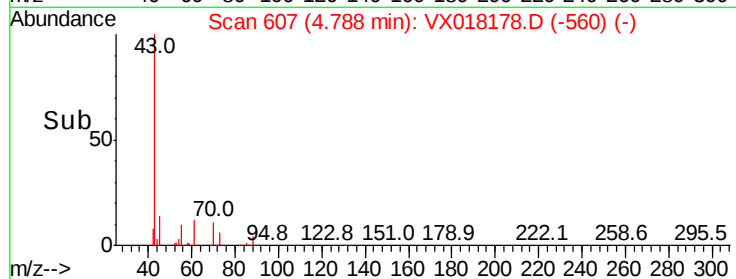
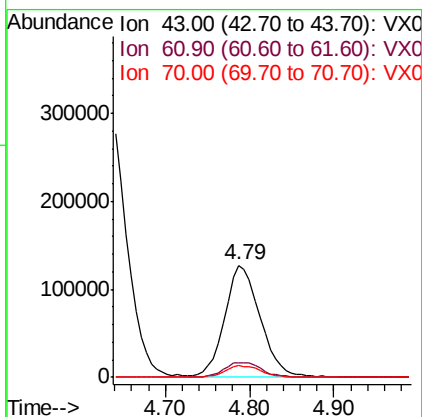
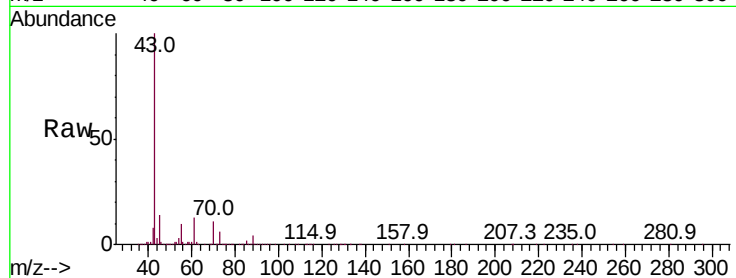




#37
Ethyl Acetate
Concen: 48.849 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

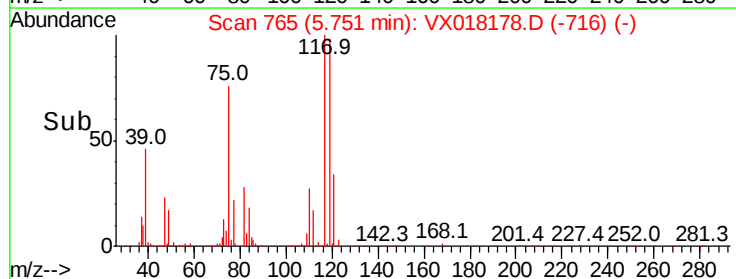
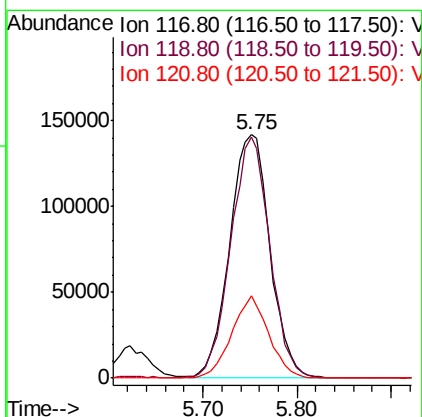
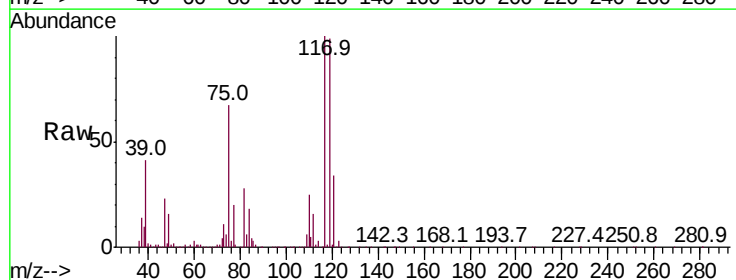
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

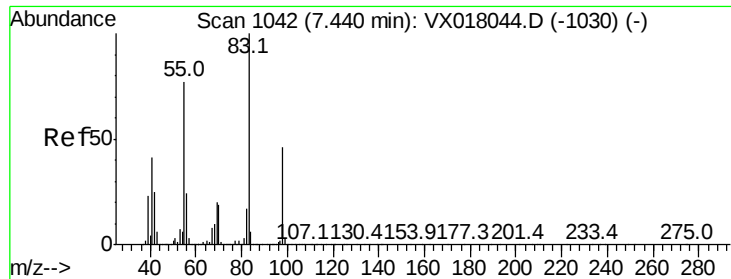
Tot Ion: 43 Resp: 361793
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 58.692 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 117 Resp: 421780
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.6
121 33.7 23.4 35.0

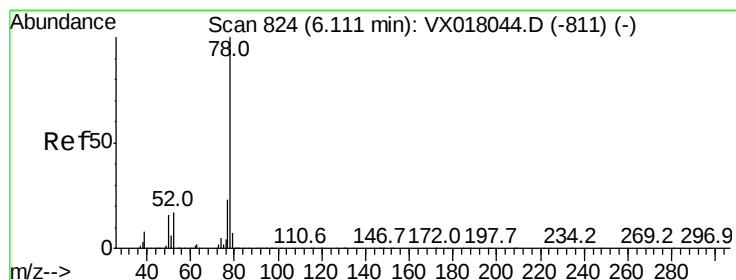
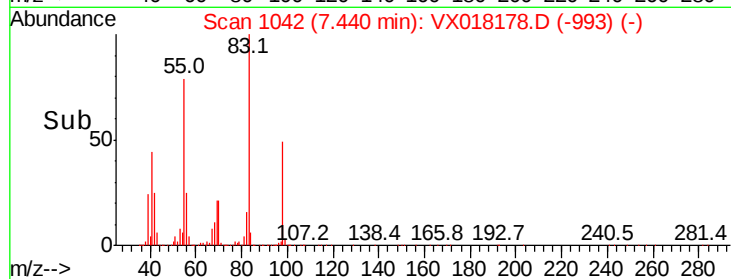
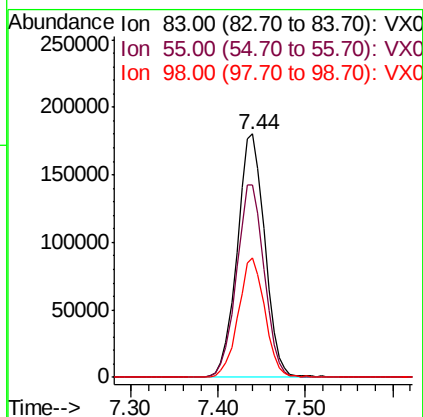
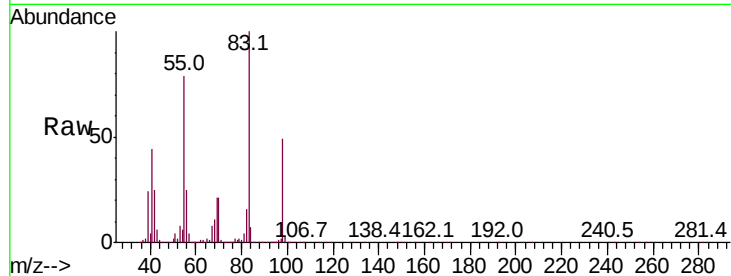




#39
Methvlcvclohexane
Concen: 56.758 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

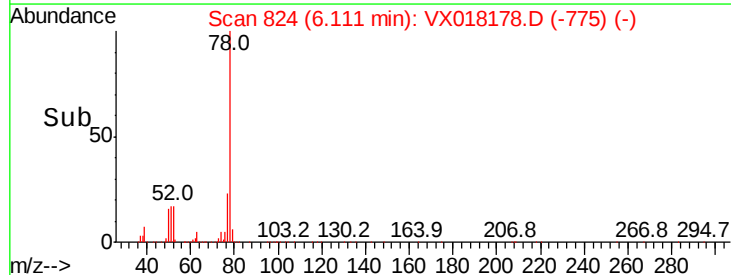
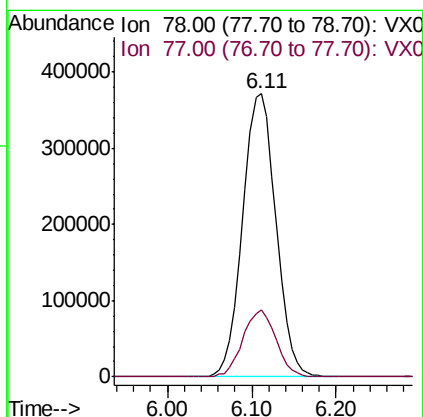
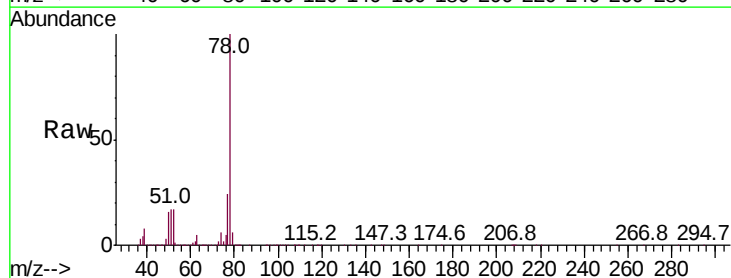
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

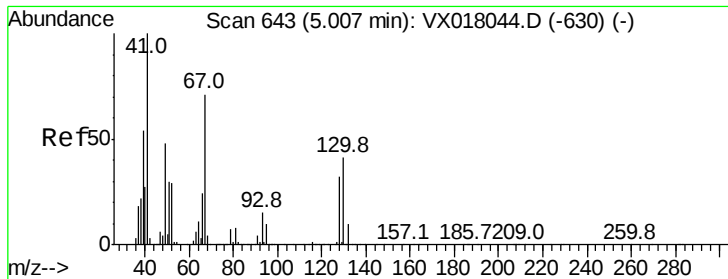
Tot Ion: 83 Resp: 395767
Ion Ratio Lower Upper
83 100
55 78.6 61.8 92.6
98 48.9 36.6 55.0



#40
Benzene
Concen: 52.952 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 78 Resp: 992187
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2





#41

Methacrylonitrile

Concen: 47.851 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 194591

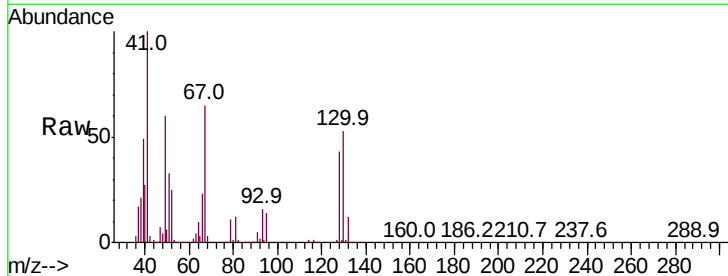
Ion Ratio Lower Upper

41 100

39 57.2 43.1 64.7

67 72.2 56.0 84.0

52 30.8 22.7 34.1

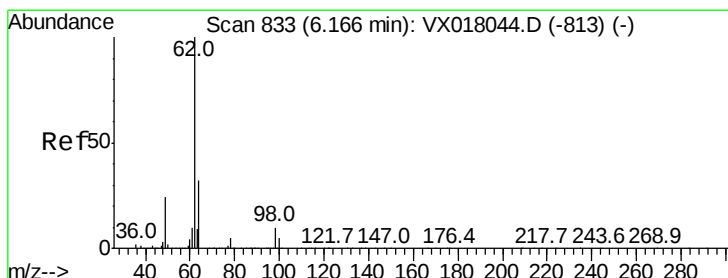
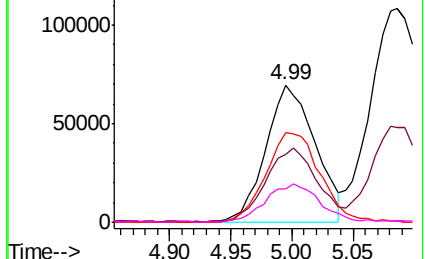
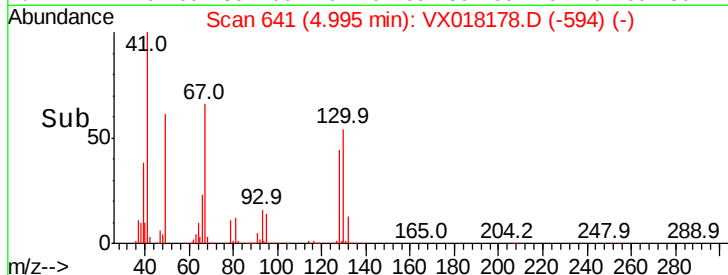


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 56.510 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018178.D

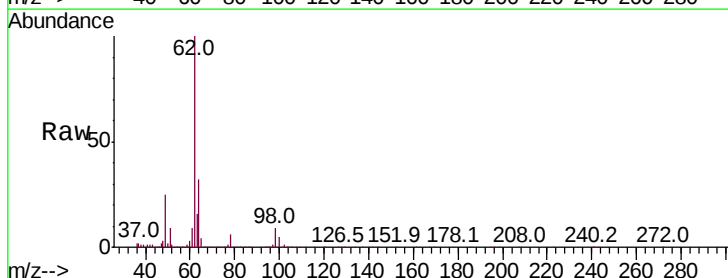
Acq: 01 Sep 2020 09:31

Tgt Ion: 62 Resp: 405688

Ion Ratio Lower Upper

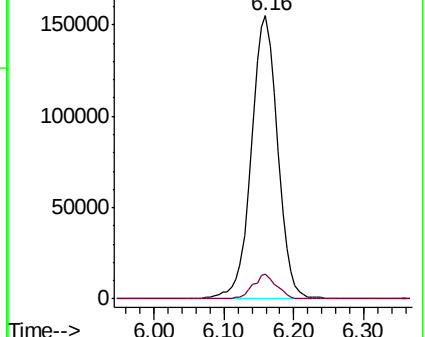
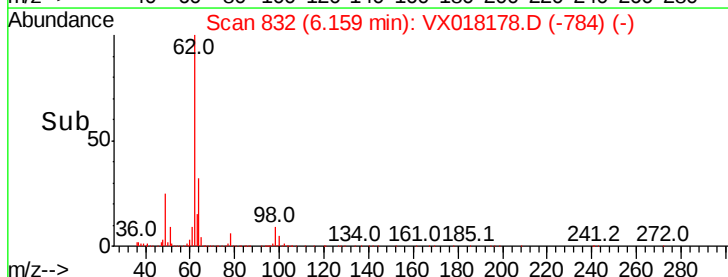
62 100

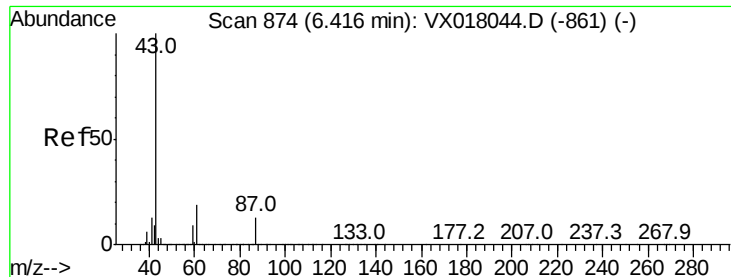
98 8.1 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.344 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

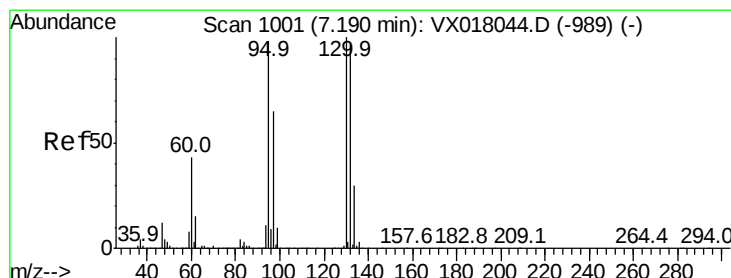
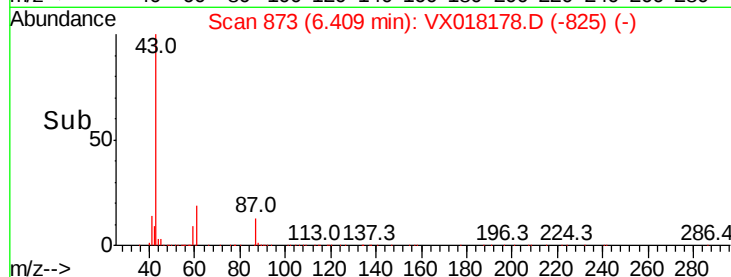
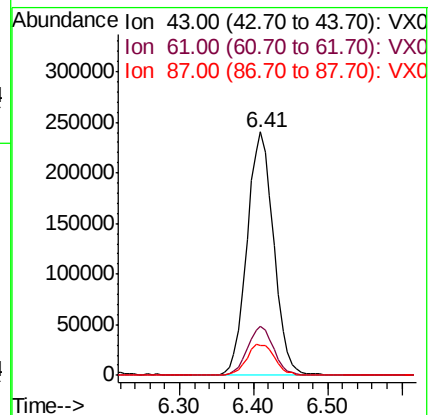
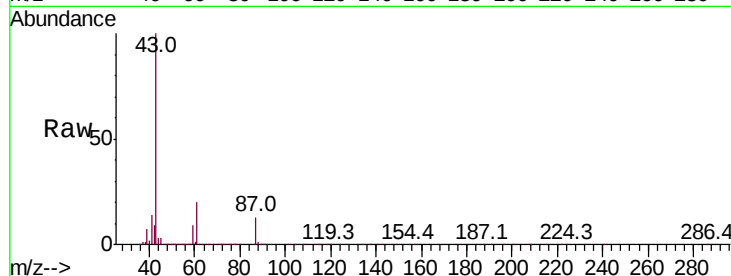
Tot Ion: 43 Resp: 602240

Ion Ratio Lower Upper

43 100

61 19.9 15.7 23.5

87 13.6 10.3 15.5



#44

Trichloroethene

Concen: 54.170 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018178.D

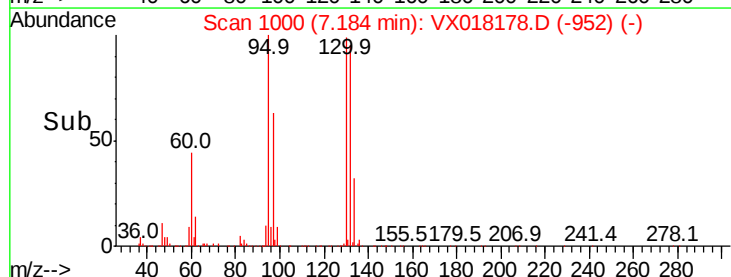
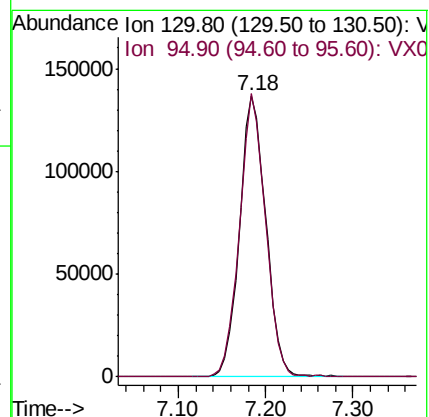
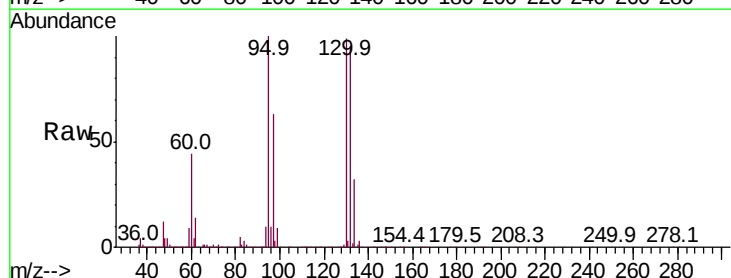
Acq: 01 Sep 2020 09:31

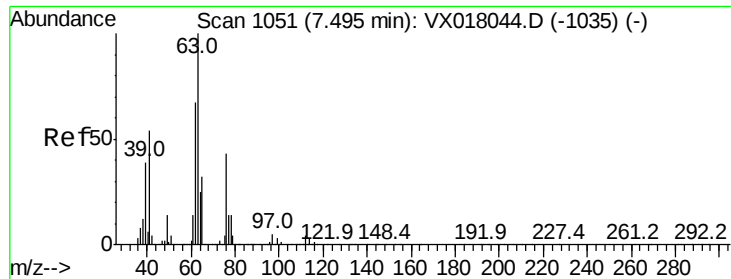
Tgt Ion: 130 Resp: 286799

Ion Ratio Lower Upper

130 100

95 100.6 0.0 196.4





#45

1,2-Dichloropropane

Concen: 53.362 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

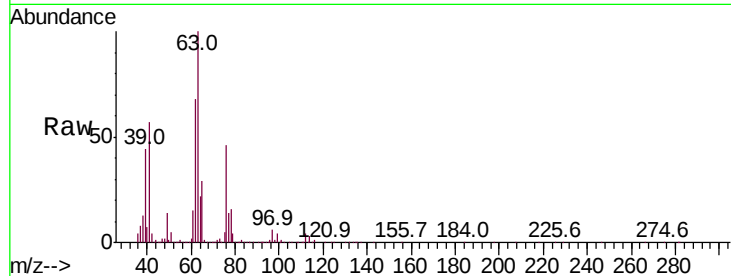
VSTDCCC050

Tot Ion: 63 Resp: 269482

Ion Ratio Lower Upper

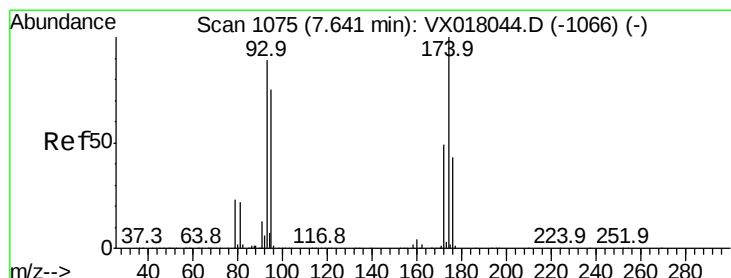
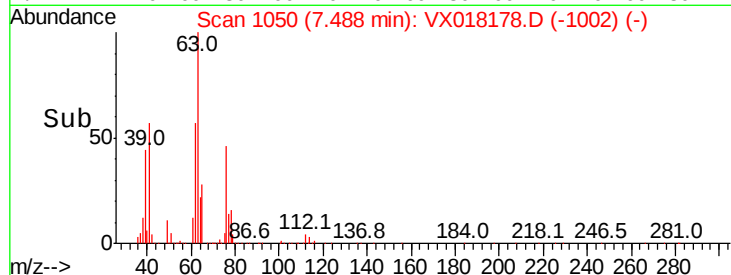
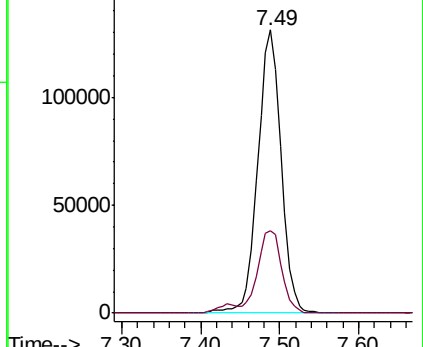
63 100

65 29.2 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: 52.326 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

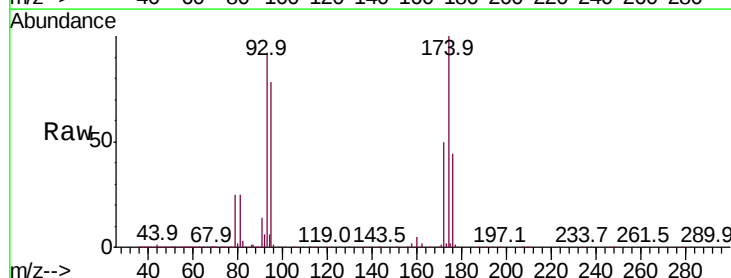
Tgt Ion: 93 Resp: 185827

Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

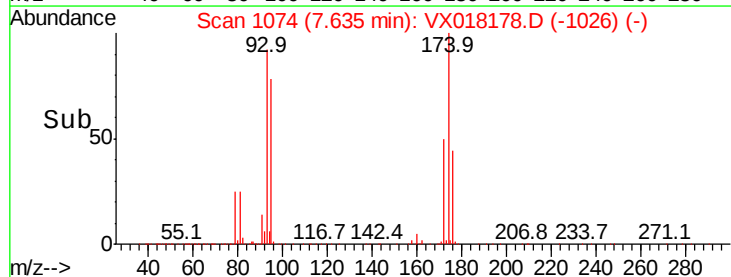
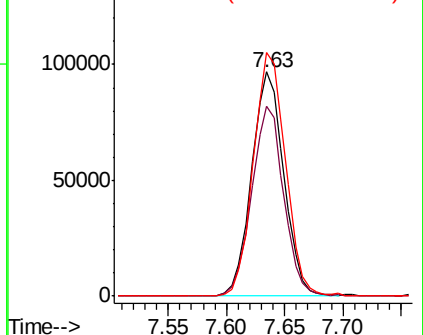
174 109.0 82.2 123.2

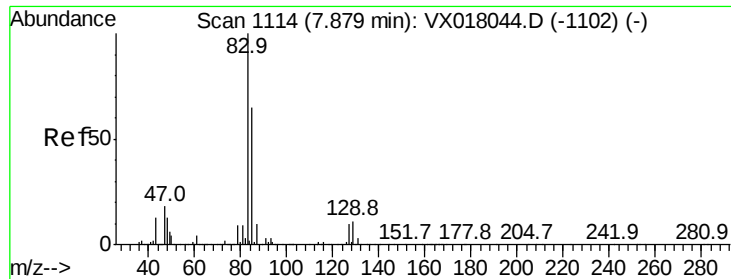


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.956 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

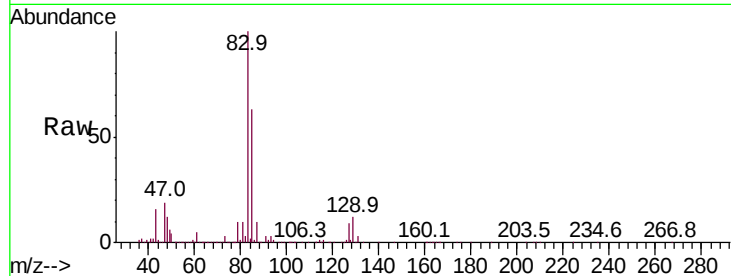
Tot Ion: 83 Resp: 396774

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6

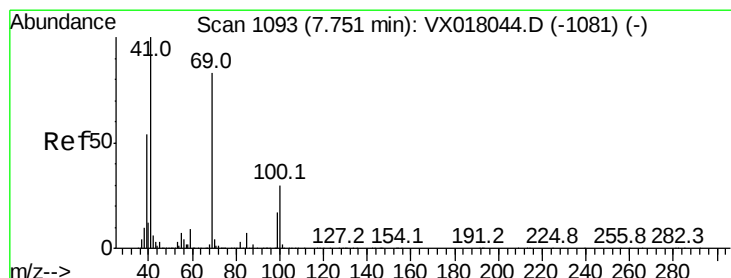
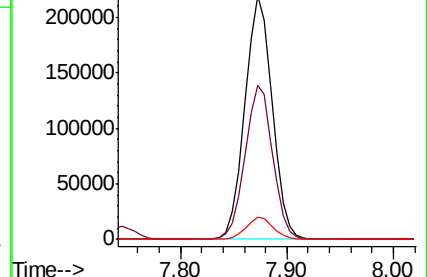
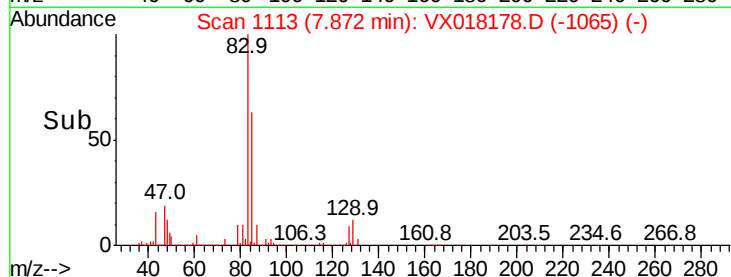
127 9.3 7.7 11.5



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: 50.533 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

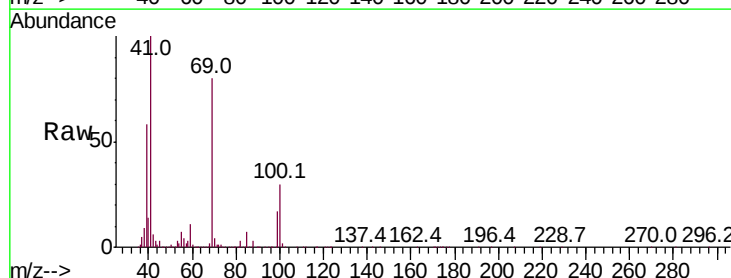
Tgt Ion: 41 Resp: 300928

Ion Ratio Lower Upper

41 100

69 81.3 65.5 98.3

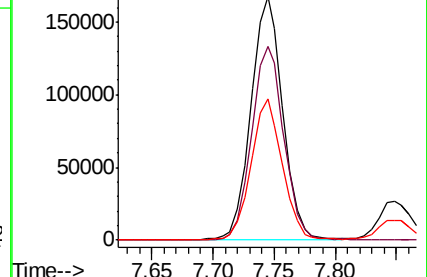
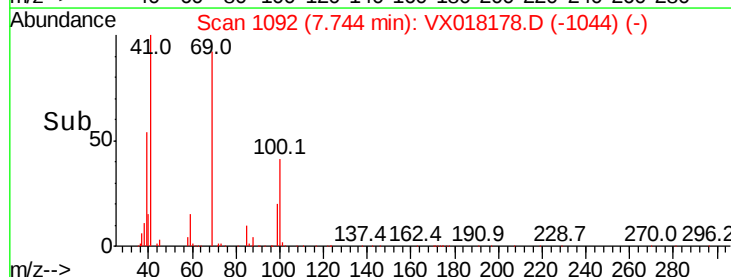
39 57.0 44.5 66.7

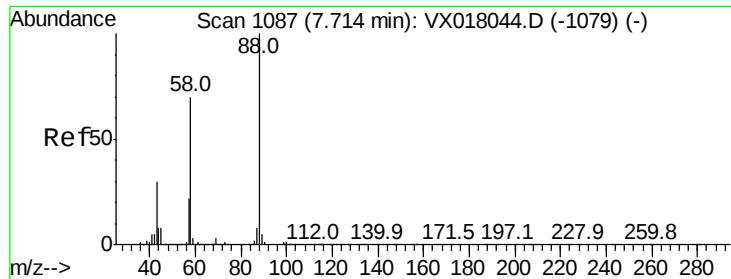


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

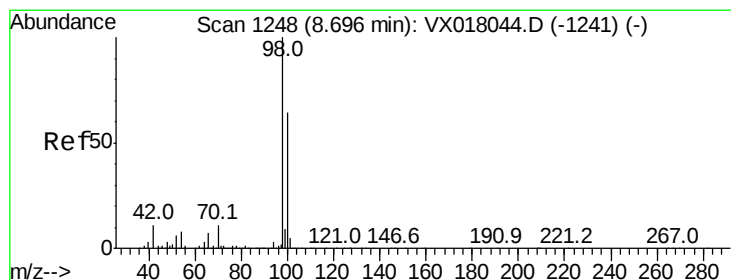
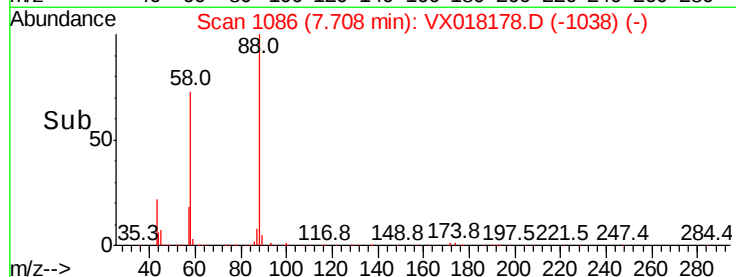
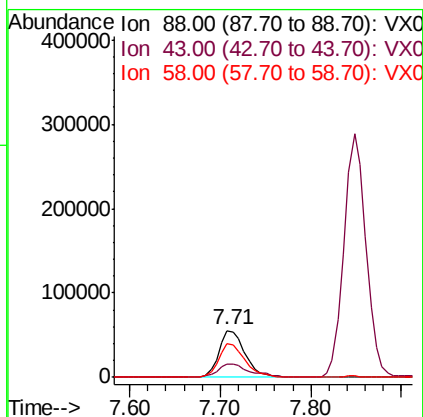
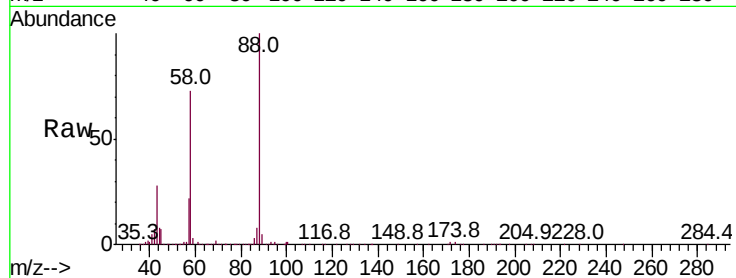




#49
1,4-Dioxane
Concen: 1031.757 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

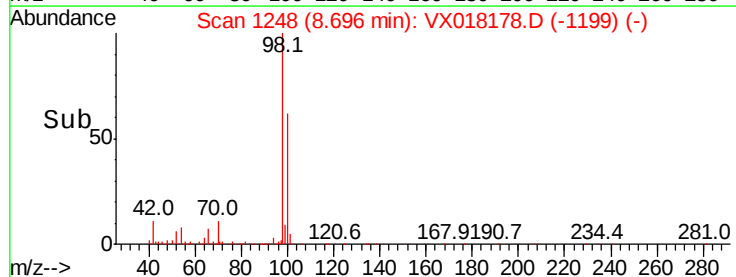
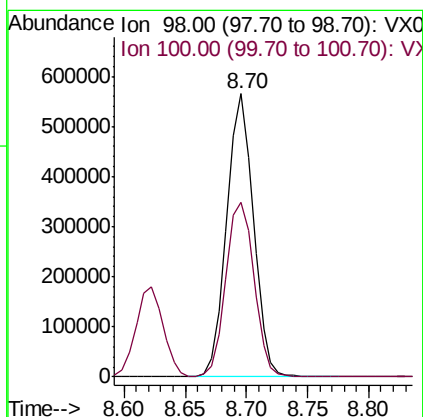
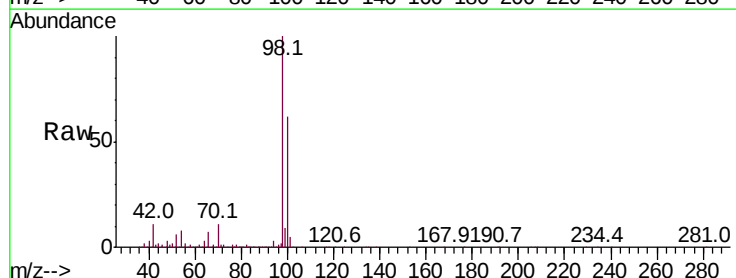
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

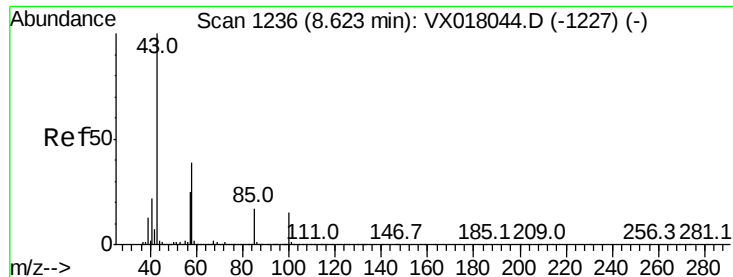
Tot Ion: 88 Resp: 111296
Ion Ratio Lower Upper
88 100
43 35.7 27.4 41.0
58 73.4 56.4 84.6



#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 98 Resp: 858006
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 252.709 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

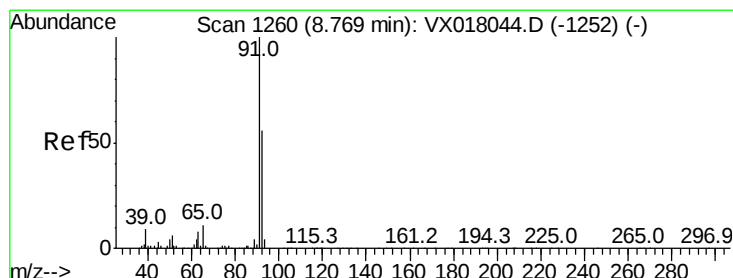
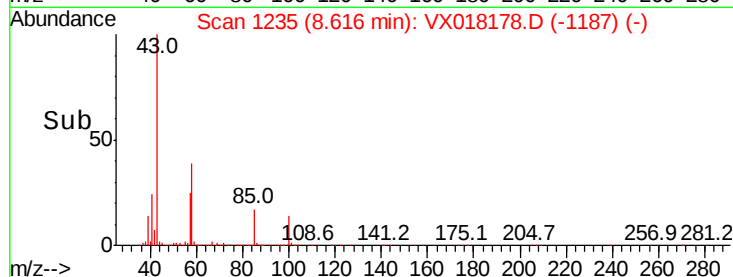
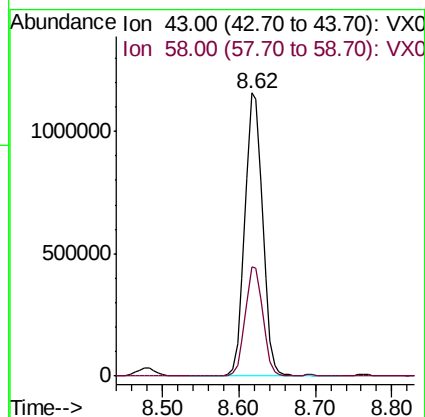
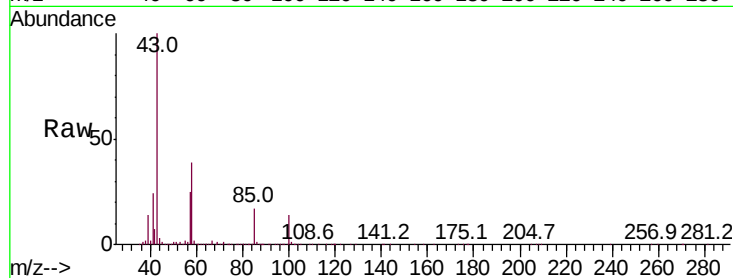
VSTDCCC050

Tot Ion: 43 Resp: 1867360

Ion Ratio Lower Upper

43 100

58 38.4 30.7 46.1



#52

Toluene

Concen: 54.098 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018178.D

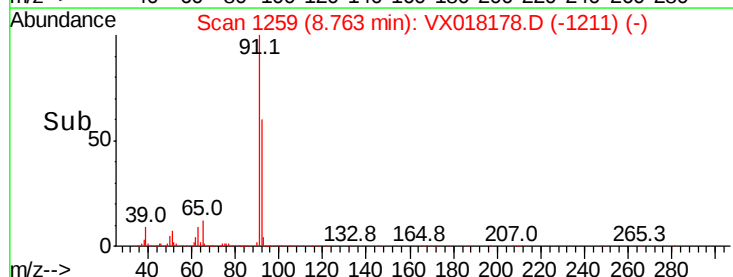
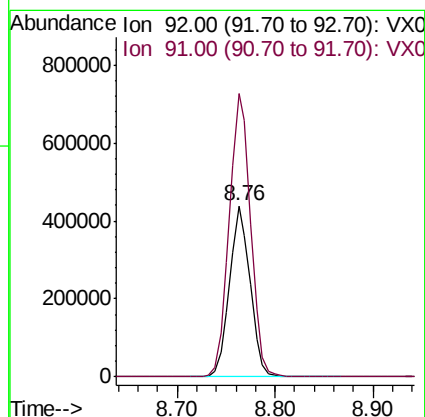
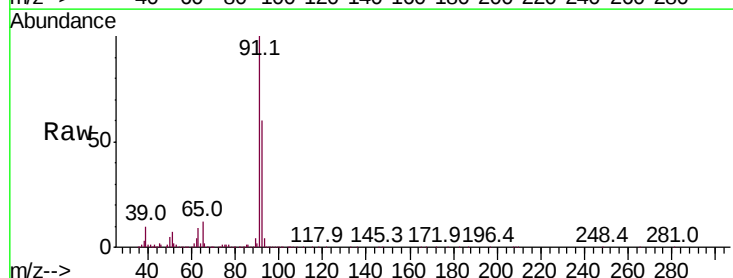
Acq: 01 Sep 2020 09:31

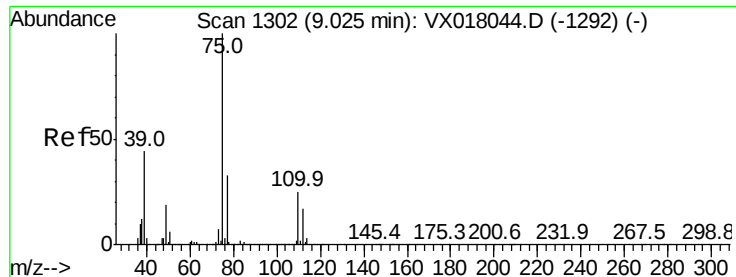
Tgt Ion: 92 Resp: 642766

Ion Ratio Lower Upper

92 100

91 171.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 56.346 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

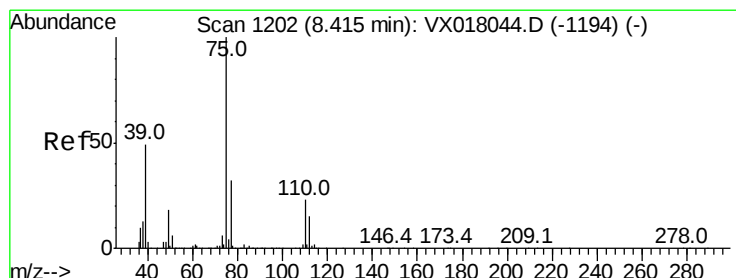
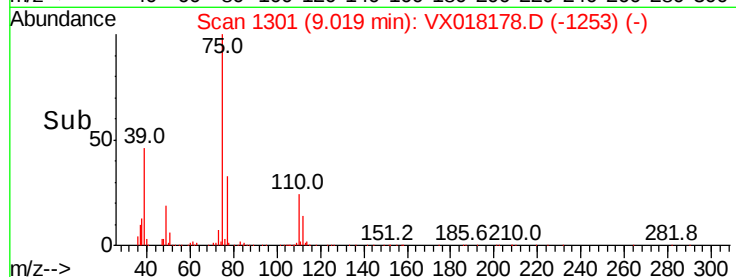
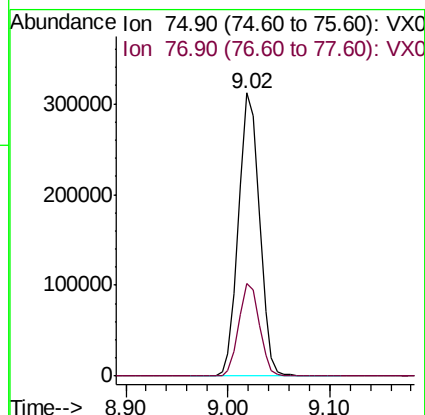
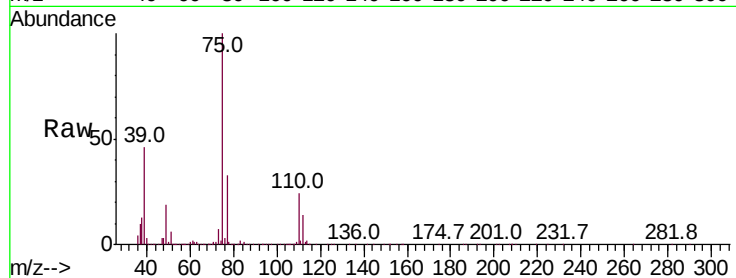
VSTDCCC050

Tot Ion: 75 Resp: 442817

Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 54.774 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

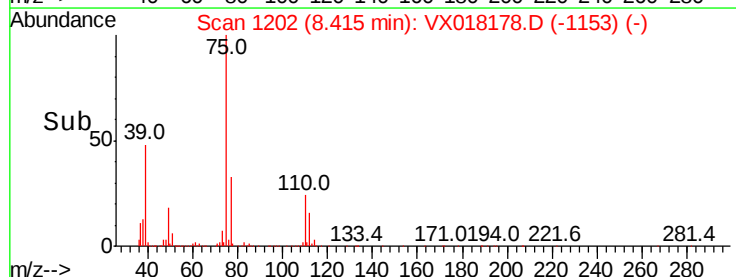
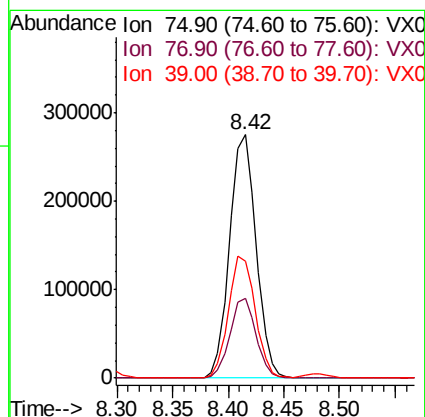
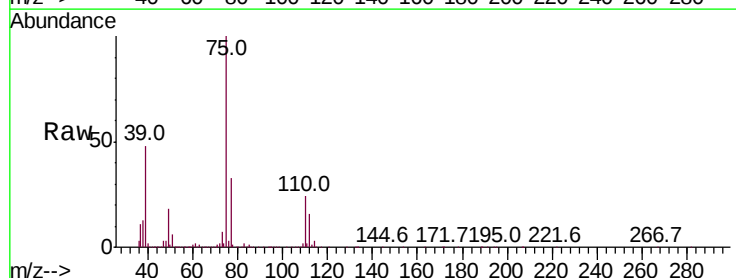
Tgt Ion: 75 Resp: 456002

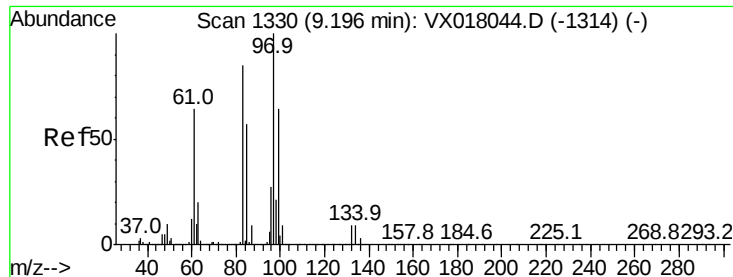
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

39 47.8 38.8 58.2

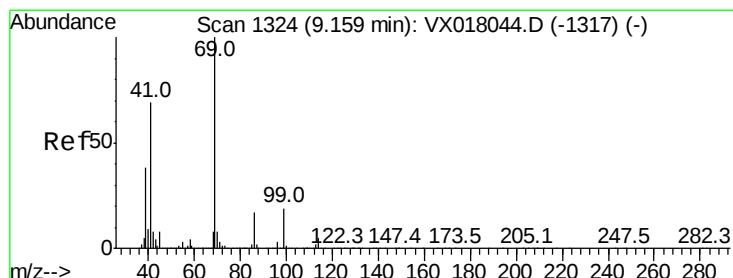
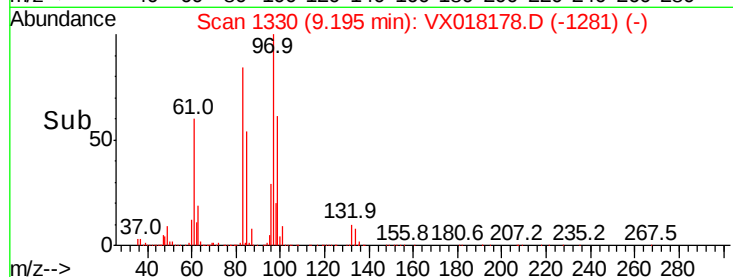
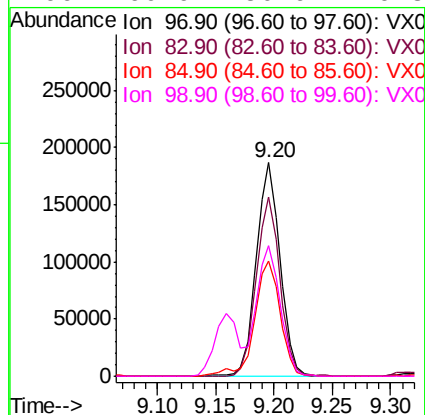
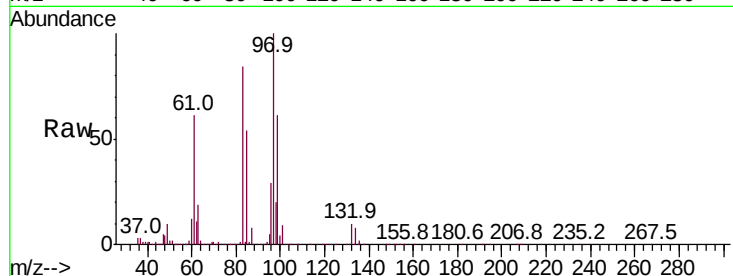




#55
 1,1,2-Trichloroethane
 Concen: 52.526 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

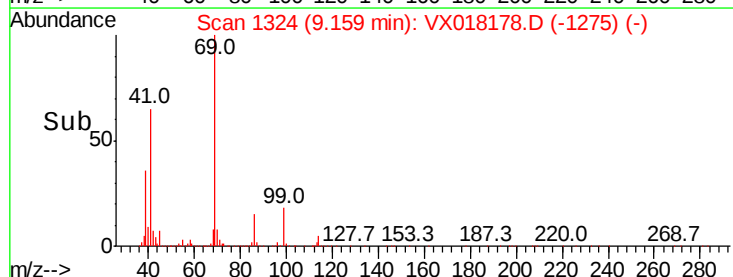
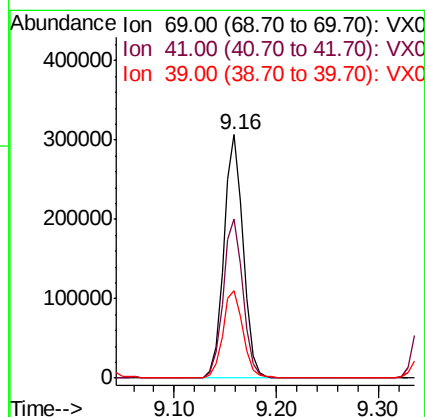
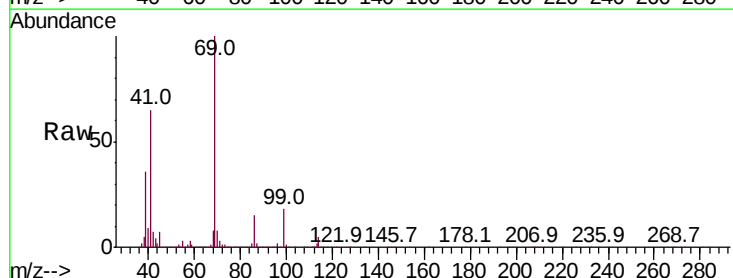
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

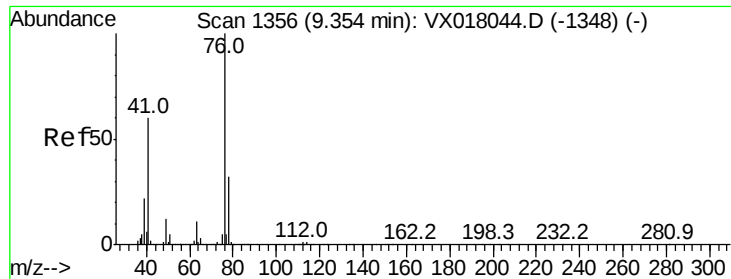
Tot Ion:	97	Resp:	266165
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.6
85	53.8	45.3	67.9
99	60.9	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 53.636 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion:	69	Resp:	404046
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.6	81.8
39	37.6	29.1	43.7





#57

1,3-Dichloropropane

Concen: 52.010 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

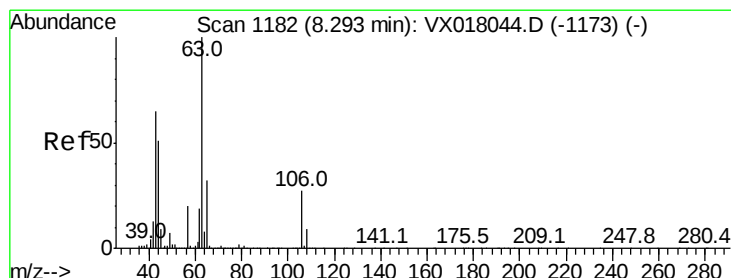
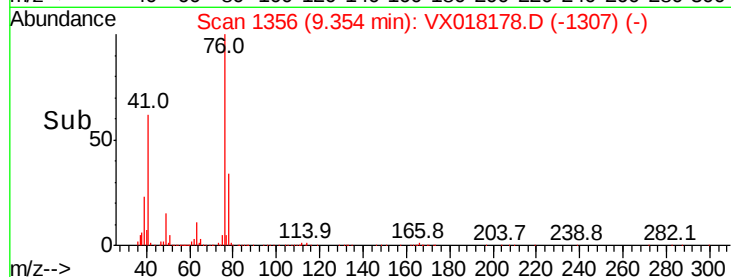
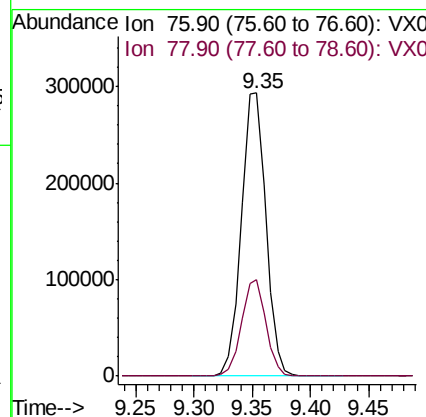
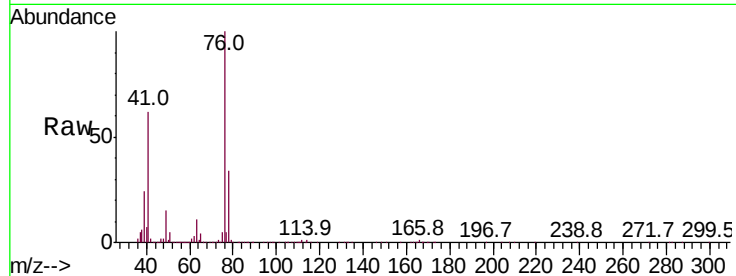
VSTDCCC050

Tot Ion: 76 Resp: 434696

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 241.831 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018178.D

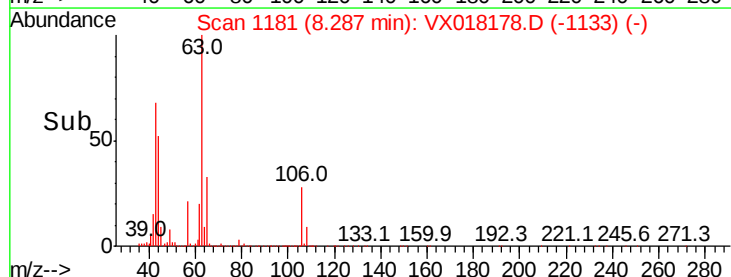
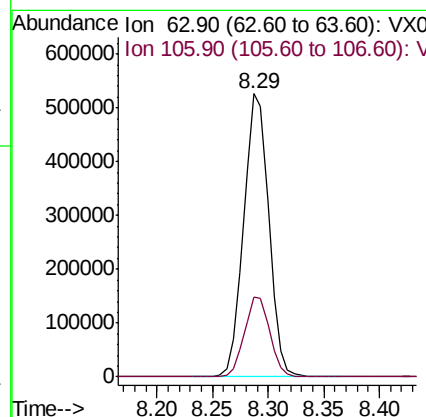
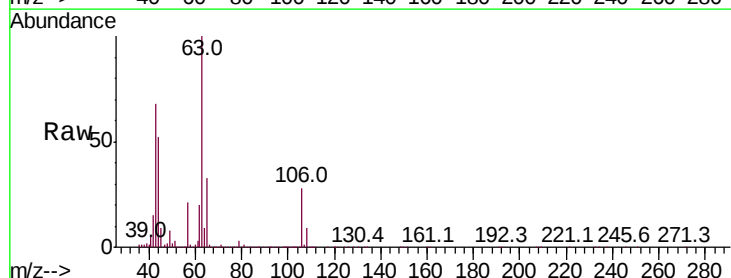
Acq: 01 Sep 2020 09:31

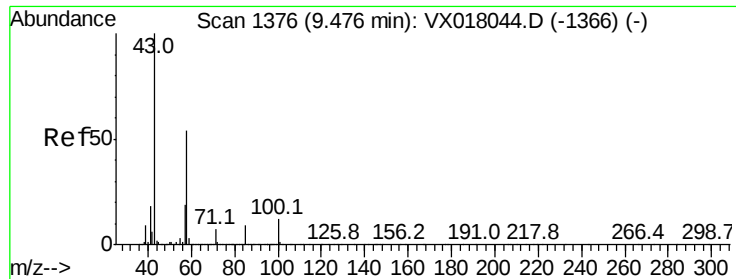
Tgt Ion: 63 Resp: 819506

Ion Ratio Lower Upper

63 100

106 28.7 22.1 33.1

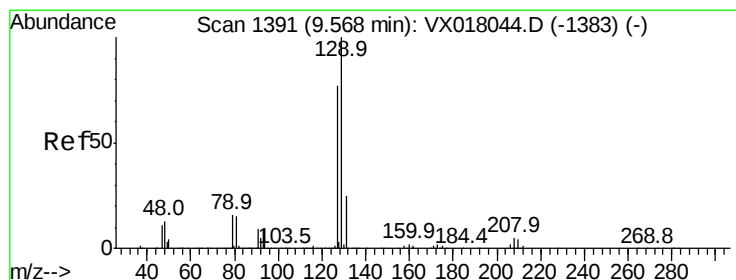
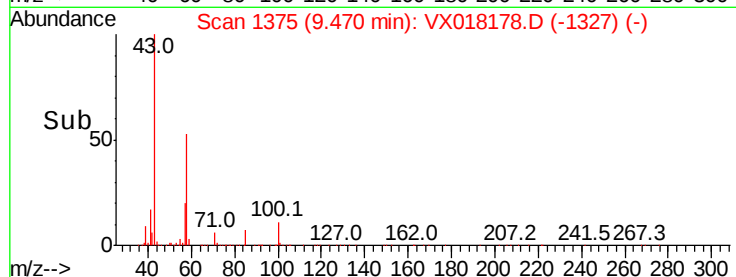
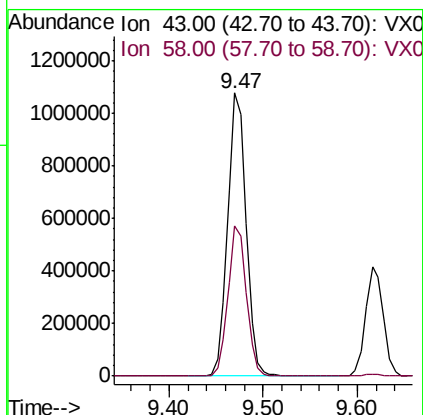
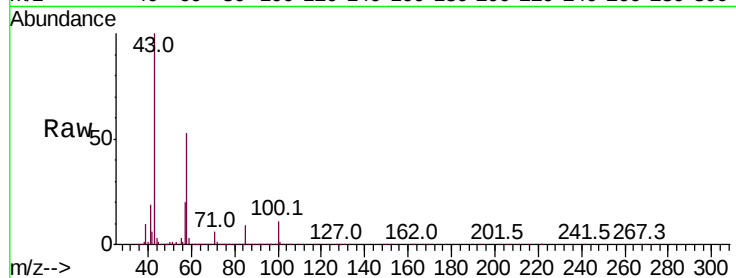




#59
2-Hexanone
Concen: 260.481 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

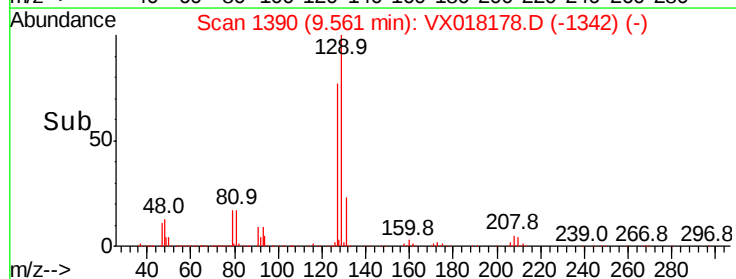
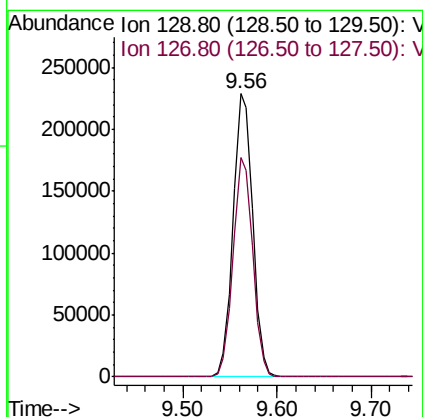
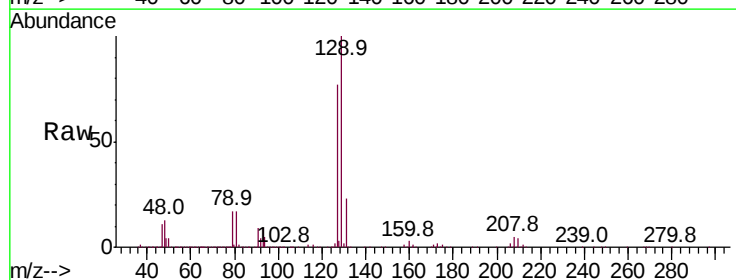
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

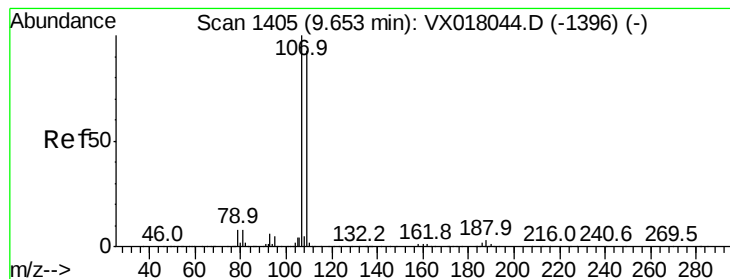
Tot Ion: 43 Resp: 1463579
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7



#60
Dibromochloromethane
Concen: 55.521 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 129 Resp: 330044
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.635 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

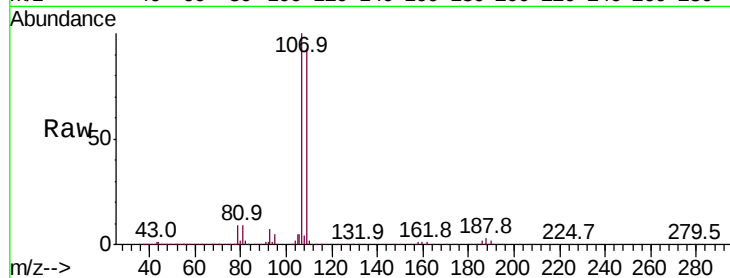
VSTDCCC050

Tot Ion:107 Resp: 289570

Ion Ratio Lower Upper

107 100

109 93.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

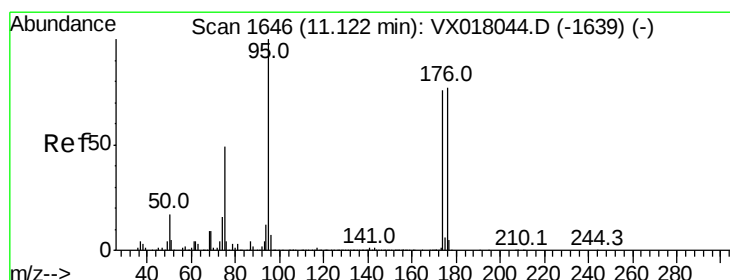
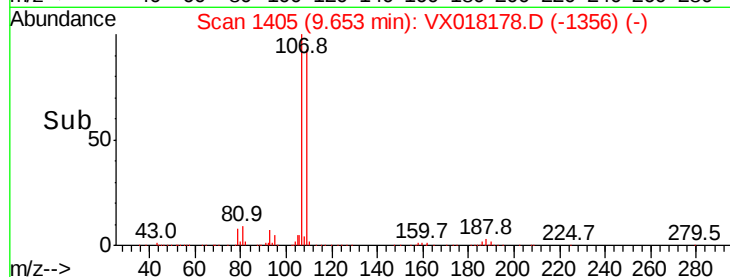
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 51.550 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

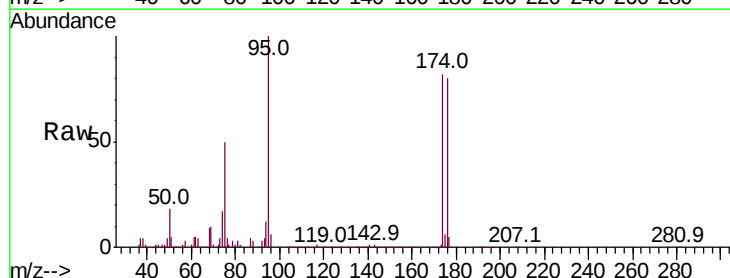
Tgt Ion: 95 Resp: 355687

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.2

176 75.4 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

300000

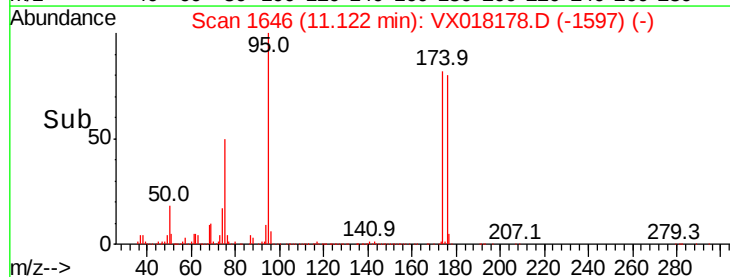
200000

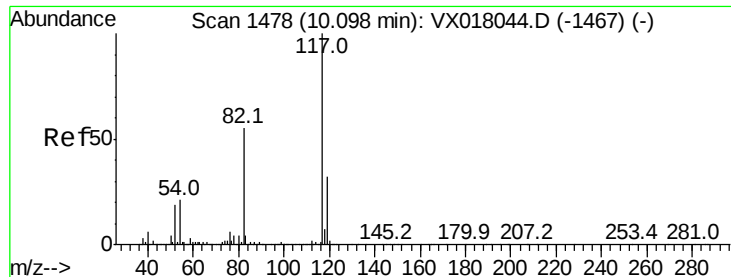
100000

0

11.10 11.12 11.20

Time-->

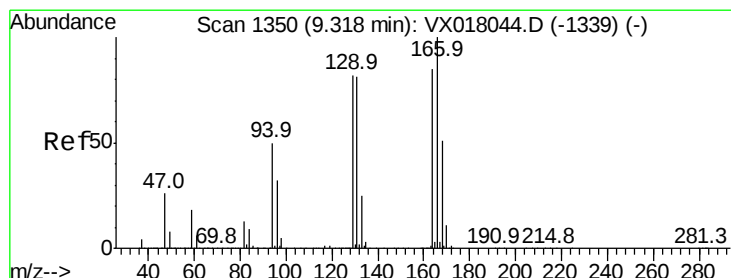
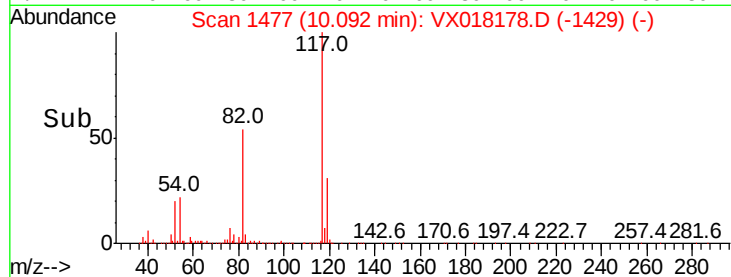
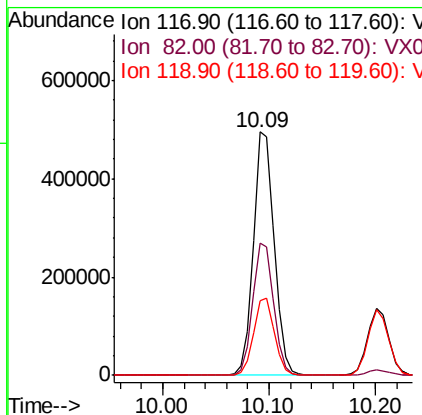
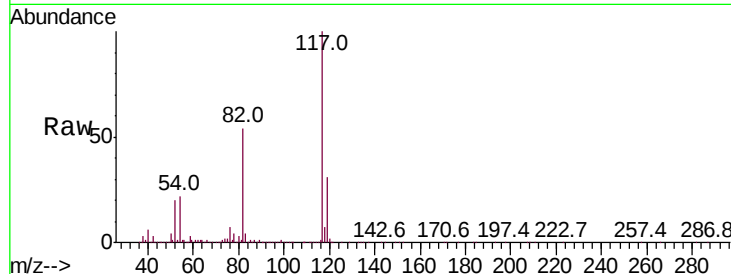




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

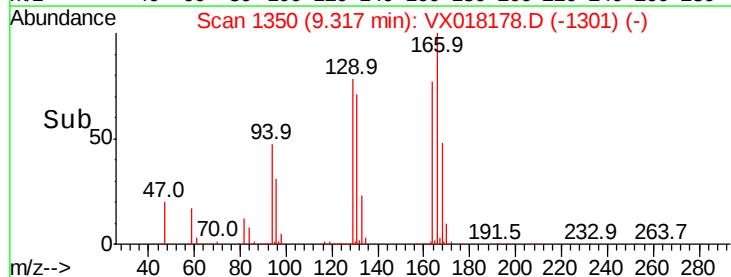
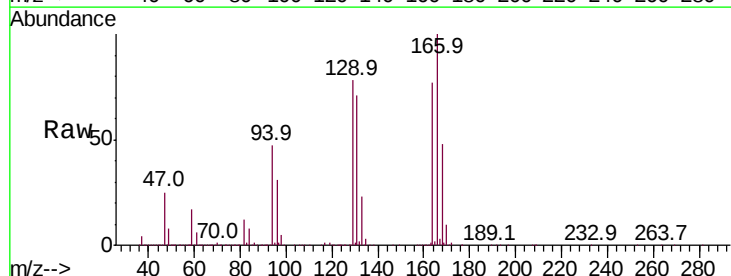
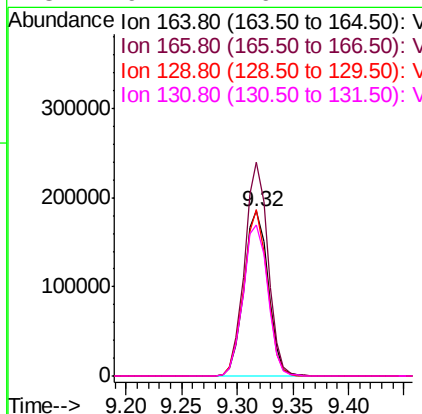
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

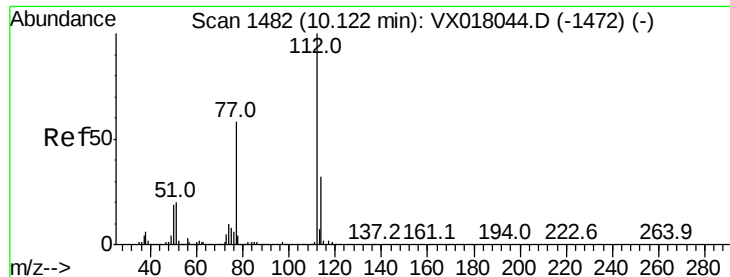
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	30.8	25.7	38.5



#64
Tetrachloroethene
Concen: 56.199 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	94.2	141.2
129	101.1	76.9	115.3
131	91.7	76.1	114.1





#65

Chlorobenzene

Concen: 52.914 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

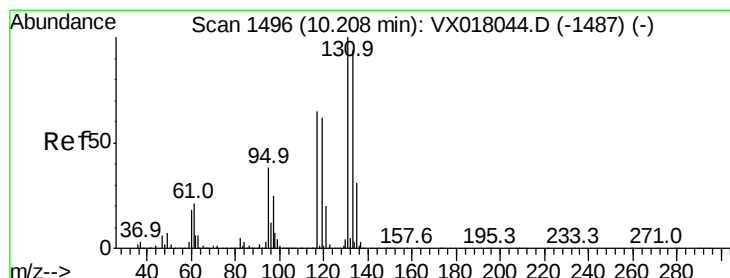
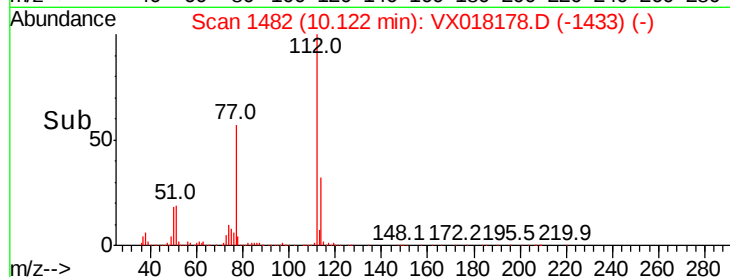
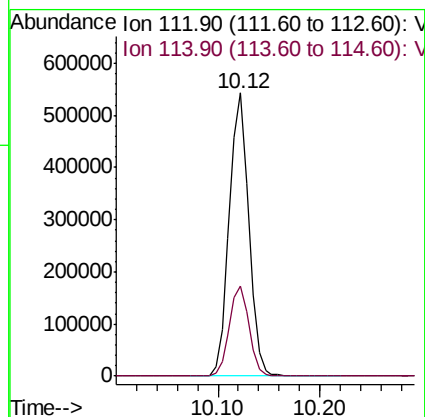
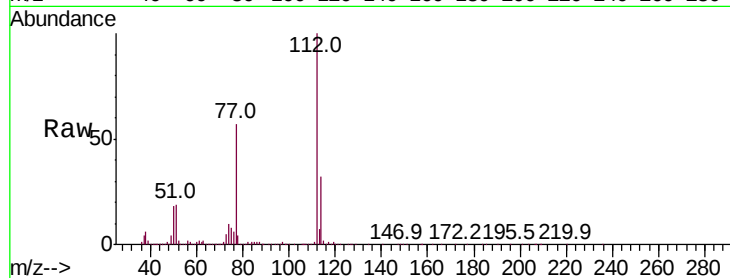
VSTDCCC050

Tot Ion:112 Resp: 720131

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 55.214 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

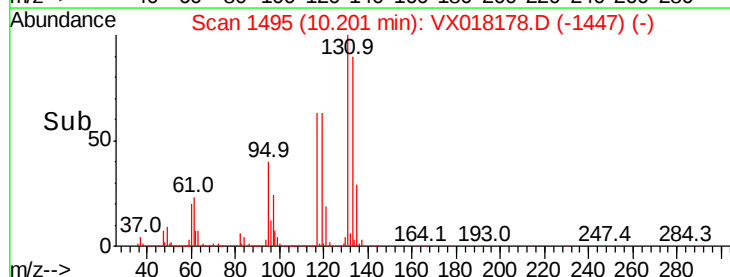
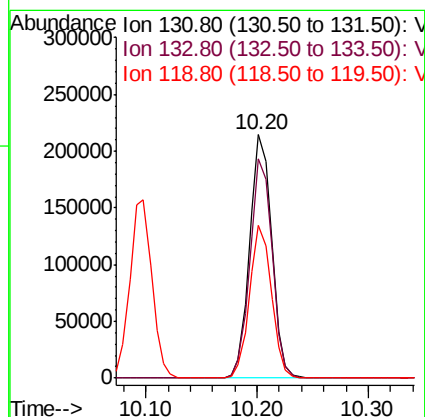
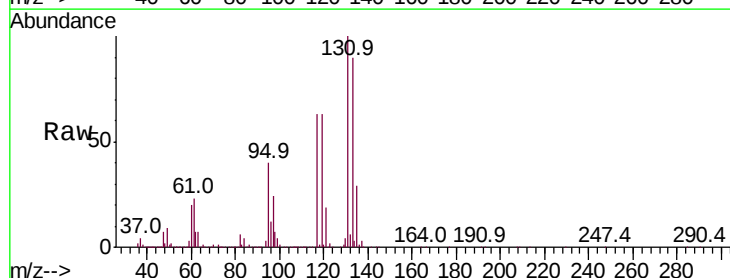
Tgt Ion:131 Resp: 296162

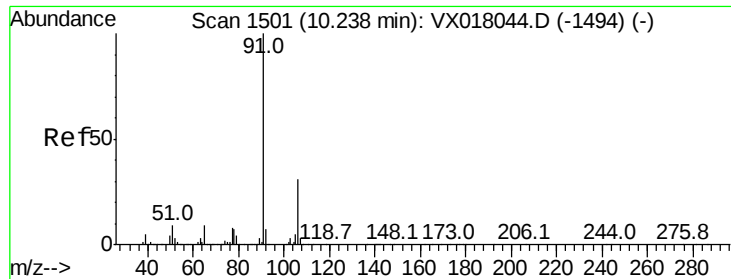
Ion Ratio Lower Upper

131 100

133 90.6 46.7 140.1

119 62.5 31.8 95.4





#67

Ethyl Benzene

Concen: 54.861 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

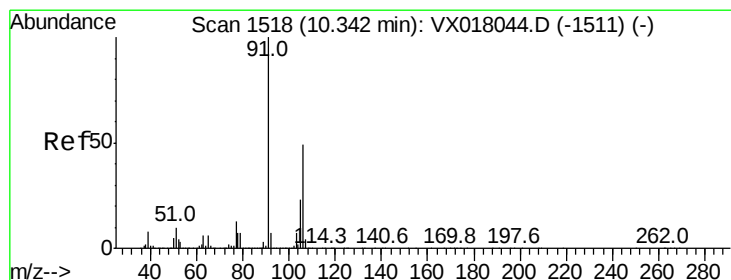
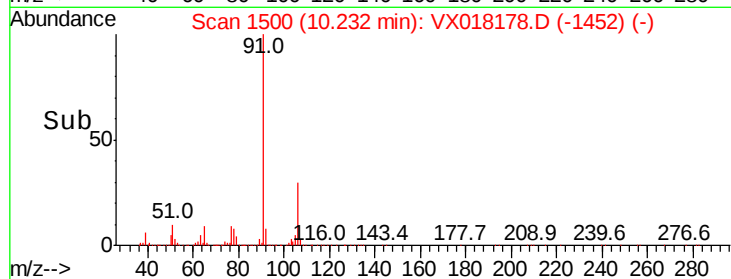
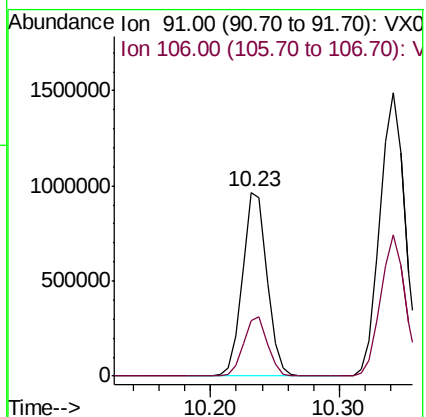
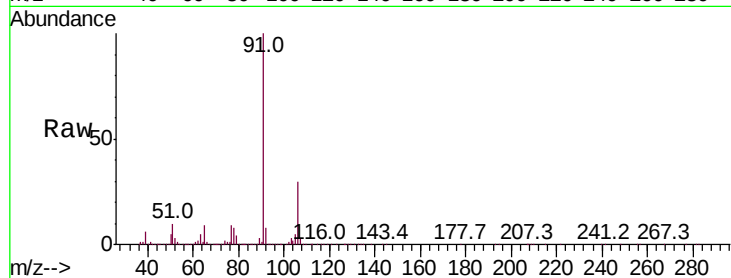
VSTDCCC050

Tot Ion: 91 Resp: 1269707

Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3



#68

m/p-Xylenes

Concen: 113.724 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018178.D

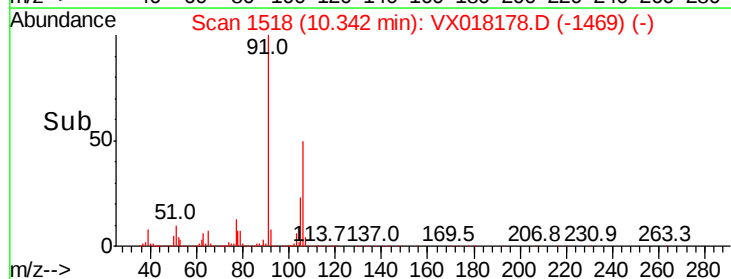
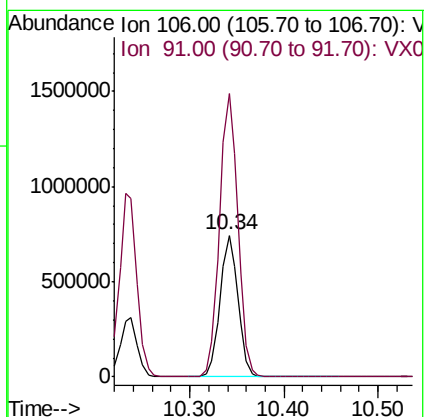
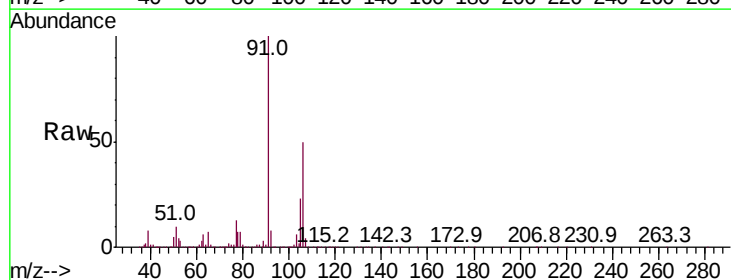
Acq: 01 Sep 2020 09:31

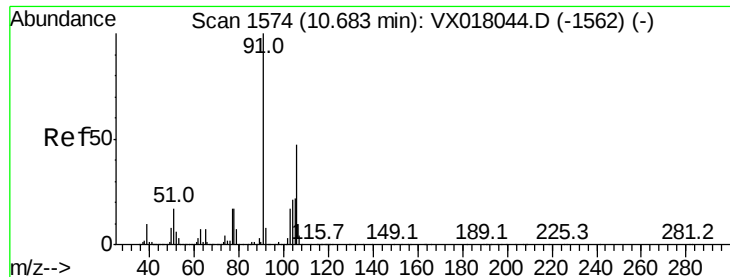
Tgt Ion: 106 Resp: 982397

Ion Ratio Lower Upper

106 100

91 204.1 162.2 243.2

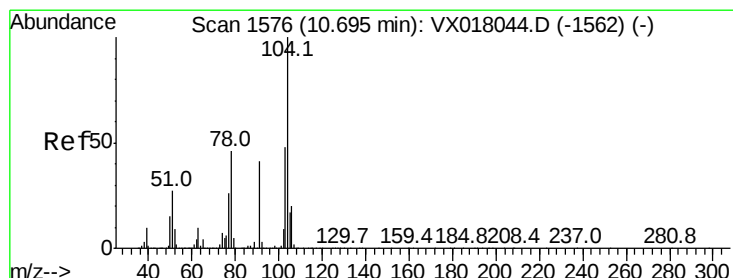
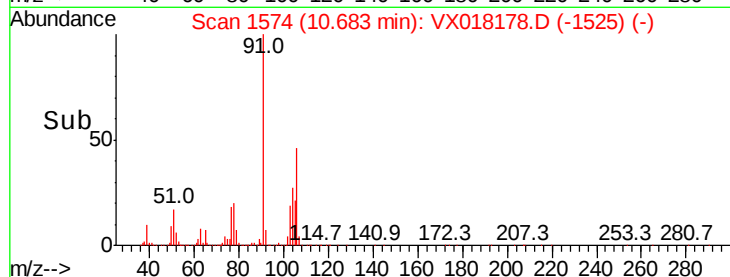
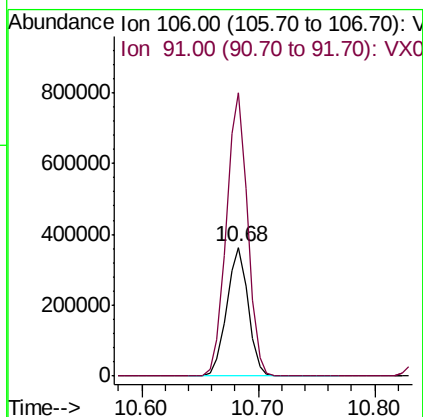
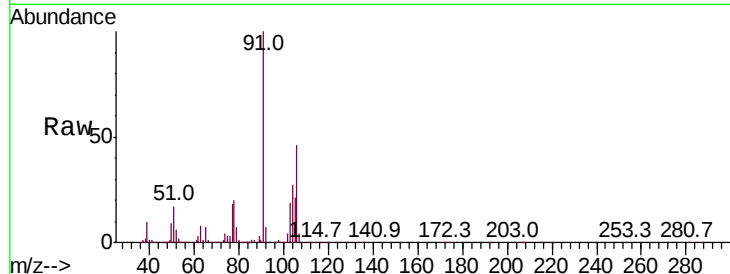




#69
o-Xylene
Concen: 55.282 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

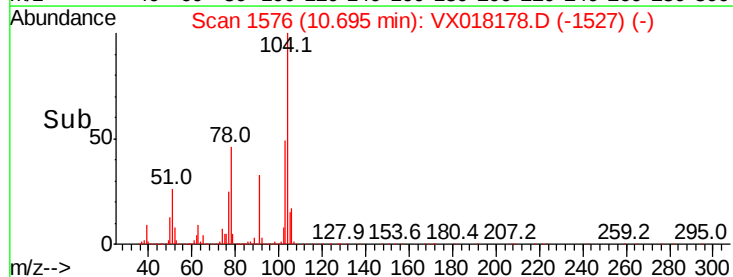
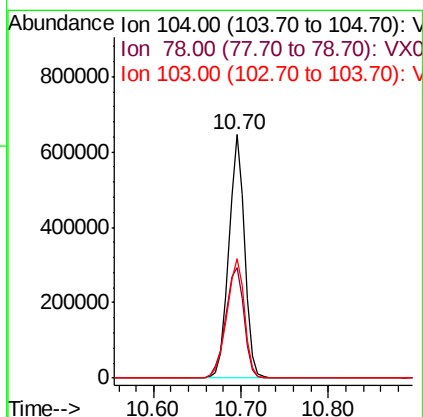
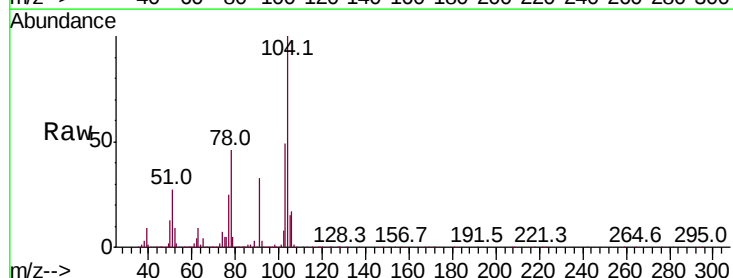
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

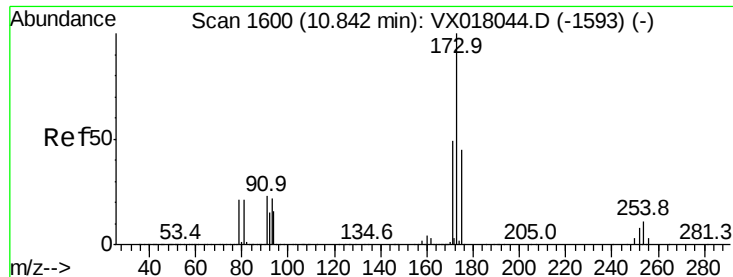
Tot Ion:106 Resp: 462935
Ion Ratio Lower Upper
106 100
91 218.1 107.1 321.3



#70
Styrene
Concen: 56.823 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion:104 Resp: 810349
Ion Ratio Lower Upper
104 100
78 52.7 40.9 61.3
103 54.9 43.6 65.4





#71

Bromoform

Concen: 56.244 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

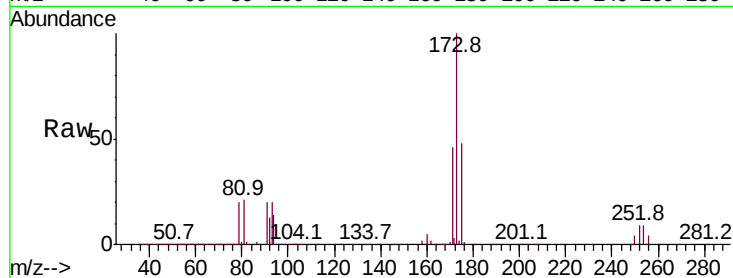
Tot Ion:173 Resp: 257326

Ion Ratio Lower Upper

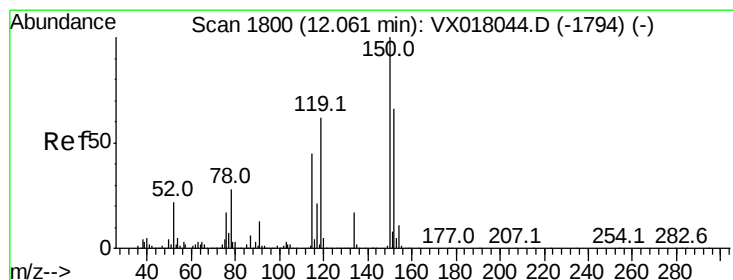
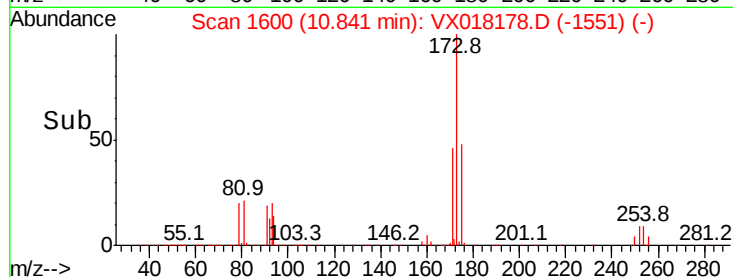
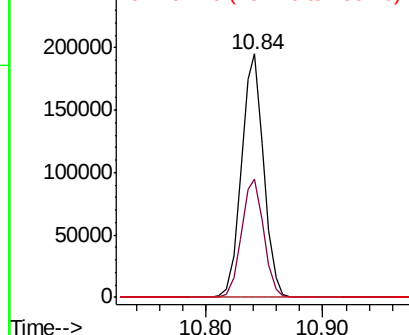
173 100

175 48.6 23.9 71.8

254 0.1 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: VX018178.D

Acq: 01 Sep 2020 09:31

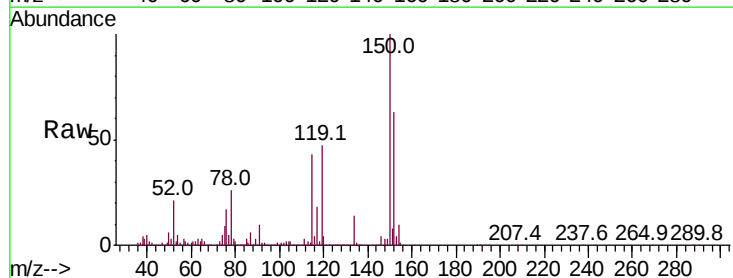
Tgt Ion:152 Resp: 366042

Ion Ratio Lower Upper

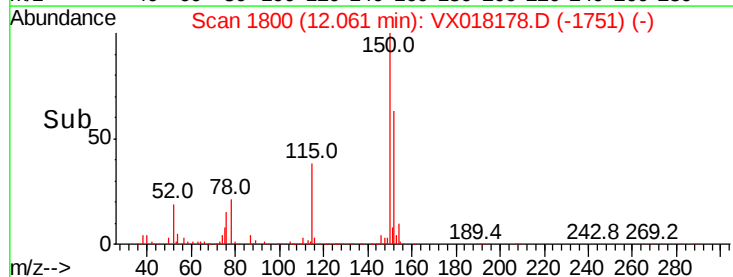
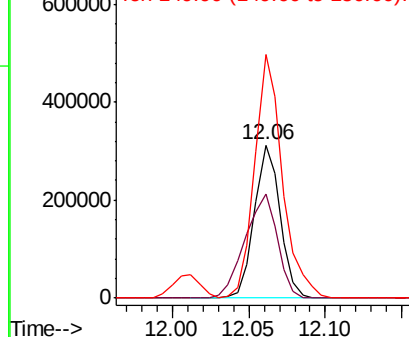
152 100

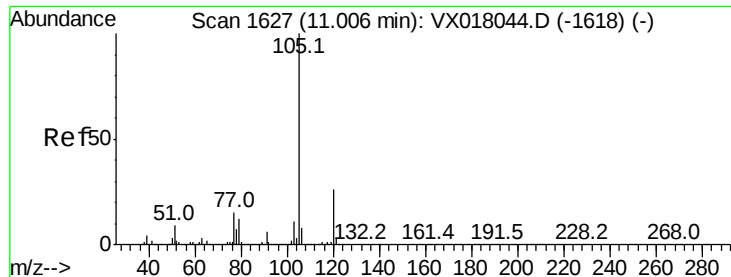
115 84.9 41.5 124.5

150 171.4 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: 53.640 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

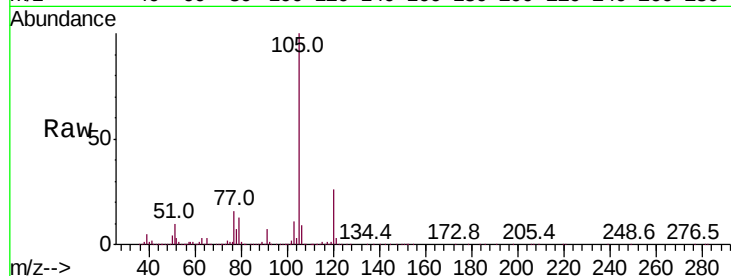
VSTDCCC050

Tot Ion:105 Resp: 1295105

Ion Ratio Lower Upper

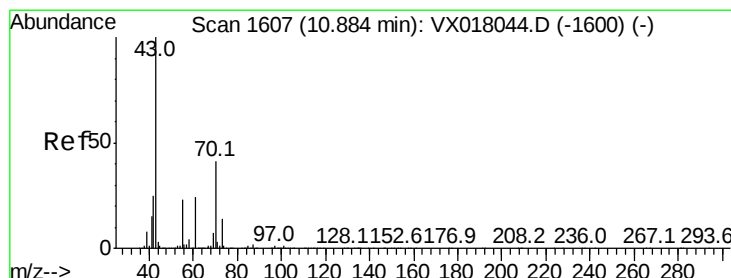
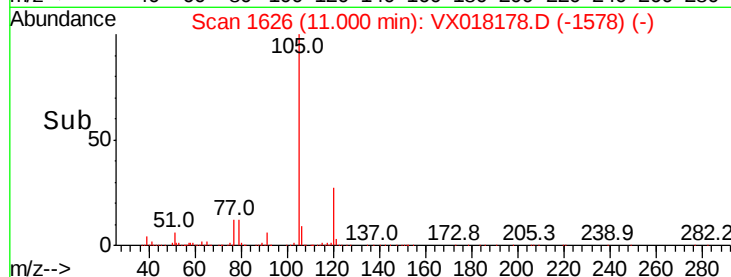
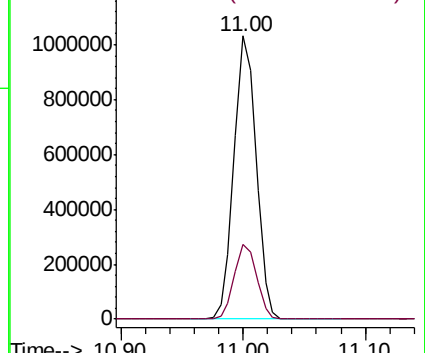
105 100

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: 48.276 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Tgt Ion: 43 Resp: 553039

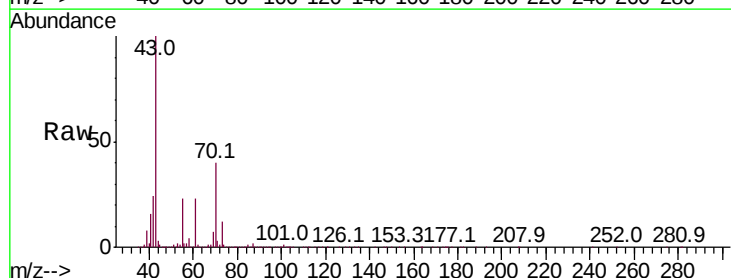
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.8 18.2 27.2

61 23.6 18.9 28.3

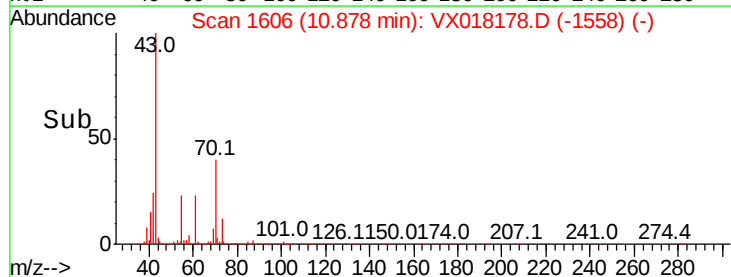
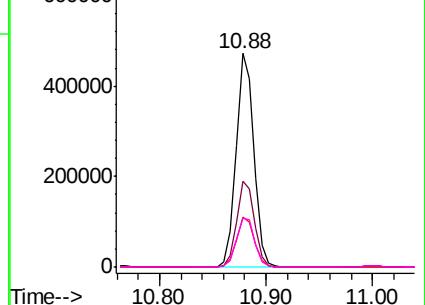


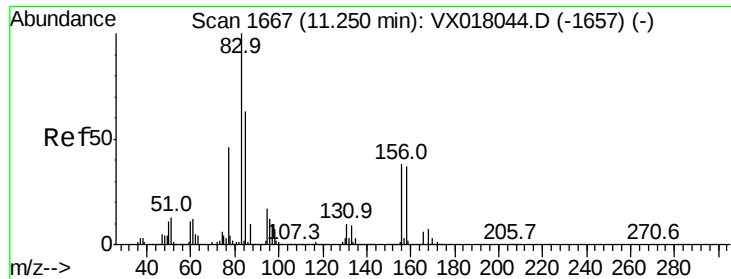
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.823 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

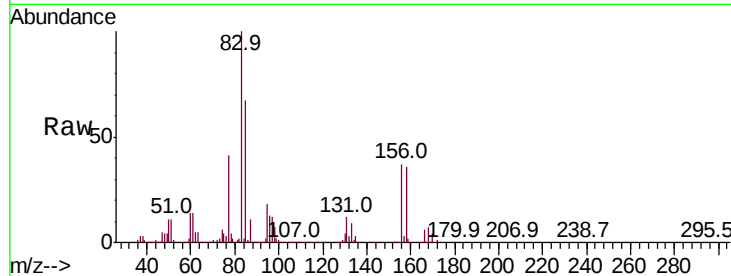
Tot Ion: 83 Resp: 381776

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

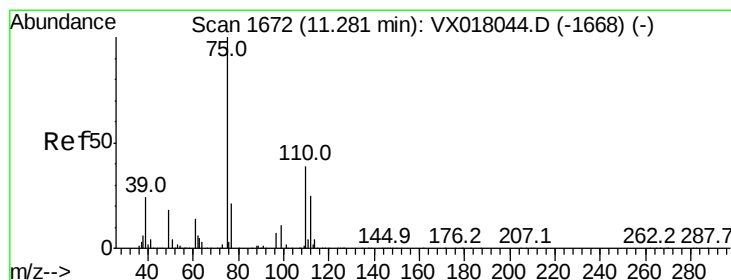
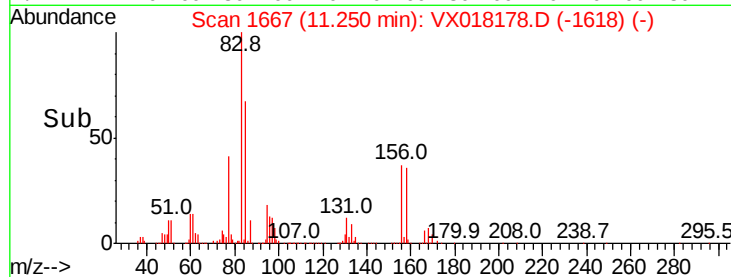
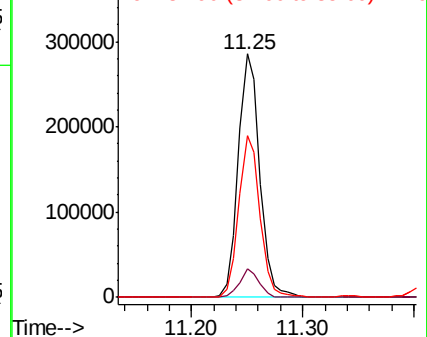
85 65.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.097 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018178.D

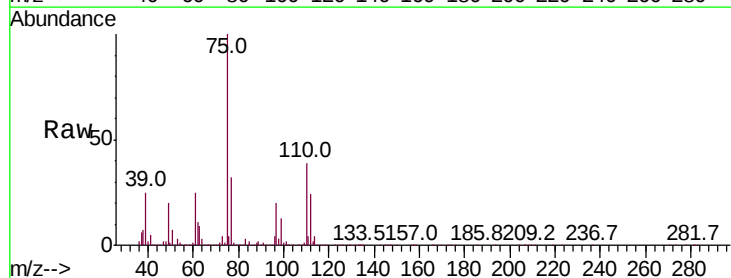
Acq: 01 Sep 2020 09:31

Tgt Ion: 75 Resp: 489355

Ion Ratio Lower Upper

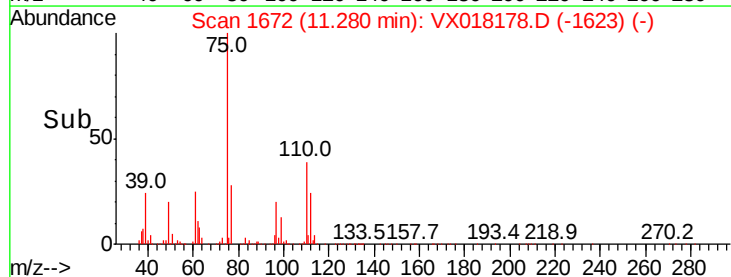
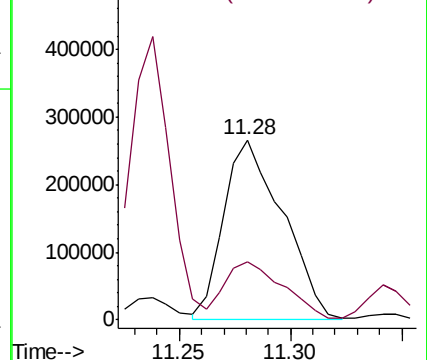
75 100

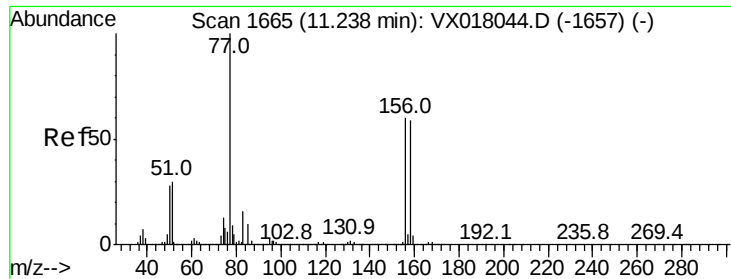
77 32.1 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.423 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

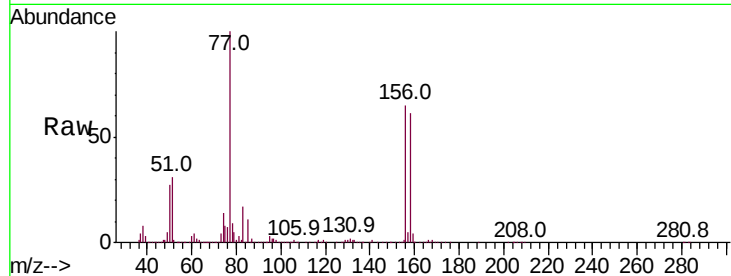
Tot Ion:156 Resp: 336523

Ion Ratio Lower Upper

156 100

77 156.9 80.0 240.2

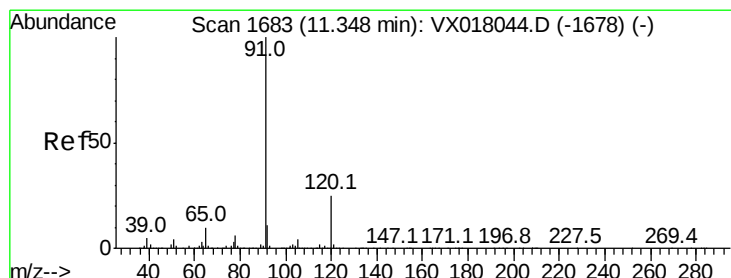
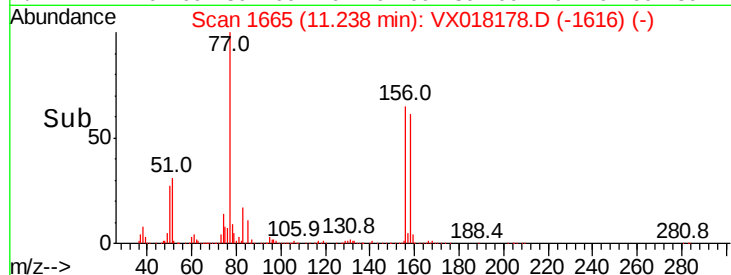
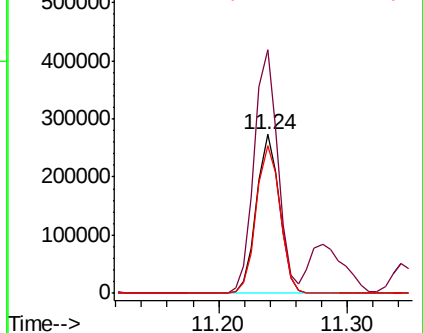
158 95.8 49.5 148.7



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: 54.763 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018178.D

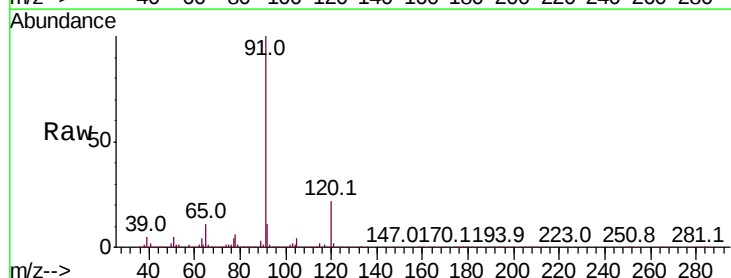
Acq: 01 Sep 2020 09:31

Tgt Ion: 91 Resp: 1501330

Ion Ratio Lower Upper

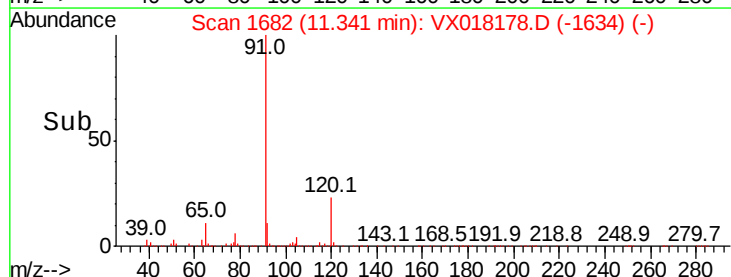
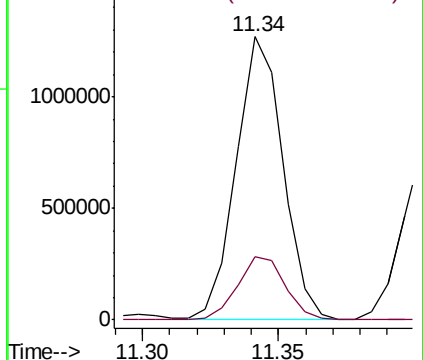
91 100

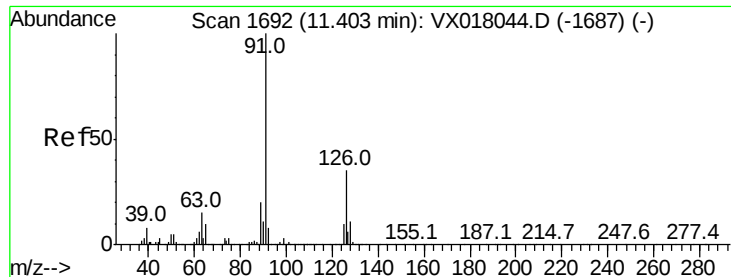
120 23.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.356 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

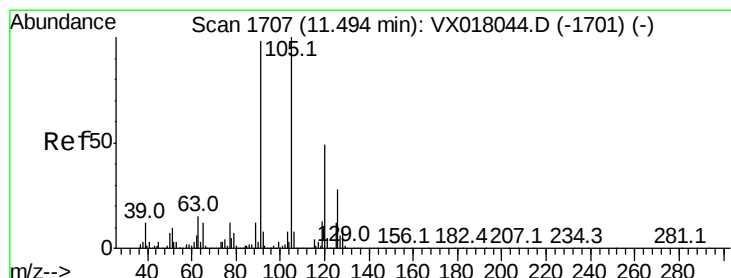
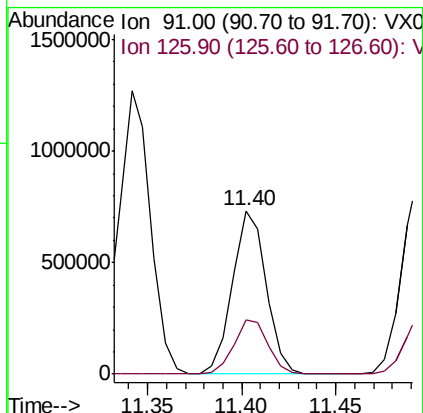
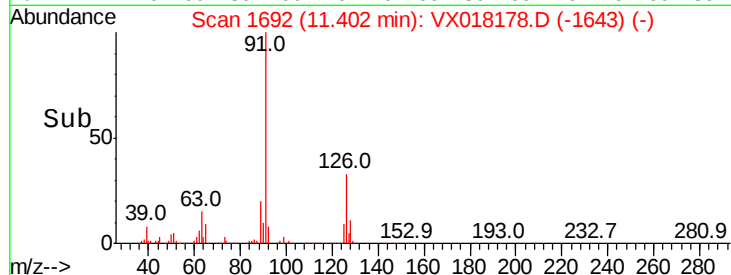
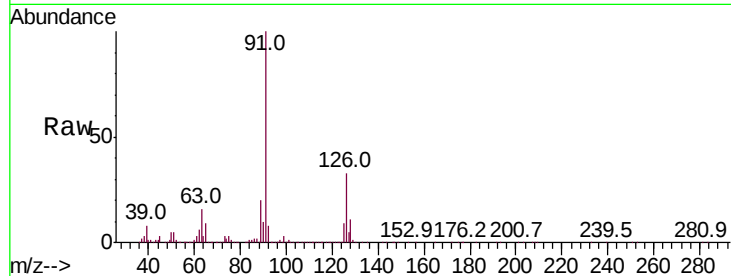
VSTDCCC050

Tot Ion: 91 Resp: 903729

Ion Ratio Lower Upper

91 100

126 33.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 56.339 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018178.D

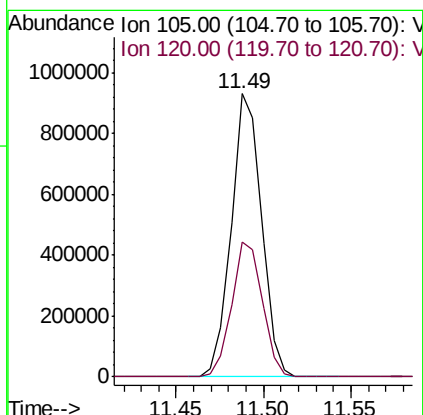
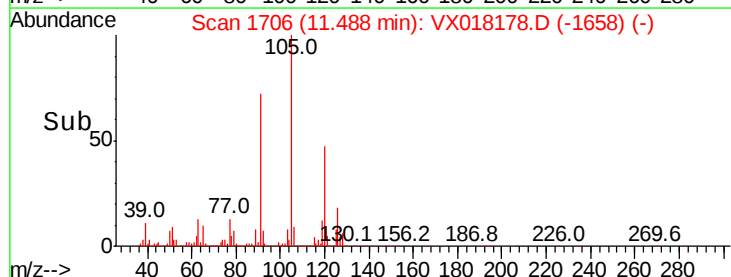
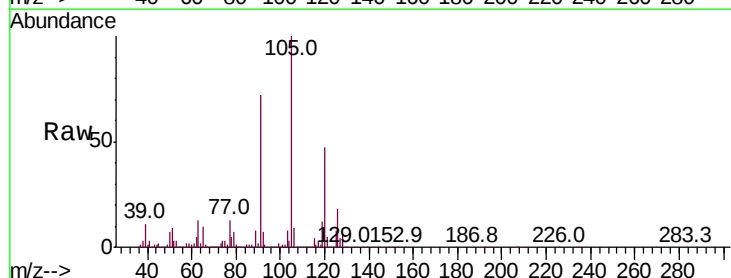
Acq: 01 Sep 2020 09:31

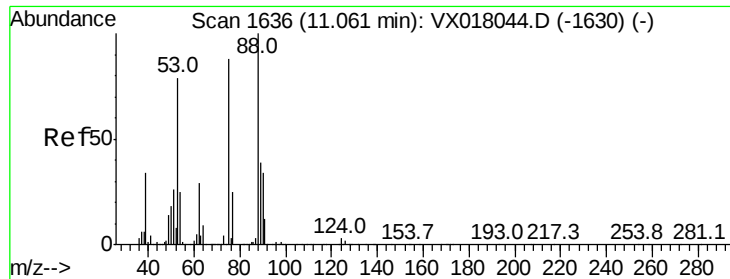
Tgt Ion: 105 Resp: 1117816

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.815 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

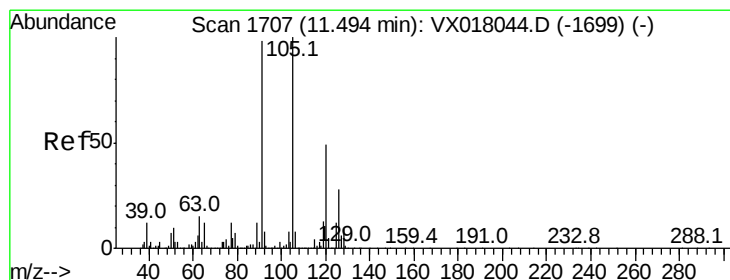
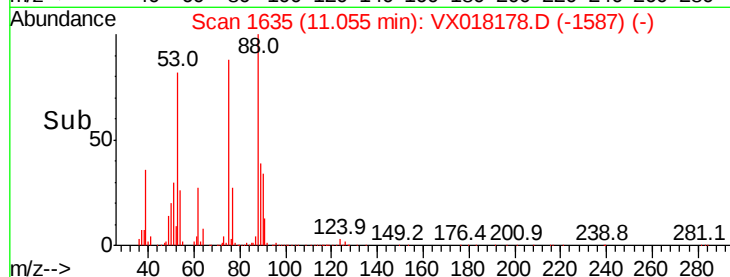
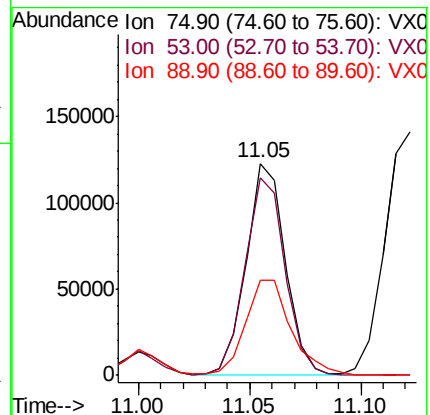
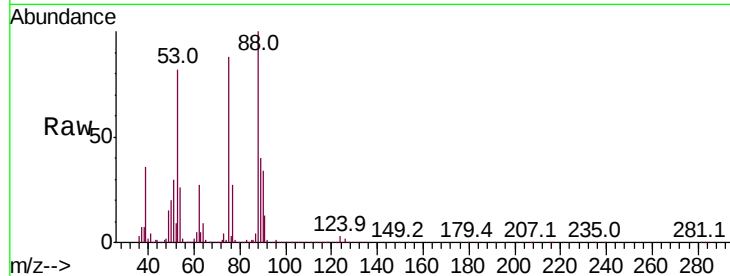
Tot Ion: 75 Resp: 150186

Ion Ratio Lower Upper

75 100

53 95.8 74.7 112.1

89 53.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 53.585 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018178.D

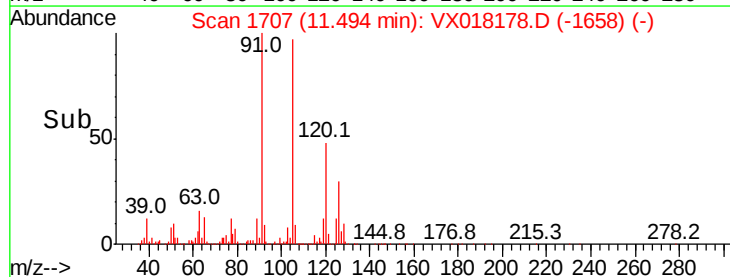
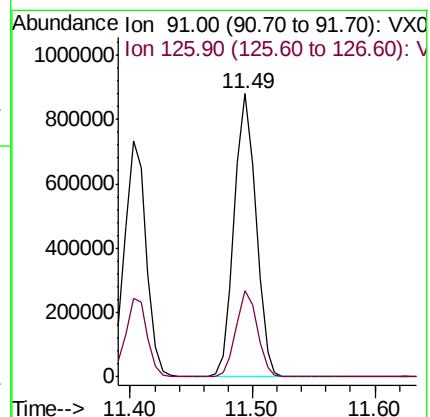
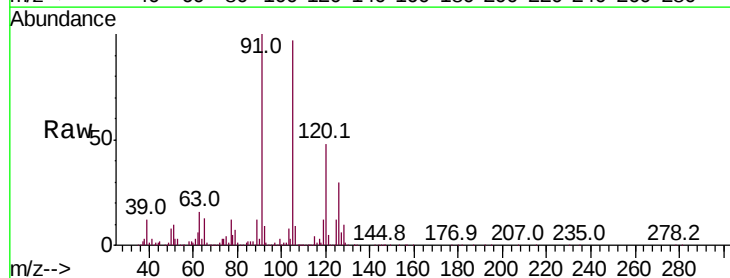
Acq: 01 Sep 2020 09:31

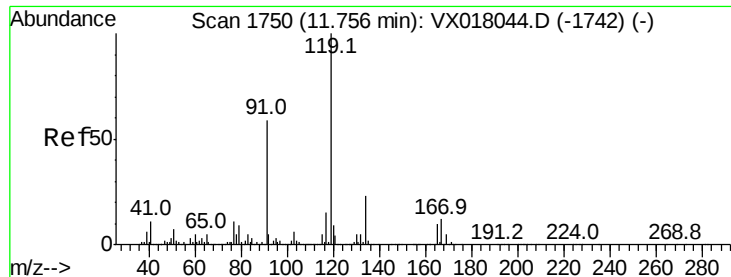
Tgt Ion: 91 Resp: 1078950

Ion Ratio Lower Upper

91 100

126 29.6 15.1 45.3

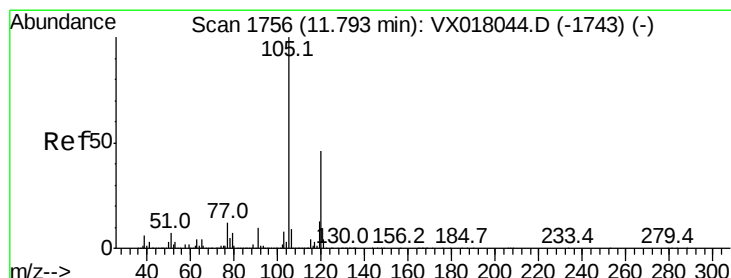
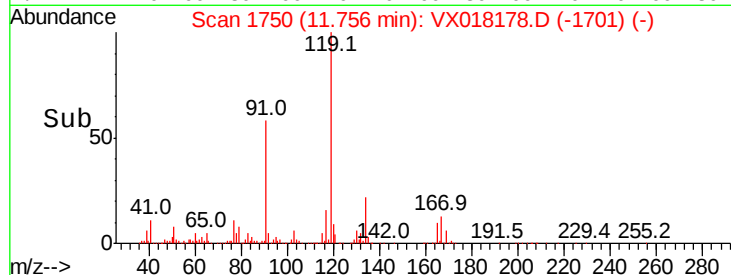
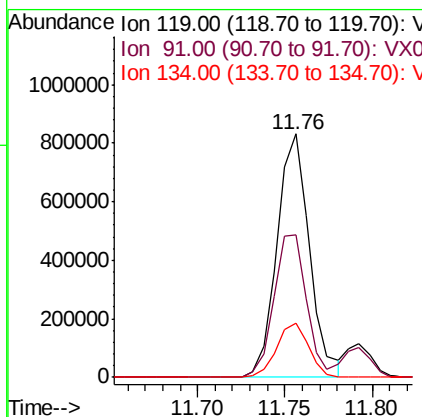
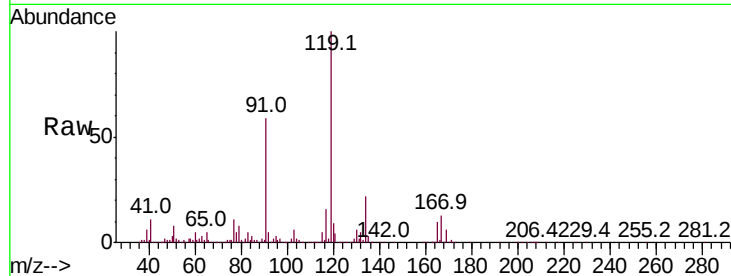




#83
 tert-Butylbenzene
 Concen: 54.951 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

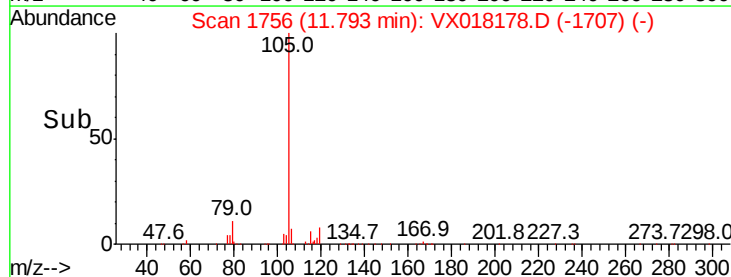
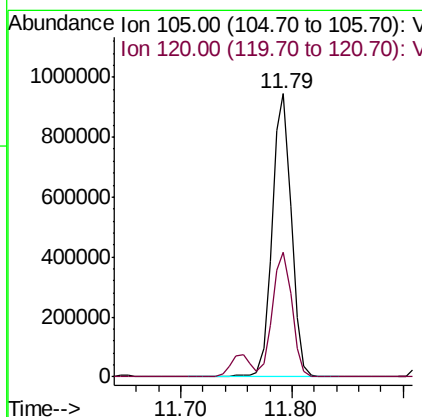
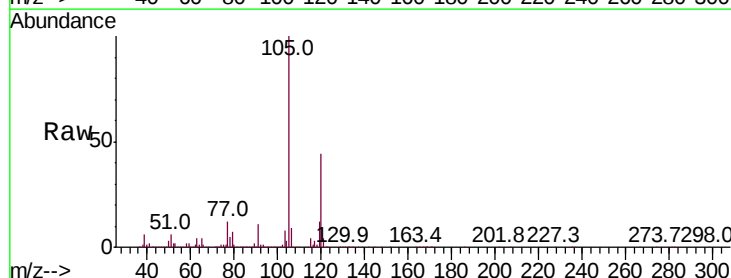
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

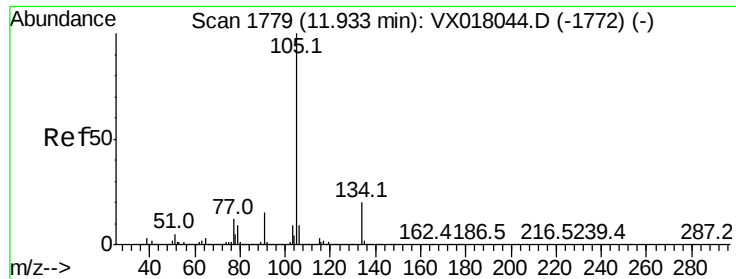
Tot Ion:119 Resp: 1075956
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.2 84.7
 134 22.0 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 55.827 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion:105 Resp: 1132454
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 56.855 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

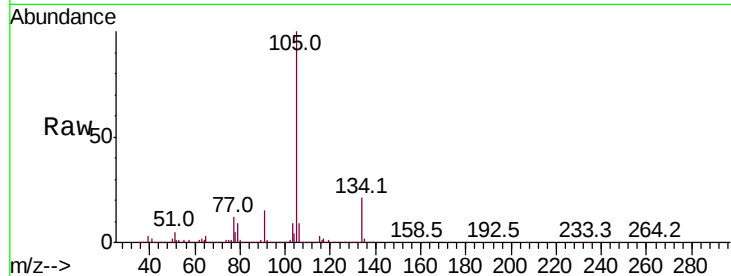
VSTDCCC050

Tot Ion:105 Resp: 1265971

Ion Ratio Lower Upper

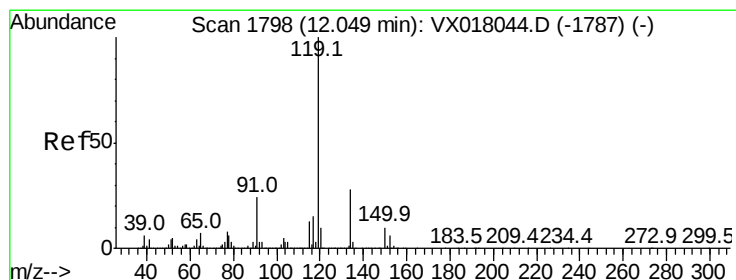
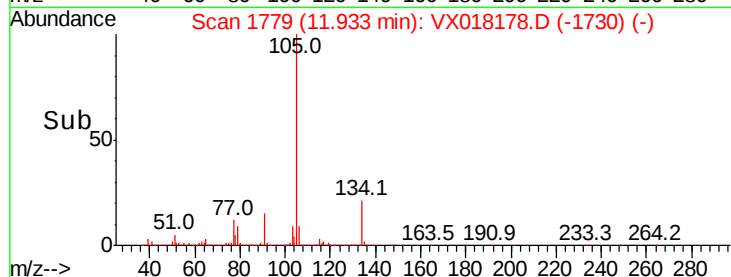
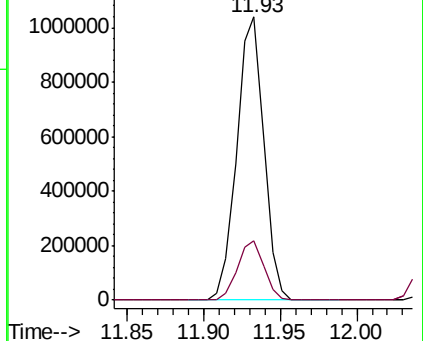
105 100

134 20.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.137 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

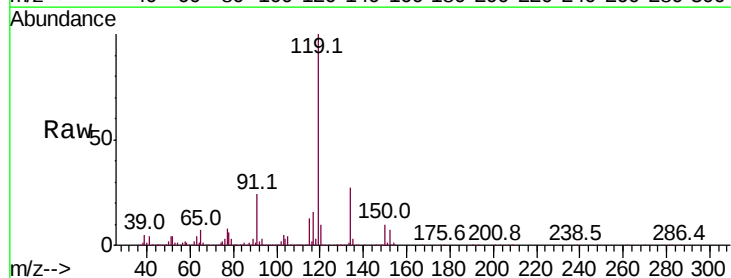
Tgt Ion:119 Resp: 1209546

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

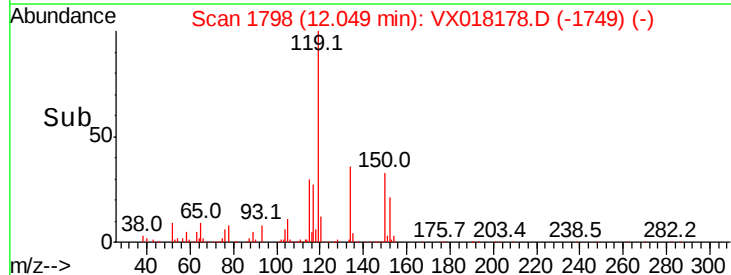
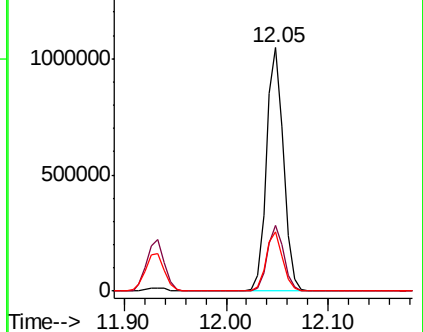
91 24.1 11.8 35.4

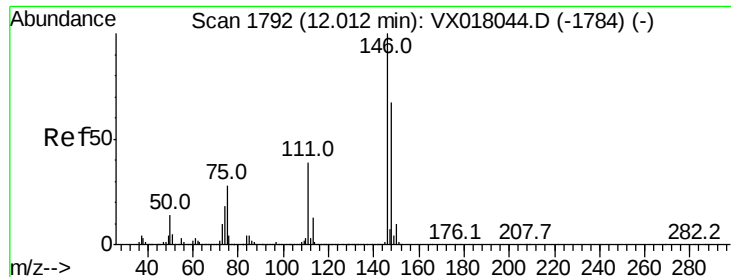


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.900 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

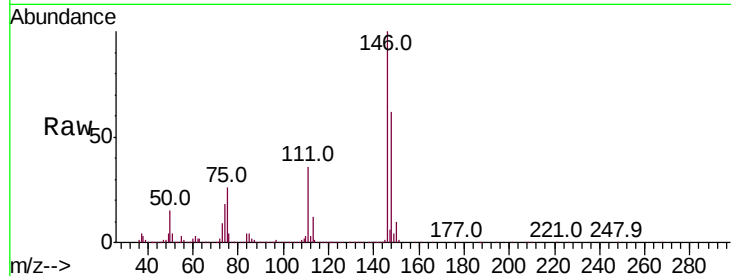
Tot Ion:146 Resp: 619872

Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.8

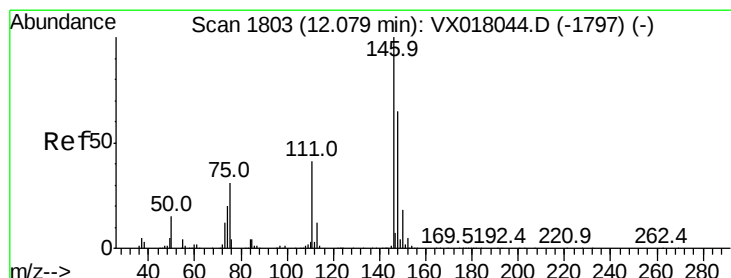
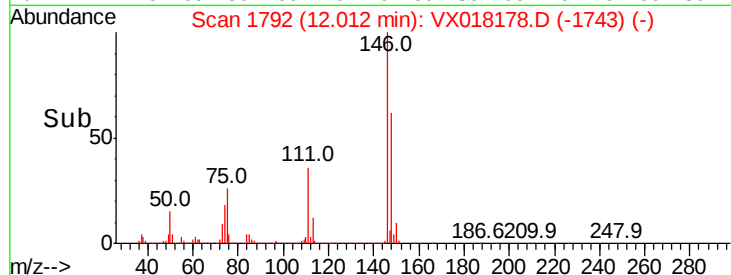
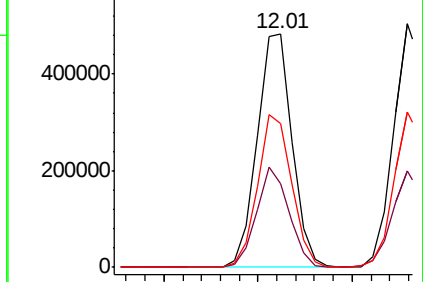
148 63.8 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.605 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

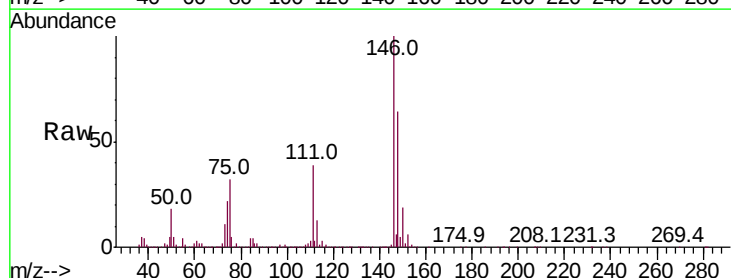
Tgt Ion:146 Resp: 617185

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

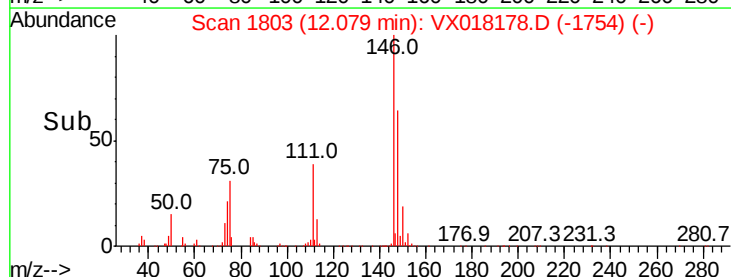
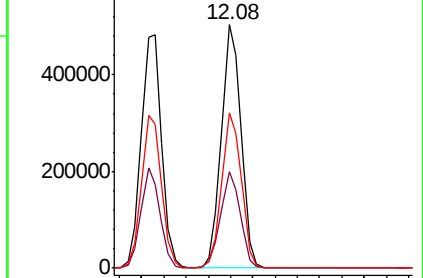
148 63.6 33.1 99.2

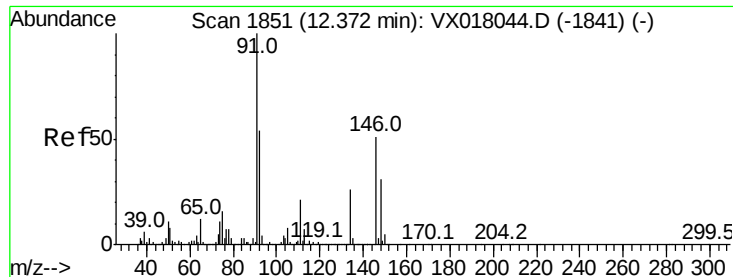


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

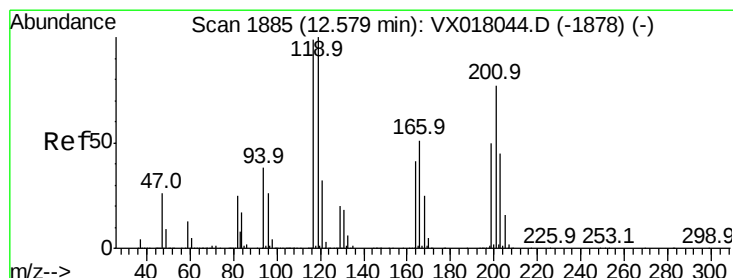
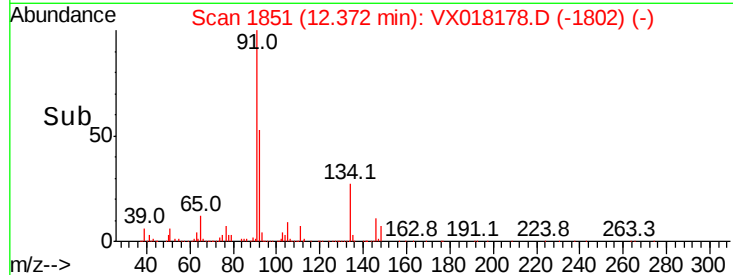
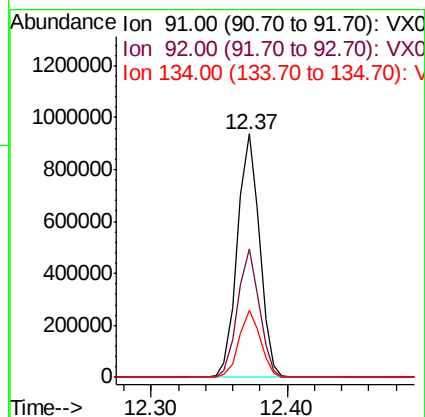
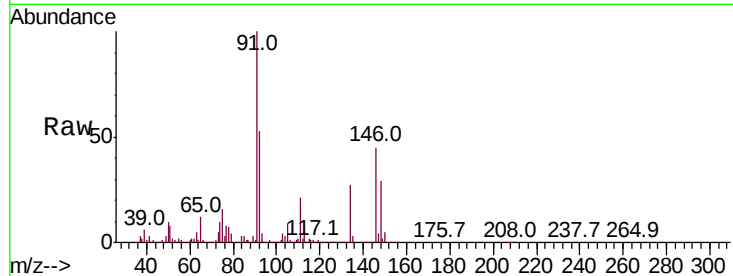




#89
n-Butylbenzene
Concen: 56.899 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

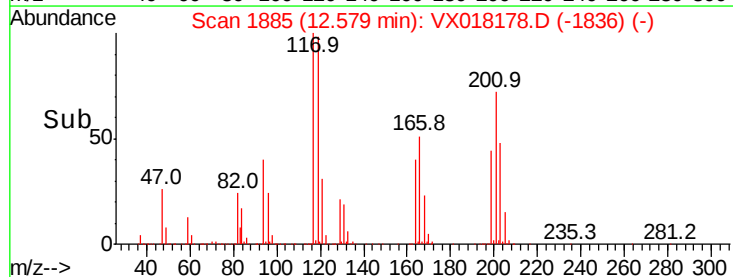
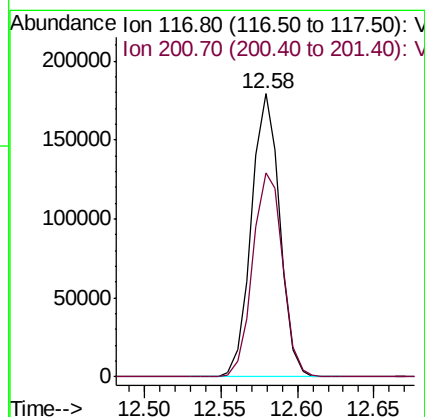
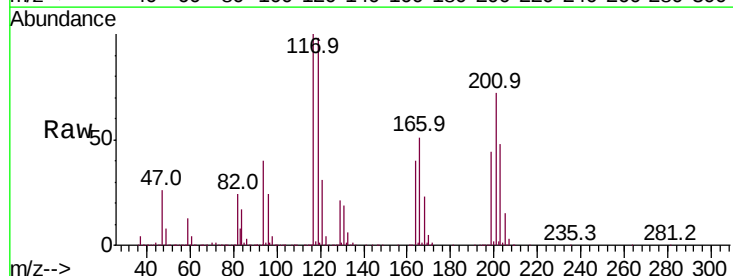
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

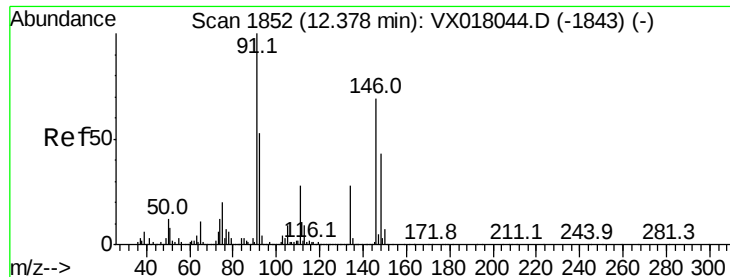
Tot Ion: 91 Resp: 1062207
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.2
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 57.321 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018178.D
Acq: 01 Sep 2020 09:31

Tgt Ion: 117 Resp: 230666
Ion Ratio Lower Upper
117 100
201 76.5 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 52.881 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

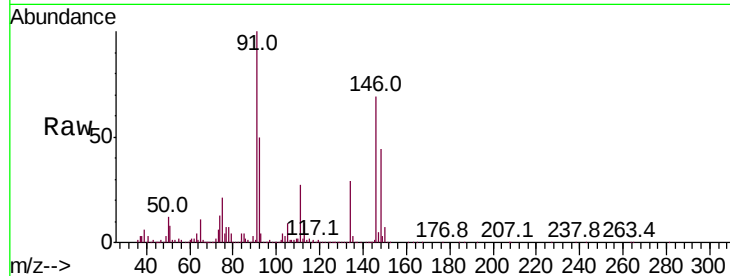
Tot Ion:146 Resp: 583284

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.5

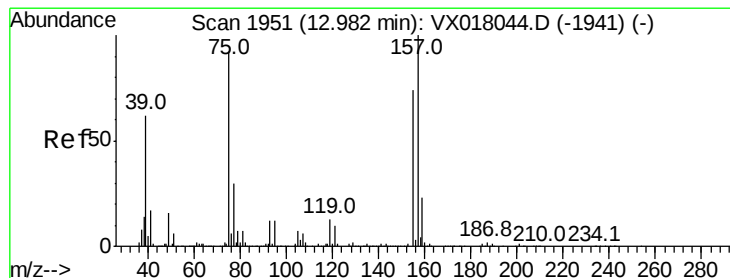
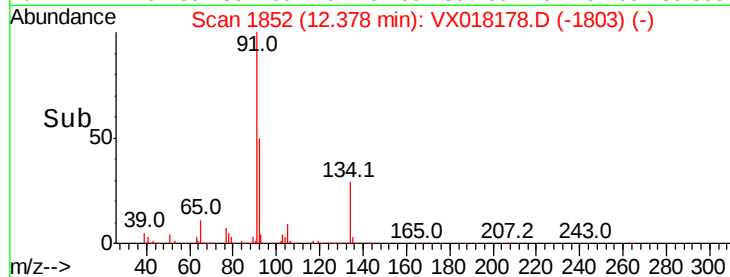
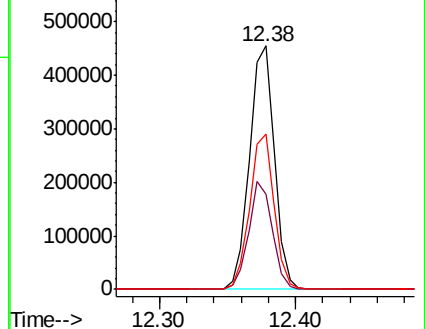
148 62.5 31.6 95.0



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: 46.190 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

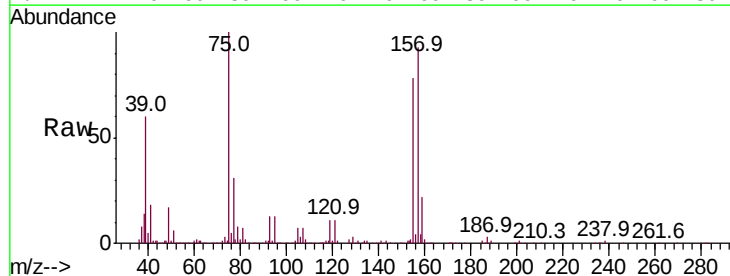
Tgt Ion: 75 Resp: 98369

Ion Ratio Lower Upper

75 100

155 83.2 40.2 120.6

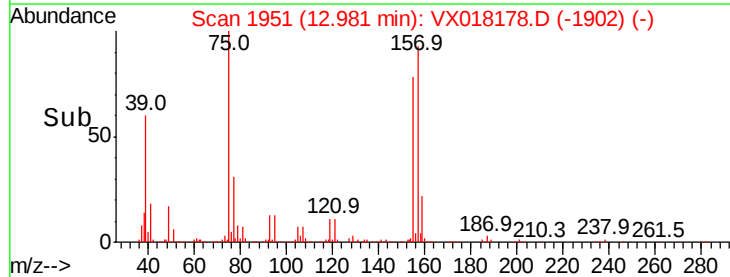
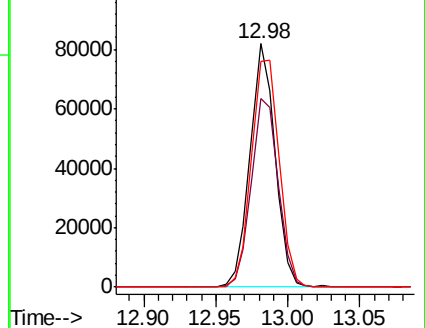
157 103.5 55.0 165.2

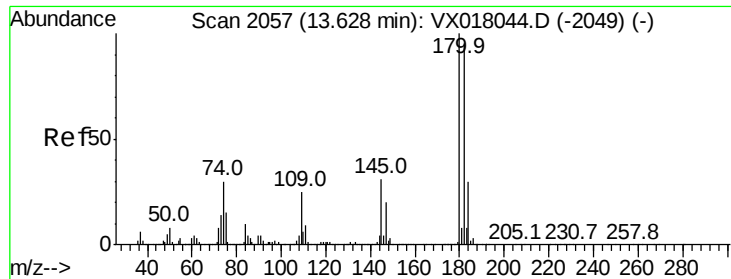


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

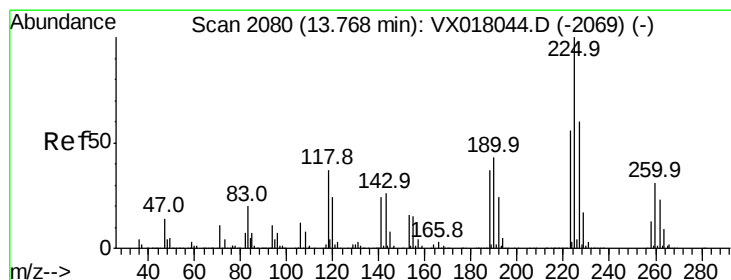
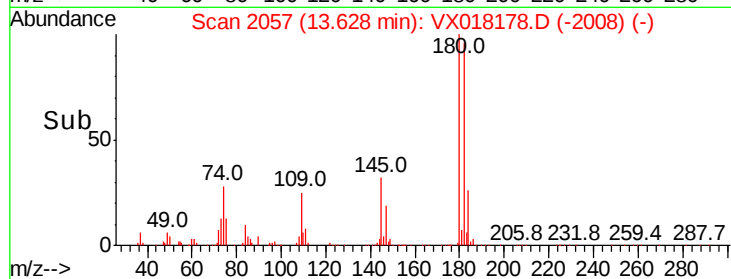
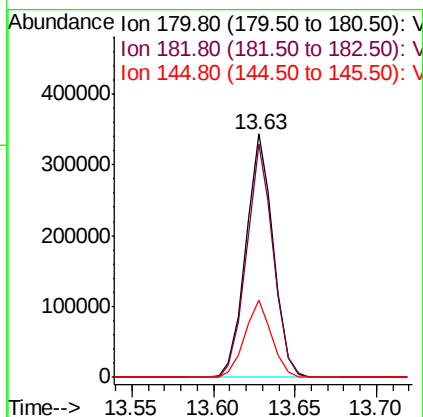
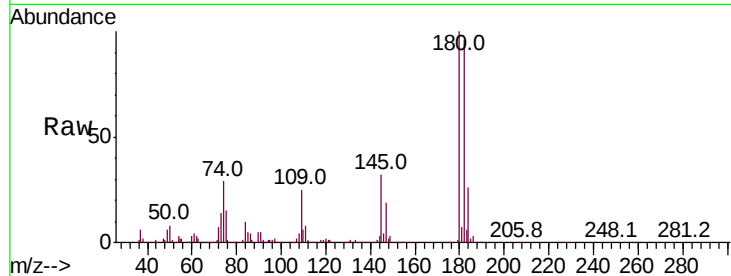




#93
 1,2,4-Trichlorobenzene
 Concen: 54.396 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

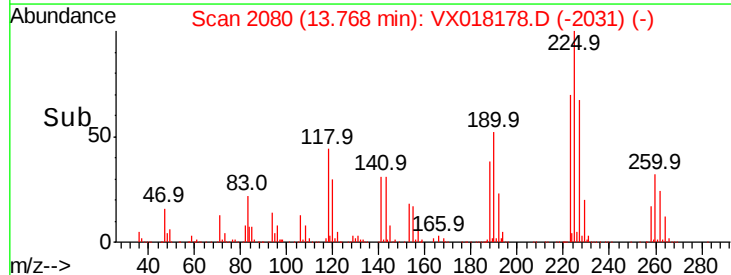
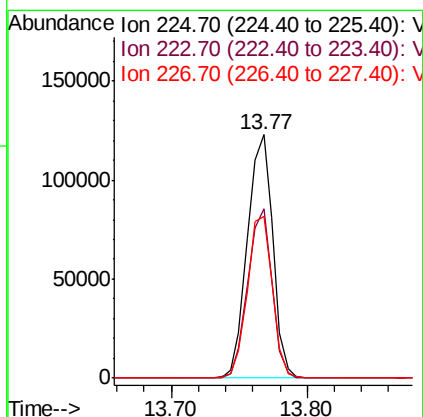
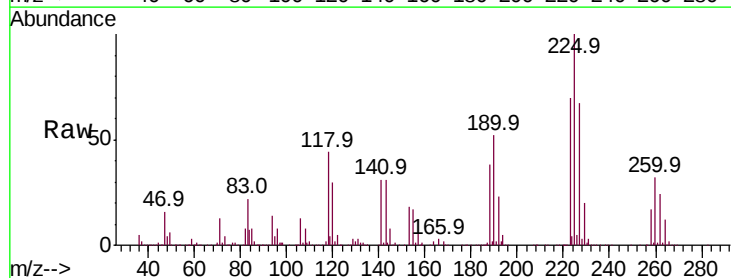
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

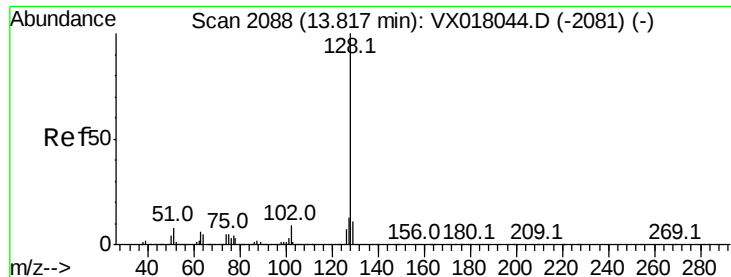
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.6
145	31.5	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 55.681 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018178.D
 Acq: 01 Sep 2020 09:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	30.7	92.1
227	65.5	32.6	97.8





#95

Naphthalene

Concen: 51.583 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

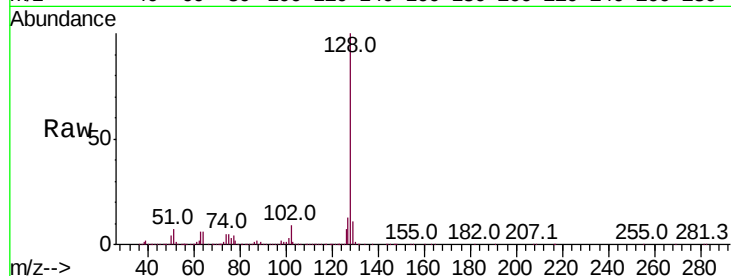
Tot Ion:128 Resp: 1248629

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

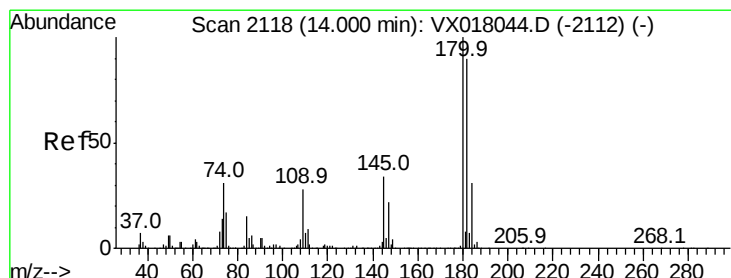
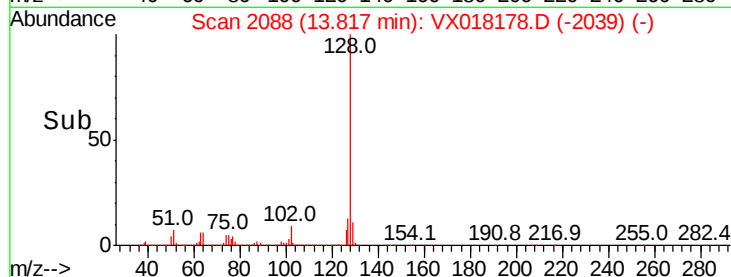
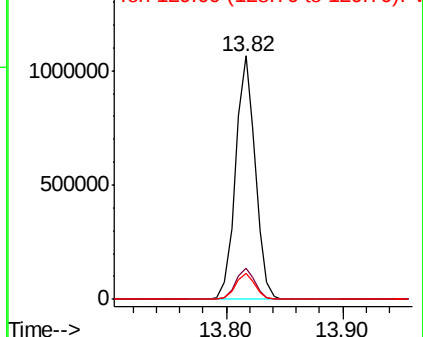
129 10.8 8.7 13.1



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: 54.985 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018178.D

Acq: 01 Sep 2020 09:31

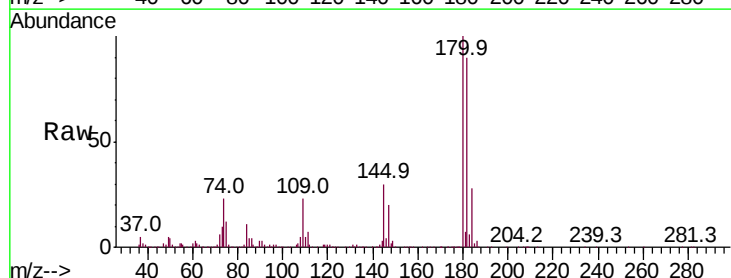
Tgt Ion:180 Resp: 399616

Ion Ratio Lower Upper

180 100

182 92.5 47.3 142.0

145 33.4 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

