

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070620\
 Data File : VX017189.D
 Acq On : 06 Jul 2020 23:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 06:55:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	311220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255077	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	198171	51.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.30%	
35) Dibromofluoromethane	5.46	113	161536	53.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.38%	
50) Toluene-d8	8.70	98	582938	51.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.12	95	238937	54.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	139106	46.201	ug/l	99
3) Chloromethane	1.31	50	145578	39.945	ug/l	99
4) Vinyl Chloride	1.39	62	147654	43.667	ug/l	99
5) Bromomethane	1.62	94	84776	47.454	ug/l	99
6) Chloroethane	1.71	64	92706	46.421	ug/l	99
7) Trichlorofluoromethane	1.92	101	249119	49.814	ug/l	96
8) Diethyl Ether	2.17	74	85579	50.853	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142835	47.654	ug/l	95
10) Methyl Iodide	2.49	142	151255	39.108	ug/l	99
11) Tert butyl alcohol	3.01	59	180832	247.061	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142164	46.171	ug/l	98
13) Acrolein	2.27	56	55427	126.680	ug/l	99
14) Allyl chloride	2.71	41	253671	44.579	ug/l	97
15) Acrylonitrile	3.12	53	420538	239.005	ug/l	99
16) Acetone	2.42	43	349049	243.192	ug/l	98
17) Carbon Disulfide	2.55	76	396840	46.187	ug/l	100
18) Methyl Acetate	2.75	43	187426	50.023	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	518454	50.170	ug/l	100
20) Methylene Chloride	2.84	84	168850	51.315	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164406	48.114	ug/l	98
22) Diisopropyl ether	3.82	45	504275	47.880	ug/l	99
23) Vinyl Acetate	3.79	43	2235474	247.008	ug/l	99
24) 1,1-Dichloroethane	3.67	63	285318	47.612	ug/l	100
25) 2-Butanone	4.64	43	571149	238.820	ug/l	99
26) 2,2-Dichloropropane	4.55	77	214275	40.270	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	181535	46.888	ug/l	98
28) Bromochloromethane	4.98	49	137333	47.094	ug/l	94
29) Tetrahydrofuran	5.09	42	370837	234.685	ug/l	99
30) Chloroform	5.18	83	300407	48.902	ug/l	96
31) Cyclohexane	5.55	56	237101	45.773	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	276109	48.804	ug/l	98
36) 1,1-Dichloropropene	5.77	75	215155	47.415	ug/l	98
37) Ethyl Acetate	4.79	43	222226	48.268	ug/l	99
38) Carbon Tetrachloride	5.75	117	254190	50.859	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	236497	46.843	ug/l	97
40) Benzene	6.12	78	638792	47.912	ug/l	99
41) Methacrylonitrile	5.01	41	128087	49.431	ug/l	98
42) 1,2-Dichloroethane	6.16	62	243119	50.484	ug/l	100
43) Isopropyl Acetate	6.42	43	369593	48.310	ug/l	99
44) Trichloroethene	7.19	130	187197	50.887	ug/l	99
45) 1,2-Dichloropropane	7.49	63	165511	48.334	ug/l	99
46) Dibromomethane	7.64	93	117356	50.198	ug/l	96
47) Bromodichloromethane	7.88	83	246074	51.075	ug/l	97
48) Methyl methacrylate	7.74	41	183506	50.487	ug/l	97
49) 1,4-Dioxane	7.71	88	82301	999.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1144031	250.860	ug/l	100
52) Toluene	8.77	92	413058	49.622	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	264077	49.678	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	276240	48.476	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	172622	50.757	ug/l	98
56) Ethyl methacrylate	9.16	69	253716	52.413	ug/l	99
57) 1,3-Dichloropropane	9.35	76	280728	48.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	641412	266.238	ug/l	99
59) 2-Hexanone	9.48	43	864422	259.536	ug/l	99
60) Dibromochloromethane	9.57	129	206695	52.327	ug/l	99
61) 1,2-Dibromoethane	9.65	107	185501	50.743	ug/l	99
64) Tetrachloroethene	9.32	164	180554	47.826	ug/l	96
65) Chlorobenzene	10.12	112	454655	47.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	185936	49.973	ug/l	99
67) Ethyl Benzene	10.23	91	789929	48.993	ug/l	100
68) m/p-Xylenes	10.34	106	613228	99.055	ug/l	97
69) o-Xylene	10.68	106	294131	49.943	ug/l	100
70) Styrene	10.70	104	518152	51.666	ug/l	99
71) Bromoform	10.84	173	163208	55.315	ug/l	100
73) Isopropylbenzene	11.00	105	799525	47.853	ug/l	100
74) N-amyl acetate	10.88	43	341242	47.866	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	243560	46.343	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	301920	60.192	ug/l	86
77) Bromobenzene	11.24	156	218510	47.586	ug/l	97
78) n-propylbenzene	11.34	91	902865	47.787	ug/l	99
79) 2-Chlorotoluene	11.40	91	550088	48.107	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	683512	49.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	86310	44.560	ug/l	97
82) 4-Chlorotoluene	11.49	91	653187	47.784	ug/l	98
83) tert-Butylbenzene	11.76	119	674686	49.593	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	701521	49.896	ug/l	100
85) sec-Butylbenzene	11.93	105	774874	48.455	ug/l	100
86) p-Isopropyltoluene	12.05	119	718560	48.268	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391310	46.920	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	393536	50.037	ug/l	99
89) n-Butylbenzene	12.37	91	596382	44.866	ug/l	99
90) Hexachloroethane	12.58	117	136553	46.514	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	371315	47.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56558	45.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	247367	46.490	ug/l	98
94) Hexachlorobutadiene	13.77	225	90345	44.828	ug/l	98
95) Naphthalene	13.82	128	810695	50.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	252559	49.047	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

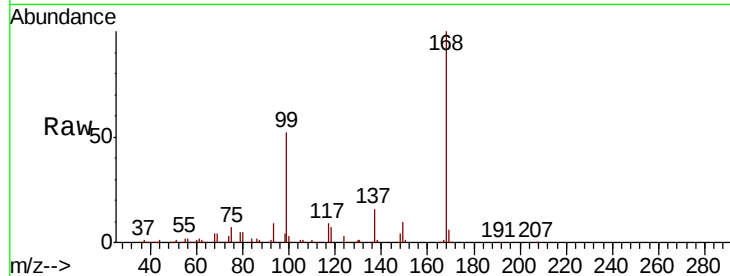
VSTDCCC050EC

Tot Ion:168 Resp: 311220

Ion Ratio Lower Upper

168 100

99 52.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

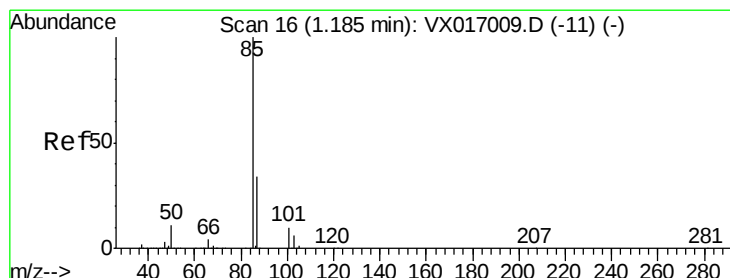
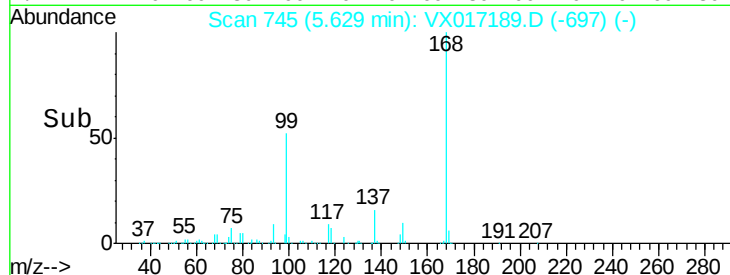
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.201 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017189.D

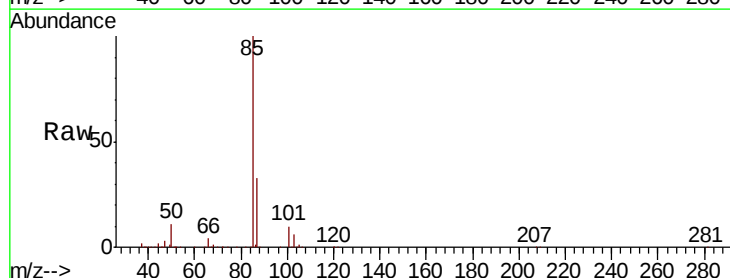
Acq: 06 Jul 2020 23:14

Tgt Ion: 85 Resp: 139106

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

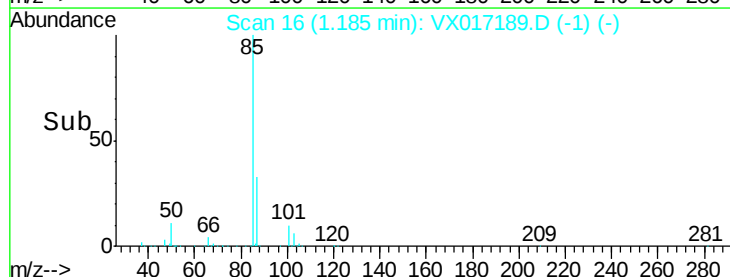
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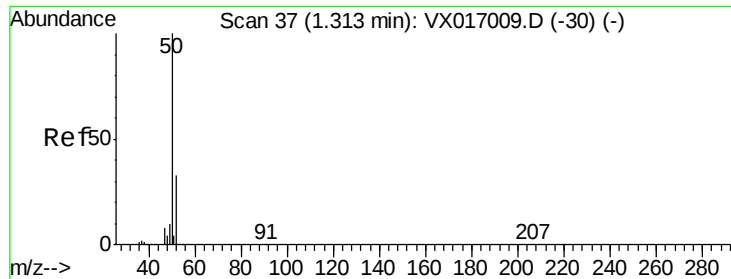
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 39.945 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

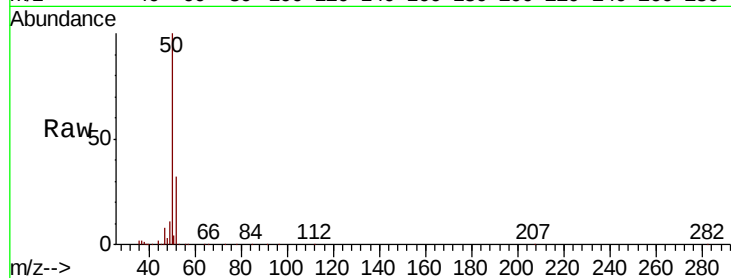
VSTDCCC050EC

Tot Ion: 50 Resp: 145578

Ion Ratio Lower Upper

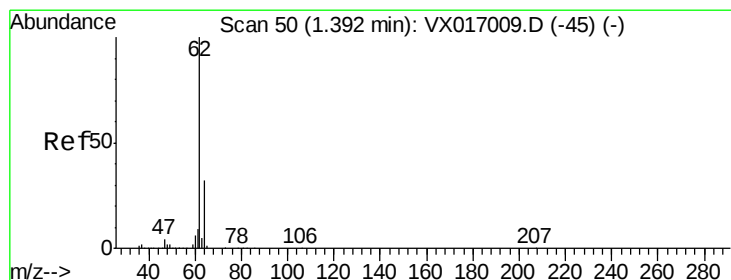
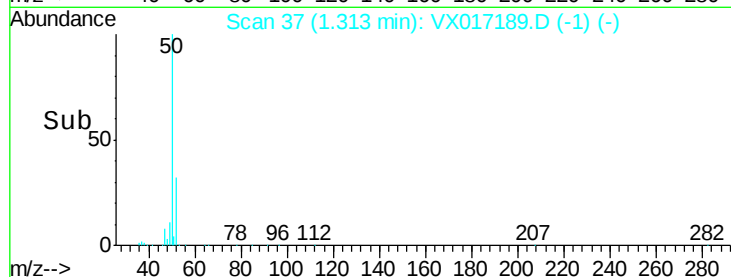
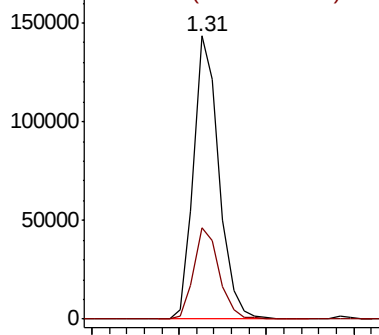
50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.667 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017189.D

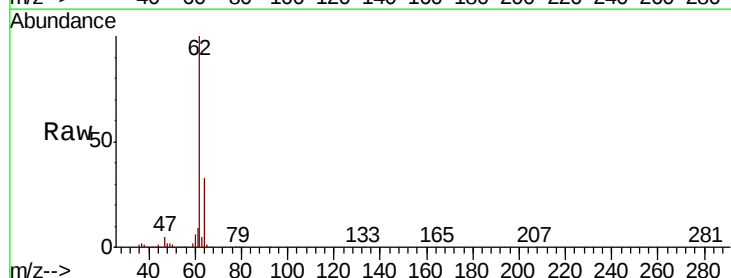
Acq: 06 Jul 2020 23:14

Tgt Ion: 62 Resp: 147654

Ion Ratio Lower Upper

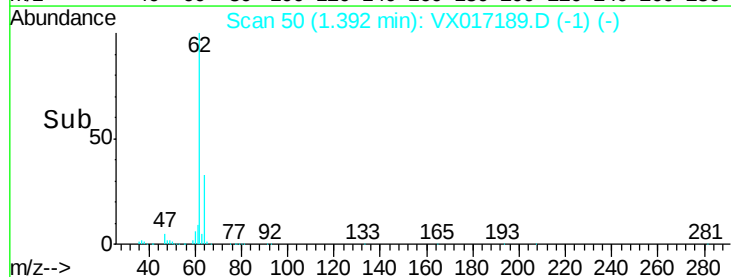
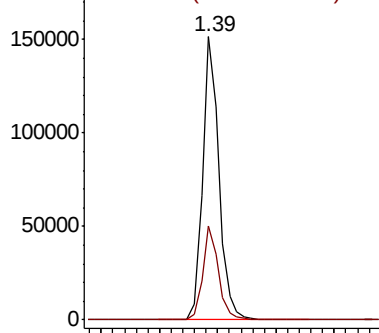
62 100

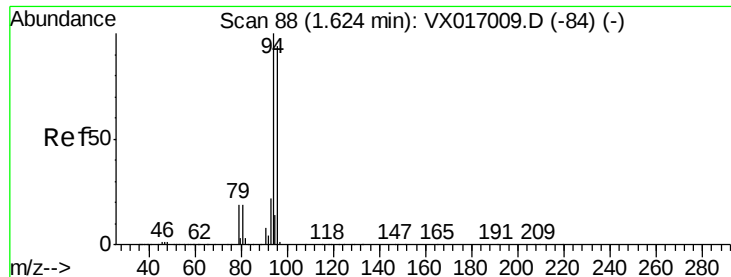
64 33.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.454 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

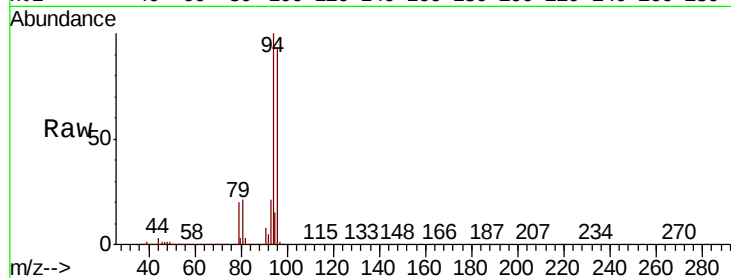
VSTDCCC050EC

Tot Ion: 94 Resp: 84776

Ion Ratio Lower Upper

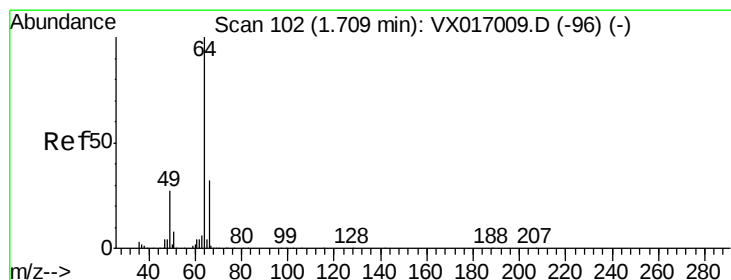
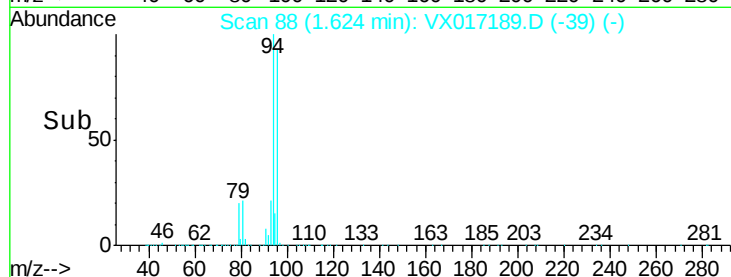
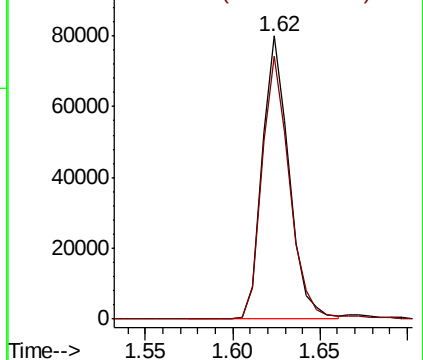
94 100

96 93.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.421 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017189.D

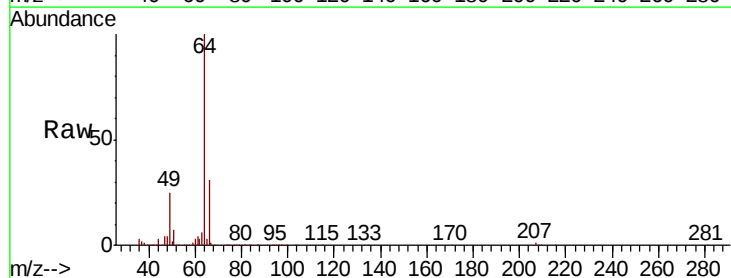
Acq: 06 Jul 2020 23:14

Tgt Ion: 64 Resp: 92706

Ion Ratio Lower Upper

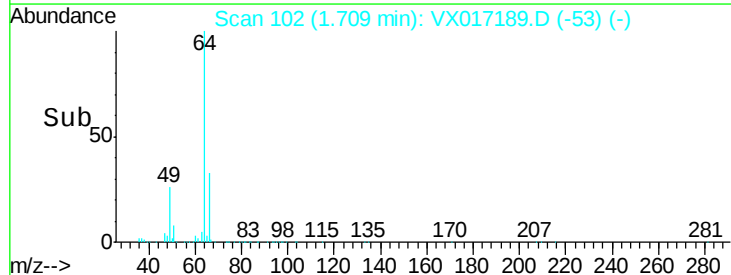
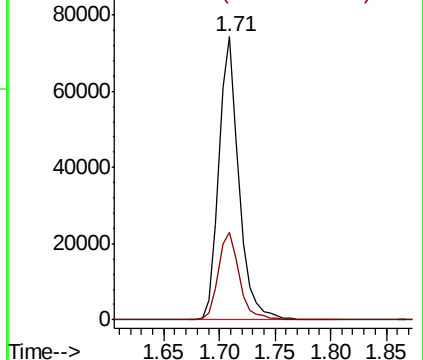
64 100

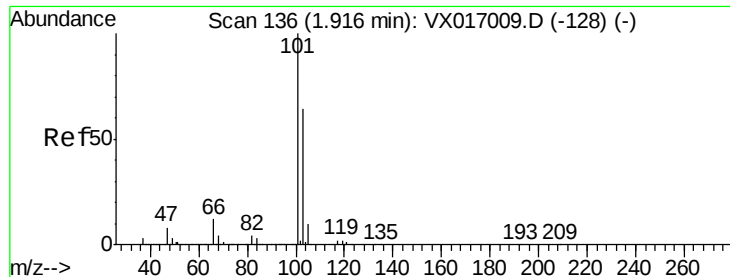
66 31.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



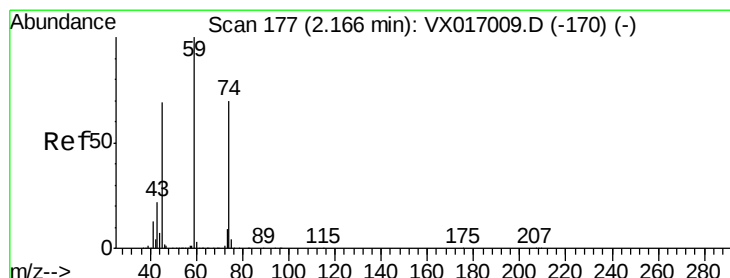
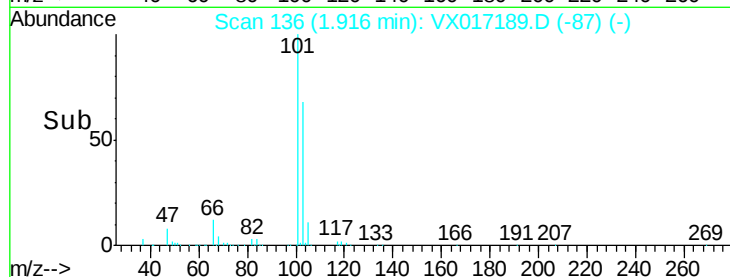
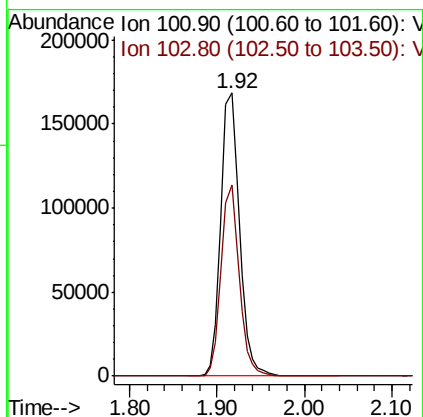
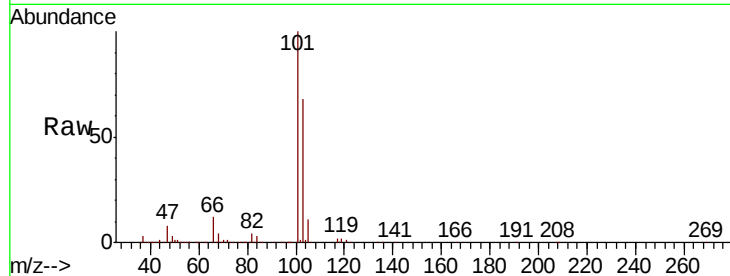


#7

Trichlorofluoromethane
 Concen: 49.814 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

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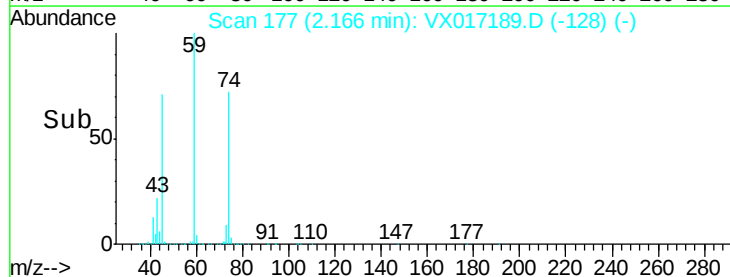
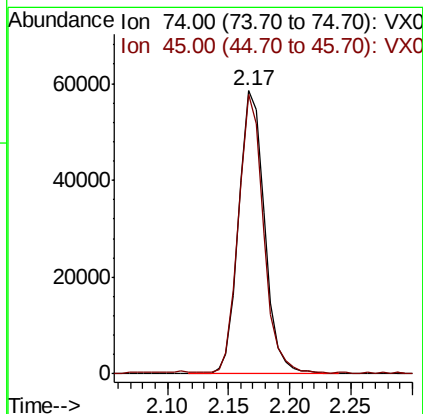
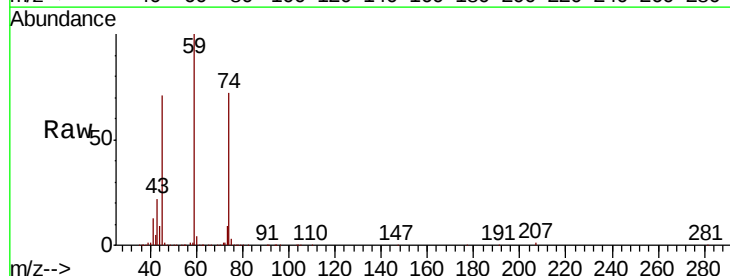
Tot Ion:101 Resp: 249119
 Ion Ratio Lower Upper
 101 100
 103 67.5 51.5 77.3

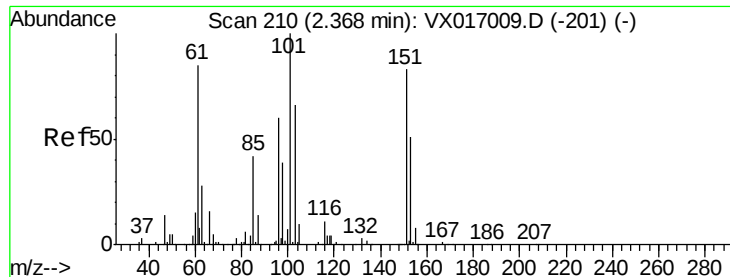


#8

Diethyl Ether
 Concen: 50.853 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion: 74 Resp: 85579
 Ion Ratio Lower Upper
 74 100
 45 94.4 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.654 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

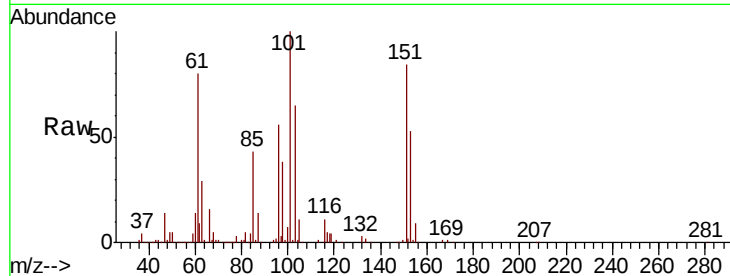
Tot Ion:101 Resp: 142835

Ion Ratio Lower Upper

101 100

85 43.9 33.5 50.3

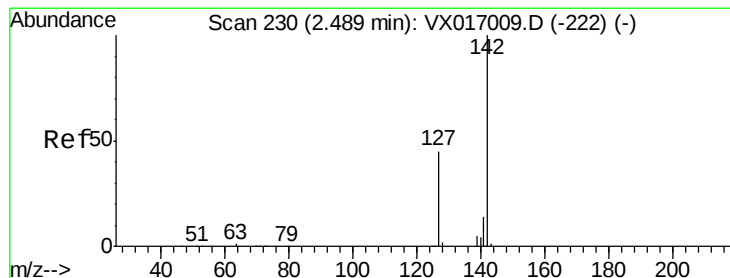
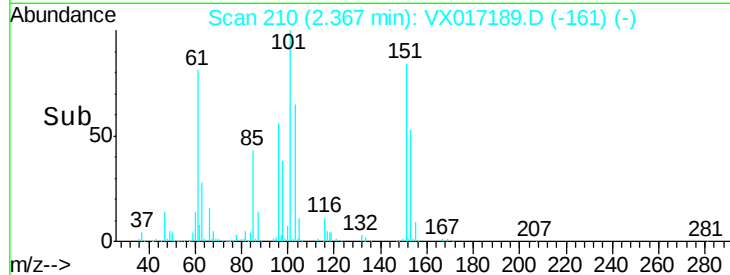
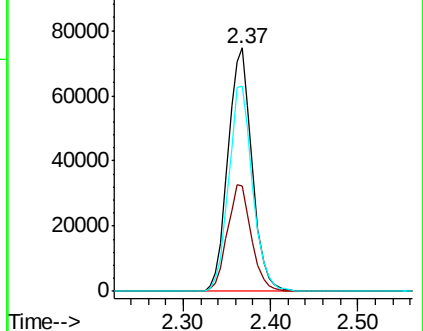
151 84.3 63.8 95.6



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: 39.108 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

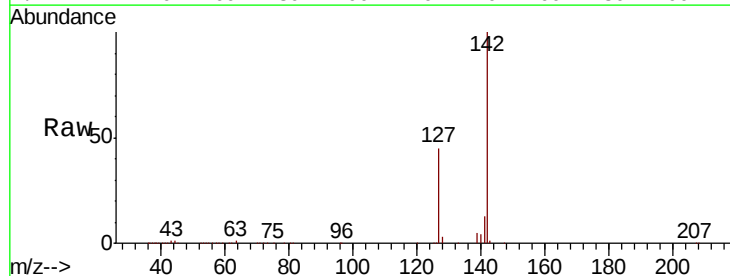
Tgt Ion:142 Resp: 151255

Ion Ratio Lower Upper

142 100

127 45.0 36.6 54.8

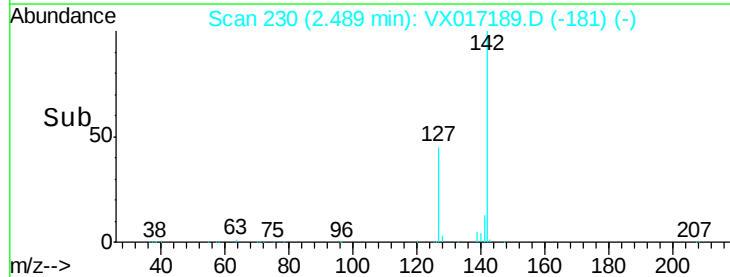
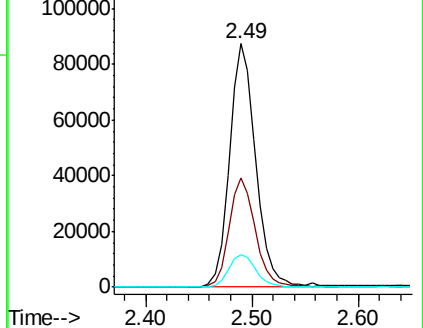
141 14.2 11.6 17.4

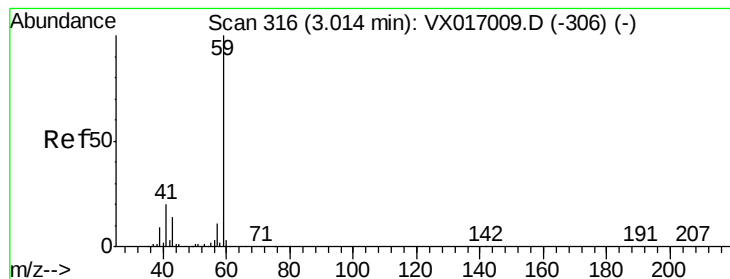


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



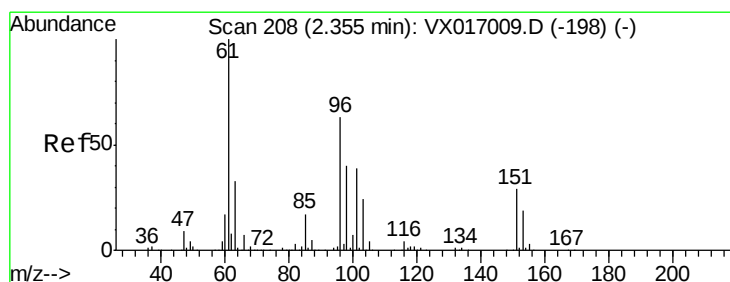
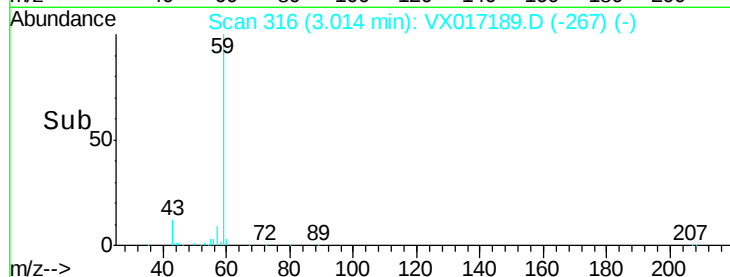
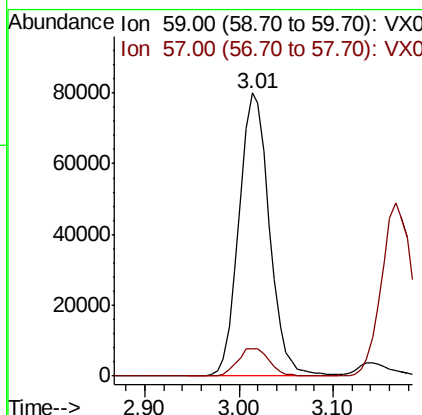
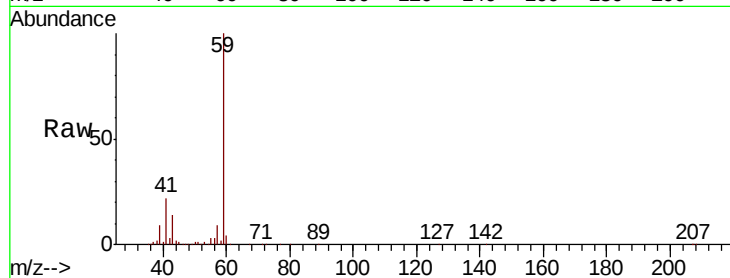


#11

Tert butyl alcohol
Concen: 247.061 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

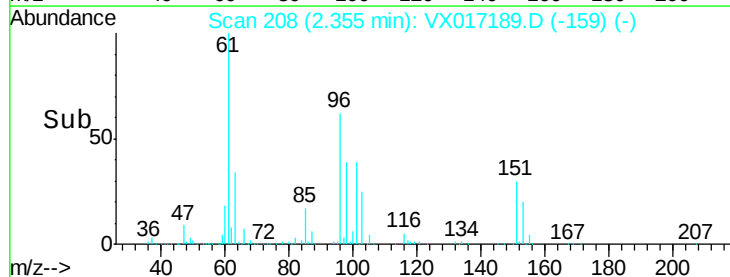
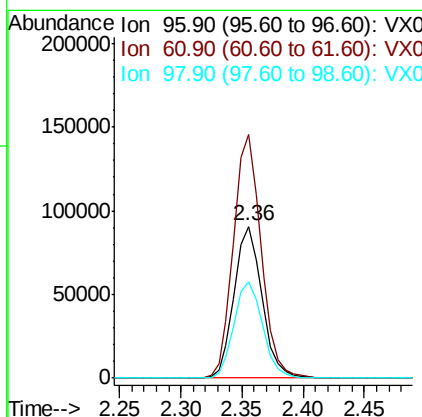
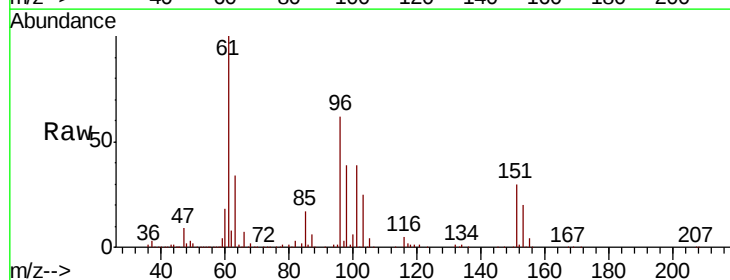
Tot Ion: 59 Resp: 180832
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

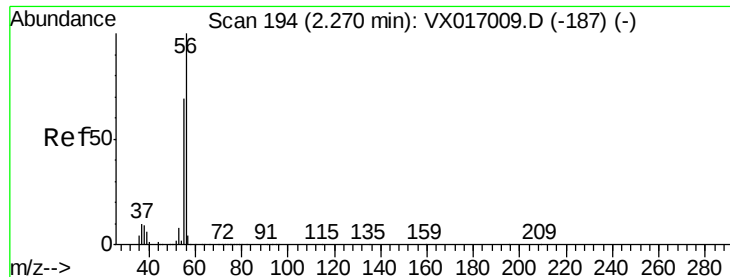


#12

1,1-Dichloroethene
Concen: 46.171 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 96 Resp: 142164
Ion Ratio Lower Upper
96 100
61 160.4 126.3 189.5
98 63.2 51.0 76.6





#13

Acrolein

Concen: 126.680 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

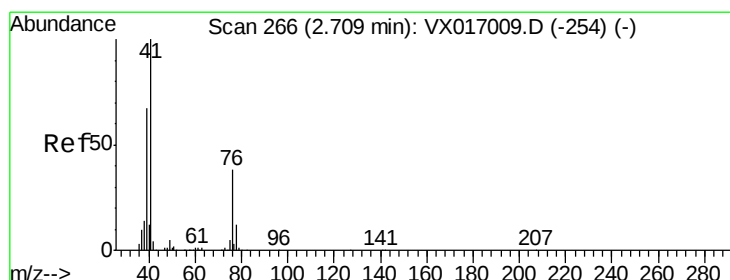
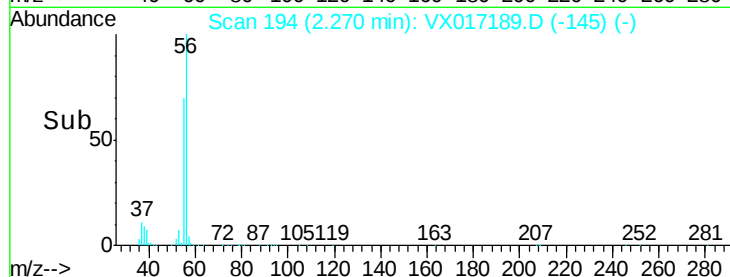
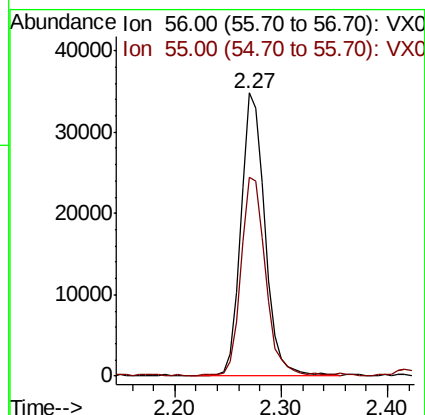
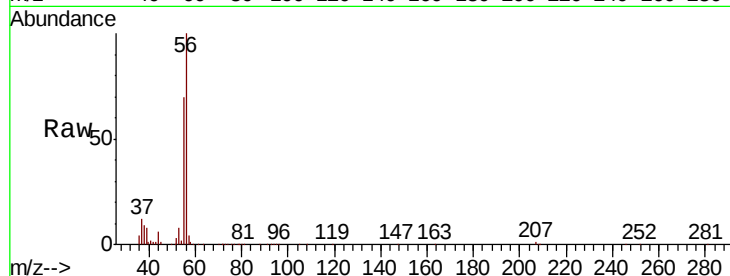
VSTDCCC050EC

Tot Ion: 56 Resp: 55427

Ion Ratio Lower Upper

56 100

55 70.7 55.7 83.5



#14

Allyl chloride

Concen: 44.579 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

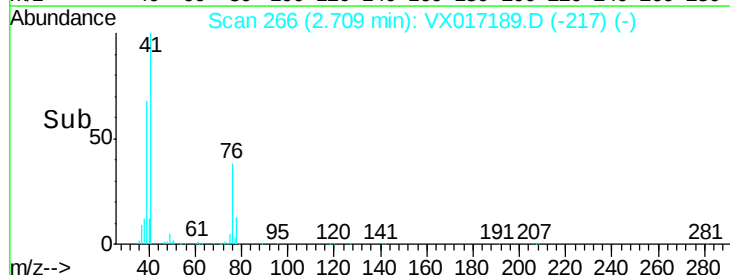
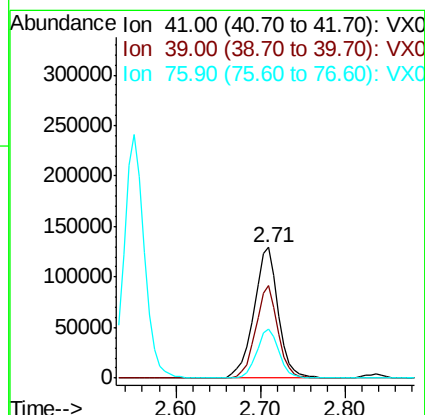
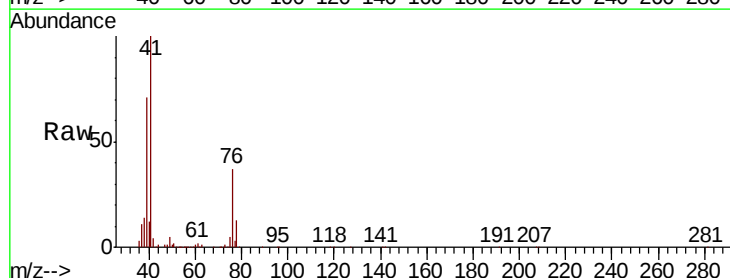
Tgt Ion: 41 Resp: 253671

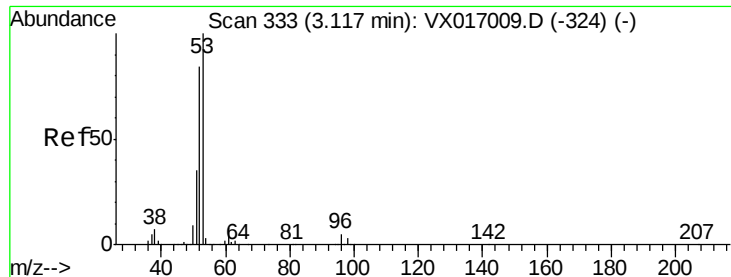
Ion Ratio Lower Upper

41 100

39 64.4 49.4 74.2

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 239.005 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

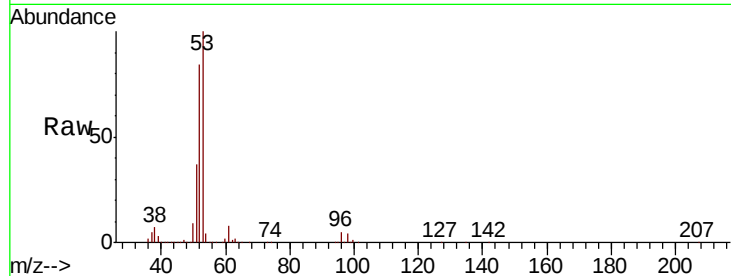
Tot Ion: 53 Resp: 420538

Ion Ratio Lower Upper

53 100

52 82.8 65.6 98.4

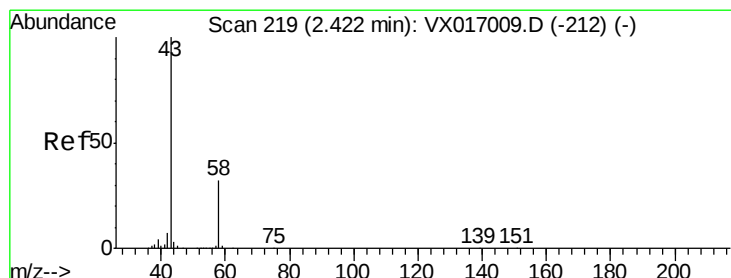
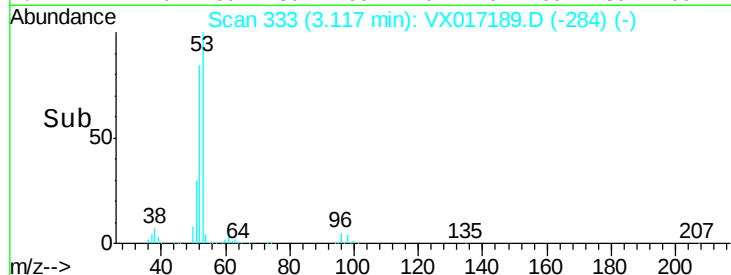
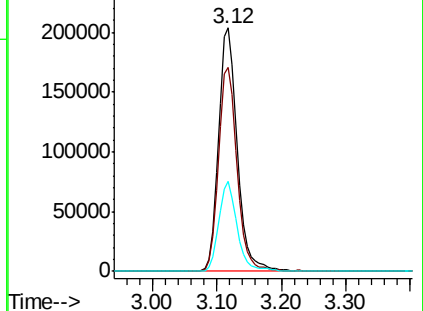
51 36.2 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.192 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017189.D

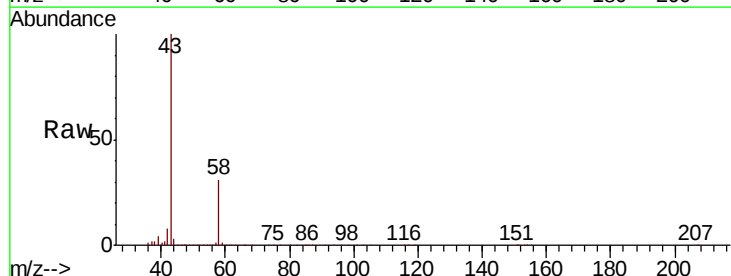
Acq: 06 Jul 2020 23:14

Tgt Ion: 43 Resp: 349049

Ion Ratio Lower Upper

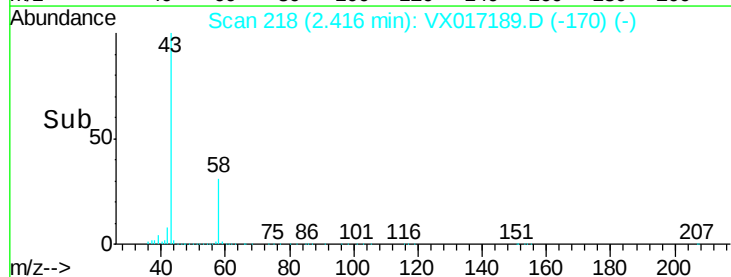
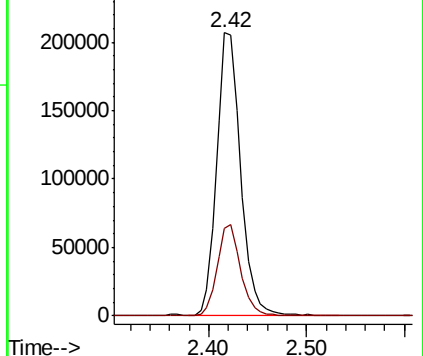
43 100

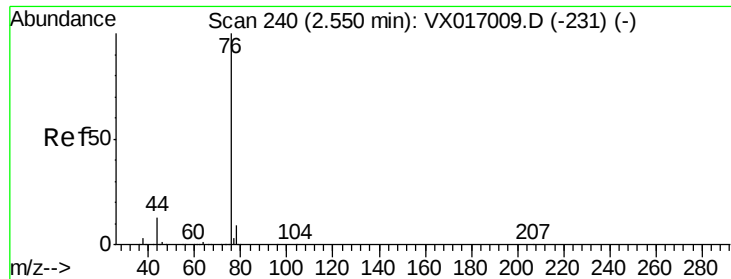
58 31.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

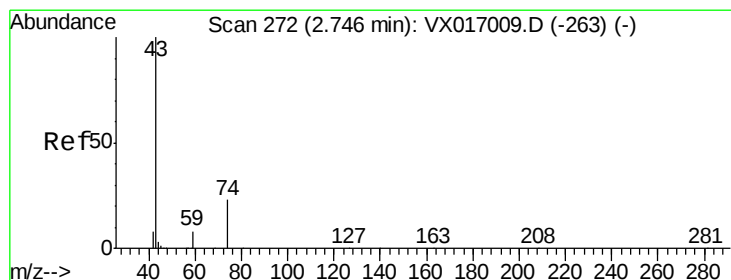
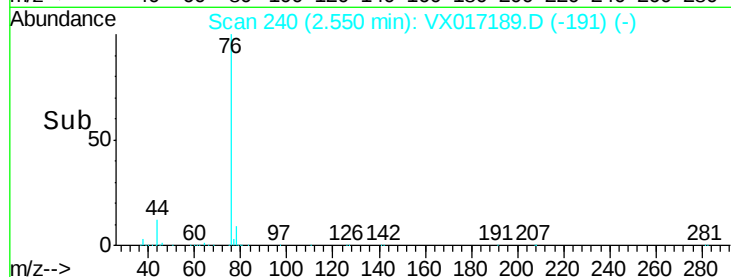
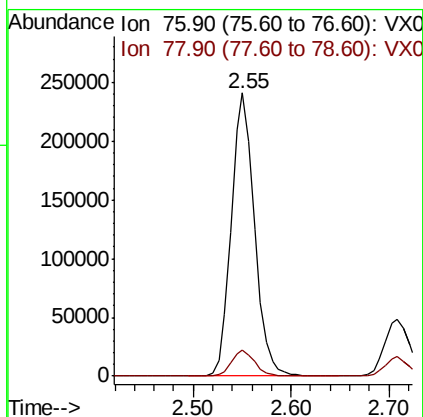
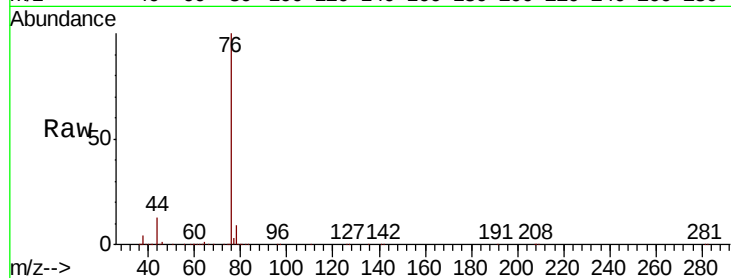




#17
Carbon Disulfide
Concen: 46.187 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

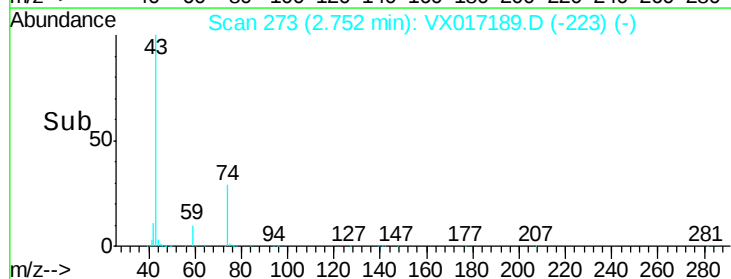
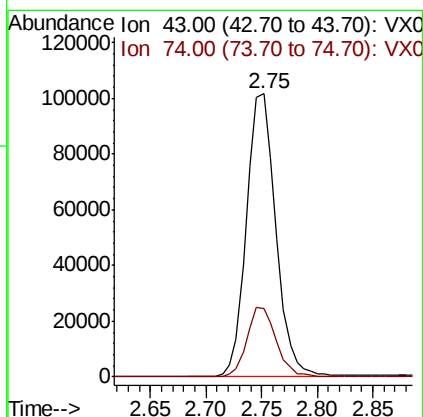
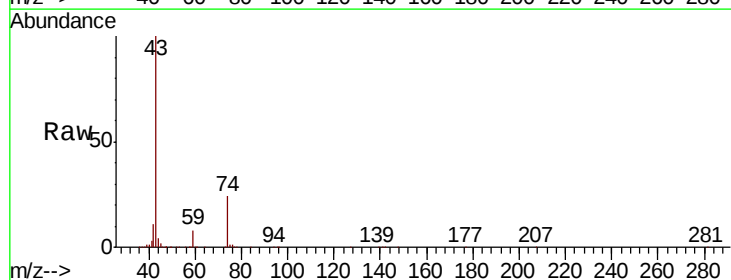
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

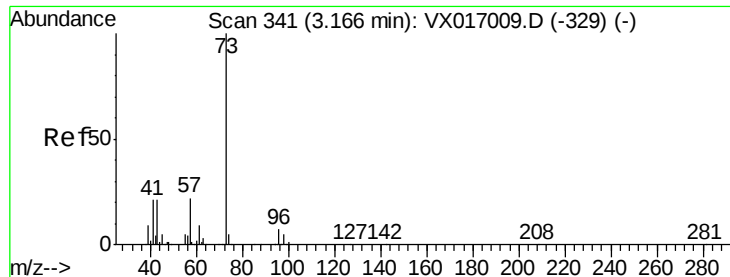
Tot Ion: 76 Resp: 396840
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 50.023 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 43 Resp: 187426
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9



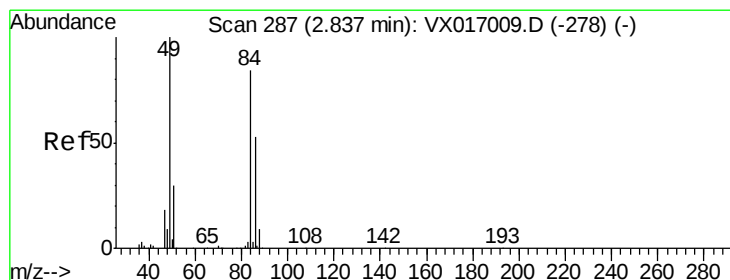
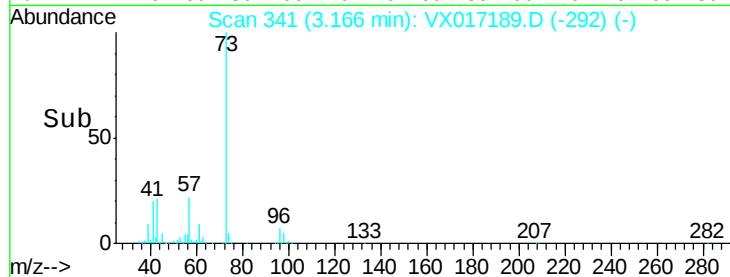
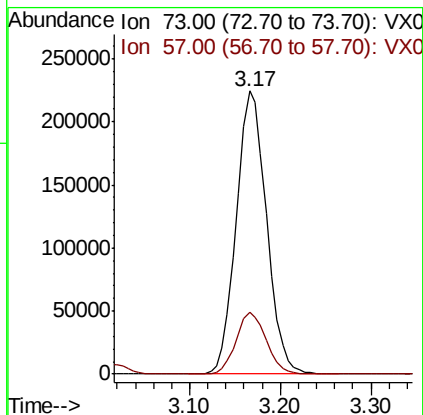
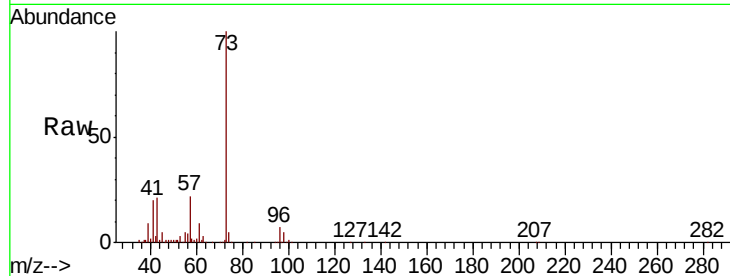


#19

Methyl tert-butyl Ether
 Concen: 50.170 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

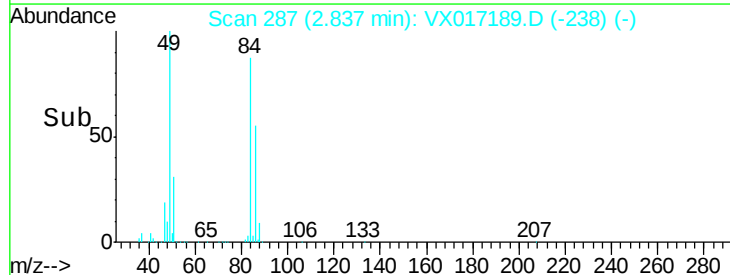
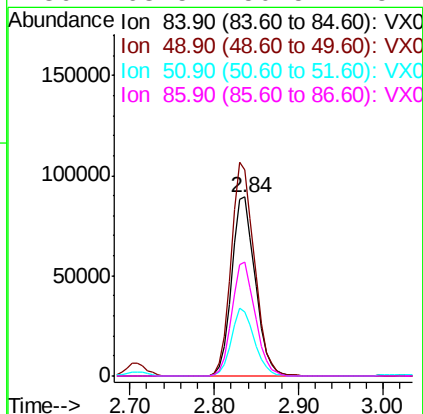
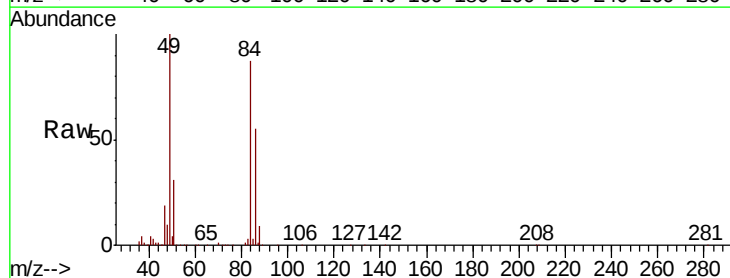
Tot Ion: 73 Resp: 518454
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

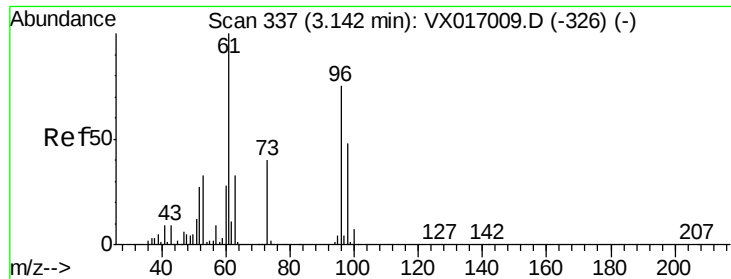


#20

Methylene Chloride
 Concen: 51.315 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion: 84 Resp: 168850
 Ion Ratio Lower Upper
 84 100
 49 115.3 94.7 142.1
 51 36.0 28.6 42.8
 86 63.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 48.114 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

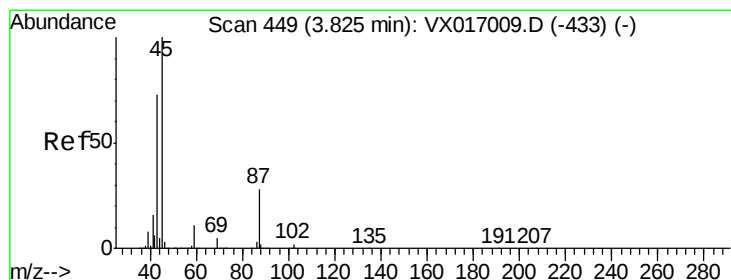
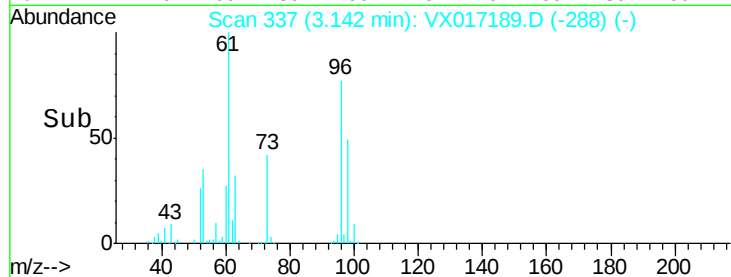
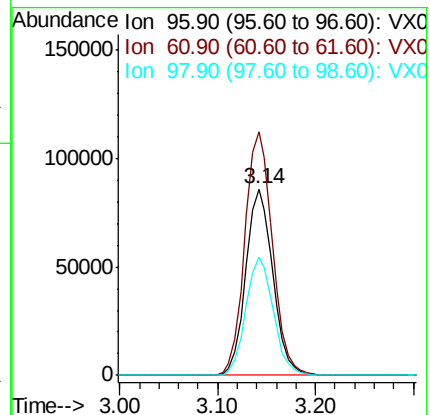
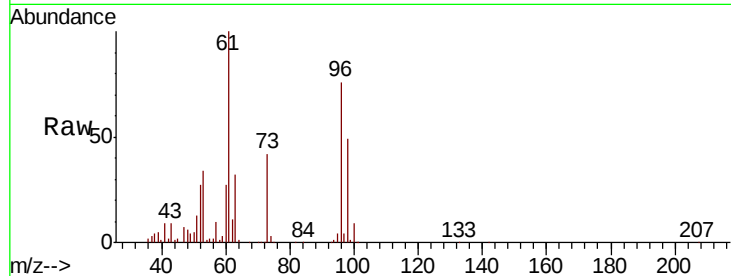
Tot Ion: 96 Resp: 164406

Ion Ratio Lower Upper

96 100

61 130.8 107.0 160.6

98 63.5 51.6 77.4



#22

Diisopropyl ether

Concen: 47.880 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion: 45 Resp: 504275

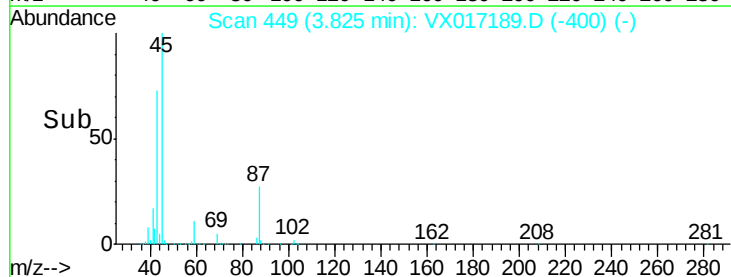
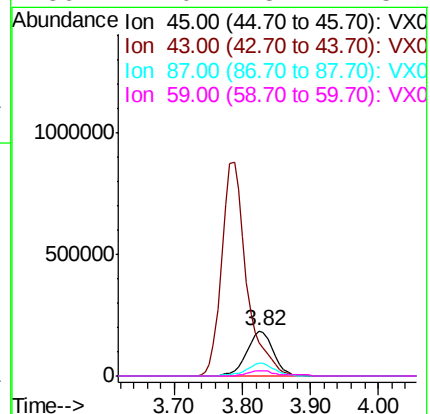
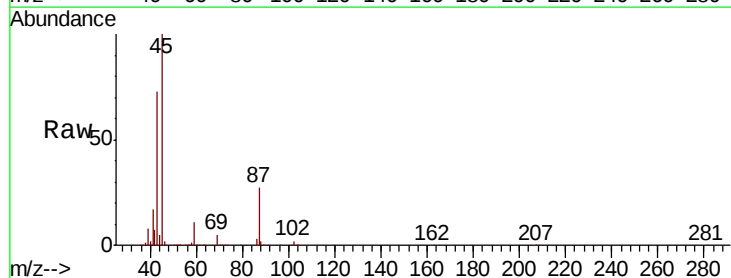
Ion Ratio Lower Upper

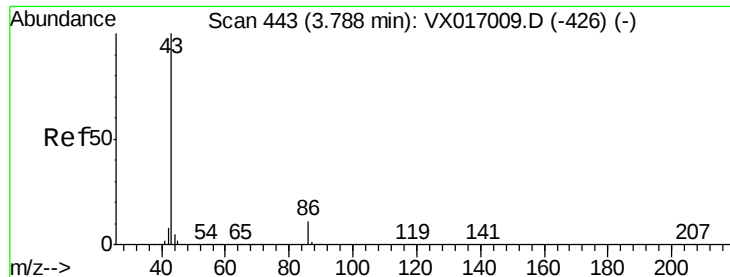
45 100

43 73.4 58.6 88.0

87 27.3 22.6 34.0

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 247.008 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

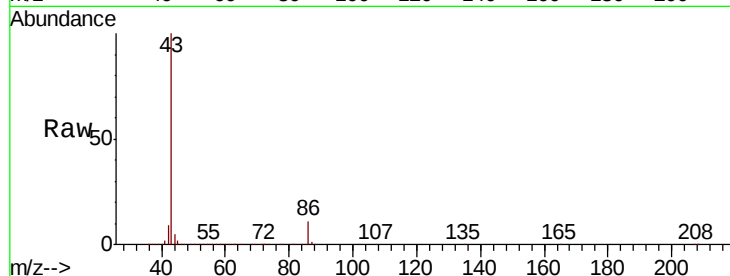
VSTDCCC050EC

Tot Ion: 43 Resp: 2235474

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

800000

600000

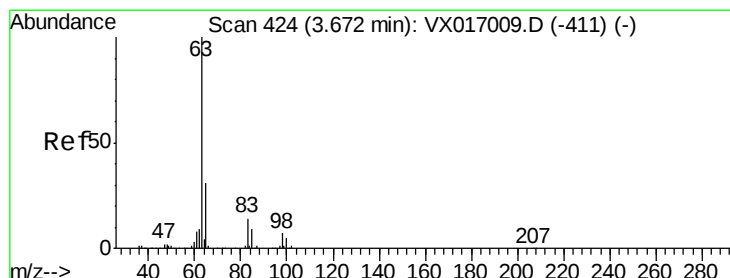
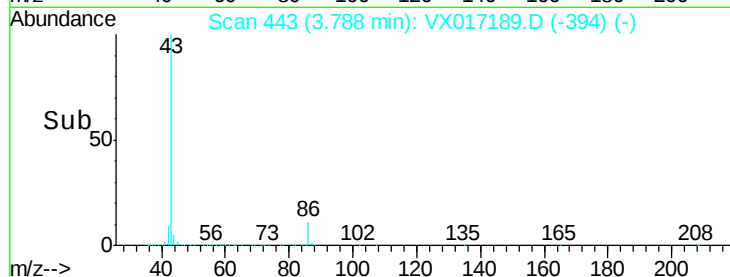
400000

200000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 47.612 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

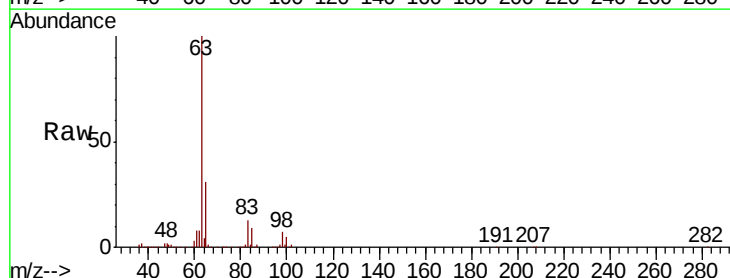
Tgt Ion: 63 Resp: 285318

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.9 2.4 7.1



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

150000

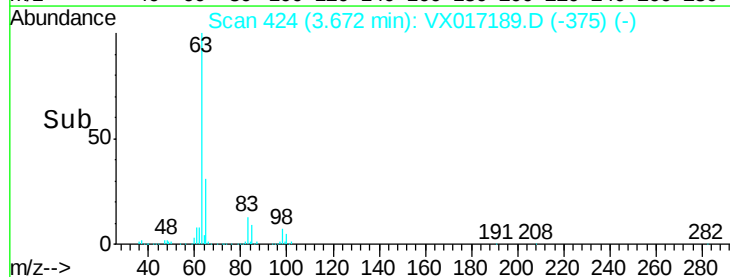
100000

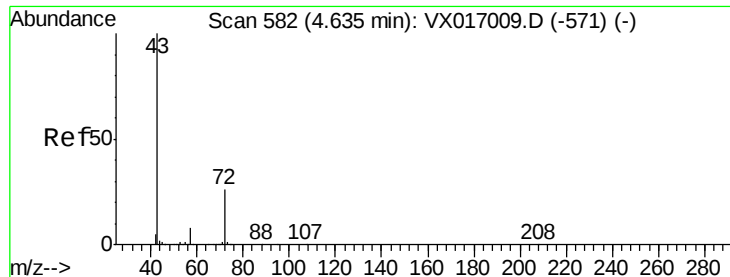
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 238.820 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

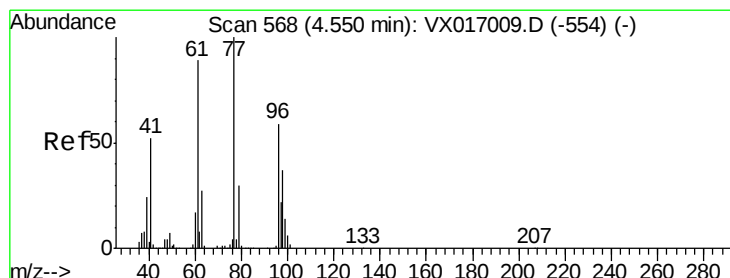
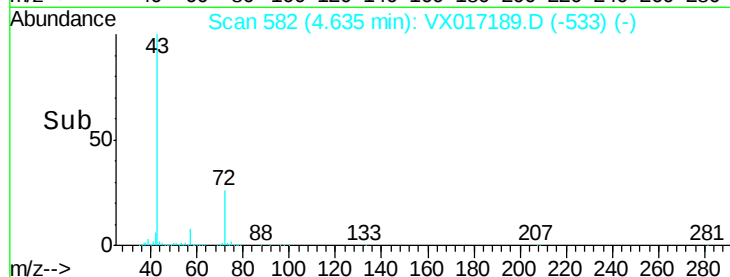
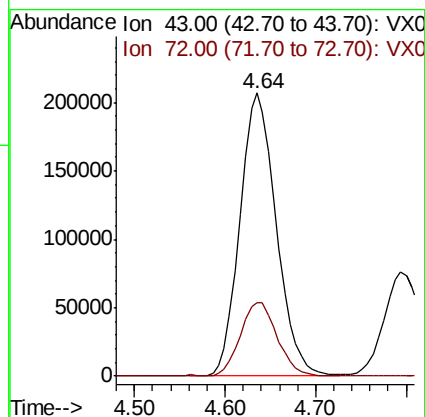
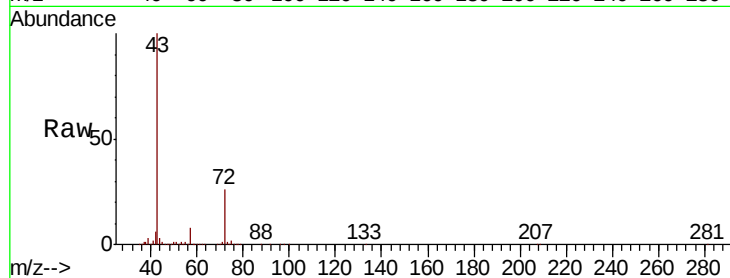
VSTDCCC050EC

Tot Ion: 43 Resp: 571149

Ion Ratio Lower Upper

43 100

72 25.7 20.8 31.2



#26

2,2-Dichloropropane

Concen: 40.270 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017189.D

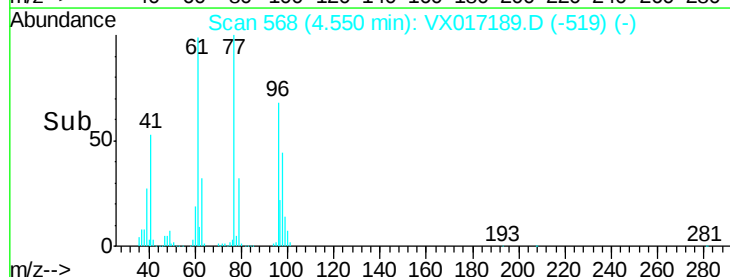
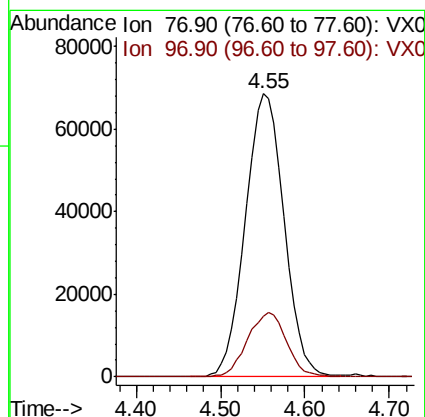
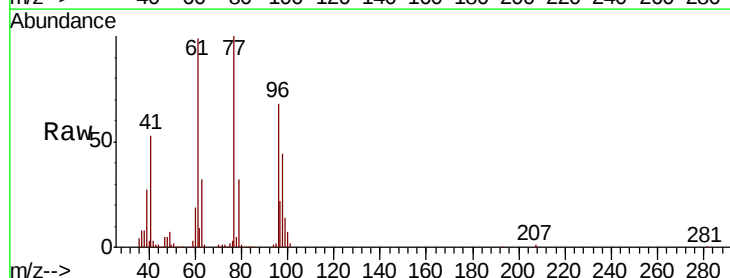
Acq: 06 Jul 2020 23:14

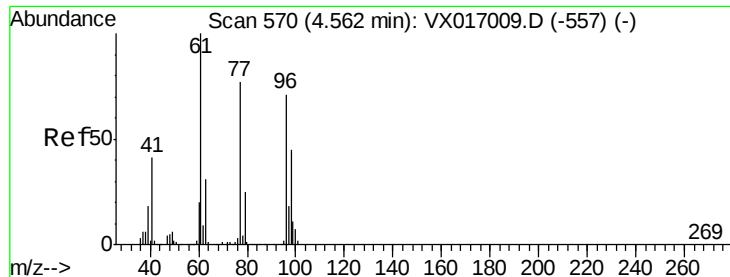
Tgt Ion: 77 Resp: 214275

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2



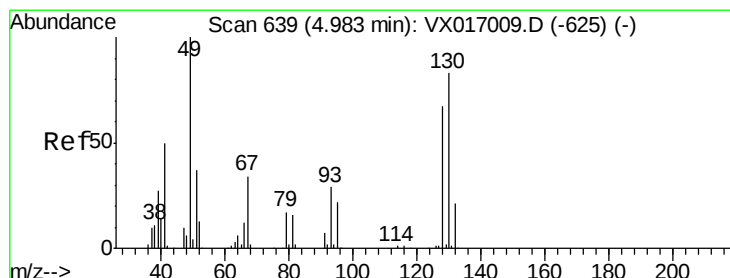
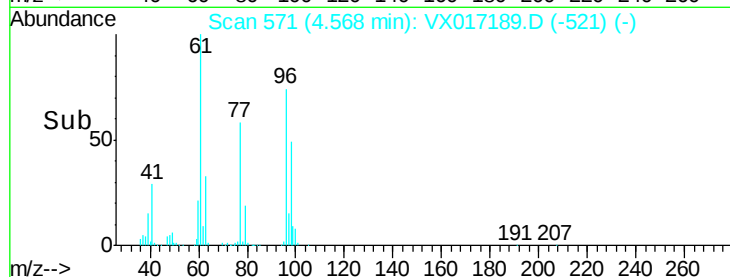
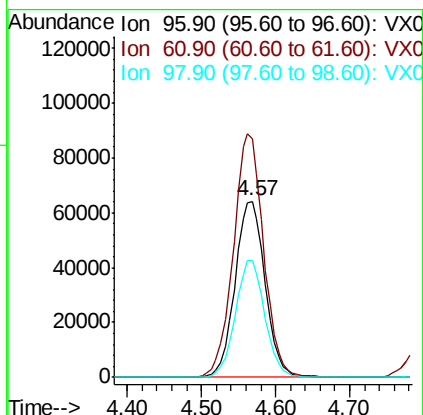
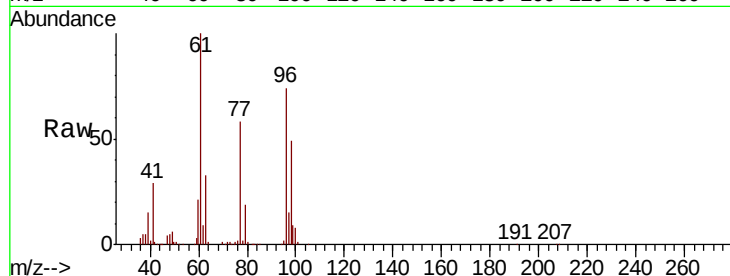


#27

cis-1,2-Dichloroethene
Concen: 46.888 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

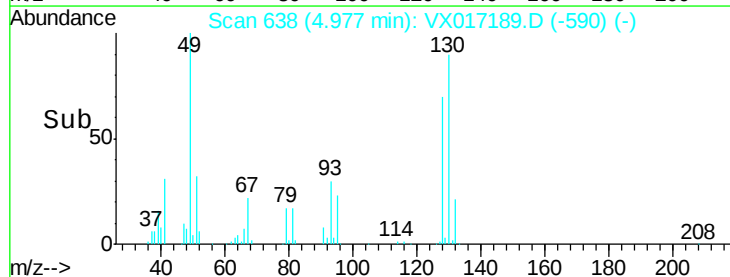
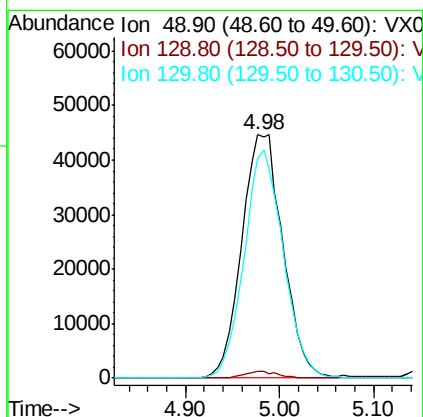
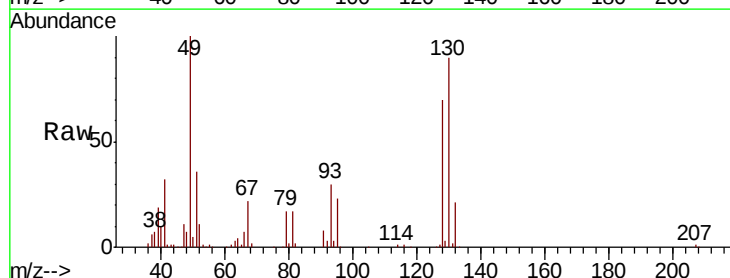
Tot Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	282.8
98	65.3	0.0	127.6

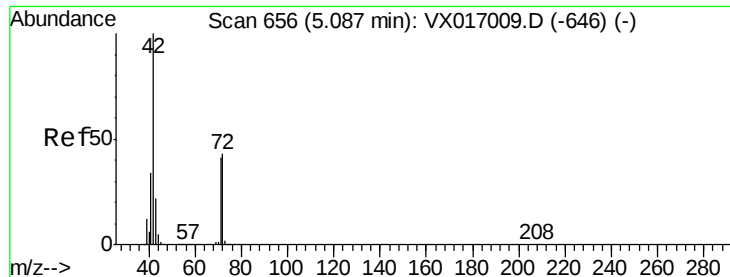


#28

Bromochloromethane
Concen: 47.094 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	89.3	66.6	100.0





#29

Tetrahydrofuran

Concen: 234.685 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

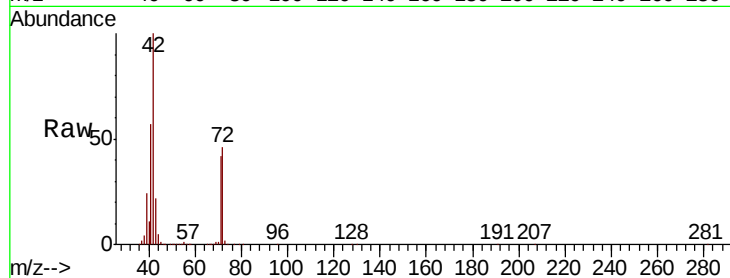
Tot Ion: 42 Resp: 370837

Ion Ratio Lower Upper

42 100

72 45.1 35.3 52.9

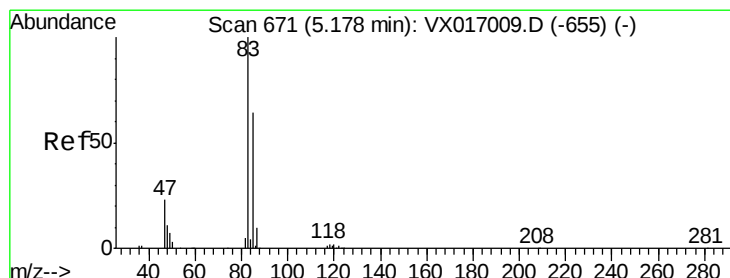
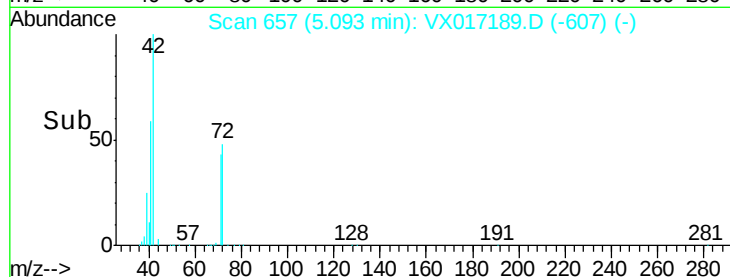
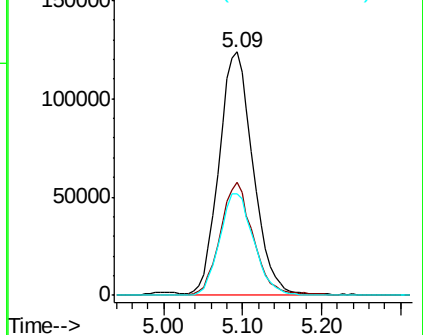
71 42.2 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.902 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017189.D

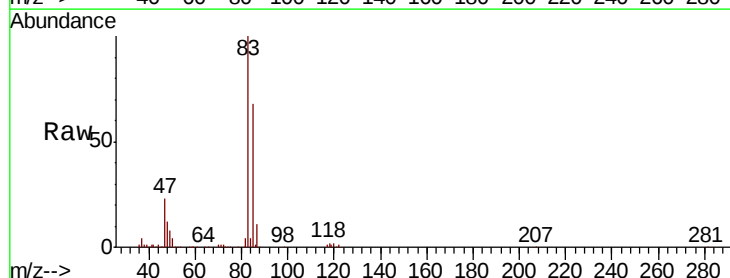
Acq: 06 Jul 2020 23:14

Tgt Ion: 83 Resp: 300407

Ion Ratio Lower Upper

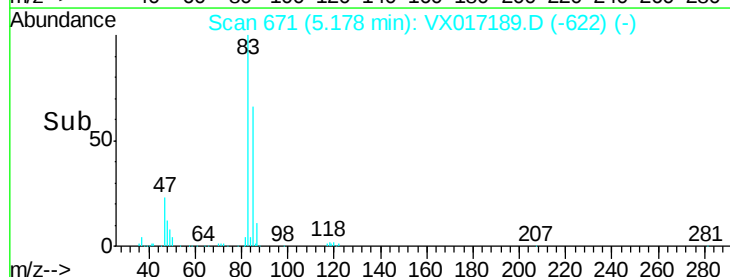
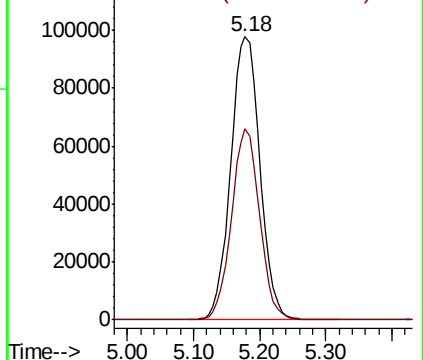
83 100

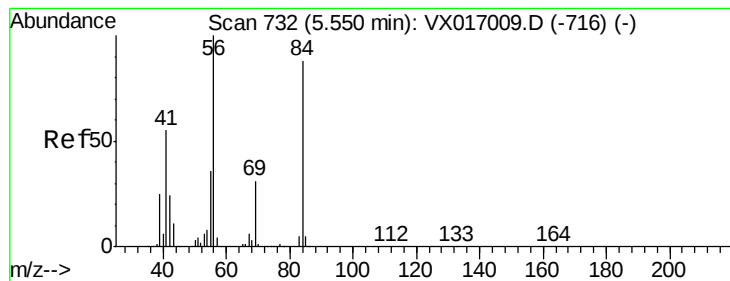
85 67.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.773 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

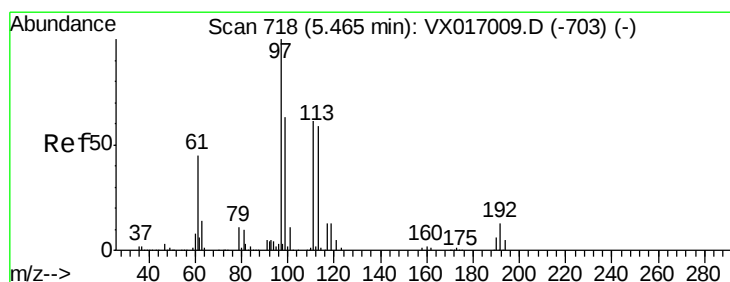
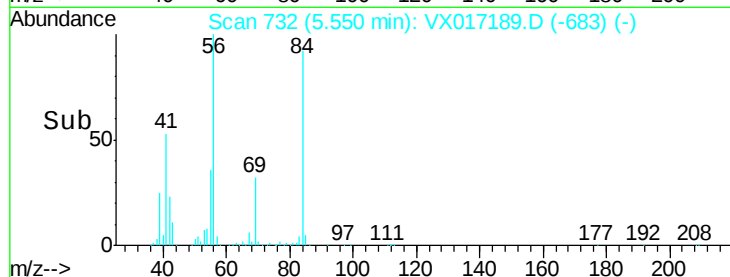
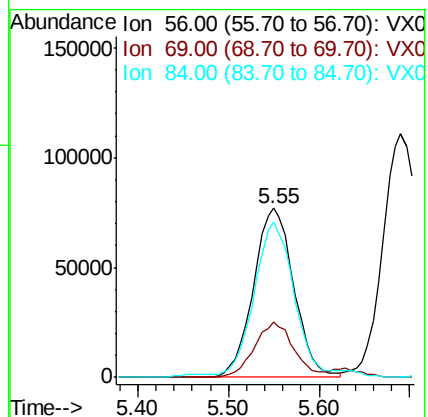
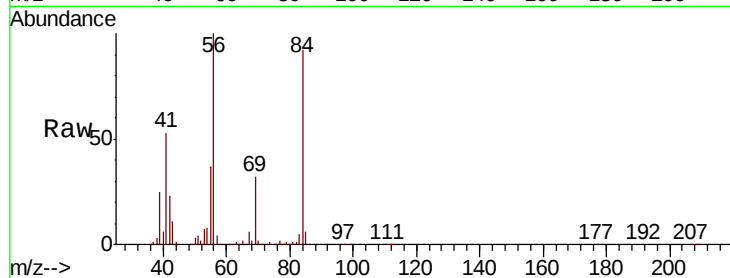
Tot Ion: 56 Resp: 237101

Ion Ratio Lower Upper

56 100

69 32.5 25.0 37.4

84 89.9 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 48.804 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

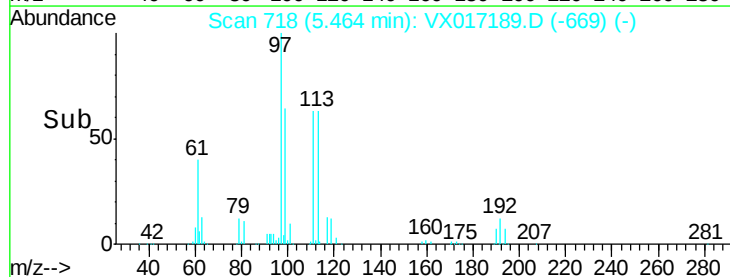
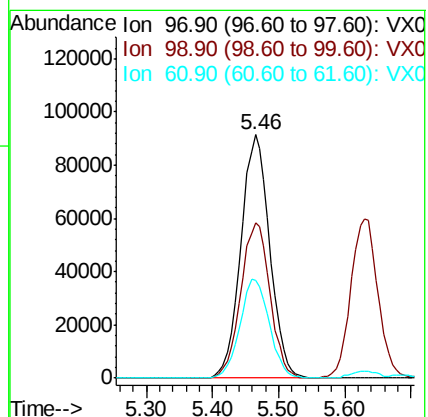
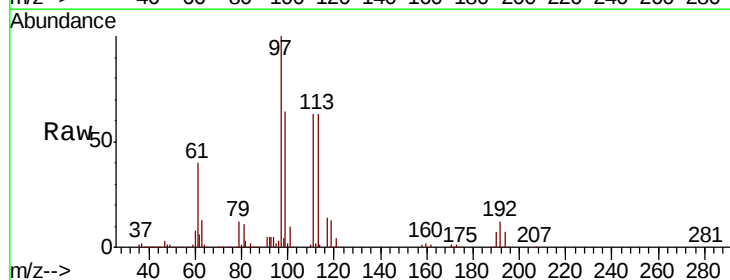
Tgt Ion: 97 Resp: 276109

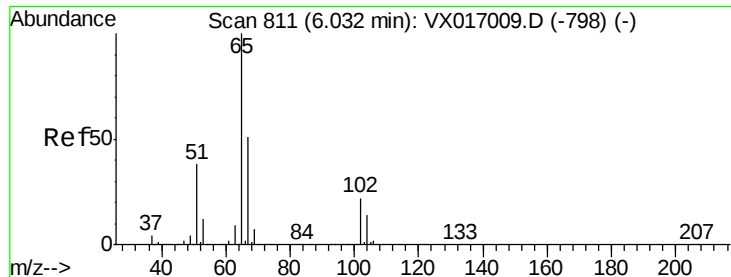
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 41.5 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 51.651 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

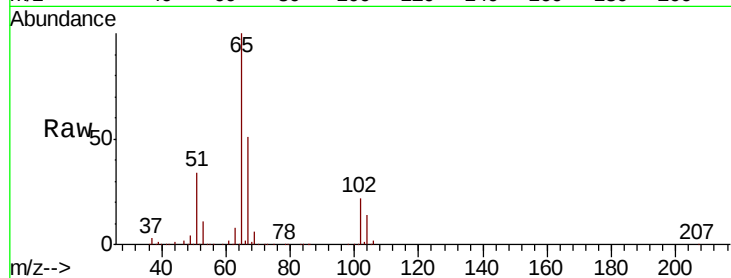
VSTDCCC050EC

Tot Ion: 65 Resp: 198171

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

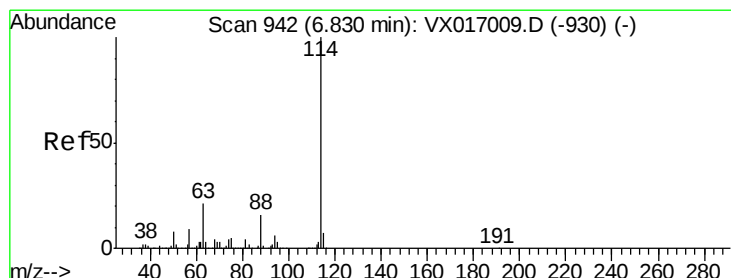
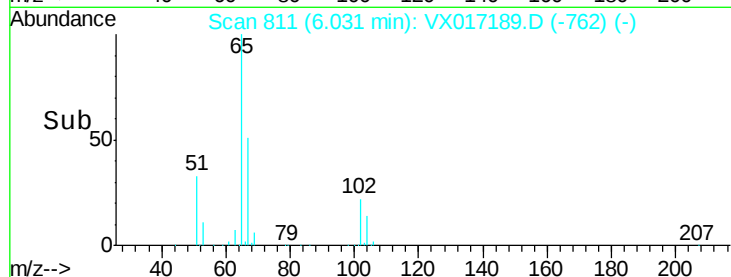
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

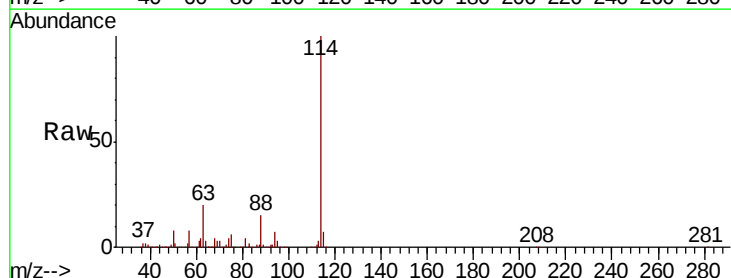
Tgt Ion: 114 Resp: 480117

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.4 0.0 32.4



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

250000

200000

150000

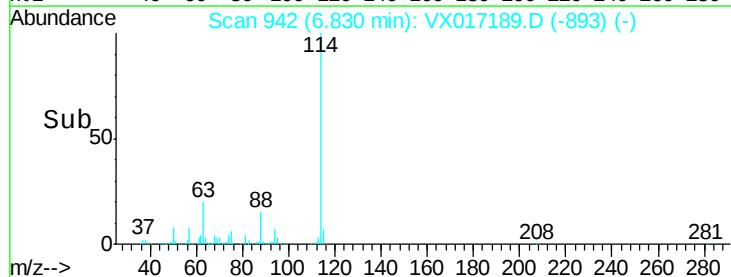
100000

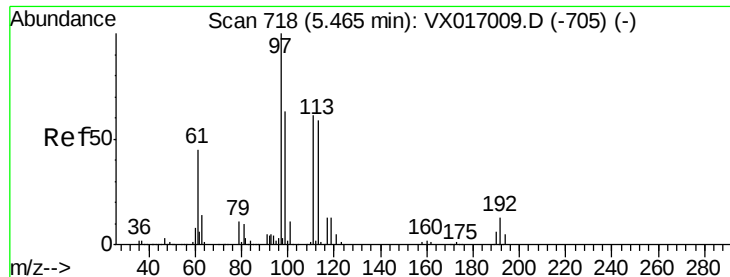
50000

0

Time-->

6.70 6.80 6.90 7.00

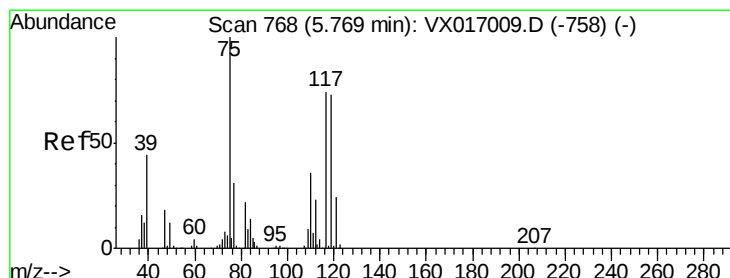
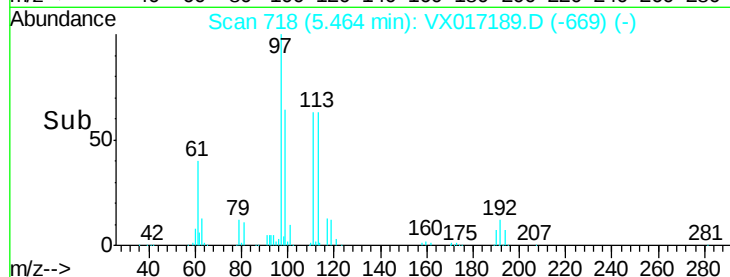
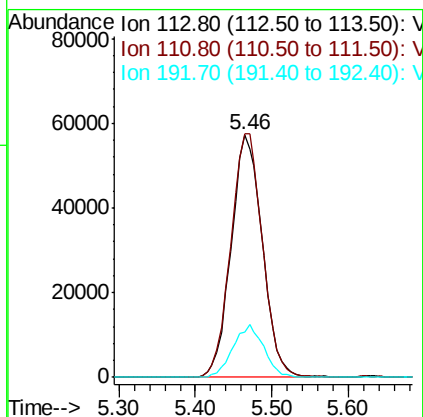
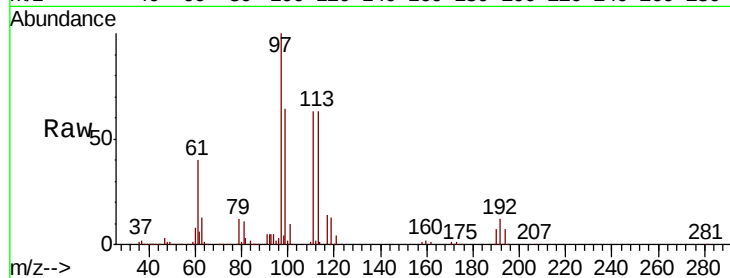




#35
 Dibromofluoromethane
 Concen: 53.188 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

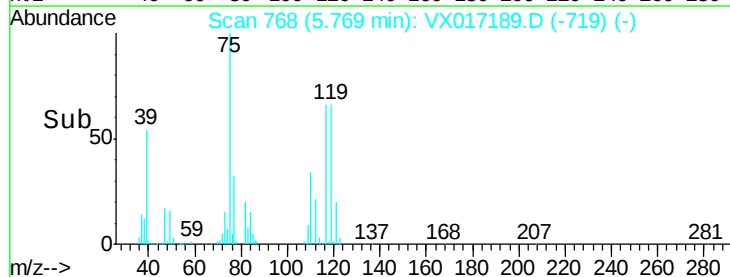
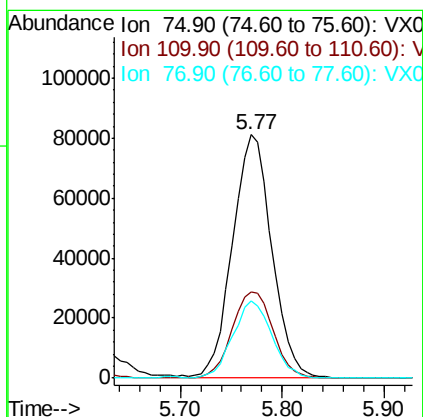
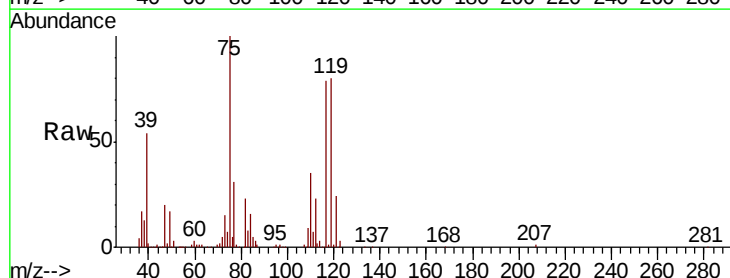
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

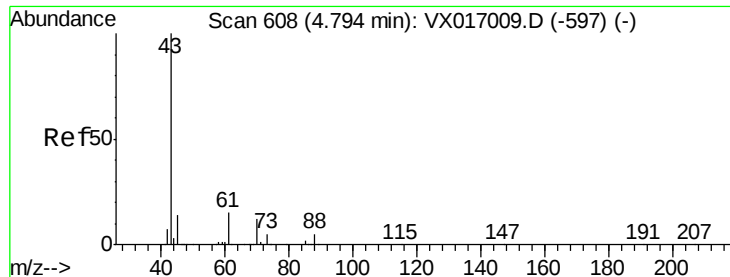
Tot Ion:113 Resp: 161536
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 21.4 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 47.415 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion: 75 Resp: 215155
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.1
 77 32.0 24.6 37.0

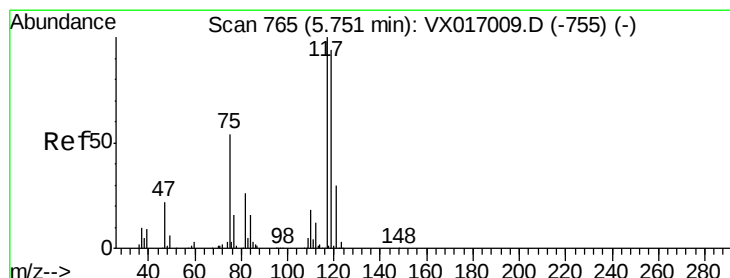
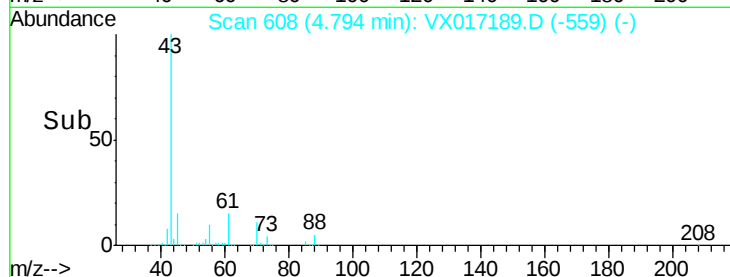
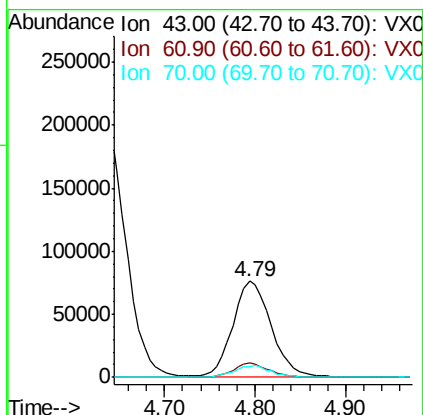
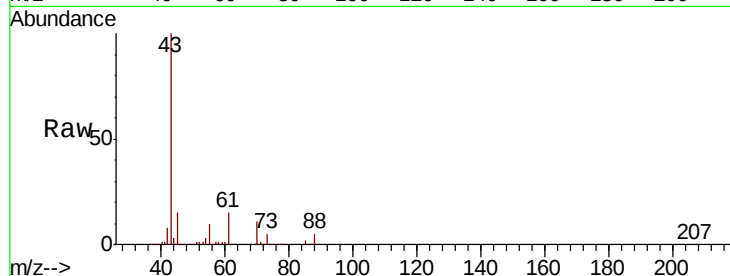




#37
Ethyl Acetate
Concen: 48.268 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

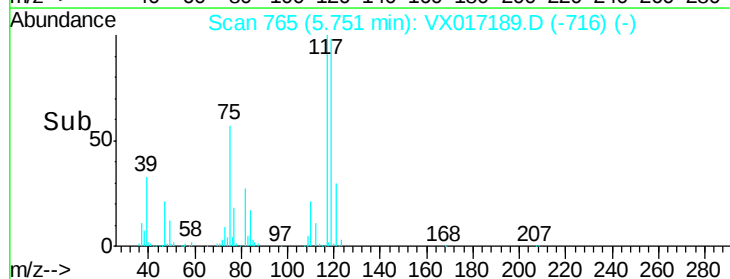
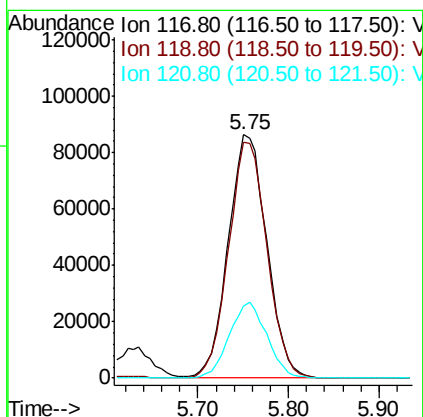
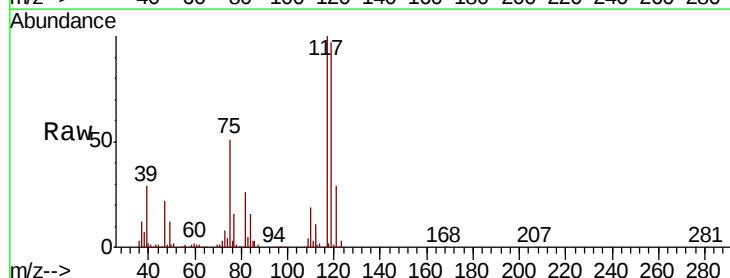
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

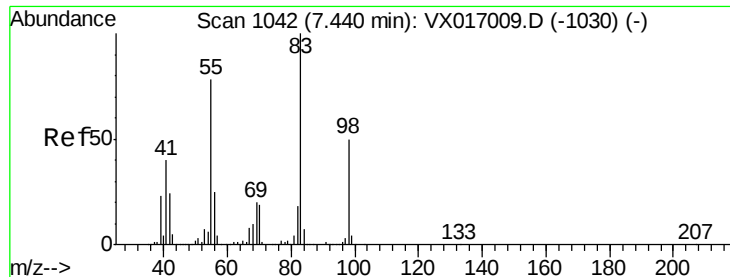
Tot Ion: 43 Resp: 222226
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 11.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.859 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 117 Resp: 254190
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0
121 29.5 23.8 35.6

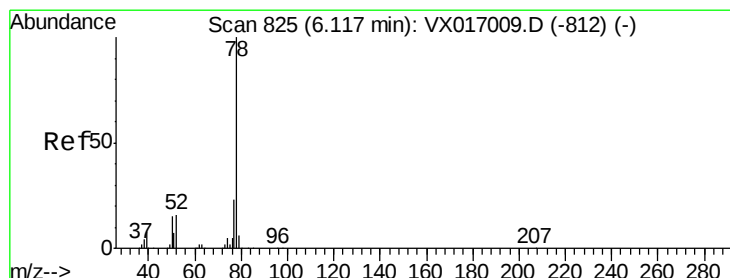
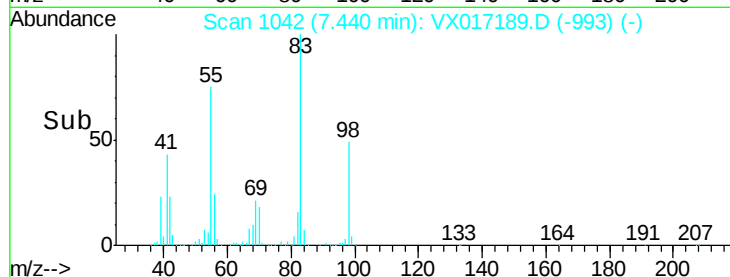
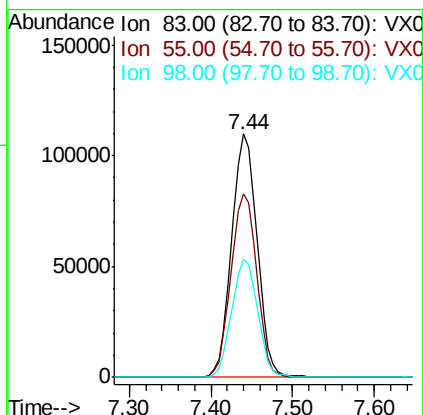
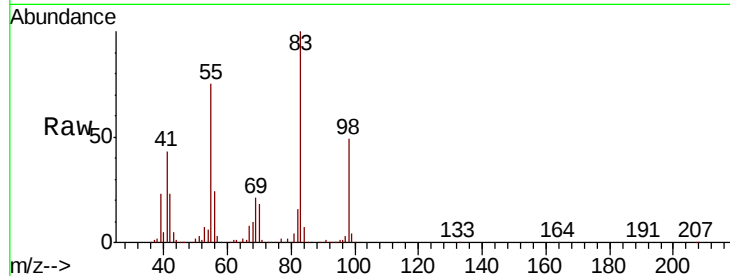




#39
Methylvlcyclohexane
Concen: 46.843 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

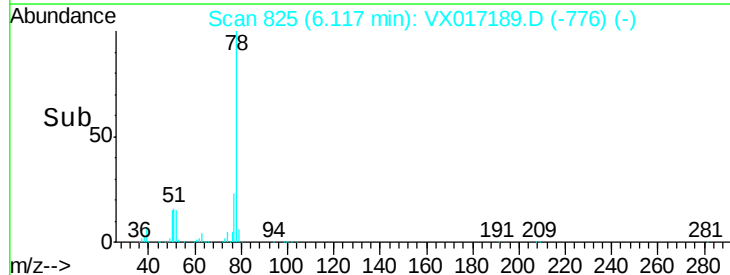
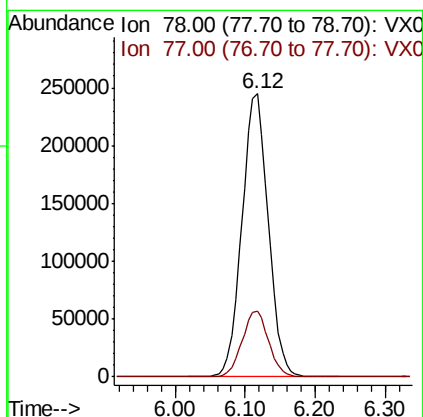
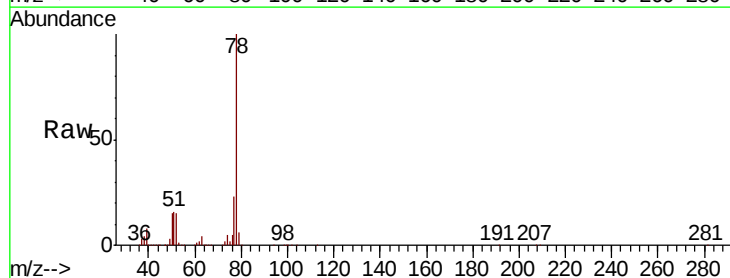
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

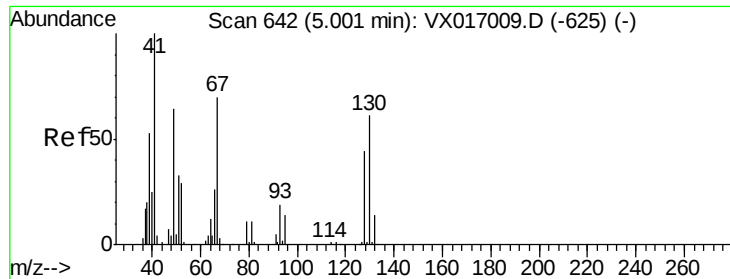
Tot Ion	83	Resp	236497
Ion Ratio	Lower	Upper	
83	100		
55	75.4	62.5	93.7
98	48.7	40.1	60.1



#40
Benzene
Concen: 47.912 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion	78	Resp	638792
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.3	27.5

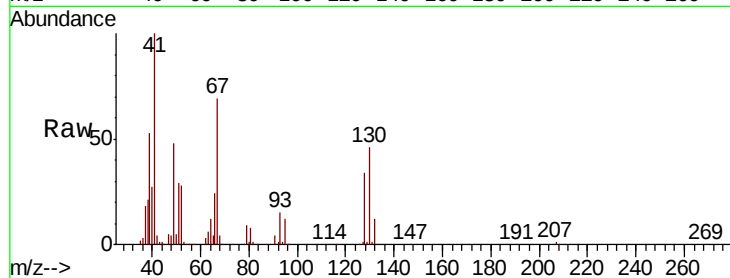




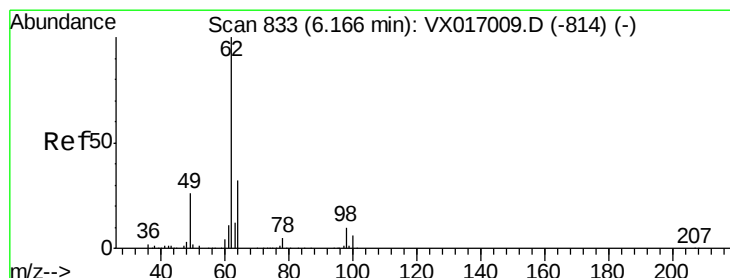
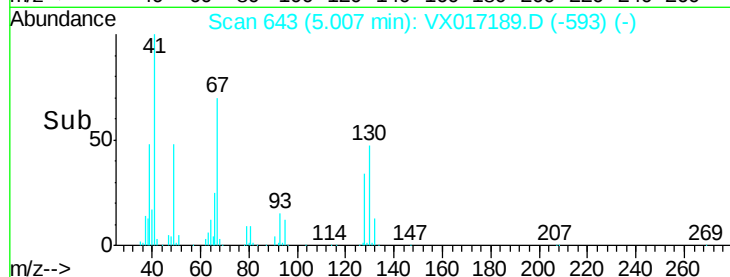
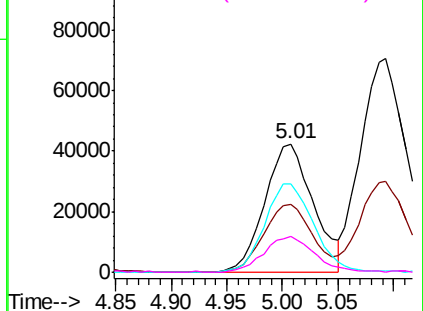
#41
Methacrylonitrile
Concen: 49.431 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	128087
Ion	Ratio	Lower	Upper
41	100		
39	52.5	44.4	66.6
67	70.0	57.1	85.7
52	28.6	23.2	34.8

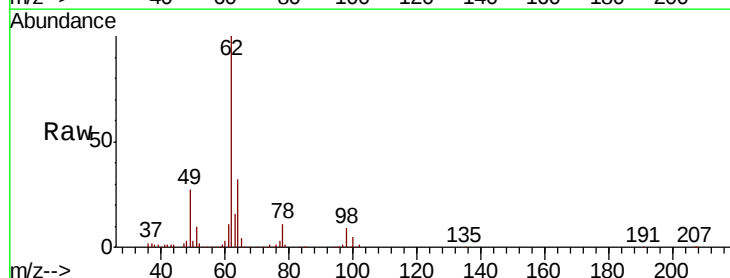


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

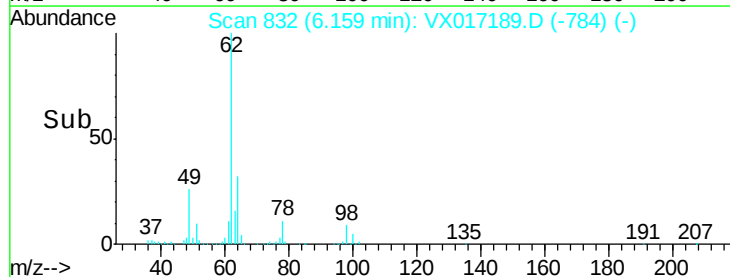
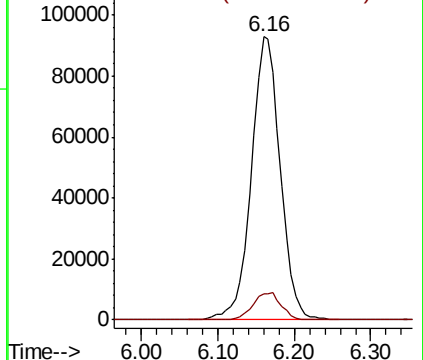


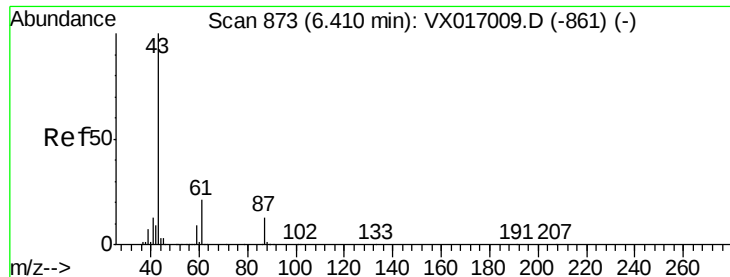
#42
1,2-Dichloroethane
Concen: 50.484 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:	62	Resp:	243119
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2



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



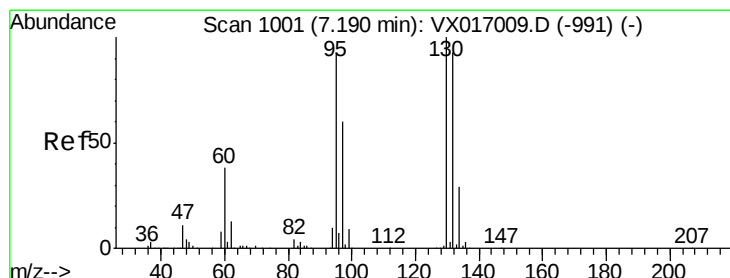
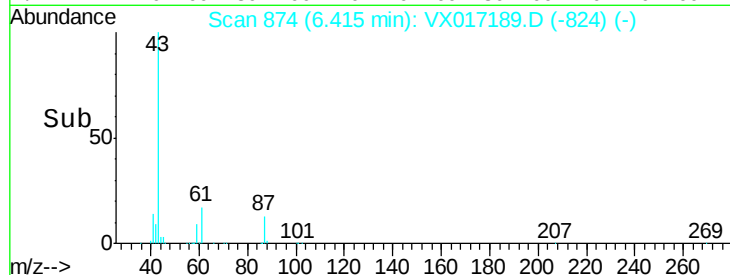
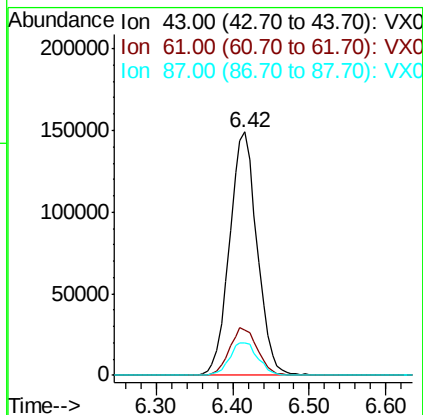
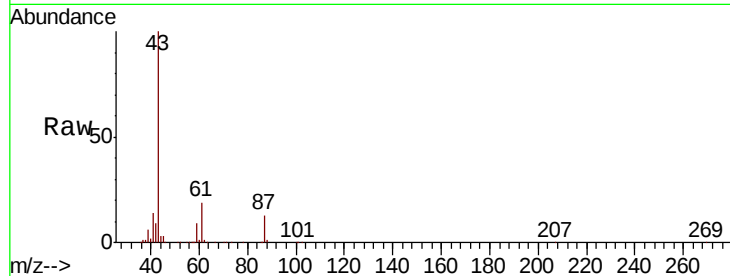


#43

Isopropyl Acetate
 Concen: 48.310 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

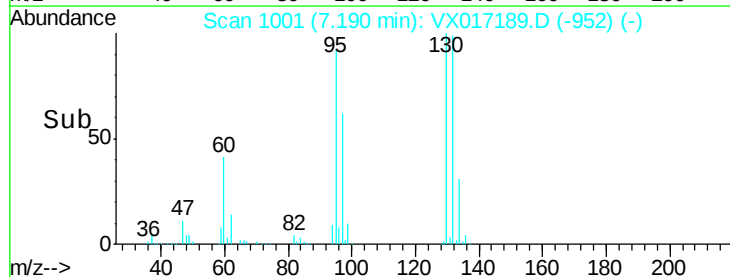
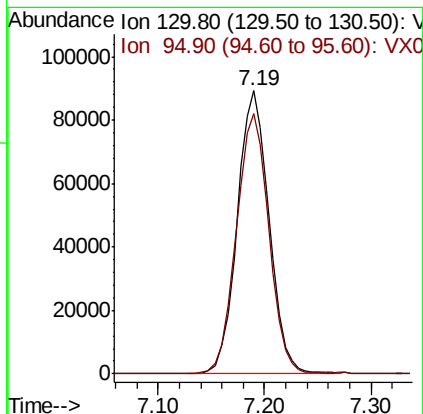
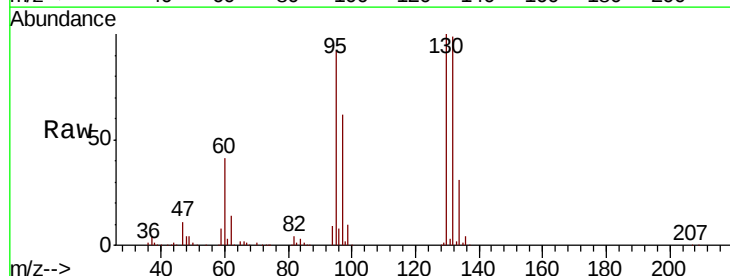
Tot Ion: 43 Resp: 369593
 Ion Ratio Lower Upper
 43 100
 61 19.9 16.2 24.2
 87 13.9 10.7 16.1

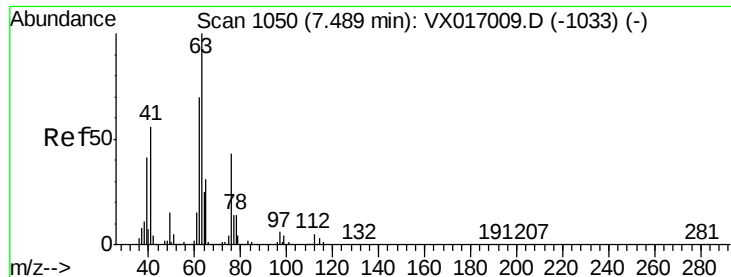


#44

Trichloroethene
 Concen: 50.887 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion: 130 Resp: 187197
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 48.334 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

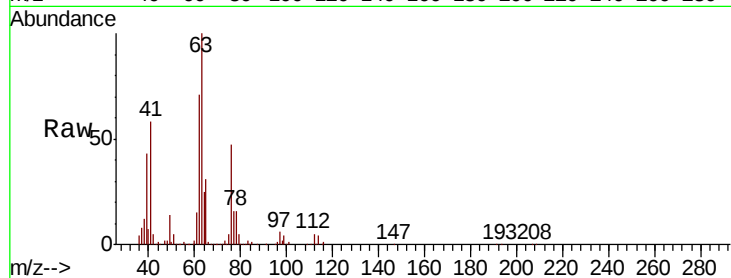
VSTDCCC050EC

Tot Ion: 63 Resp: 165511

Ion Ratio Lower Upper

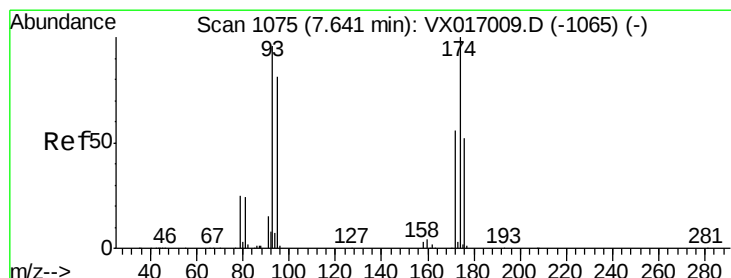
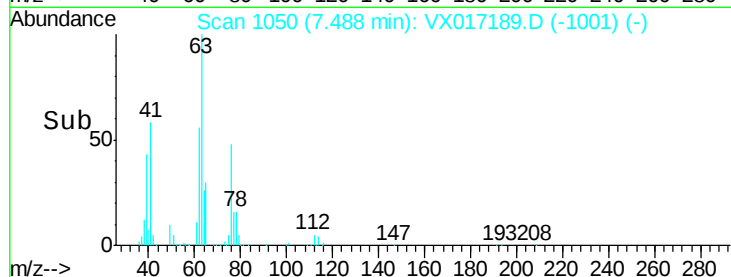
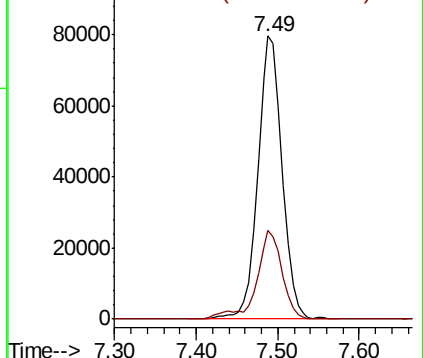
63 100

65 31.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.198 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

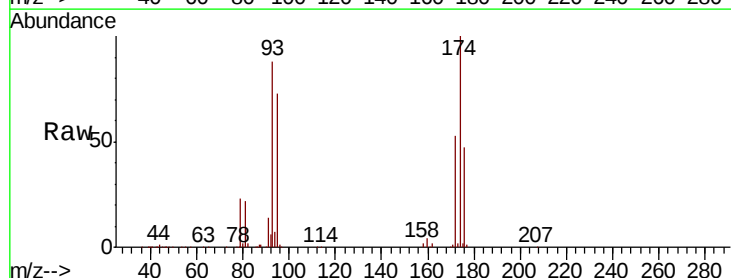
Tgt Ion: 93 Resp: 117356

Ion Ratio Lower Upper

93 100

95 83.3 67.4 101.0

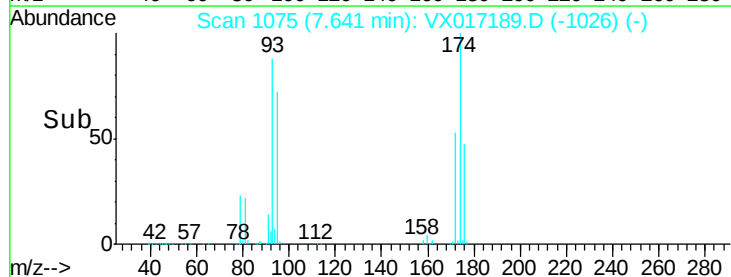
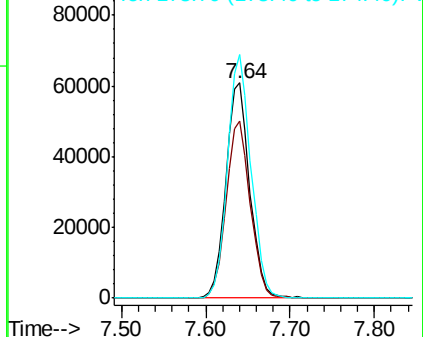
174 111.5 84.3 126.5

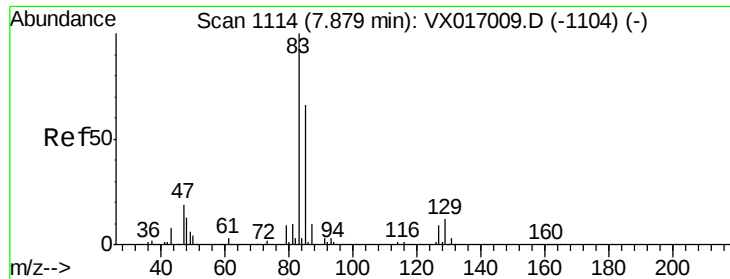


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.075 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

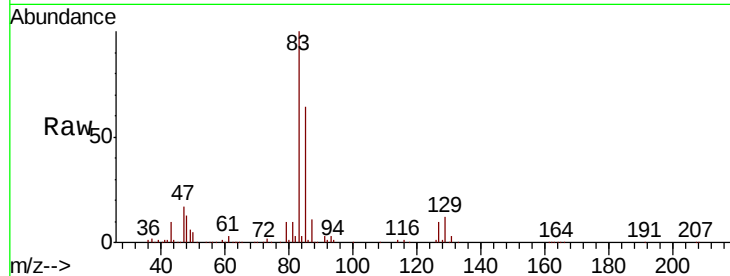
Tot Ion: 83 Resp: 246074

Ion Ratio Lower Upper

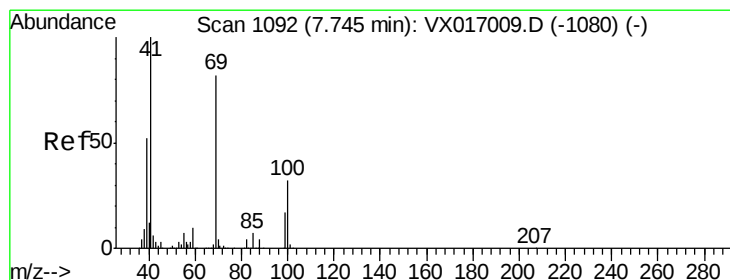
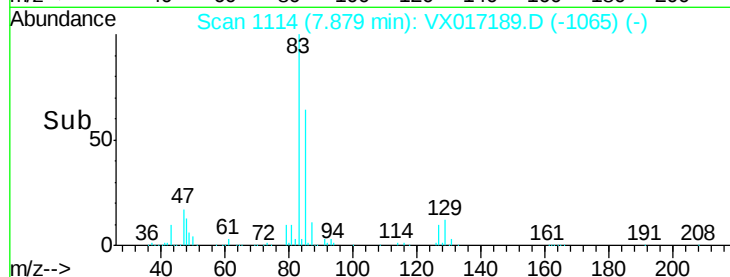
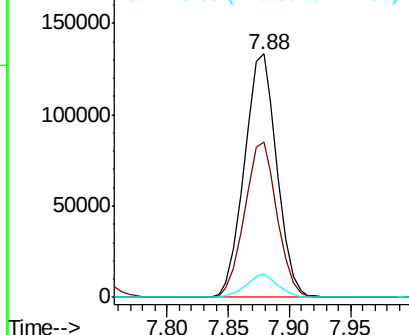
83 100

85 63.9 53.0 79.4

127 9.7 7.5 11.3



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: 50.487 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

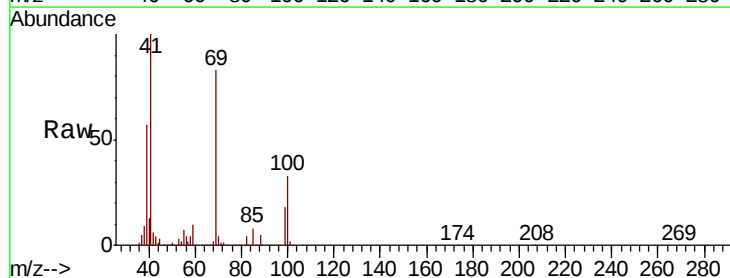
Tgt Ion: 41 Resp: 183506

Ion Ratio Lower Upper

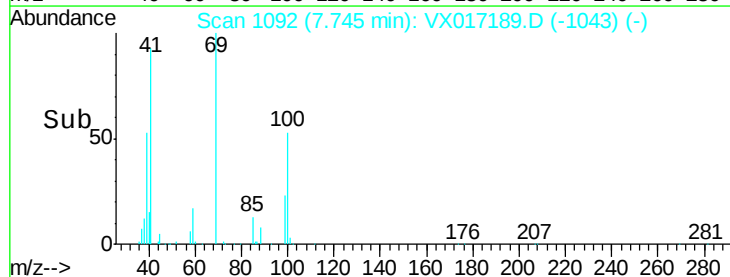
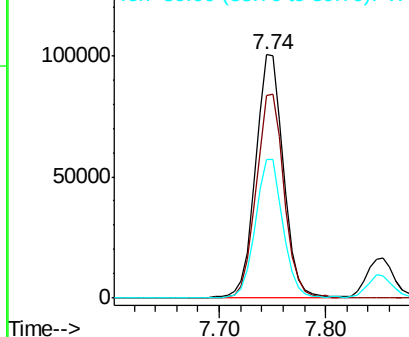
41 100

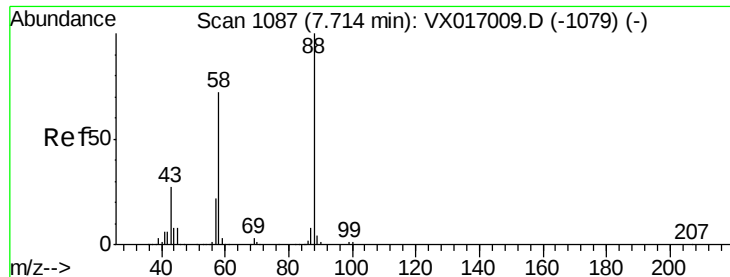
69 84.2 65.8 98.8

39 56.7 42.5 63.7



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

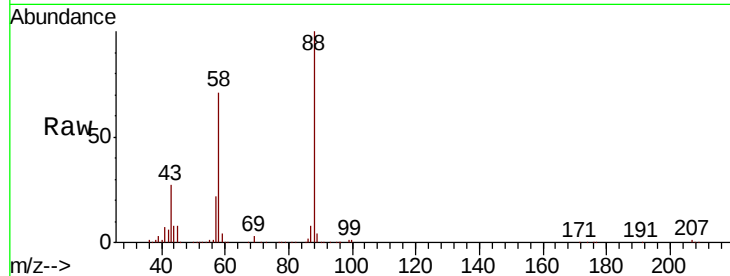




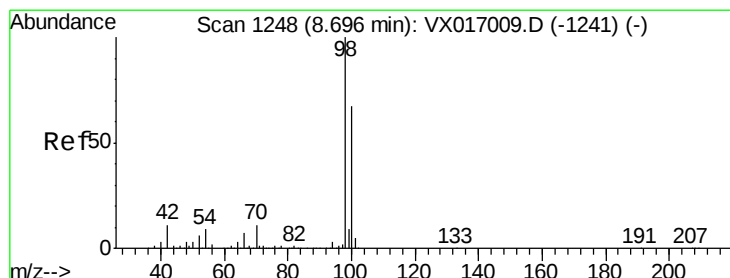
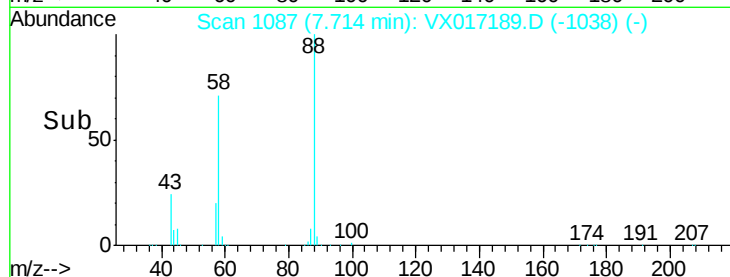
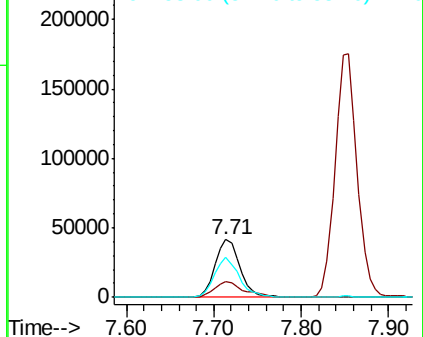
#49
1,4-Dioxane
Concen: 999.487 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 82301
Ion Ratio Lower Upper
88 100
43 32.4 25.8 38.8
58 70.0 54.8 82.2

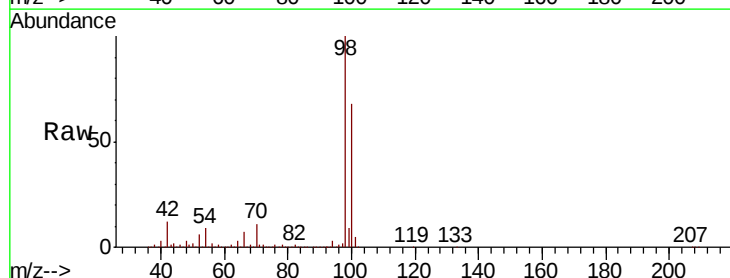


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

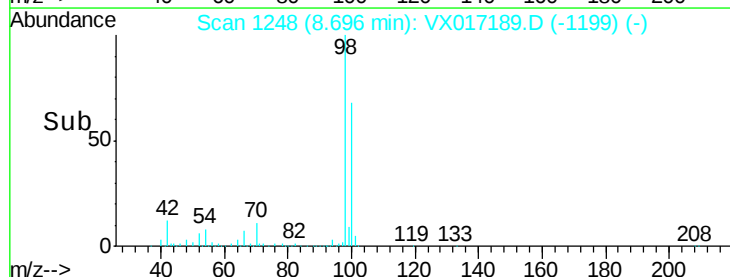
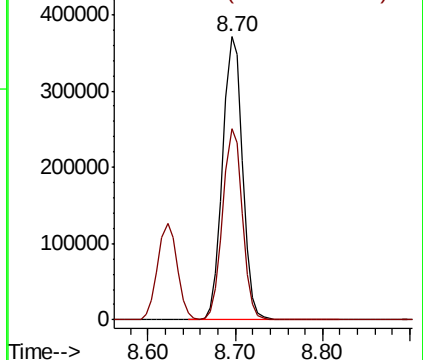


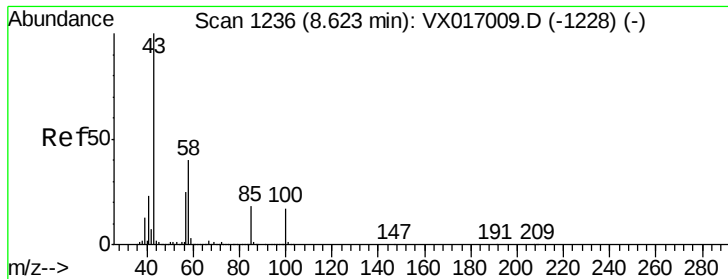
#50
Toluene-d8
Concen: 51.907 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 98 Resp: 582938
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.6



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





#51

4-Methyl-2-Pentanone

Concen: 250.860 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

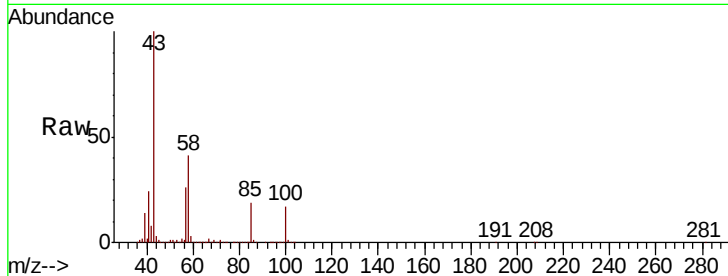
VSTDCCC050EC

Tot Ion: 43 Resp: 1144031

Ion Ratio Lower Upper

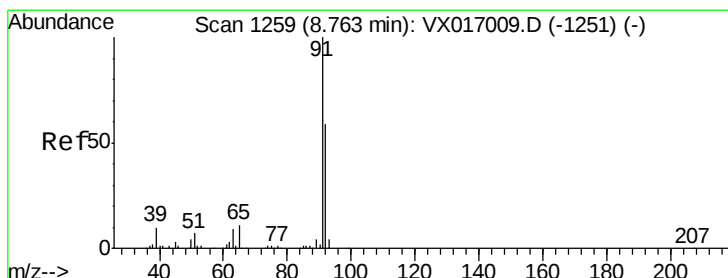
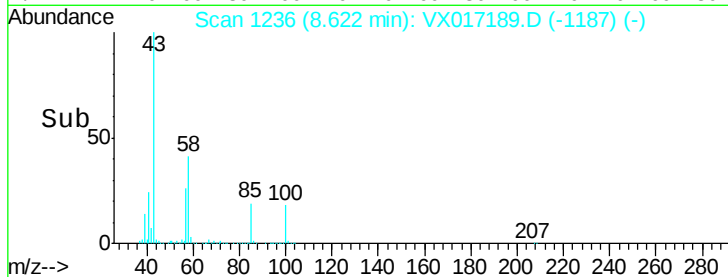
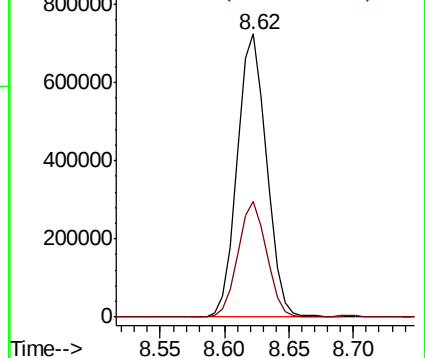
43 100

58 40.0 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.622 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017189.D

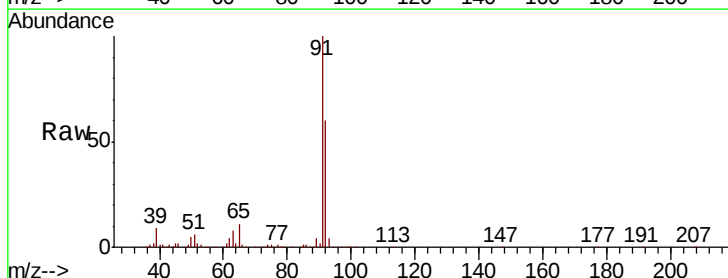
Acq: 06 Jul 2020 23:14

Tgt Ion: 92 Resp: 413058

Ion Ratio Lower Upper

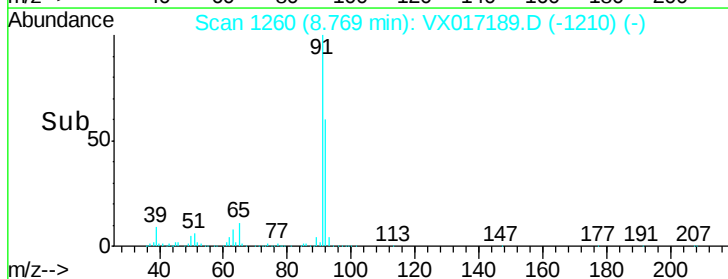
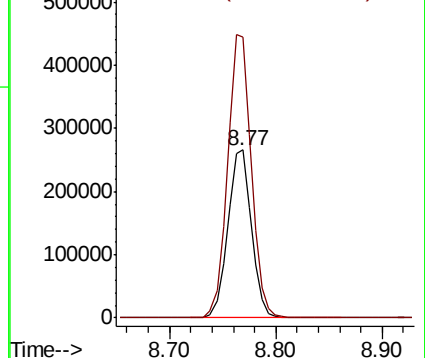
92 100

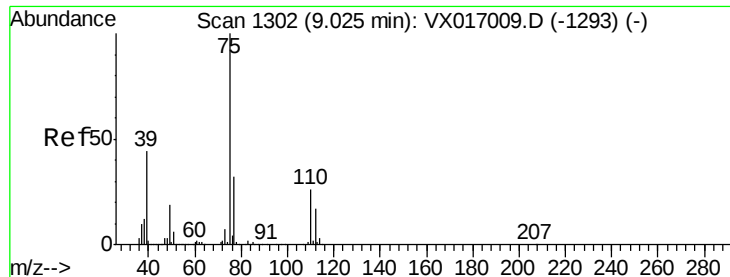
91 168.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.678 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

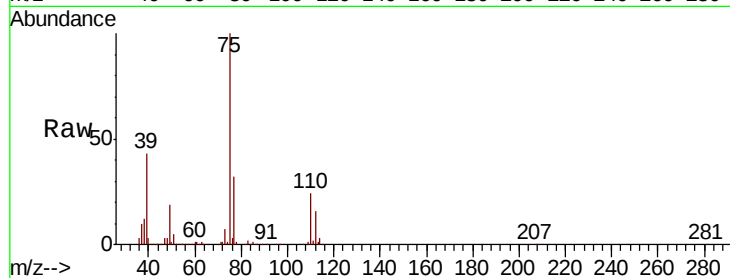
VSTDCCC050EC

Tot Ion: 75 Resp: 264077

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

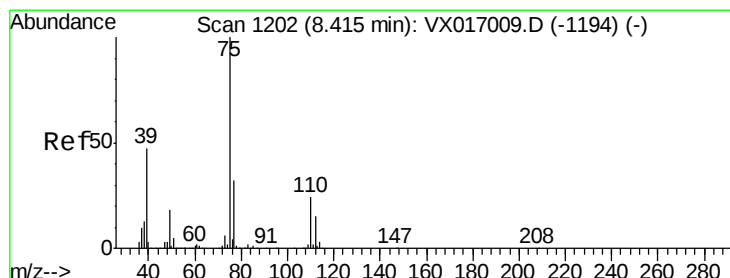
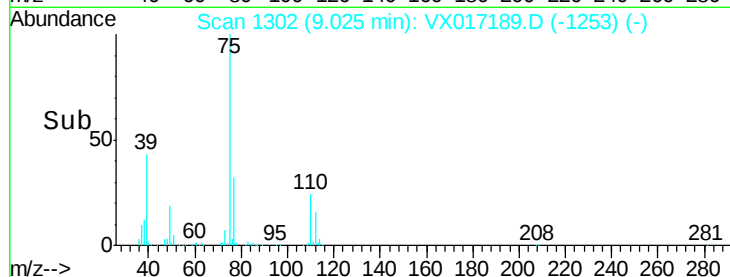
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.476 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

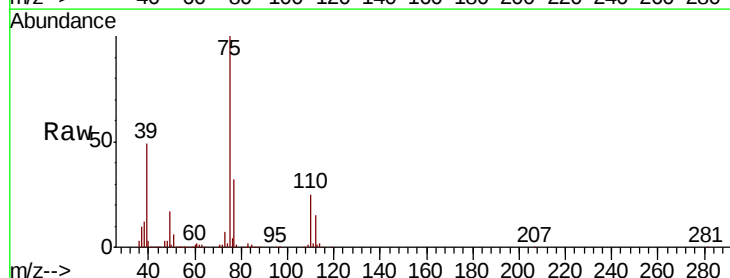
Tgt Ion: 75 Resp: 276240

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 49.3 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

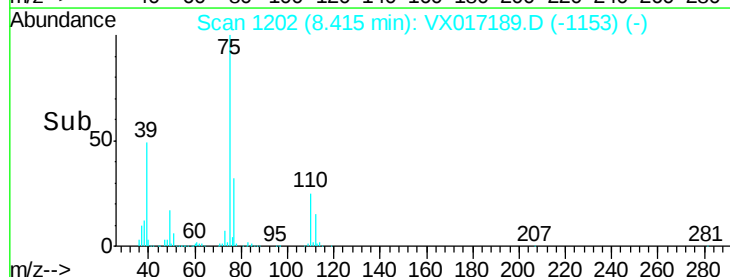
150000

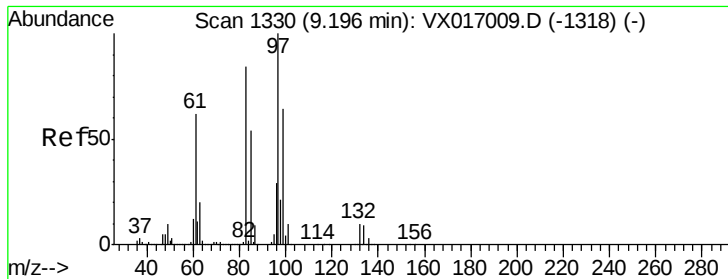
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.757 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 172622

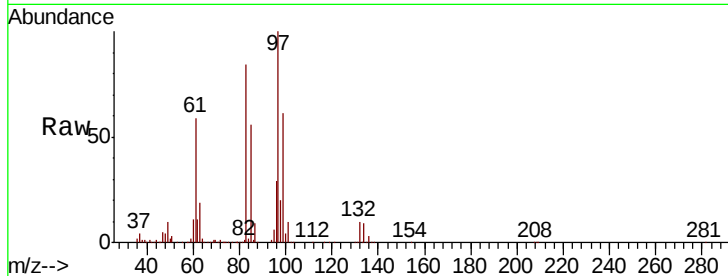
Ion Ratio Lower Upper

97 100

83 83.7 67.0 100.6

85 55.6 43.5 65.3

99 60.6 51.0 76.6

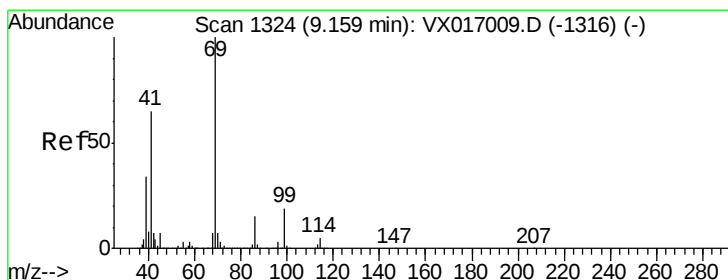
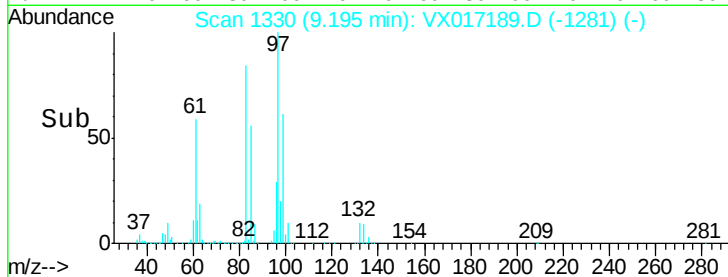
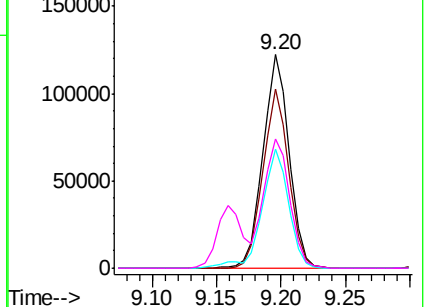


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.413 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

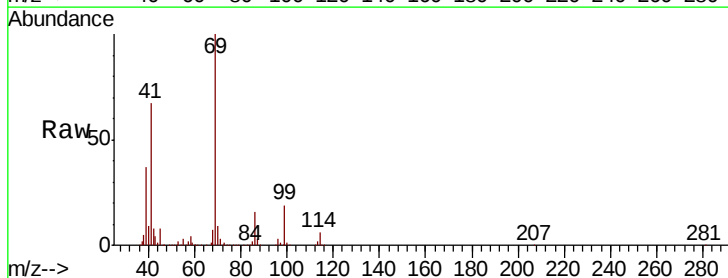
Tgt Ion: 69 Resp: 253716

Ion Ratio Lower Upper

69 100

41 66.0 53.6 80.4

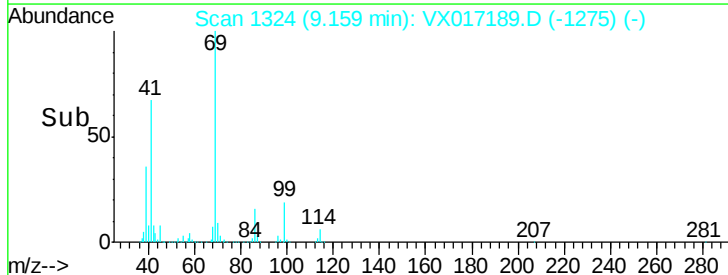
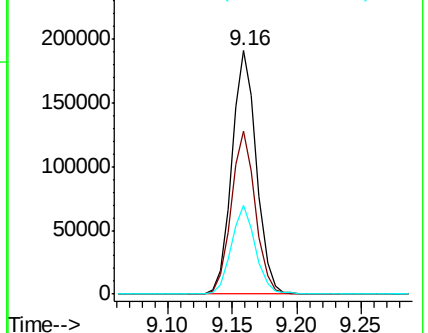
39 35.8 28.2 42.2

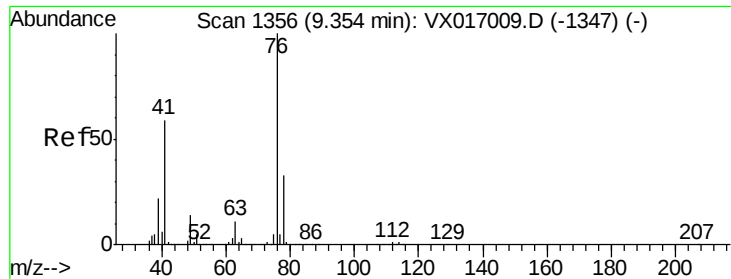


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.782 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

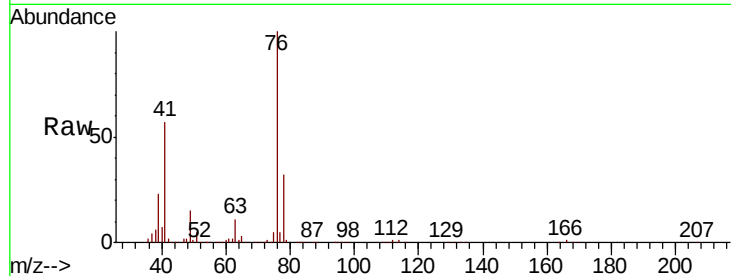
VSTDCCC050EC

Tot Ion: 76 Resp: 280728

Ion Ratio Lower Upper

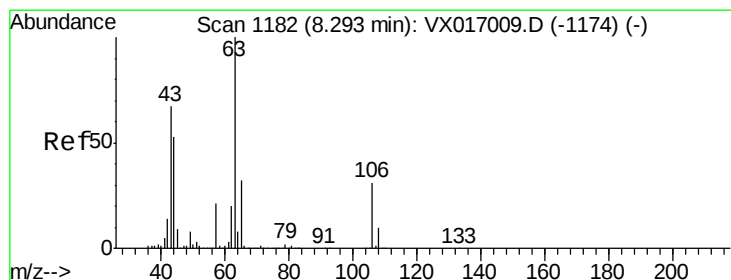
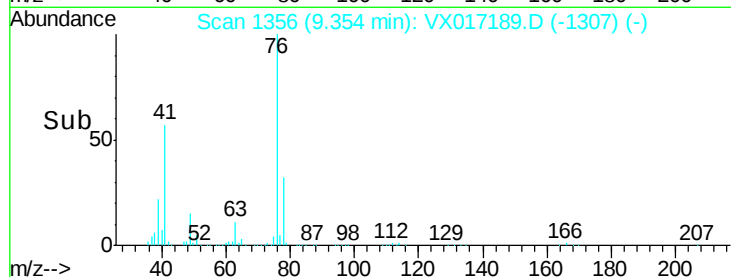
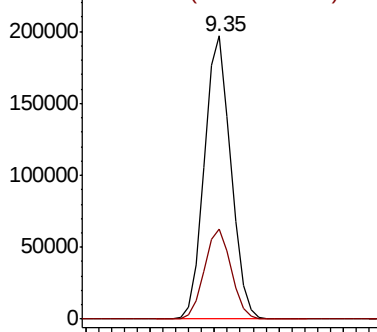
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.238 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017189.D

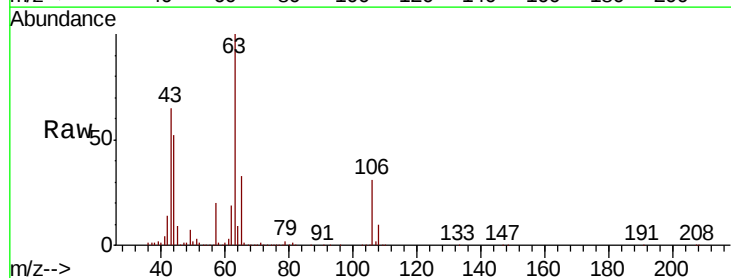
Acq: 06 Jul 2020 23:14

Tgt Ion: 63 Resp: 641412

Ion Ratio Lower Upper

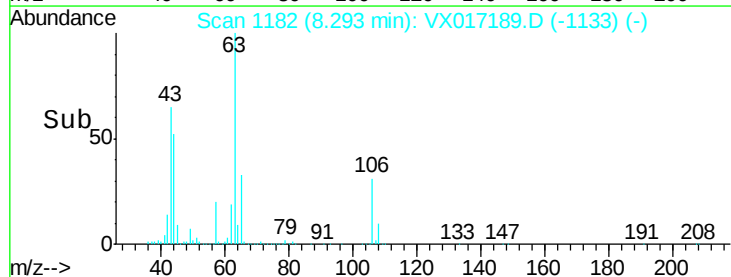
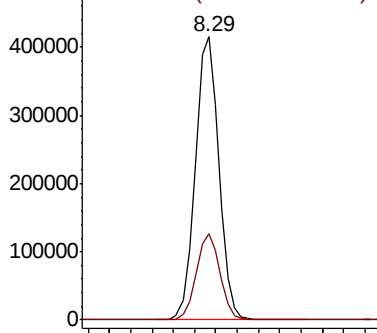
63 100

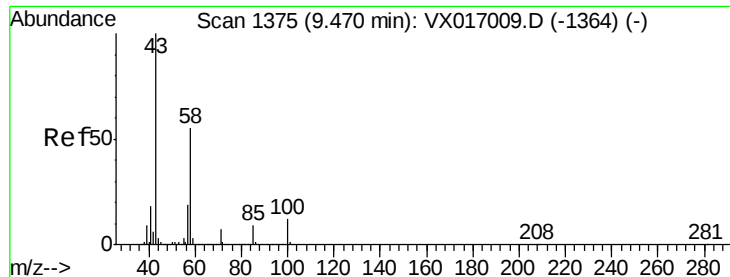
106 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

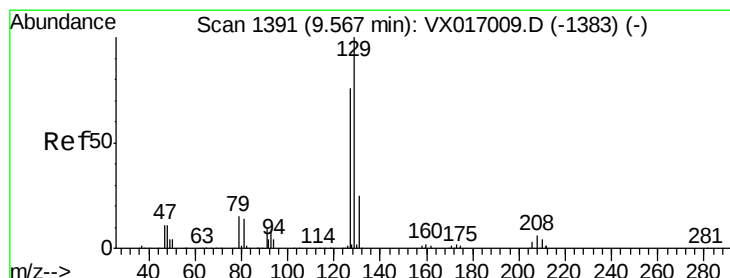
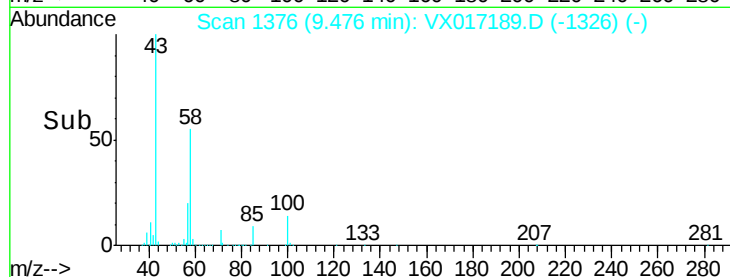
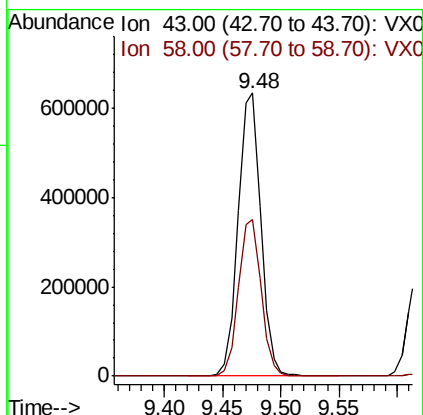
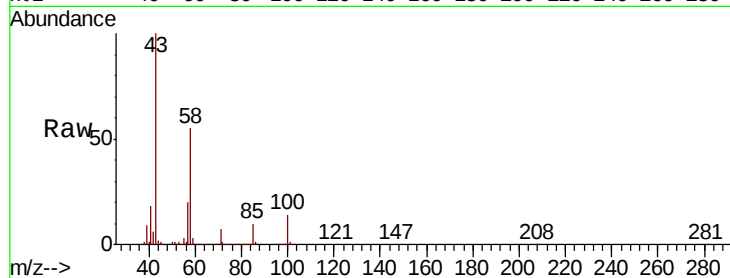




#59
2-Hexanone
Concen: 259.536 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

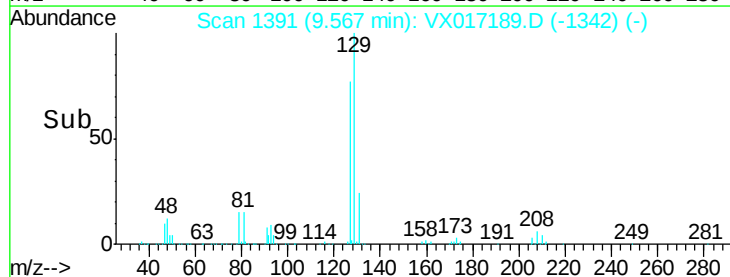
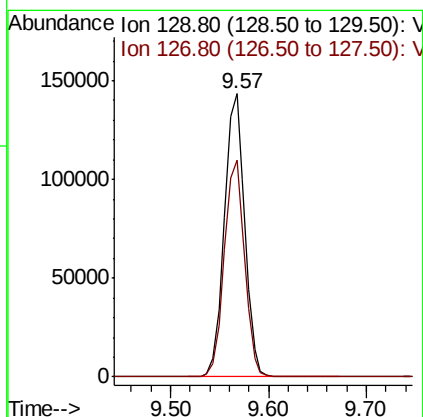
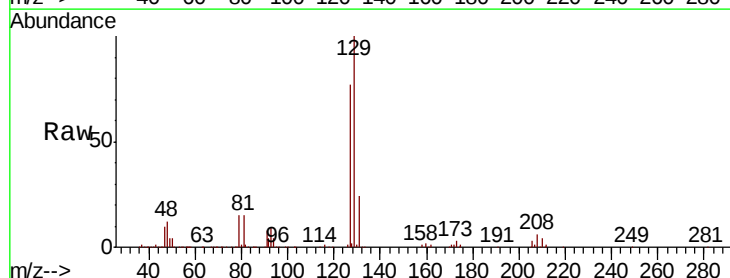
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

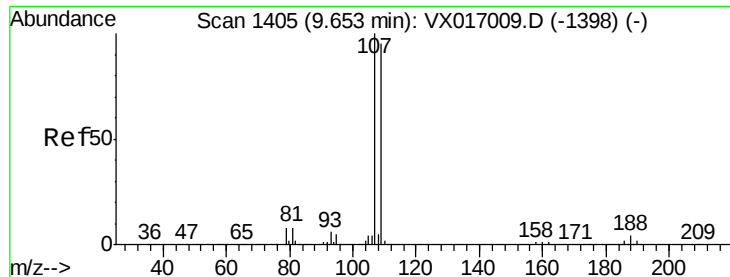
Tot Ion: 43 Resp: 864422
Ion Ratio Lower Upper
43 100
58 55.3 27.9 83.6



#60
Dibromochloromethane
Concen: 52.327 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 129 Resp: 206695
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7

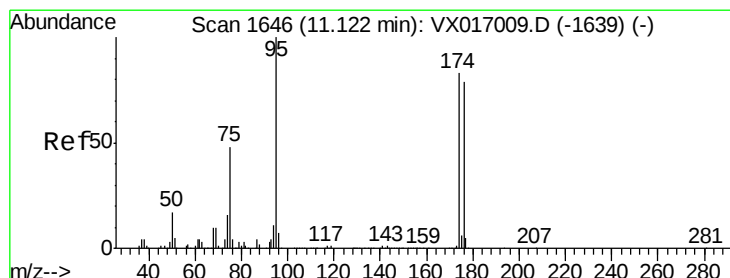
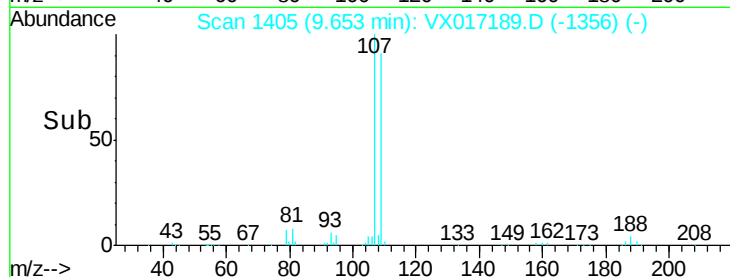
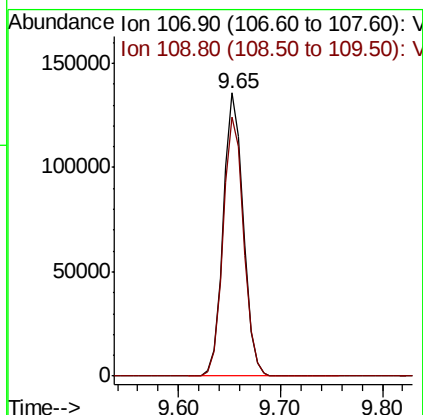
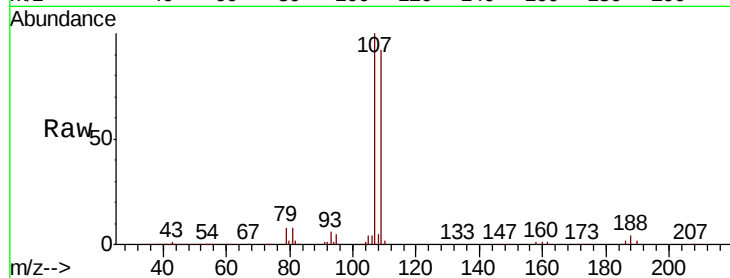




#61
 1,2-Dibromoethane
 Concen: 50.743 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

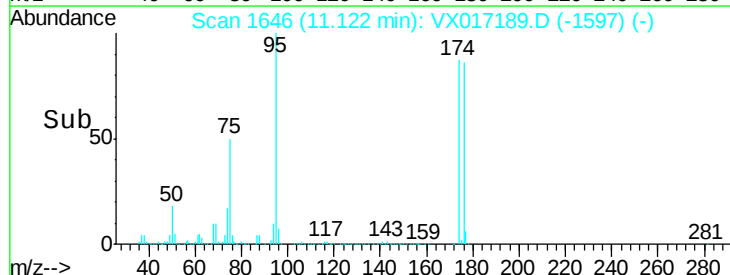
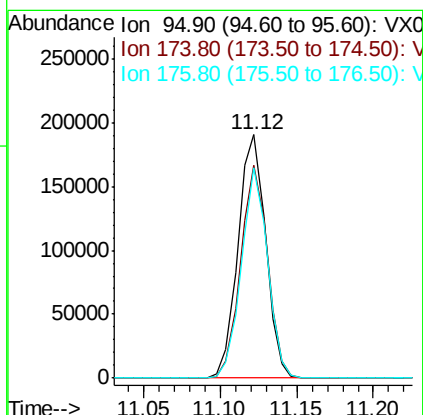
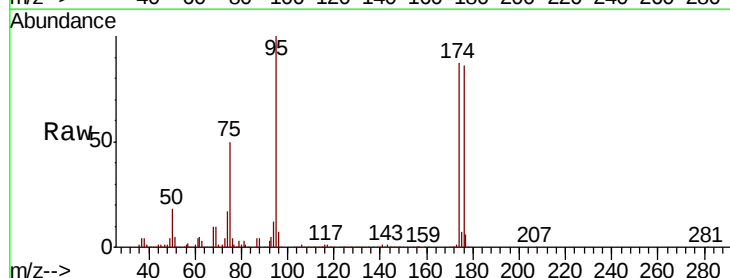
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

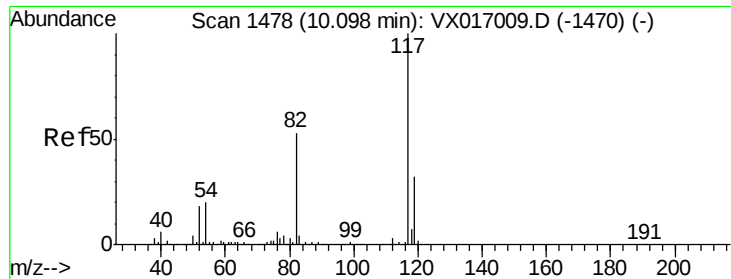
Tot Ion:107 Resp: 185501
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.426 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion: 95 Resp: 238937
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 164.0
 176 81.5 0.0 157.6

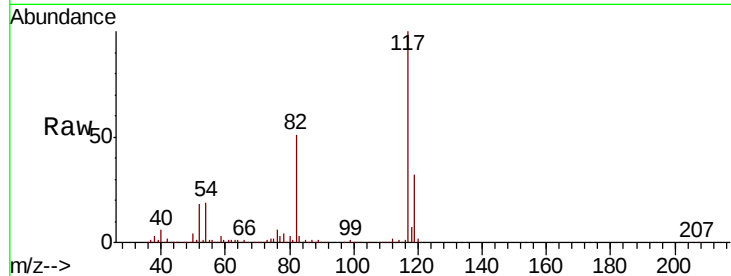




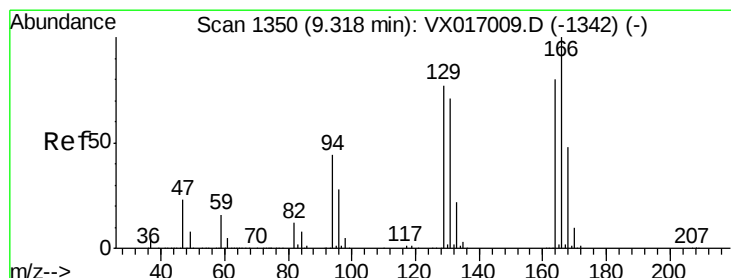
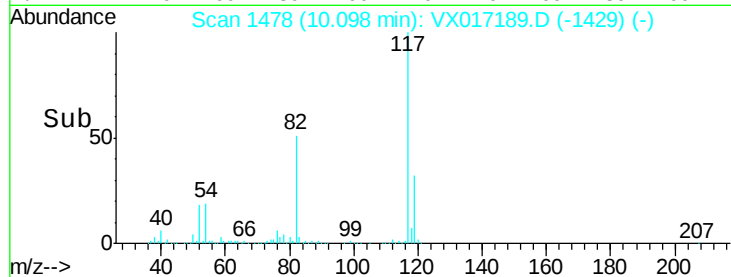
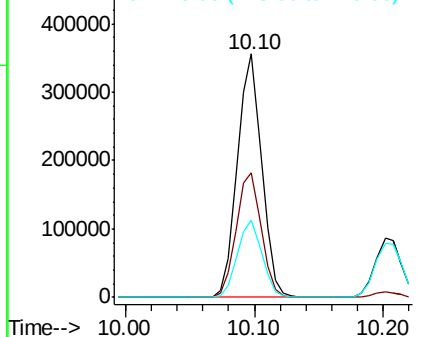
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 467775
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 31.8 25.4 38.2

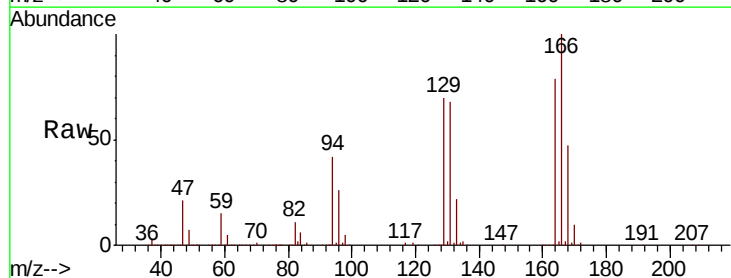


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

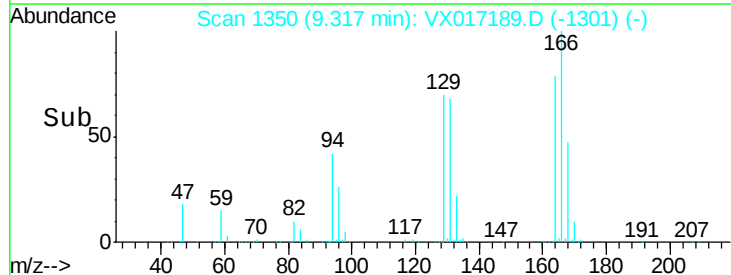
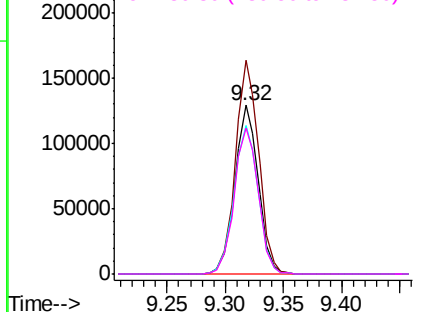


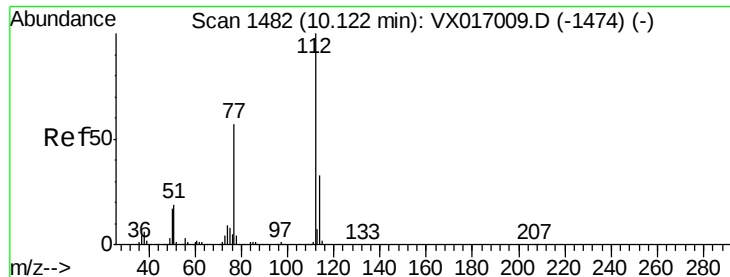
#64
Tetrachloroethene
Concen: 47.826 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:164 Resp: 180554
Ion Ratio Lower Upper
164 100
166 126.8 99.4 149.0
129 88.2 76.3 114.5
131 86.3 70.6 105.8



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

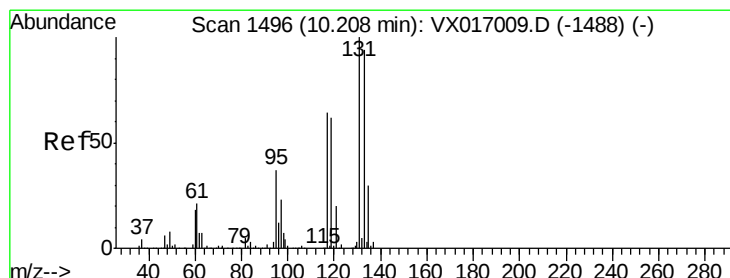
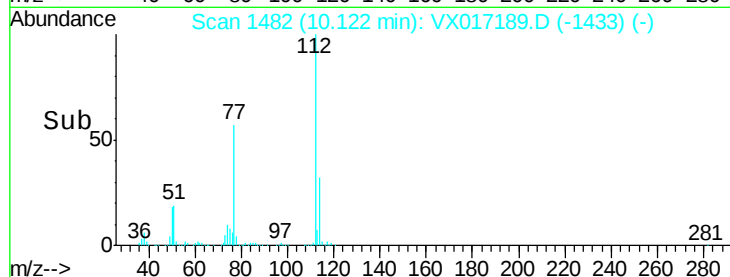
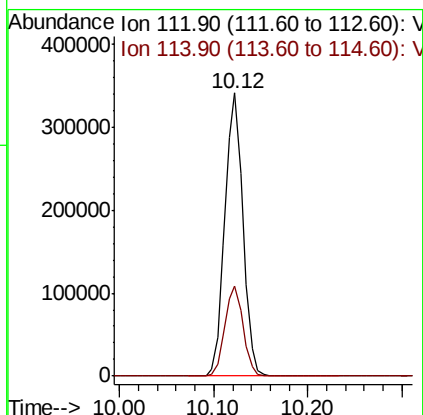
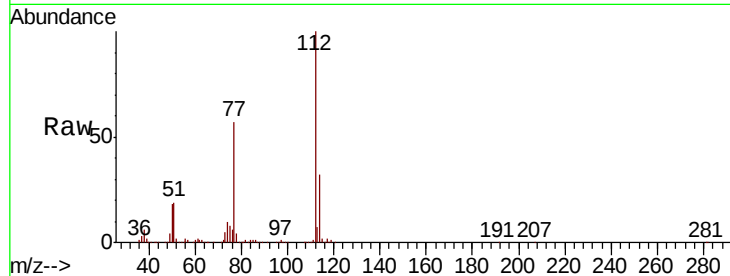




#65
Chlorobenzene
Concen: 47.092 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

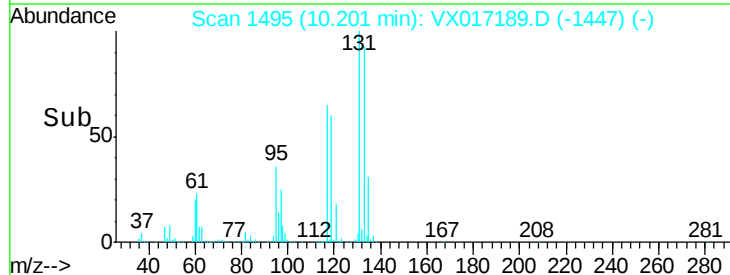
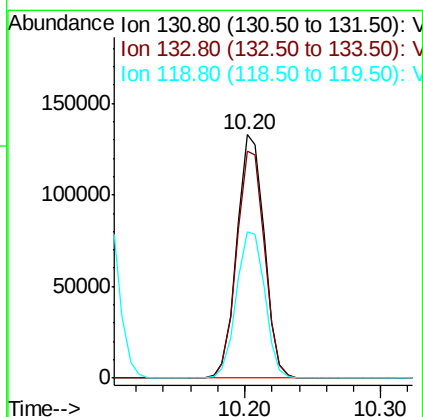
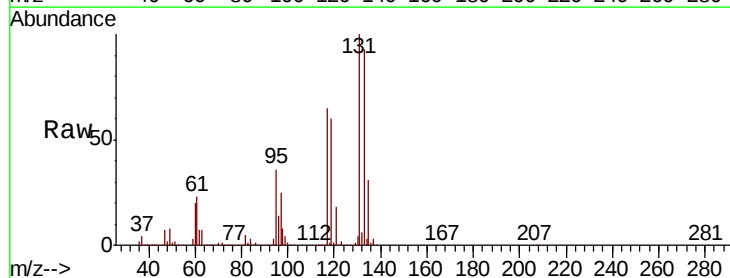
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

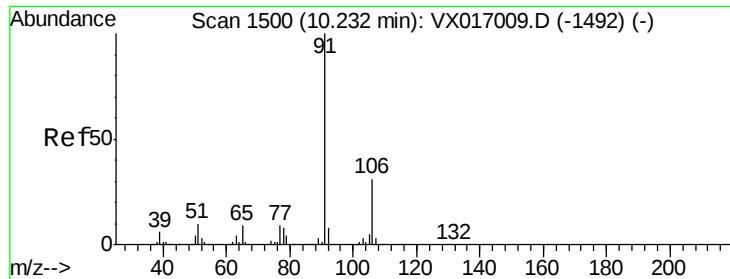
Tot Ion:112 Resp: 454655
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.973 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:131 Resp: 185936
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 62.2 31.9 95.5

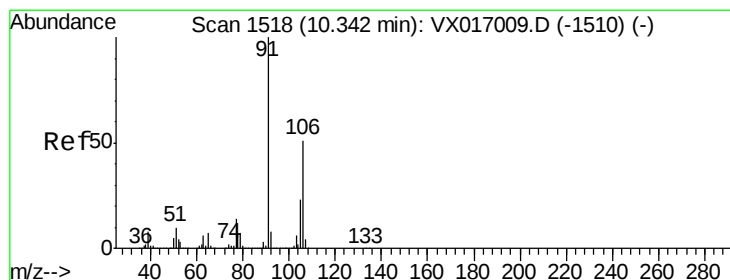
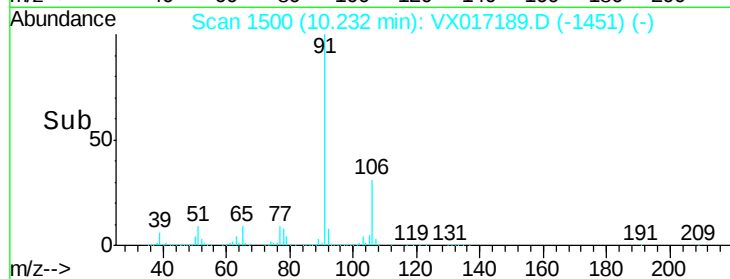
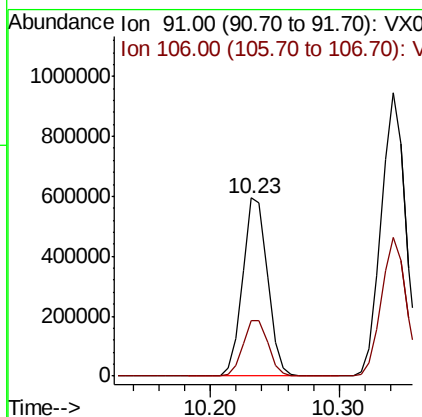
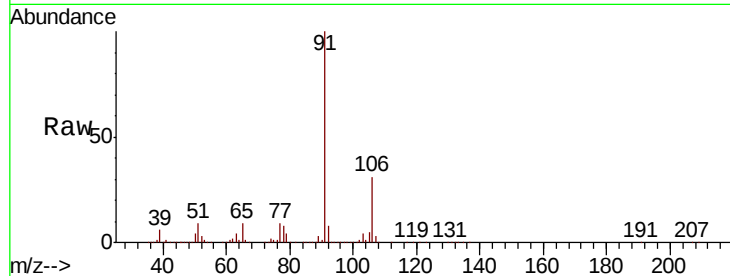




#67
Ethyl Benzene
Concen: 48.993 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

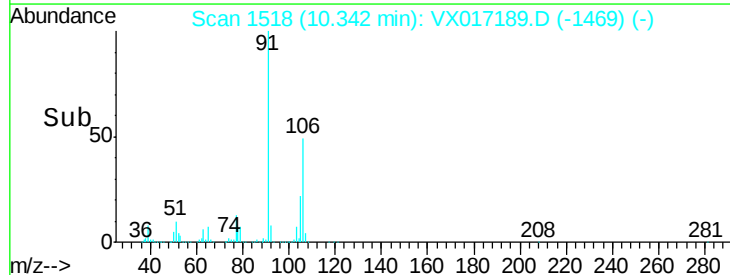
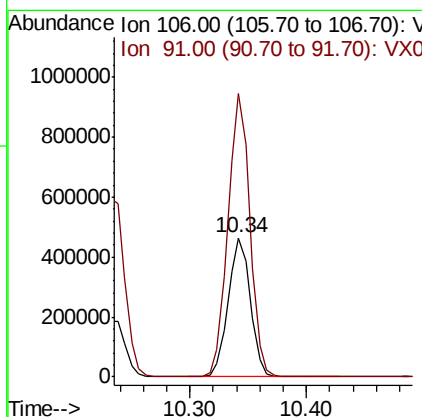
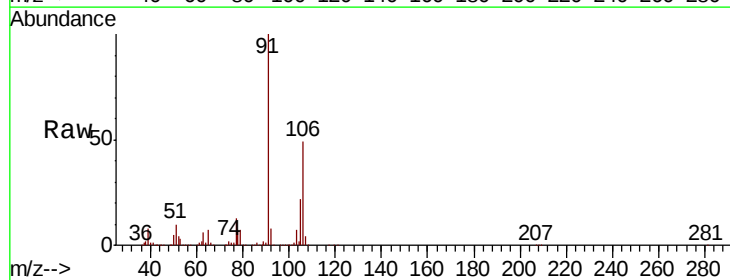
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

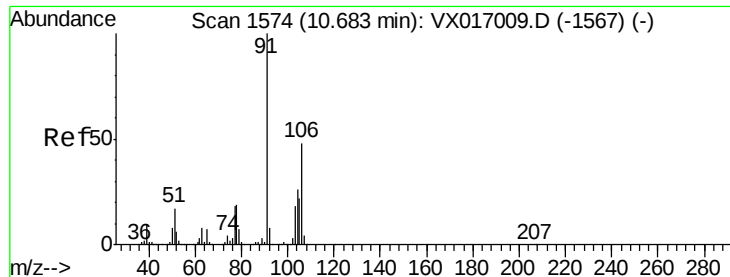
Tot Ion: 91 Resp: 789929
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 99.055 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 106 Resp: 613228
Ion Ratio Lower Upper
106 100
91 202.1 158.6 238.0

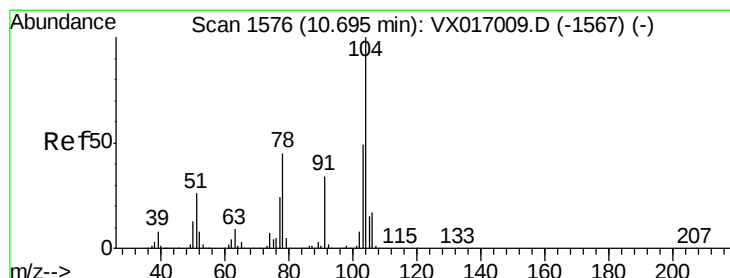
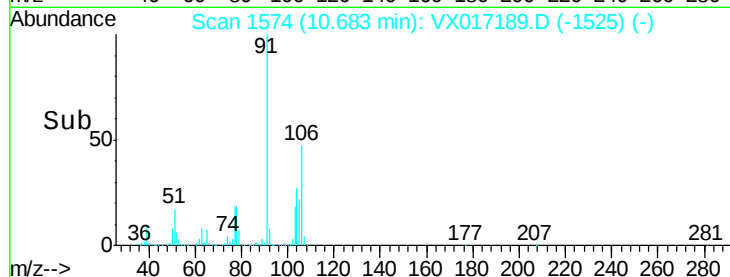
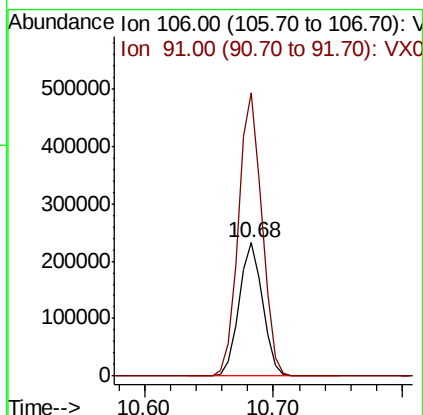
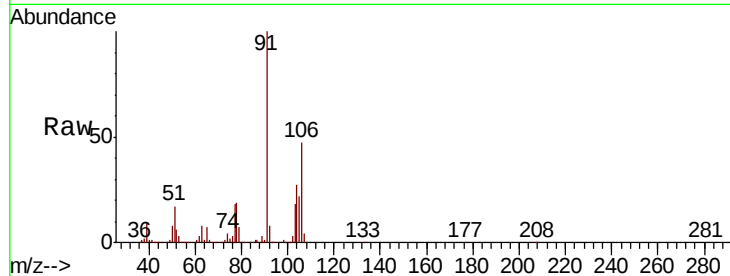




#69
o-Xylene
Concen: 49.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

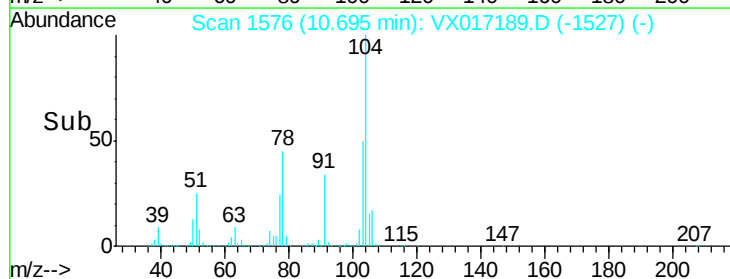
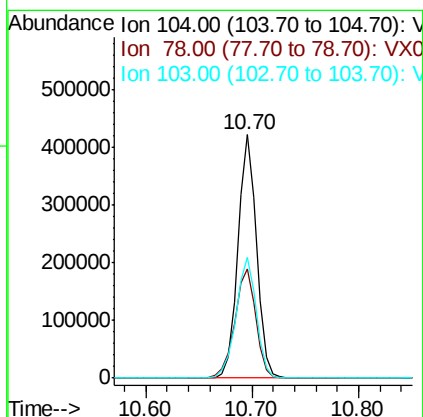
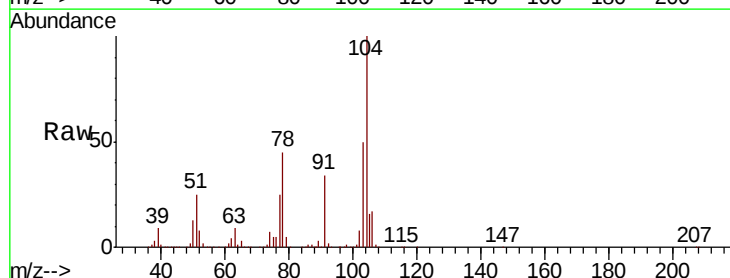
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

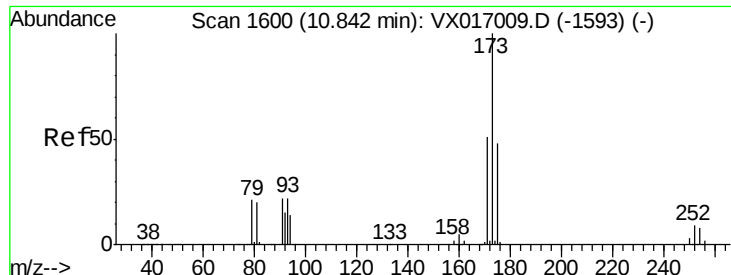
Tot Ion:106 Resp: 294131
Ion Ratio Lower Upper
106 100
91 211.6 105.6 316.7



#70
Styrene
Concen: 51.666 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:104 Resp: 518152
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.1 43.0 64.6





#71

Bromoform

Concen: 55.315 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

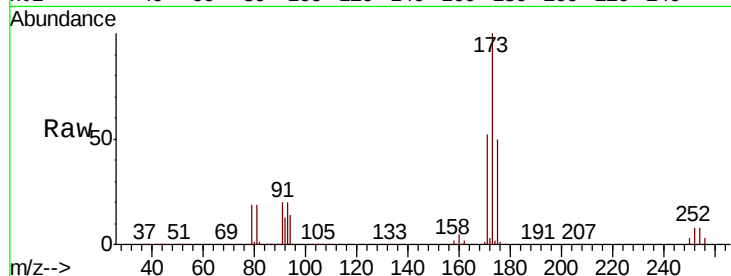
Tot Ion:173 Resp: 163208

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

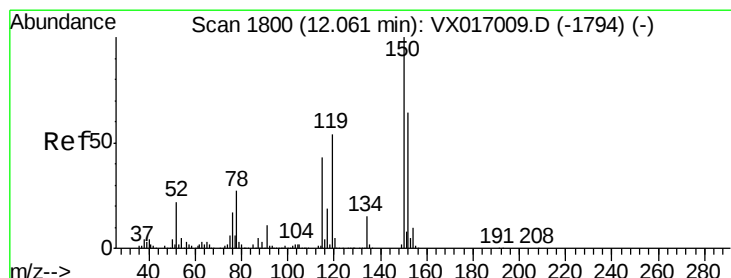
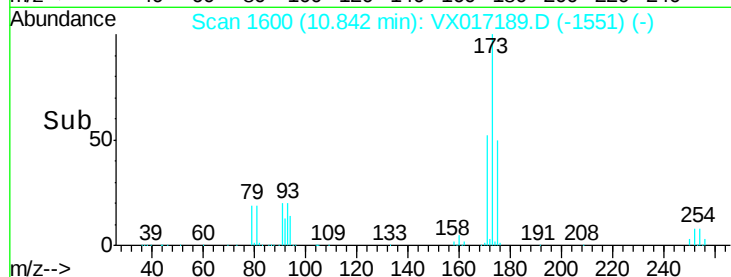
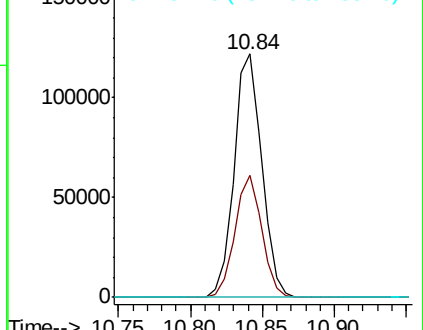
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

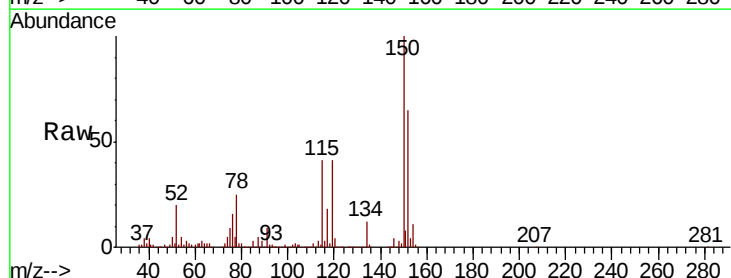
Tgt Ion:152 Resp: 255077

Ion Ratio Lower Upper

152 100

115 78.8 40.9 122.7

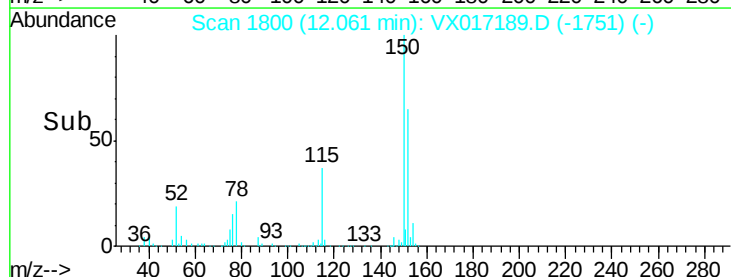
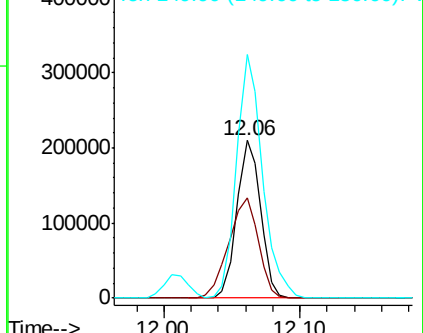
150 169.2 0.0 351.6

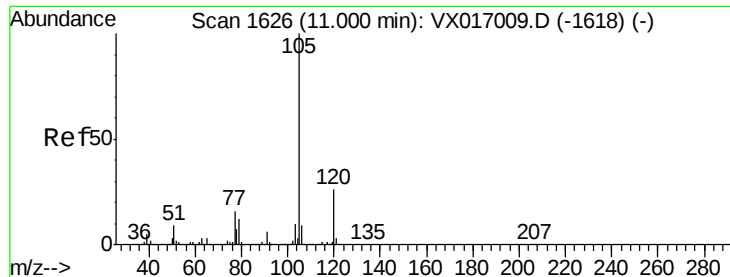


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.853 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

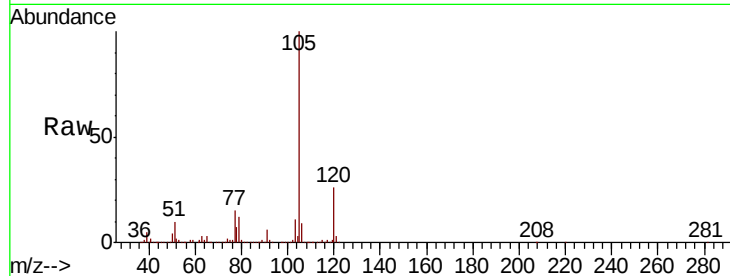
VSTDCCC050EC

Tot Ion:105 Resp: 799525

Ion Ratio Lower Upper

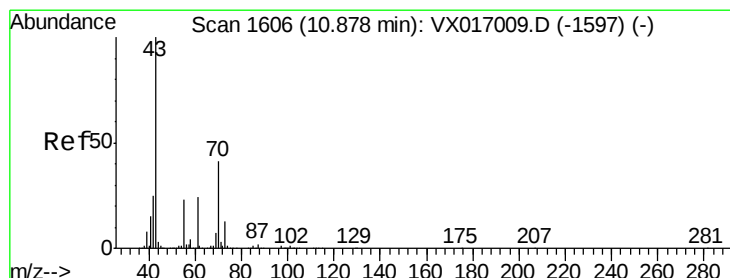
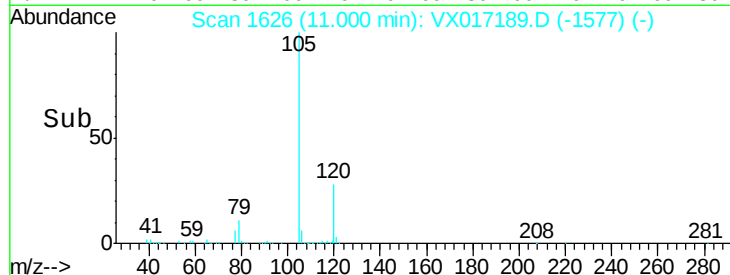
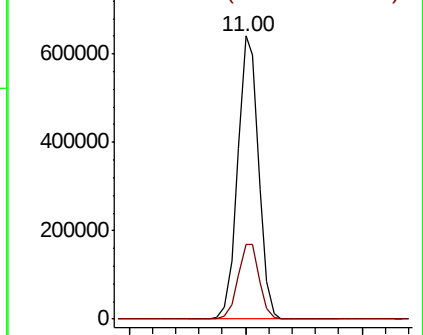
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.866 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Tgt Ion: 43 Resp: 341242

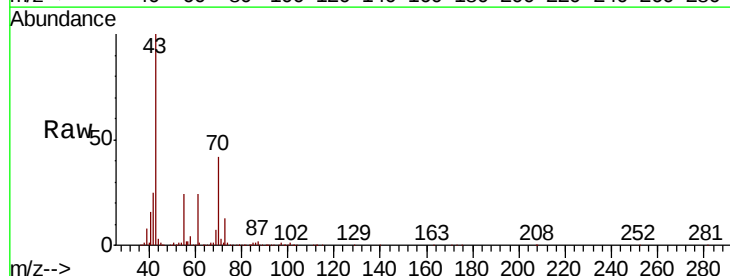
Ion Ratio Lower Upper

43 100

70 43.8 34.2 51.2

55 24.5 19.2 28.8

61 25.3 19.6 29.4

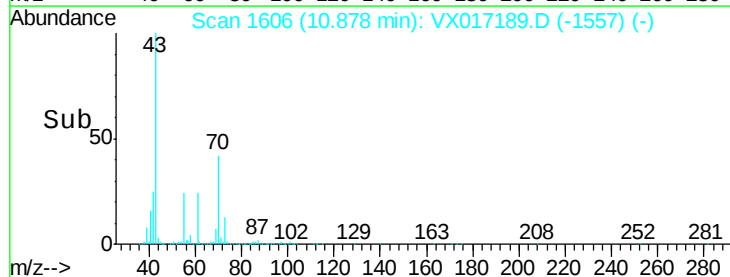
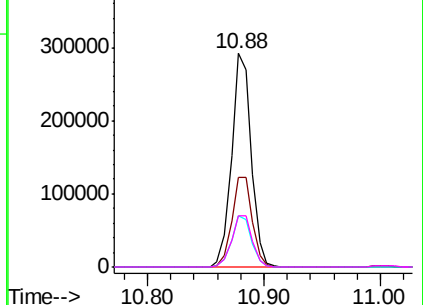


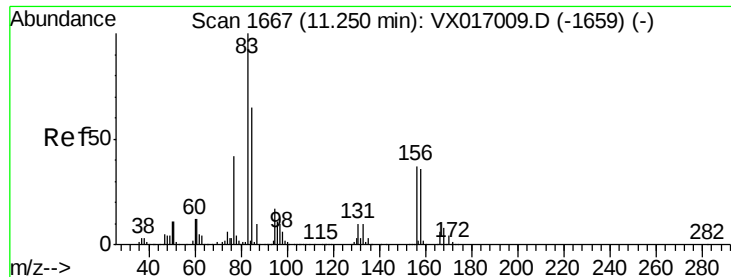
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.343 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

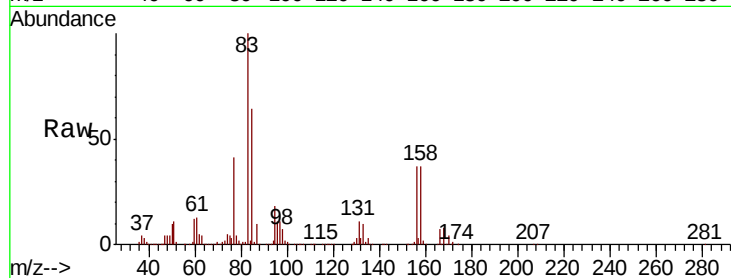
Tot Ion: 83 Resp: 243560

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

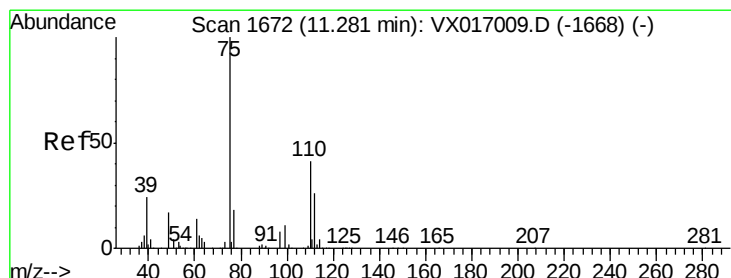
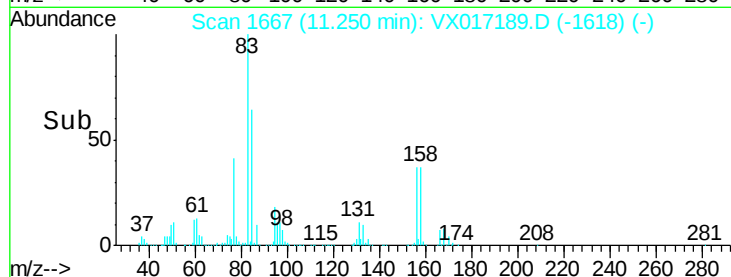
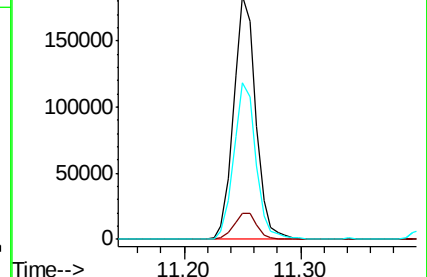
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.192 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017189.D

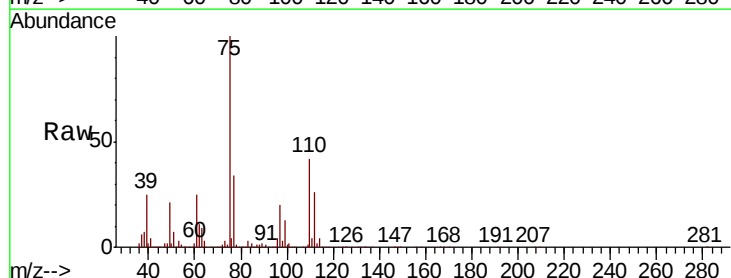
Acq: 06 Jul 2020 23:14

Tgt Ion: 75 Resp: 301920

Ion Ratio Lower Upper

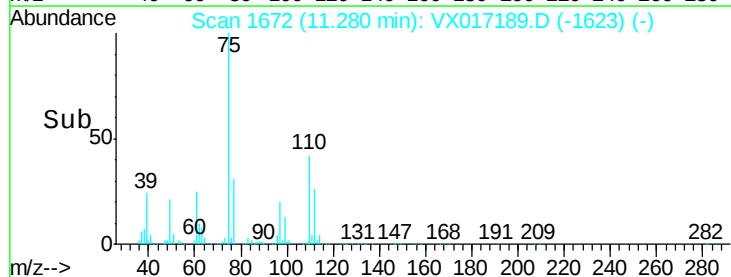
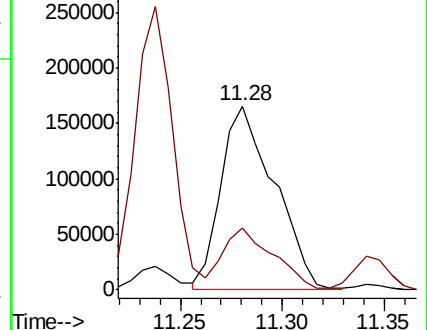
75 100

77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.586 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

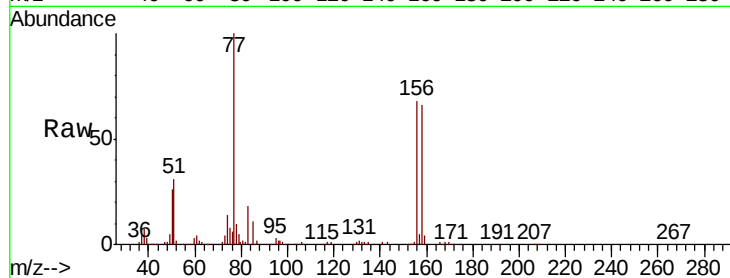
Tot Ion:156 Resp: 218510

Ion Ratio Lower Upper

156 100

77 149.7 76.9 230.7

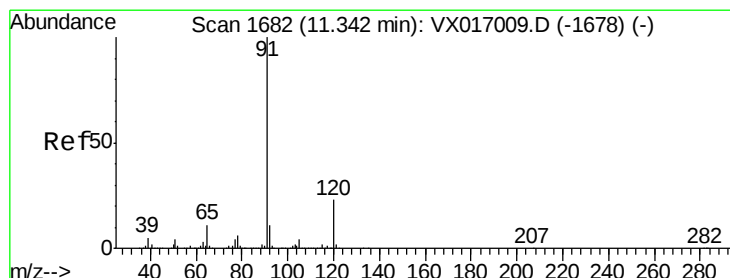
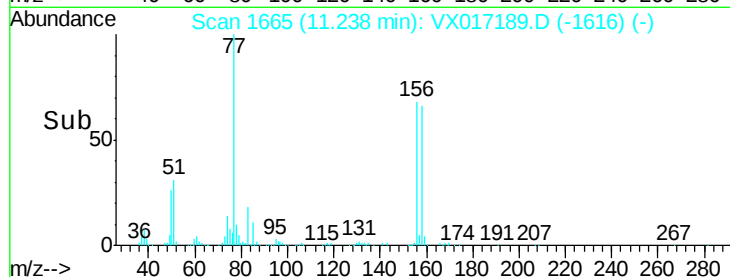
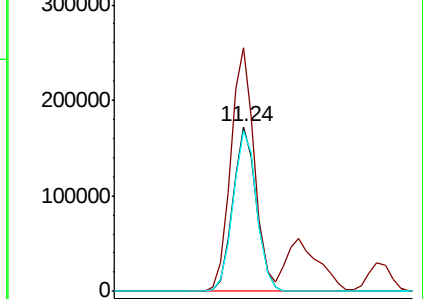
158 98.5 47.9 143.6



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: 47.787 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017189.D

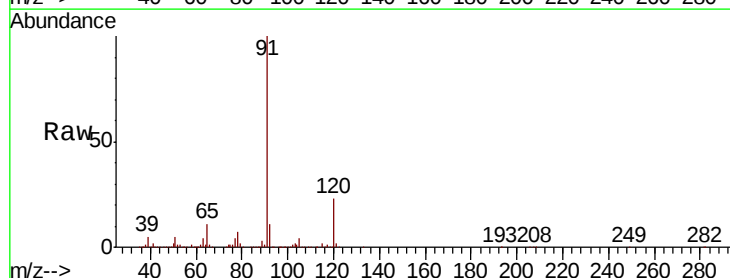
Acq: 06 Jul 2020 23:14

Tgt Ion: 91 Resp: 902865

Ion Ratio Lower Upper

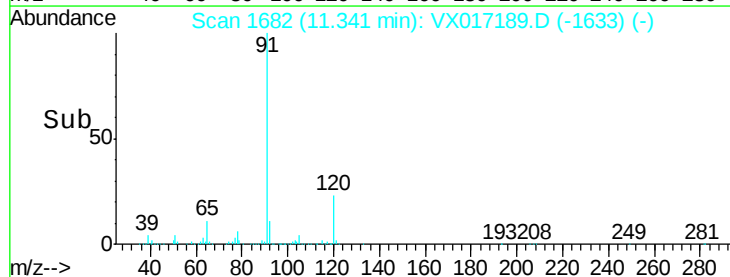
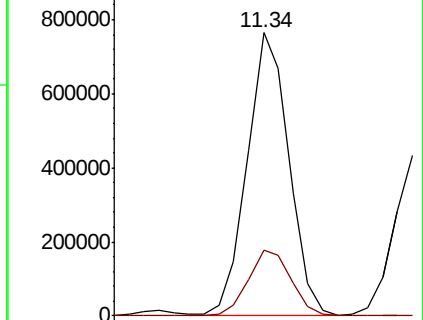
91 100

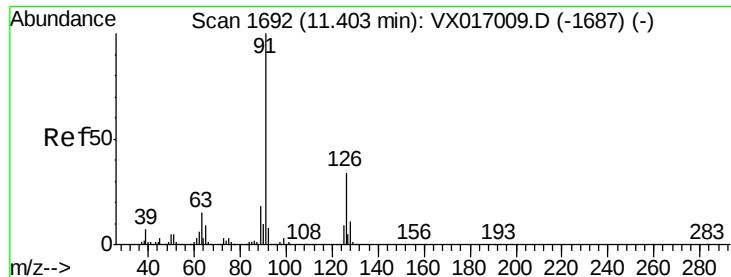
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.107 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

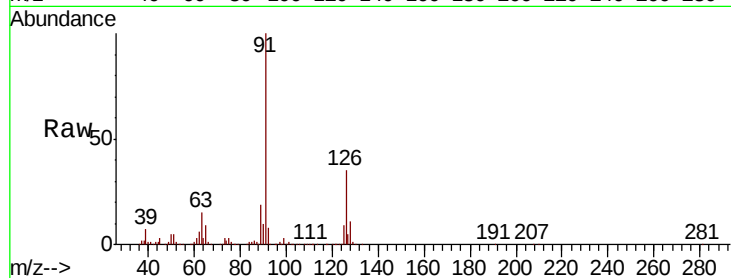
VSTDCCC050EC

Tot Ion: 91 Resp: 550088

Ion Ratio Lower Upper

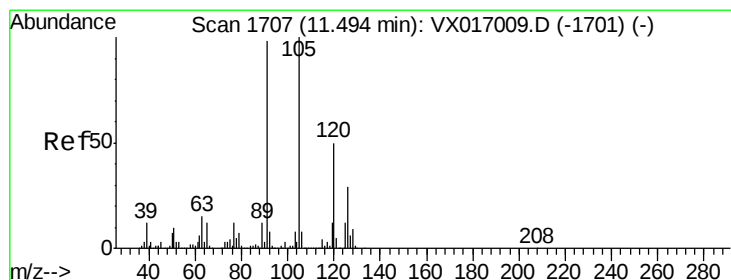
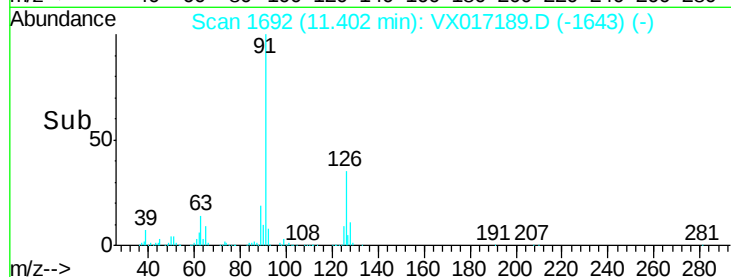
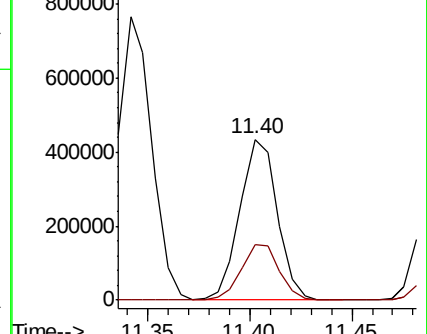
91 100

126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.320 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017189.D

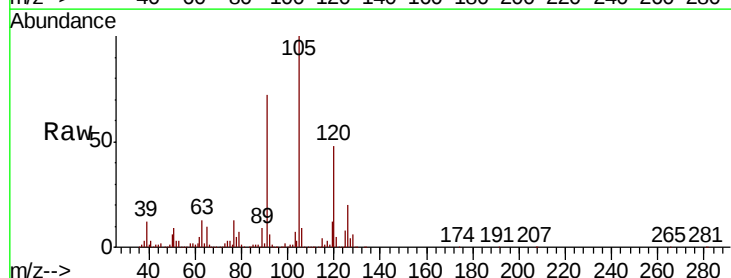
Acq: 06 Jul 2020 23:14

Tgt Ion:105 Resp: 683512

Ion Ratio Lower Upper

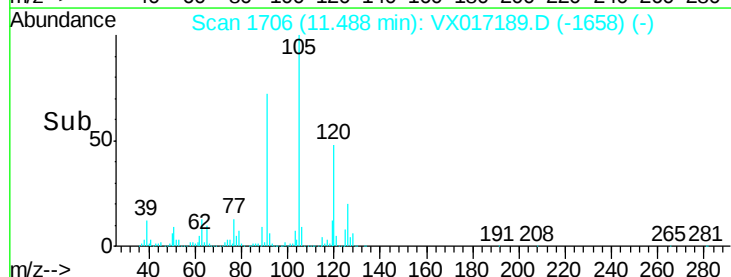
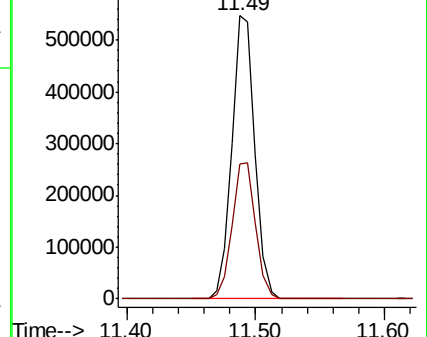
105 100

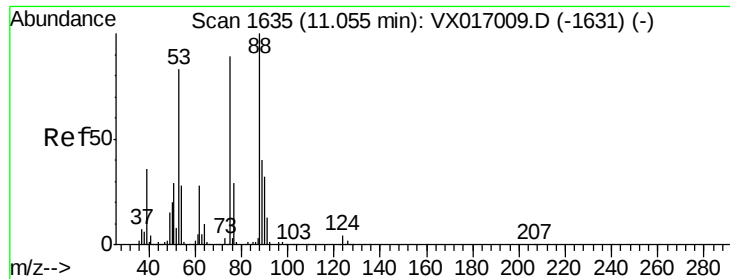
120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.560 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

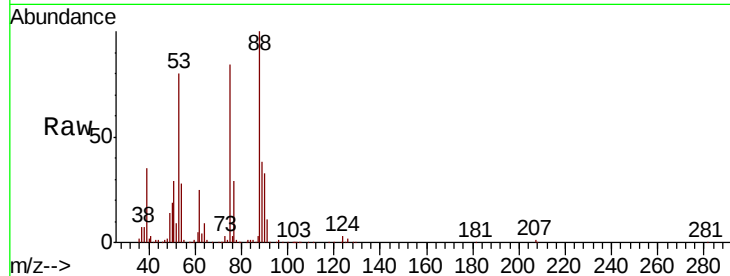
Tot Ion: 75 Resp: 86310

Ion Ratio Lower Upper

75 100

53 94.3 72.4 108.6

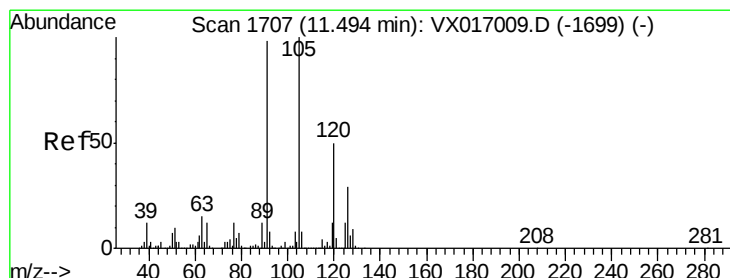
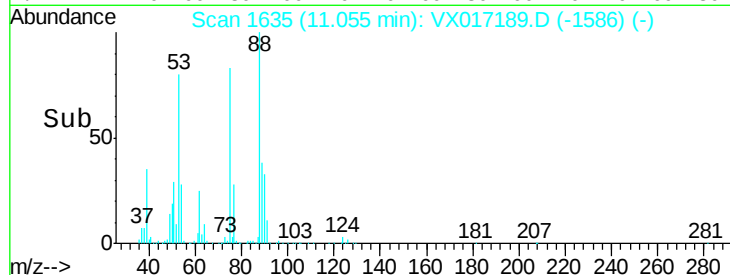
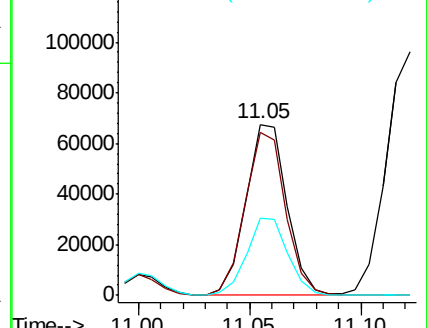
89 45.7 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.784 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017189.D

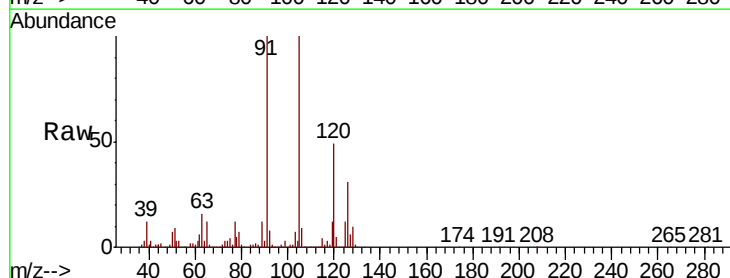
Acq: 06 Jul 2020 23:14

Tgt Ion: 91 Resp: 653187

Ion Ratio Lower Upper

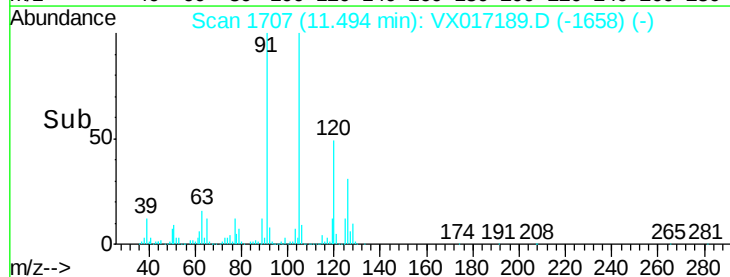
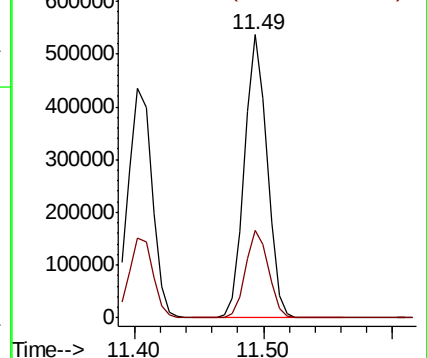
91 100

126 31.1 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.593 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

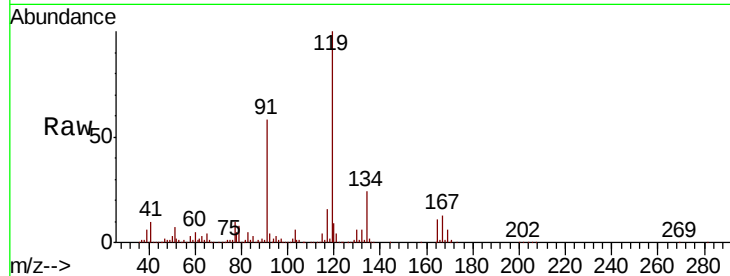
Tot Ion:119 Resp: 674686

Ion Ratio Lower Upper

119 100

91 56.6 28.3 84.9

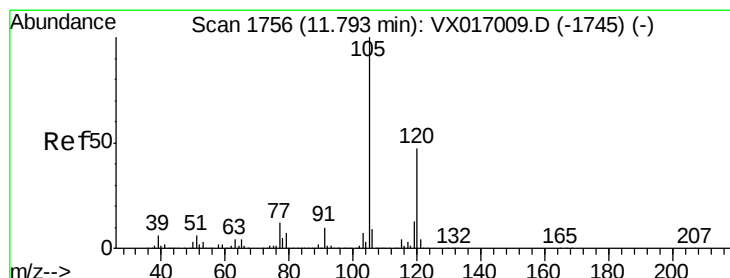
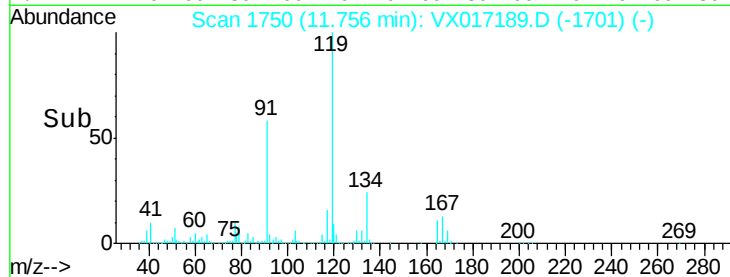
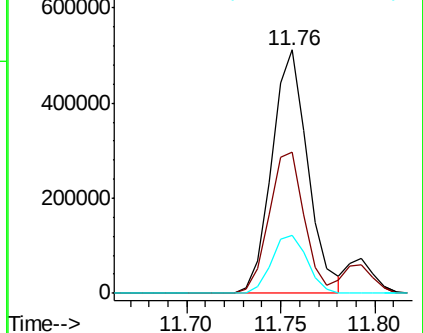
134 23.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.896 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017189.D

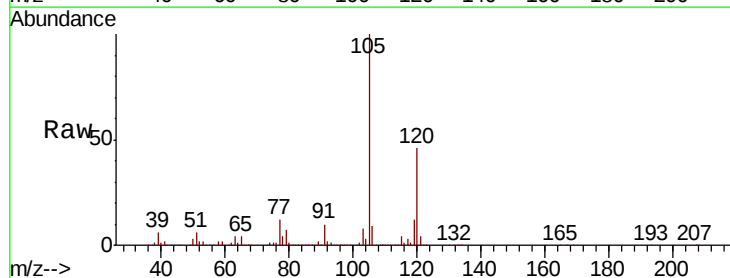
Acq: 06 Jul 2020 23:14

Tgt Ion:105 Resp: 701521

Ion Ratio Lower Upper

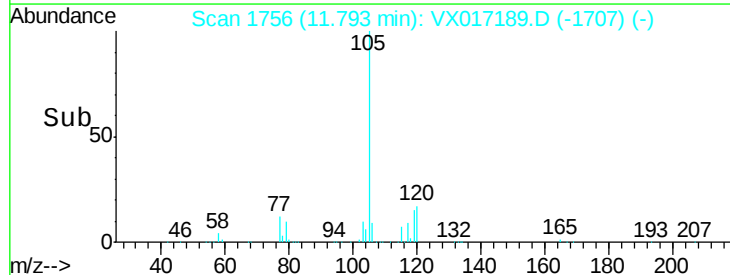
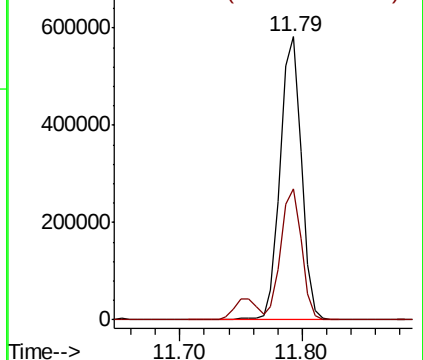
105 100

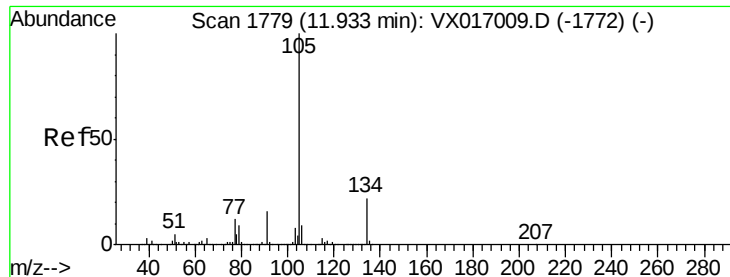
120 45.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.455 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

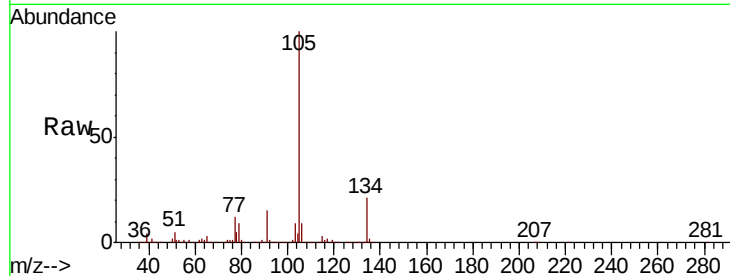
VSTDCCC050EC

Tot Ion:105 Resp: 774874

Ion Ratio Lower Upper

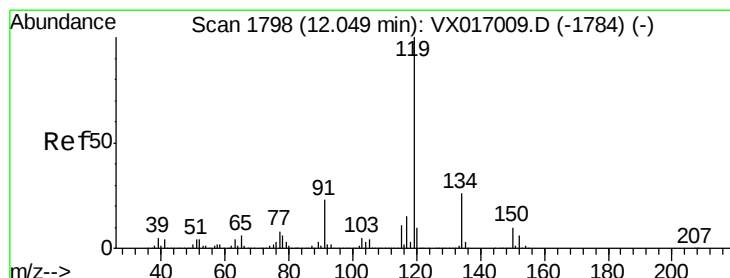
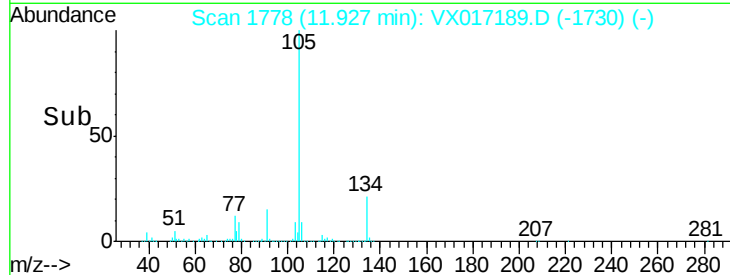
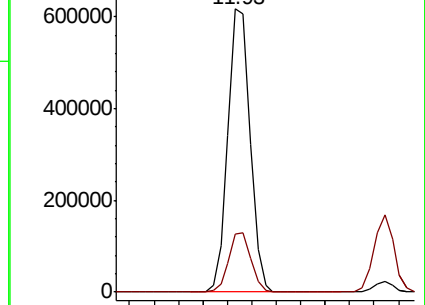
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.268 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

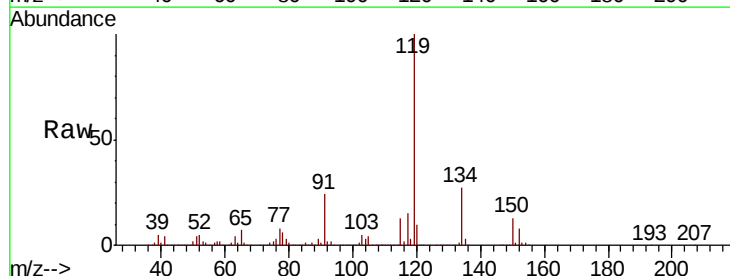
Tgt Ion:119 Resp: 718560

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

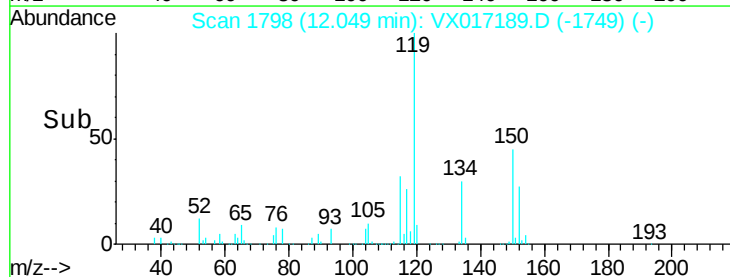
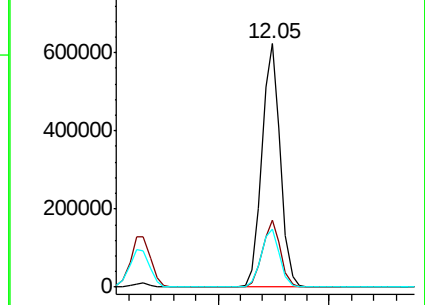
91 24.0 11.8 35.4

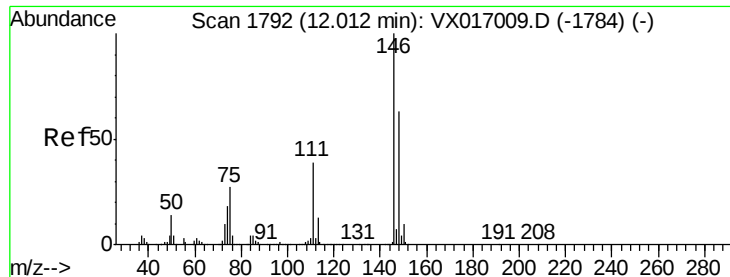


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

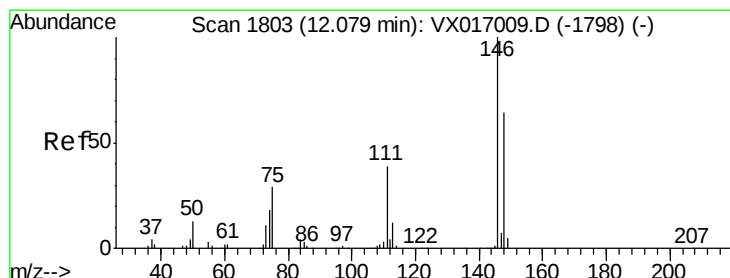
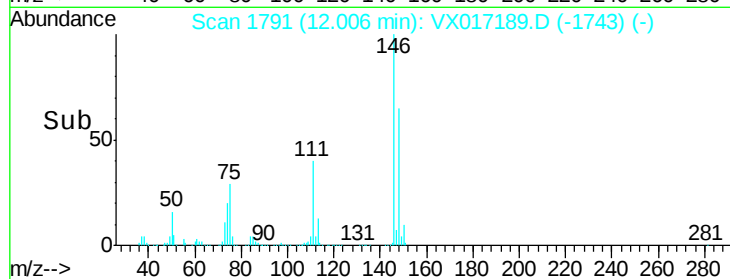
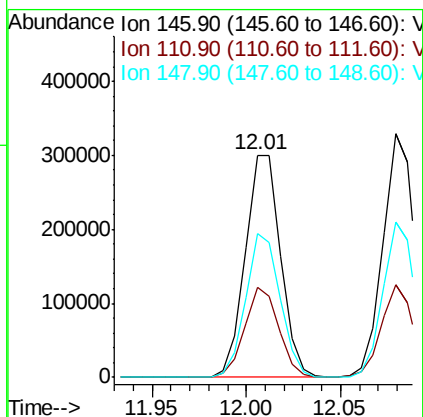
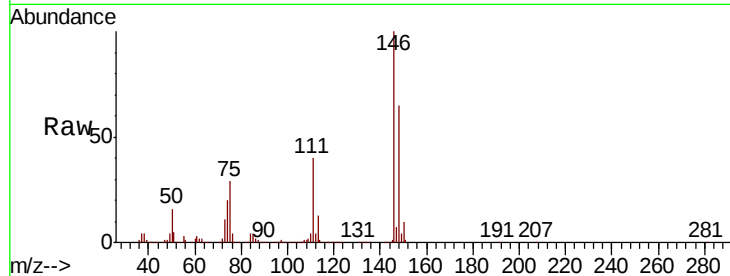




#87
 1,3-Dichlorobenzene
 Concen: 46.920 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

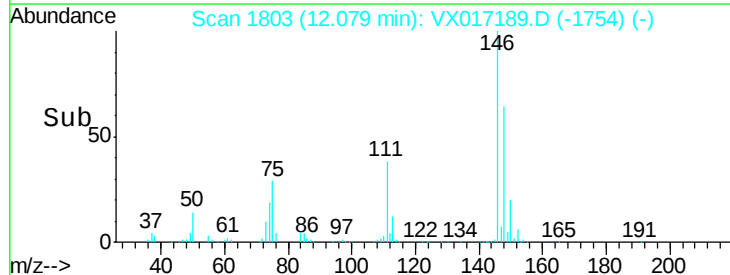
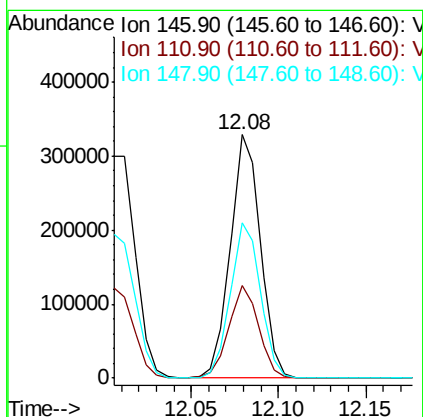
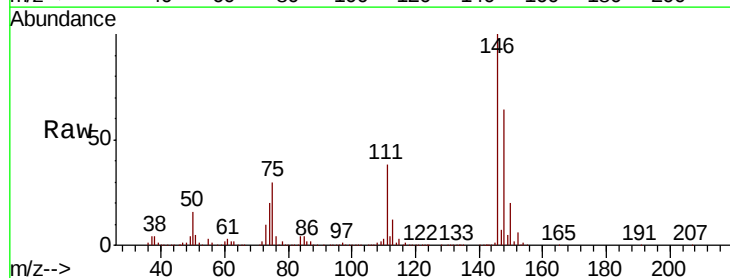
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

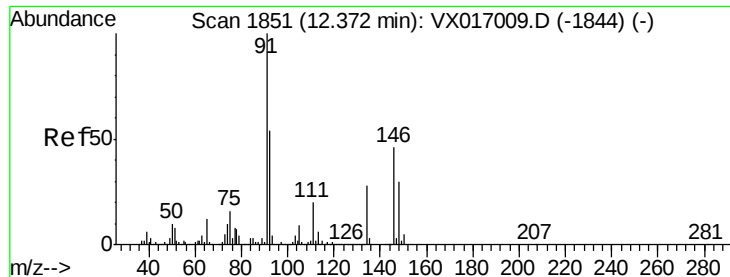
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.4	61.2
148	62.8	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 50.037 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.5	58.5
148	63.9	31.9	95.7

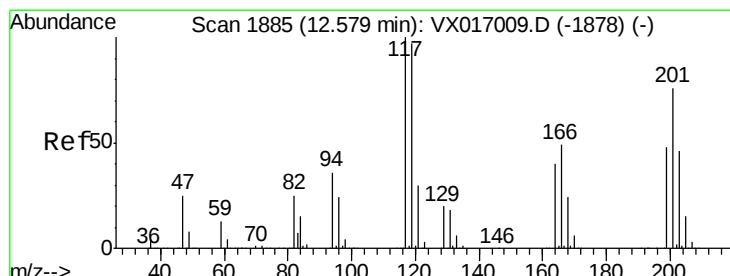
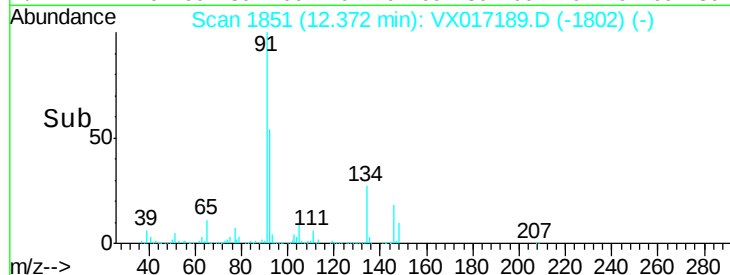
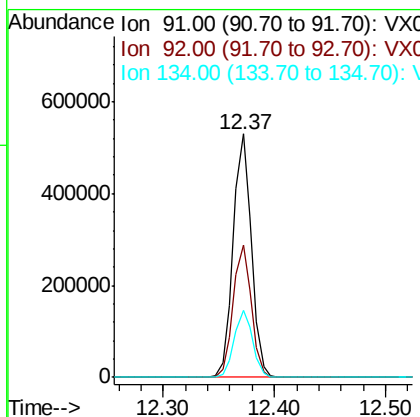
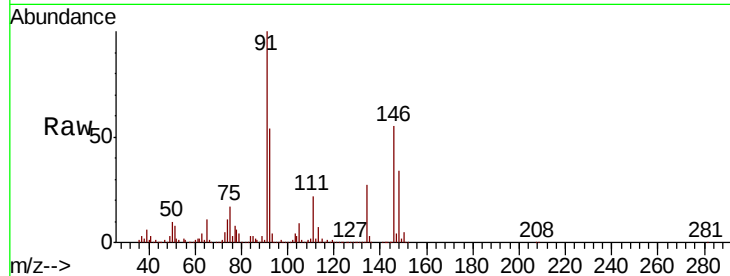




#89
n-Butylbenzene
Concen: 44.866 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

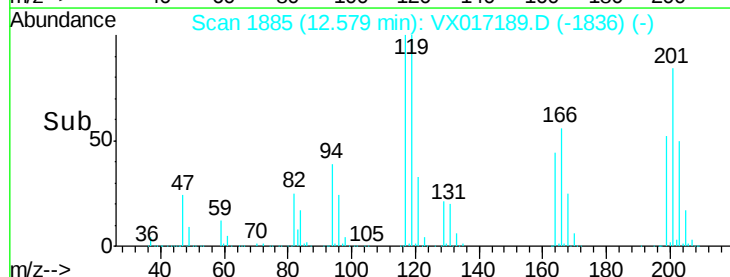
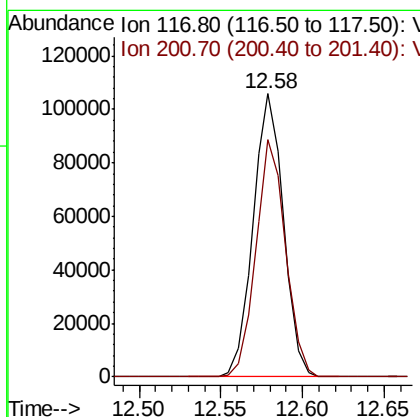
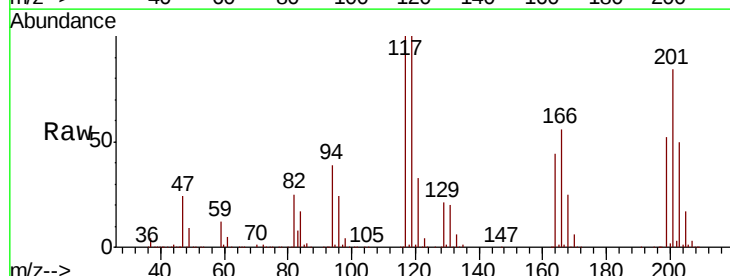
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

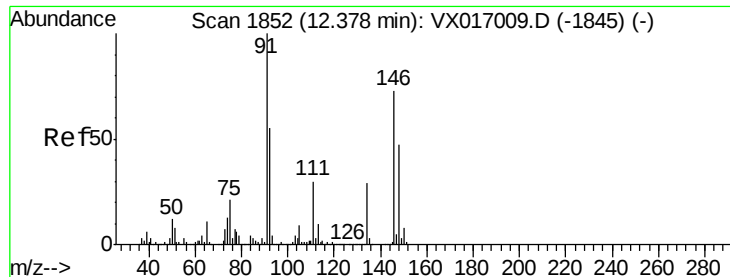
Tot Ion: 91 Resp: 596382
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 27.9 13.6 40.7



#90
Hexachloroethane
Concen: 46.514 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion: 117 Resp: 136553
Ion Ratio Lower Upper
117 100
201 81.8 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 47.631 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

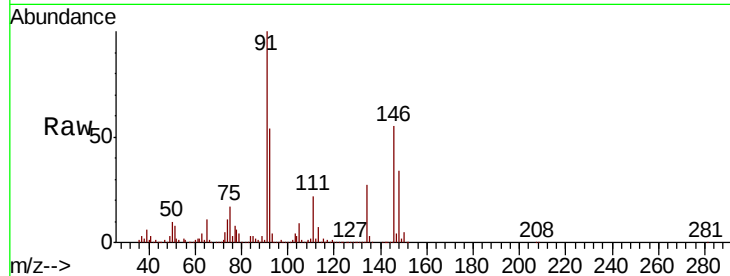
Tot Ion:146 Resp: 371315

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.9

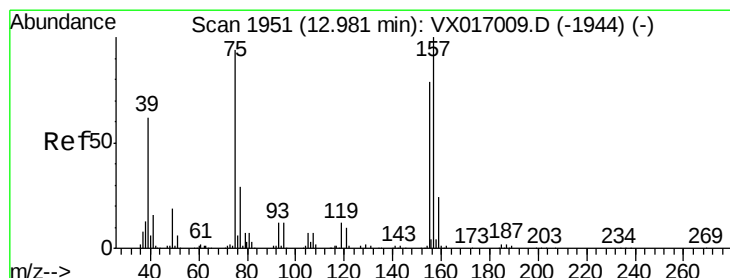
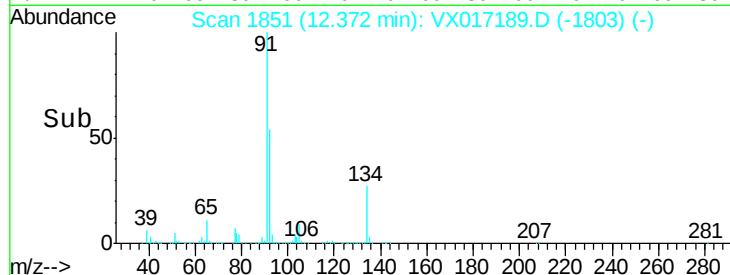
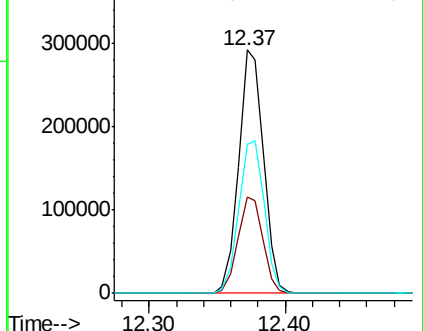
148 64.4 32.4 97.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.111 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017189.D

Acq: 06 Jul 2020 23:14

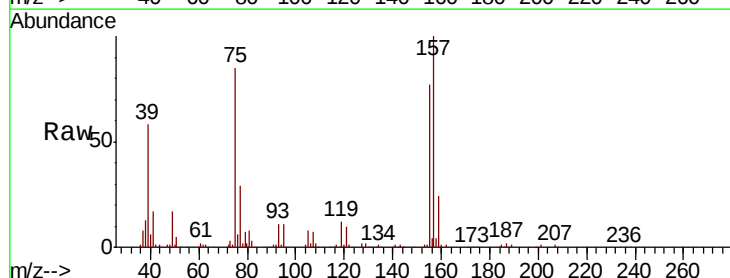
Tgt Ion: 75 Resp: 56558

Ion Ratio Lower Upper

75 100

155 92.6 45.1 135.2

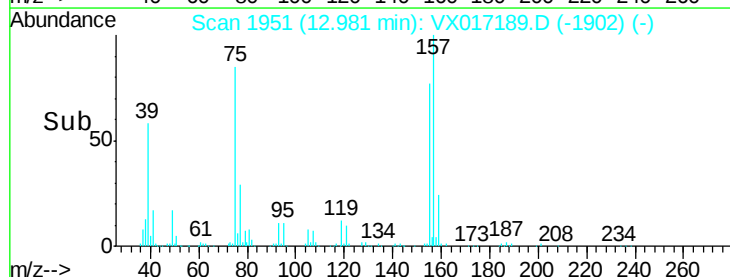
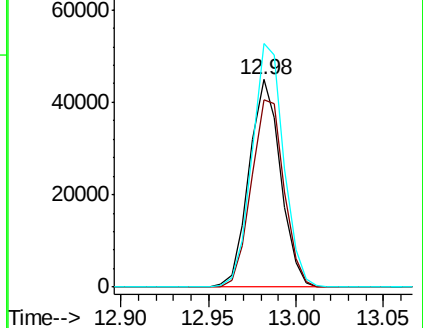
157 117.0 56.5 169.3

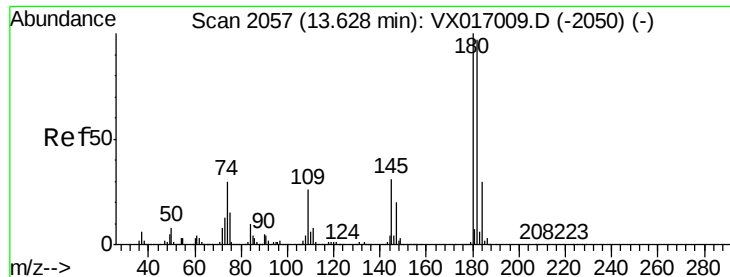


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

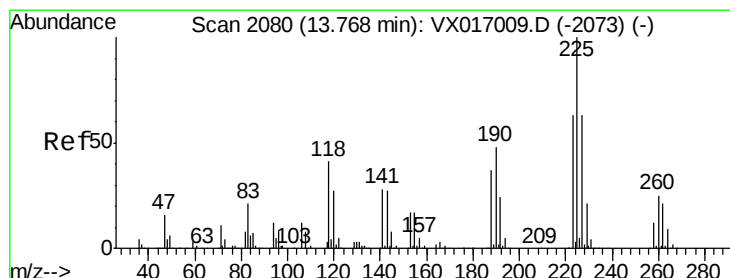
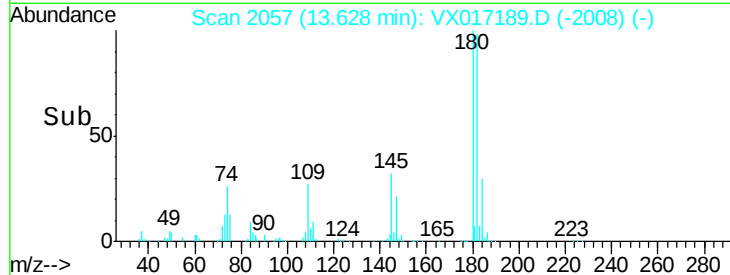
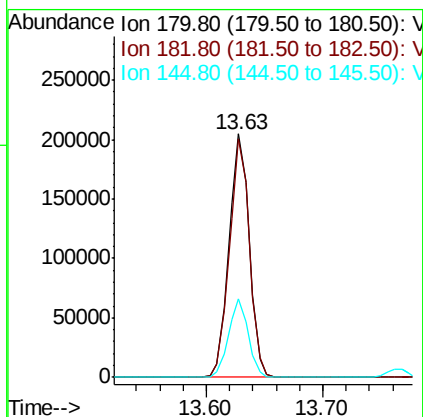
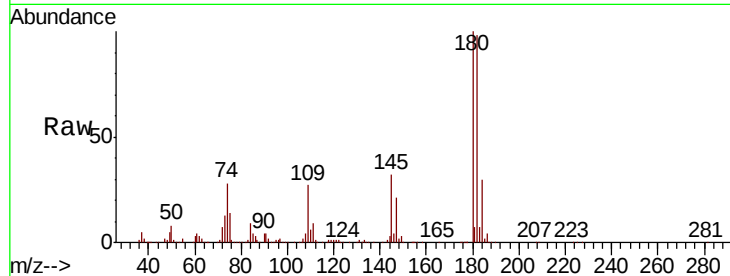




#93
 1,2,4-Trichlorobenzene
 Concen: 46.490 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

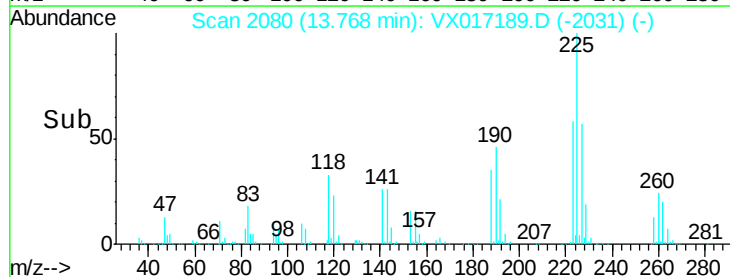
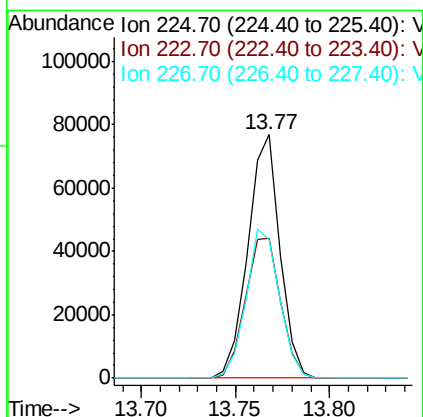
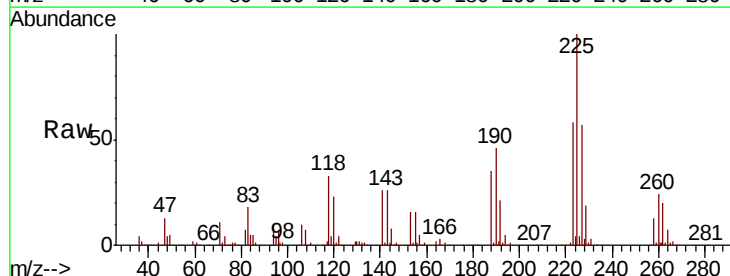
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

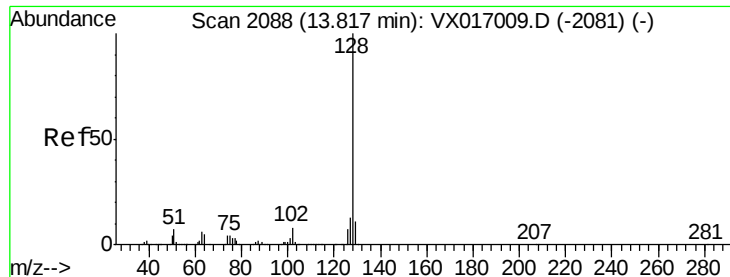
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	141.9
145	31.1	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 44.828 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017189.D
 Acq: 06 Jul 2020 23:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.5	97.5
227	63.8	33.1	99.2

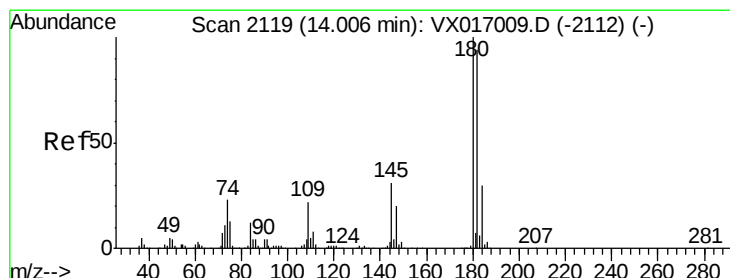
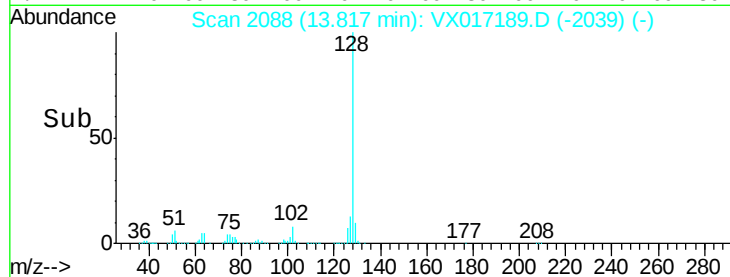
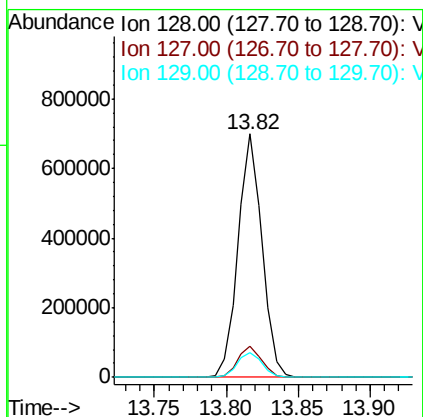
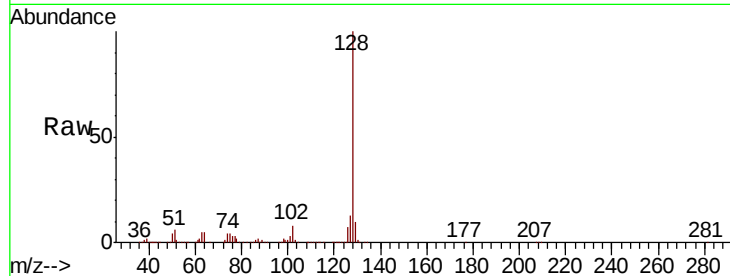




#95
Naphthalene
Concen: 50.116 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 810695
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.047 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017189.D
Acq: 06 Jul 2020 23:14

Tgt Ion:180 Resp: 252559
Ion Ratio Lower Upper
180 100
182 93.3 47.1 141.4
145 31.6 16.6 49.7

