

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016555.D
 Acq On : 02 Jun 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 03 04:08:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	491635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190300	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.47	113	153431	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.70	98	601964	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	230431	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	154141	49.783	ug/l	97
3) Chloromethane	1.31	50	187702	50.165	ug/l	100
4) Vinyl Chloride	1.39	62	197443	49.898	ug/l	100
5) Bromomethane	1.62	94	90988	47.292	ug/l	100
6) Chloroethane	1.71	64	119564	51.800	ug/l	98
7) Trichlorofluoromethane	1.92	101	256127	49.287	ug/l	98
8) Diethyl Ether	2.17	74	108246	49.955	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	147872	51.703	ug/l	100
10) Methyl Iodide	2.49	142	147366	43.547	ug/l	97
11) Tert butyl alcohol	3.01	59	236864	236.407	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155783	51.458	ug/l	99
13) Acrolein	2.27	56	124273	291.577	ug/l	99
14) Allyl chloride	2.71	41	285090	51.206	ug/l	99
15) Acrylonitrile	3.12	53	531502	258.966	ug/l	98
16) Acetone	2.42	43	446286	260.705	ug/l	100
17) Carbon Disulfide	2.55	76	432394	48.096	ug/l	100
18) Methyl Acetate	2.75	43	233596	53.204	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	556585	51.200	ug/l	100
20) Methylene Chloride	2.83	84	175729	49.617	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	167846	50.124	ug/l	94
22) Diisopropyl ether	3.82	45	537397	50.246	ug/l	98
23) Vinyl Acetate	3.78	43	2415640	258.035	ug/l	99
24) 1,1-Dichloroethane	3.67	63	306353	50.749	ug/l	100
25) 2-Butanone	4.64	43	740309	255.222	ug/l	98
26) 2,2-Dichloropropane	4.55	77	272007	55.066	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	192713	49.747	ug/l	99
28) Bromochloromethane	4.98	49	138428	49.347	ug/l	98
29) Tetrahydrofuran	5.09	42	480597	256.461	ug/l	99
30) Chloroform	5.18	83	301864	49.628	ug/l	100
31) Cyclohexane	5.55	56	261744	48.197	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	272928	49.563	ug/l	99
36) 1,1-Dichloropropene	5.77	75	231740	49.785	ug/l	99
37) Ethyl Acetate	4.79	43	277179	49.598	ug/l	100
38) Carbon Tetrachloride	5.75	117	237078	48.465	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	258243	51.077	ug/l	99
40) Benzene	6.11	78	701796	50.628	ug/l	99
41) Methacrylonitrile	5.00	41	151333	49.299	ug/l	98
42) 1,2-Dichloroethane	6.17	62	239312	48.545	ug/l	98
43) Isopropyl Acetate	6.41	43	439968	50.472	ug/l	99
44) Trichloroethene	7.19	130	206892	47.041	ug/l	98
45) 1,2-Dichloropropane	7.49	63	180951	51.276	ug/l	99
46) Dibromomethane	7.64	93	118564	50.021	ug/l	100
47) Bromodichloromethane	7.88	83	246514	50.229	ug/l	99
48) Methyl methacrylate	7.74	41	210594	50.457	ug/l	98
49) 1,4-Dioxane	7.71	88	89648	917.805	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1386204	255.389	ug/l	99
52) Toluene	8.76	92	443110	50.692	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	291736	52.276	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	308332	52.198	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	177964	51.205	ug/l	98
56) Ethyl methacrylate	9.16	69	300032	53.006	ug/l	98
57) 1,3-Dichloropropane	9.35	76	301142	50.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	747759	253.095	ug/l	99
59) 2-Hexanone	9.47	43	1081855	256.304	ug/l	99
60) Dibromochloromethane	9.57	129	200244	51.197	ug/l	99
61) 1,2-Dibromoethane	9.65	107	189614	50.947	ug/l	99
64) Tetrachloroethene	9.32	164	223695	44.059	ug/l	98
65) Chlorobenzene	10.12	112	471833	50.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	181035	51.260	ug/l	99
67) Ethyl Benzene	10.24	91	832356	50.531	ug/l	100
68) m/p-Xylenes	10.34	106	631573	103.410	ug/l	98
69) o-Xylene	10.68	106	301618	50.994	ug/l	99
70) Styrene	10.70	104	529335	52.066	ug/l	99
71) Bromoform	10.84	173	156039	52.279	ug/l #	100
73) Isopropylbenzene	11.00	105	799514	50.961	ug/l	100
74) N-amyl acetate	10.88	43	379429	52.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228553	58.128	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	339026	68.119	ug/l	84
77) Bromobenzene	11.24	156	206138	50.096	ug/l	99
78) n-propylbenzene	11.34	91	904525	51.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	545387	50.976	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	675751	51.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	105767	52.275	ug/l	98
82) 4-Chlorotoluene	11.49	91	641682	50.790	ug/l	100
83) tert-Butylbenzene	11.76	119	609357	54.440	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	679391	51.282	ug/l	99
85) sec-Butylbenzene	11.93	105	732238	52.148	ug/l	100
86) p-Isopropyltoluene	12.05	119	696000	52.915	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	363630	51.008	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	365494	50.129	ug/l	99
89) n-Butylbenzene	12.37	91	605131	55.234	ug/l	100
90) Hexachloroethane	12.58	117	122632	53.977	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	352949	51.102	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63379	49.765	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251538	54.837	ug/l	98
94) Hexachlorobutadiene	13.76	225	97814	54.312	ug/l	99
95) Naphthalene	13.82	128	814372	51.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	234654	52.216	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

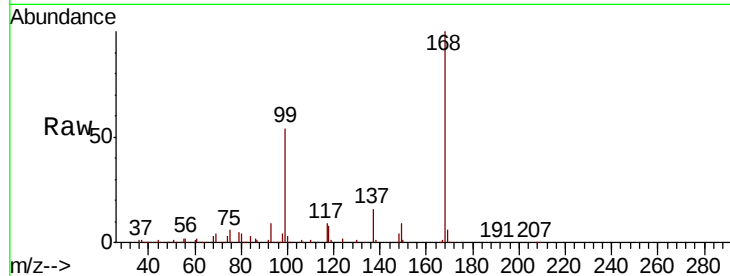
VSTDCCC050EC

Tot Ion:168 Resp: 314624

Ion Ratio Lower Upper

168 100

99 53.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

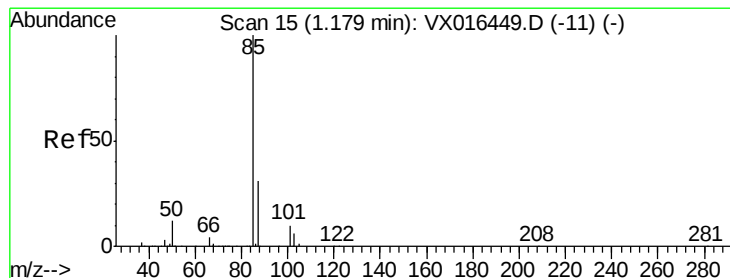
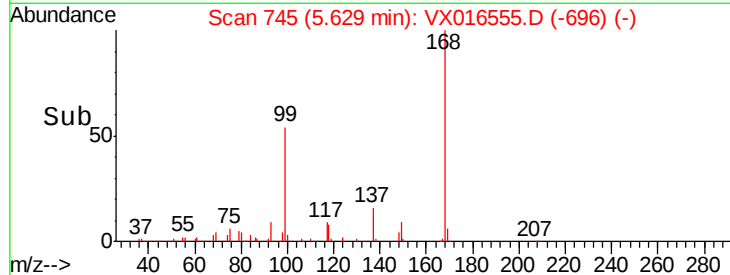
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.783 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016555.D

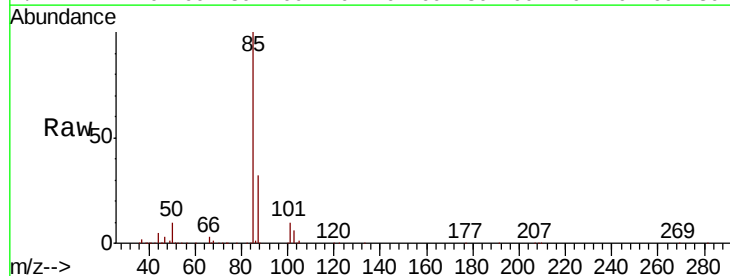
Acq: 02 Jun 2020 16:20

Tgt Ion: 85 Resp: 154141

Ion Ratio Lower Upper

85 100

87 32.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

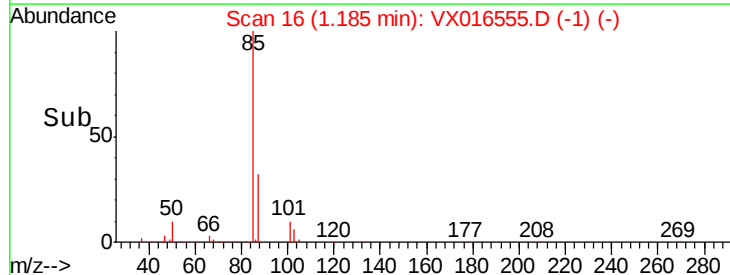
100000

50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.165 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

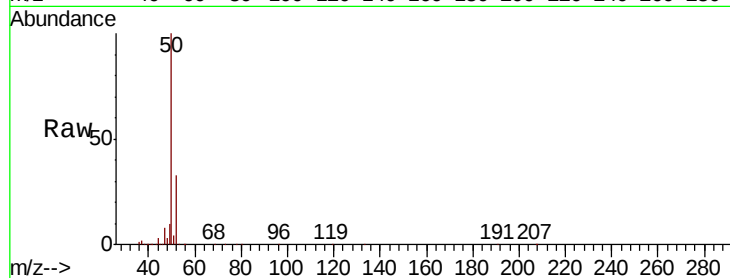
VSTDCCC050EC

Tot Ion: 50 Resp: 187702

Ion Ratio Lower Upper

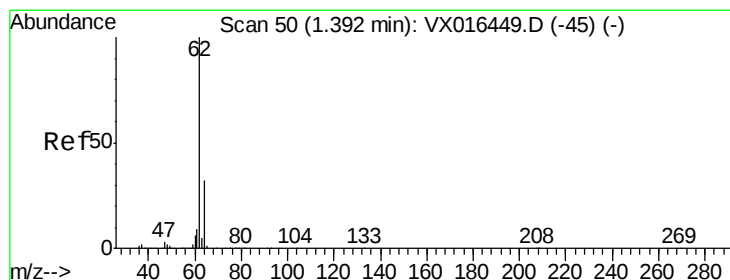
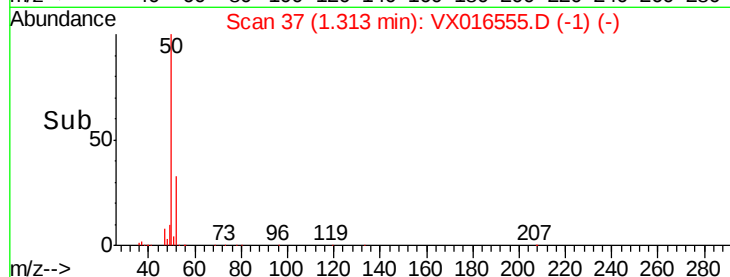
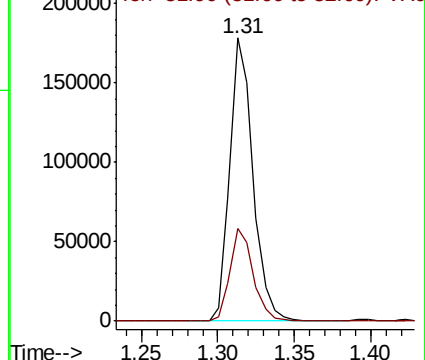
50 100

52 32.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.898 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016555.D

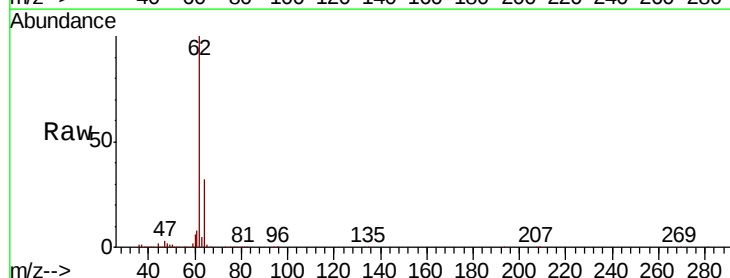
Acq: 02 Jun 2020 16:20

Tgt Ion: 62 Resp: 197443

Ion Ratio Lower Upper

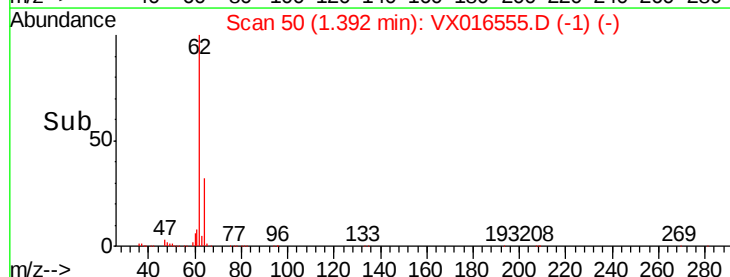
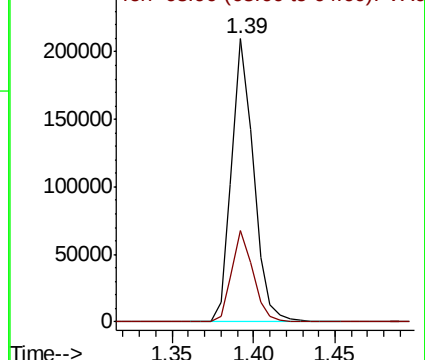
62 100

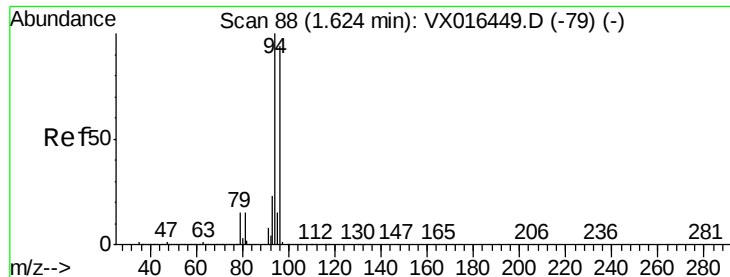
64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.292 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

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ClientSampleId :

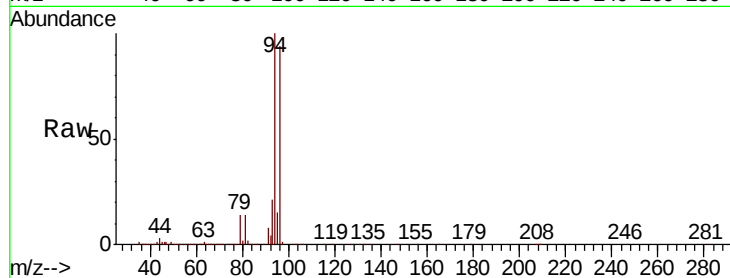
VSTDCCC050EC

Tot Ion: 94 Resp: 90988

Ion Ratio Lower Upper

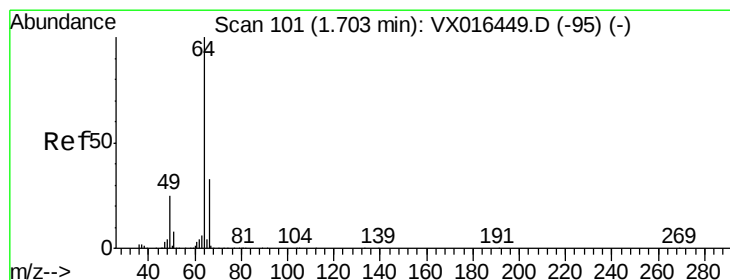
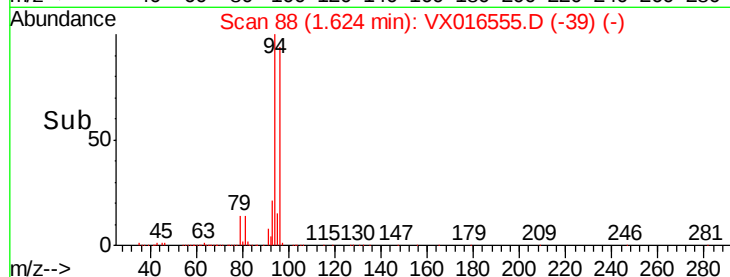
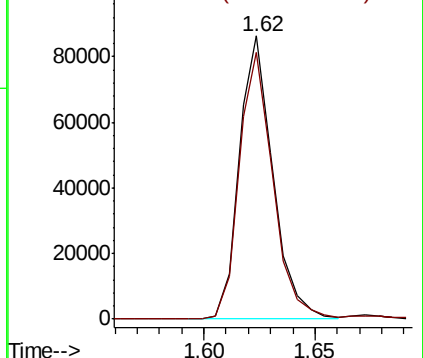
94 100

96 94.0 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.800 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016555.D

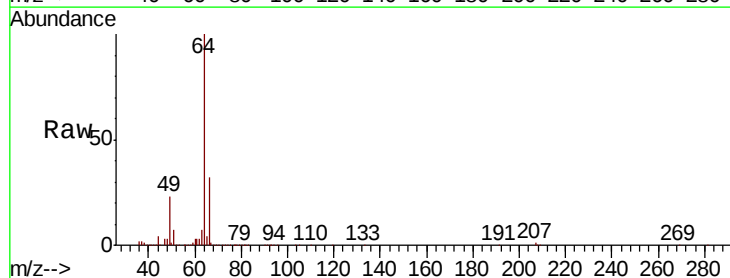
Acq: 02 Jun 2020 16:20

Tgt Ion: 64 Resp: 119564

Ion Ratio Lower Upper

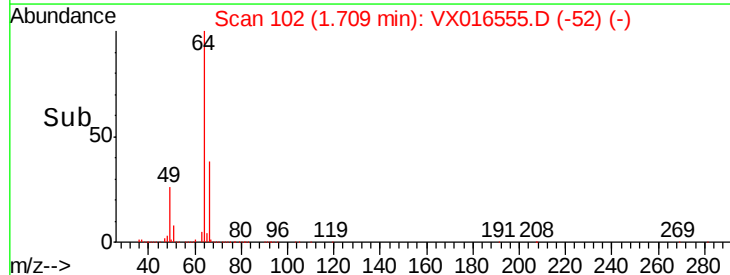
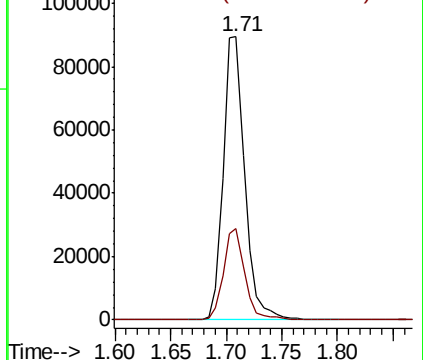
64 100

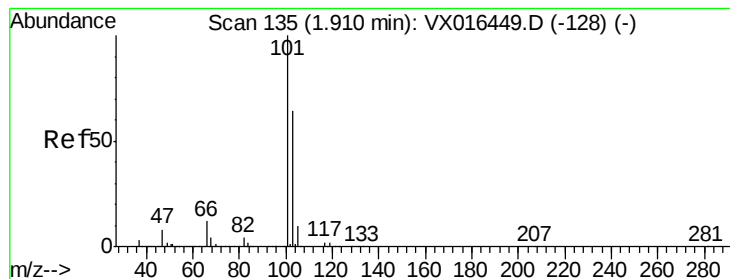
66 32.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



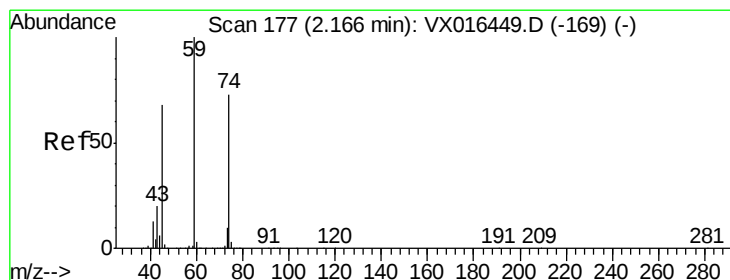
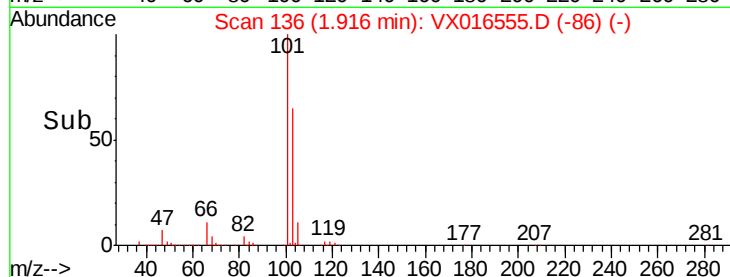
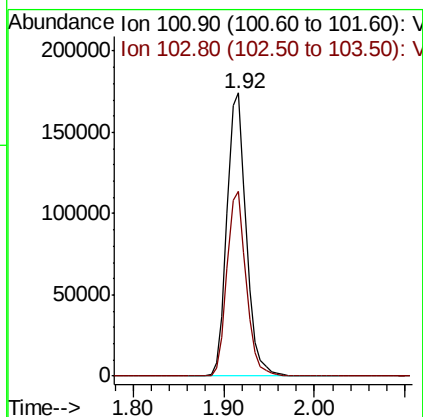
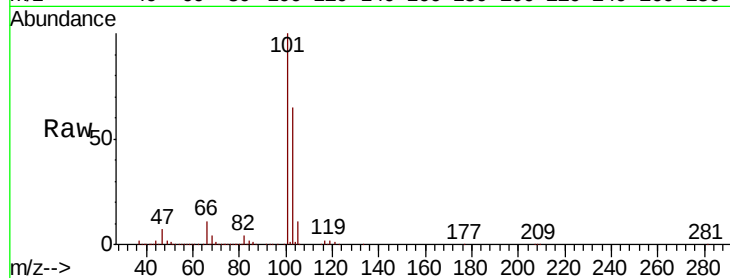


#7

Trichlorofluoromethane
 Concen: 49.287 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX016555.D
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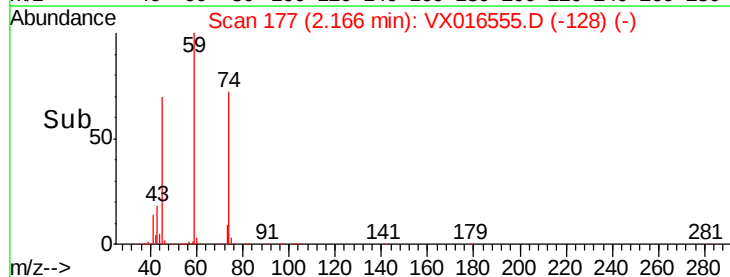
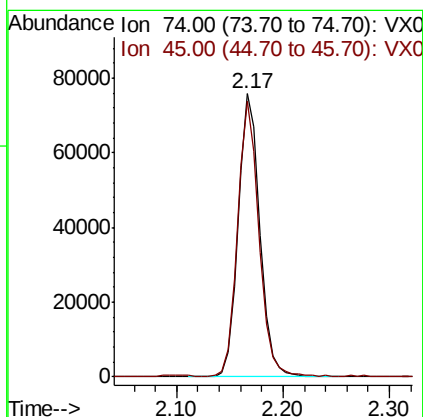
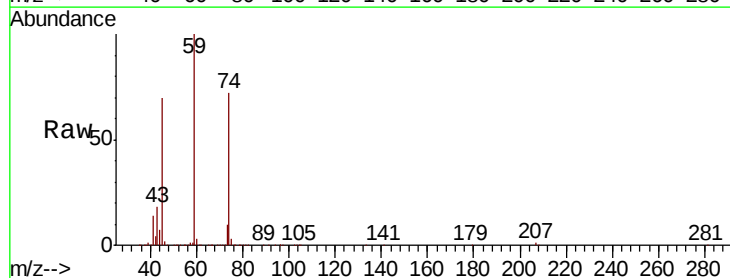
Tot Ion:101 Resp: 256127
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.9 76.3



#8

Diethyl Ether
 Concen: 49.955 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion: 74 Resp: 108246
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.703 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

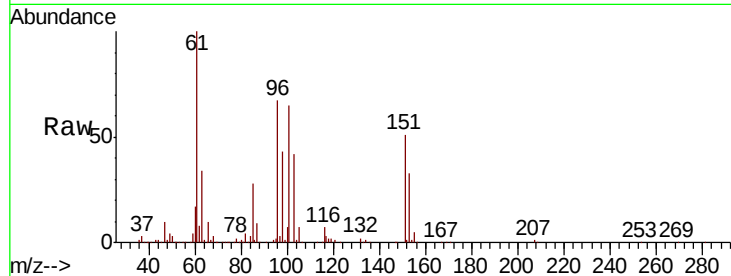
Tot Ion:101 Resp: 147872

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

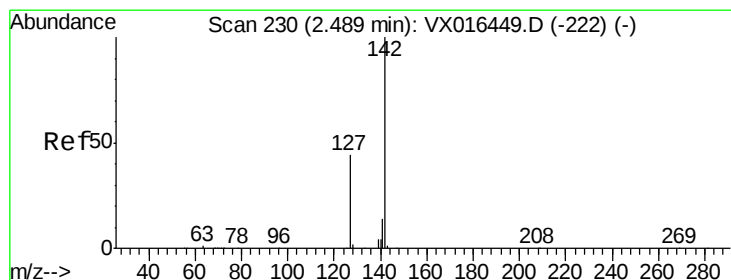
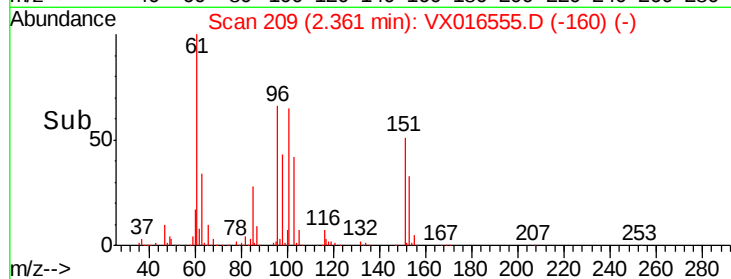
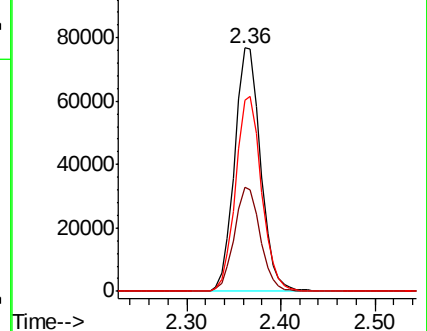
151 80.1 63.8 95.6



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: 43.547 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

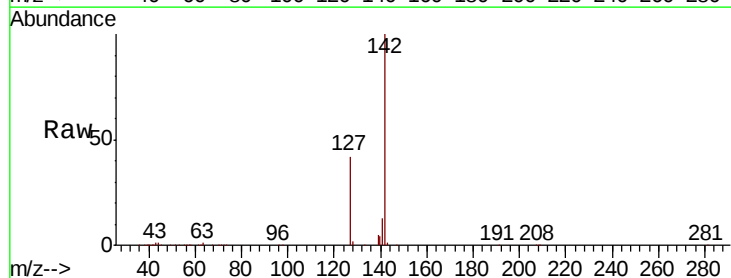
Tgt Ion:142 Resp: 147366

Ion Ratio Lower Upper

142 100

127 41.9 35.3 52.9

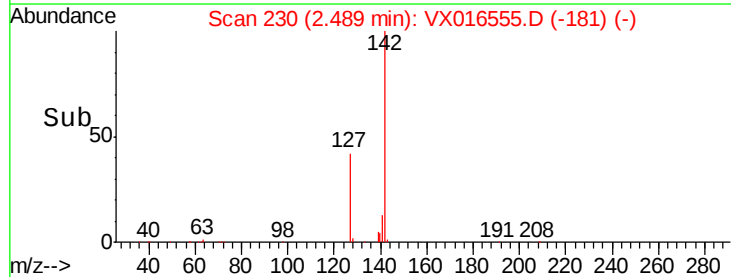
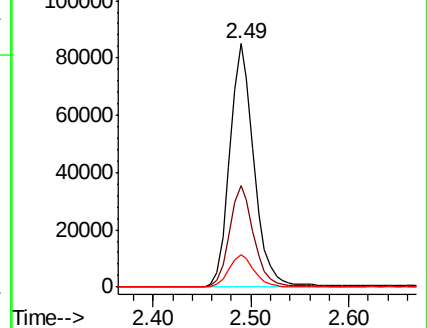
141 13.9 11.4 17.2

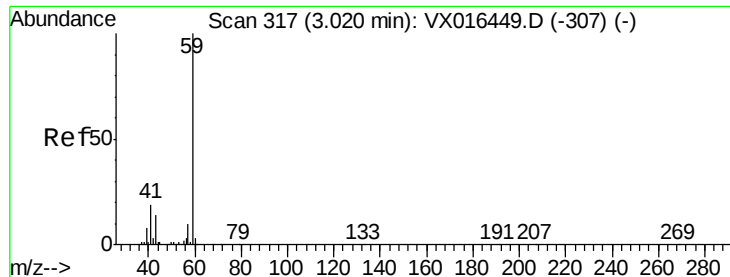


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



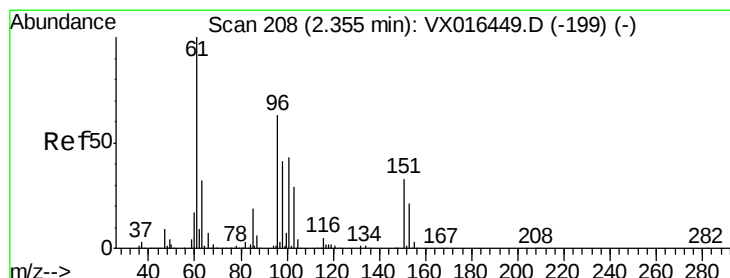
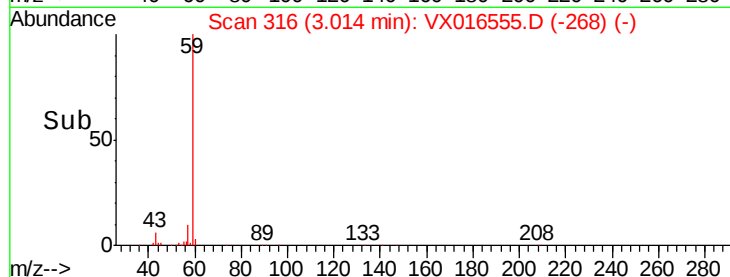
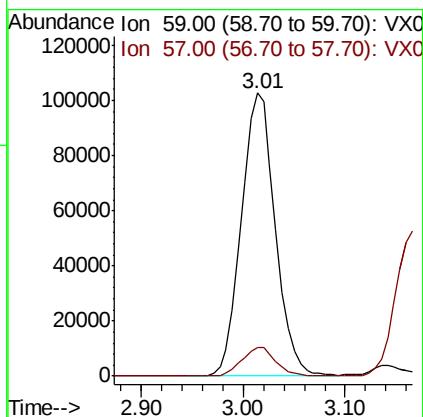
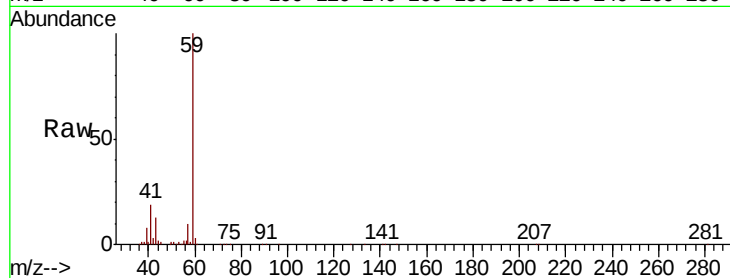


#11

Tert butyl alcohol
 Concen: 236.407 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

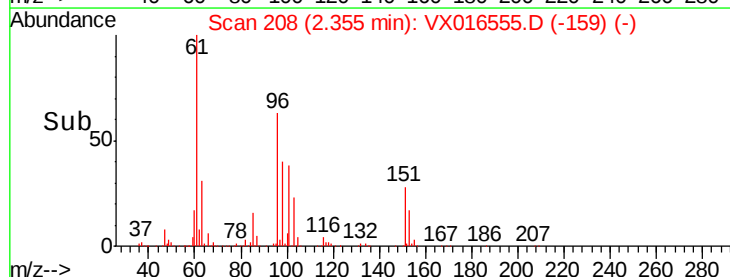
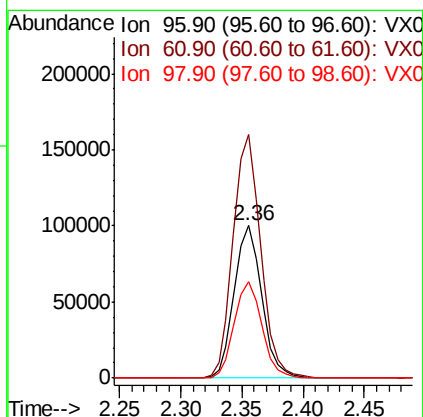
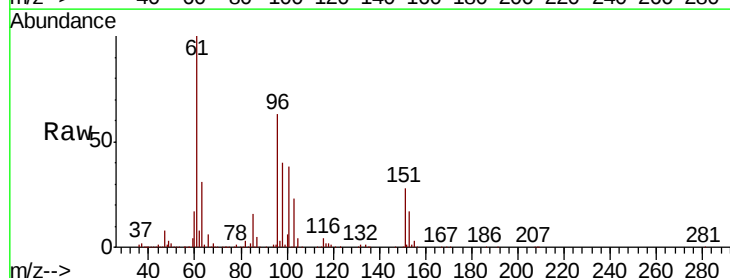
Tot Ion: 59 Resp: 236864
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

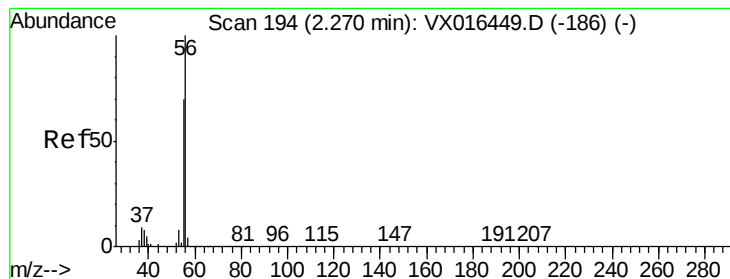


#12

1,1-Dichloroethene
 Concen: 51.458 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion: 96 Resp: 155783
 Ion Ratio Lower Upper
 96 100
 61 159.6 126.6 189.8
 98 63.5 51.3 76.9





#13

Acrolein

Concen: 291.577 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

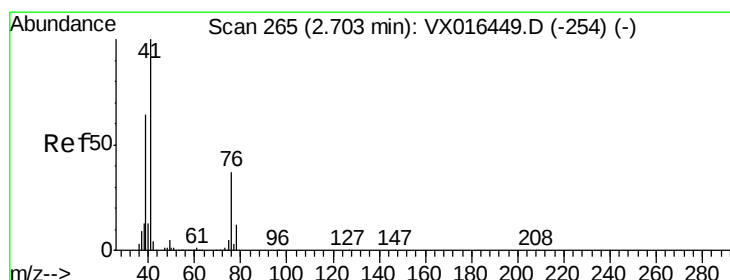
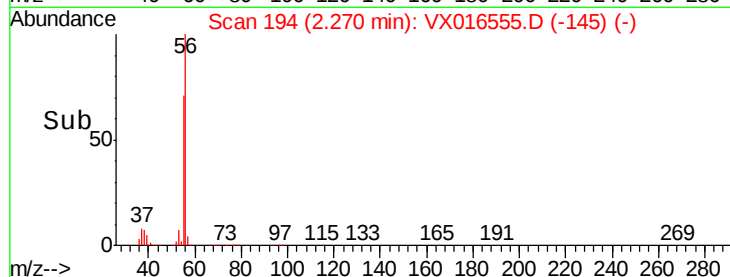
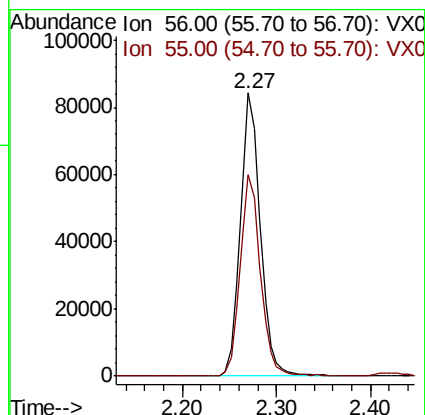
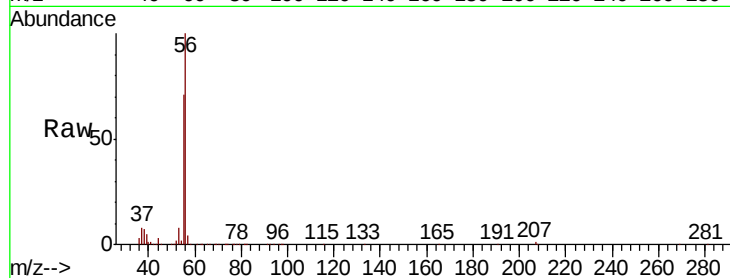
VSTDCCC050EC

Tot Ion: 56 Resp: 124273

Ion Ratio Lower Upper

56 100

55 71.9 58.3 87.5



#14

Allyl chloride

Concen: 51.206 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

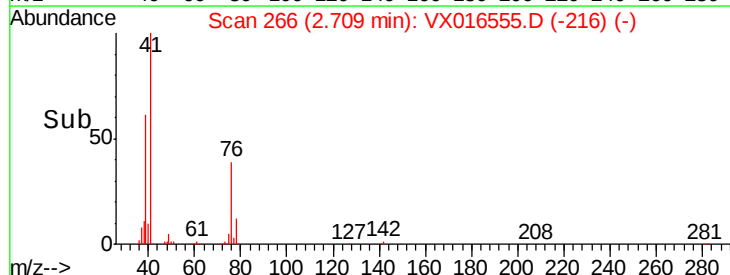
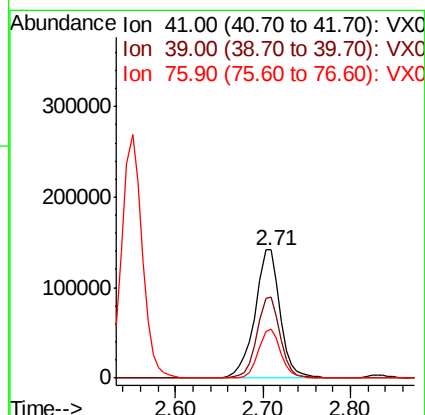
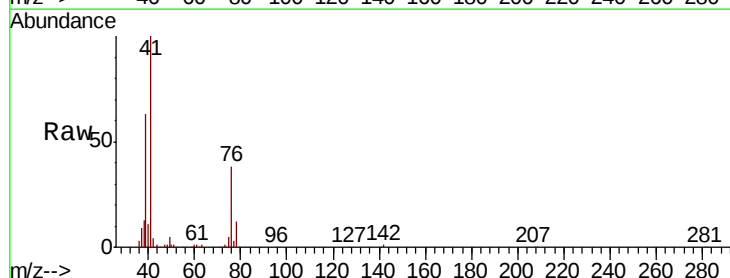
Tgt Ion: 41 Resp: 285090

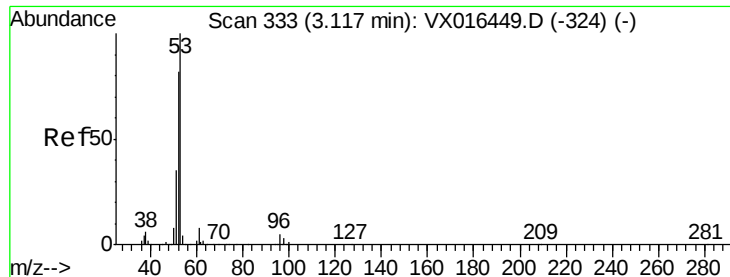
Ion Ratio Lower Upper

41 100

39 58.1 47.7 71.5

76 33.6 26.6 40.0





#15

Acrylonitrile

Concen: 258.966 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

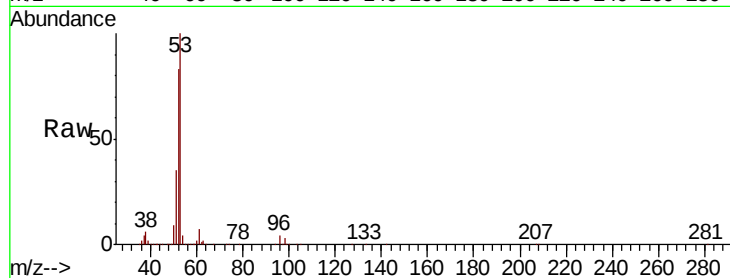
Tot Ion: 53 Resp: 531502

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

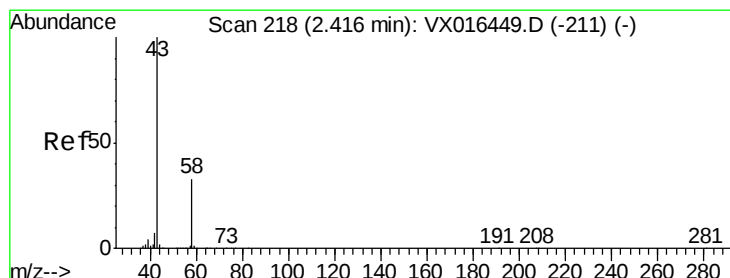
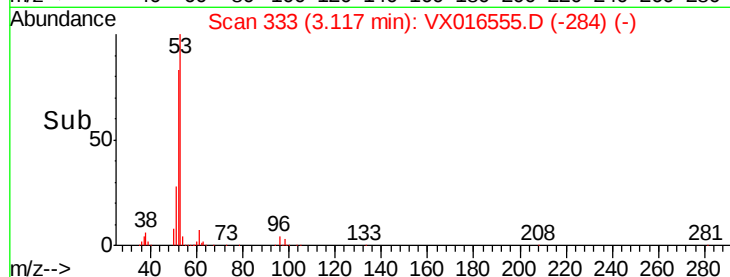
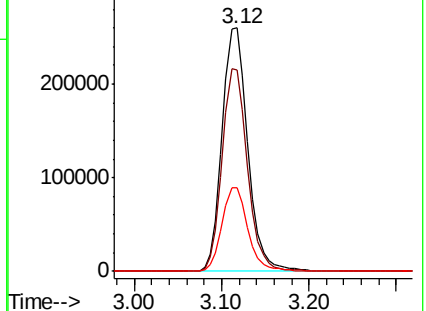
51 34.8 28.6 43.0



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: 260.705 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016555.D

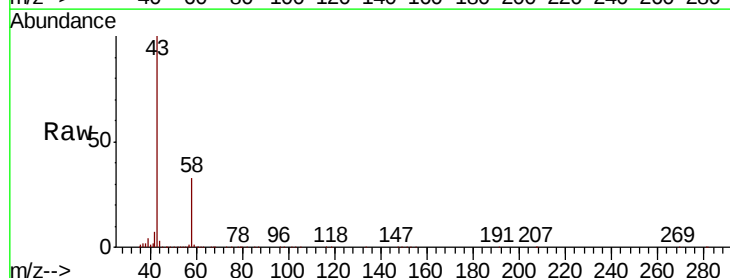
Acq: 02 Jun 2020 16:20

Tgt Ion: 43 Resp: 446286

Ion Ratio Lower Upper

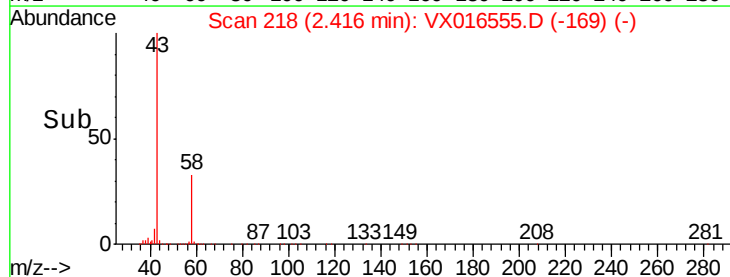
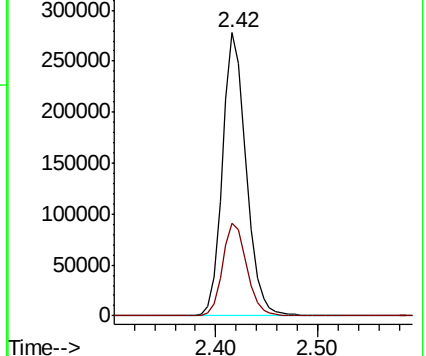
43 100

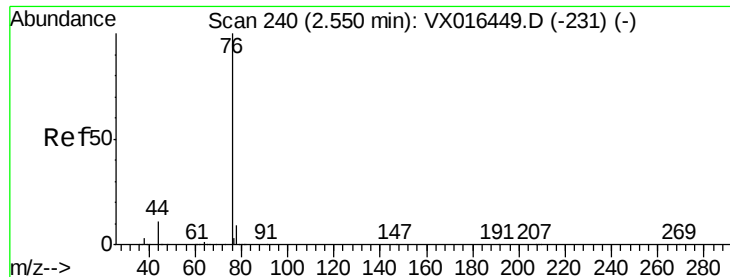
58 32.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

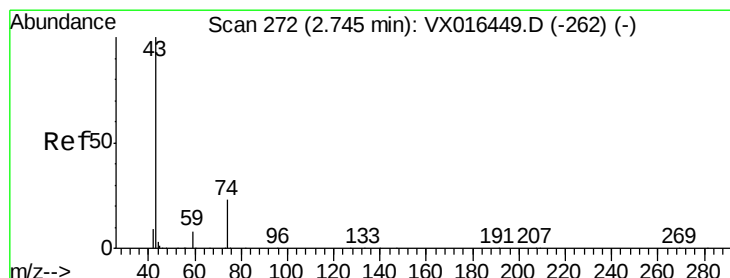
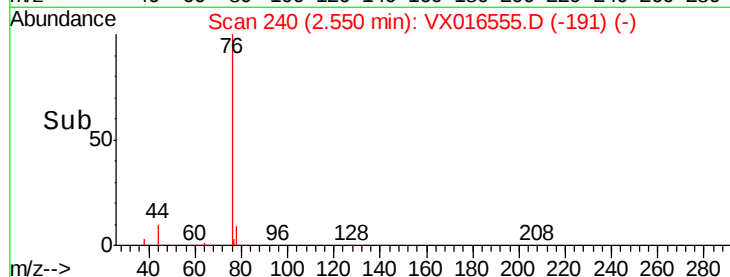
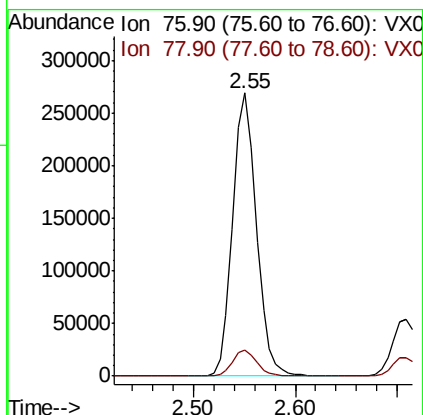
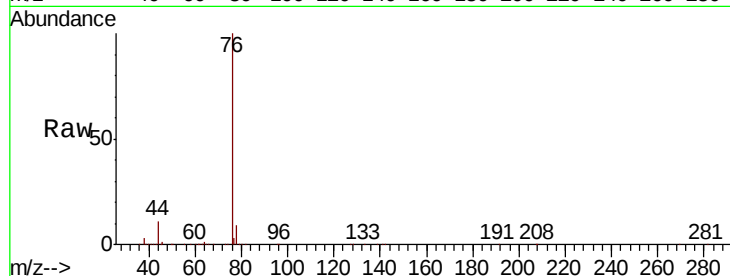




#17
Carbon Disulfide
Concen: 48.096 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

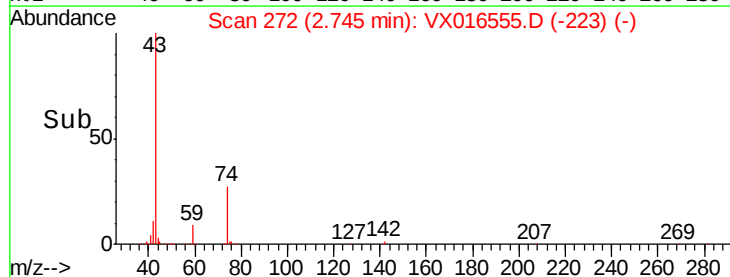
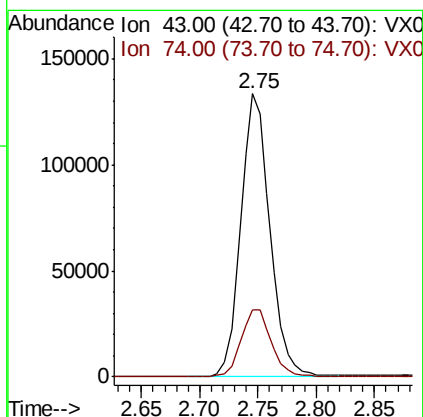
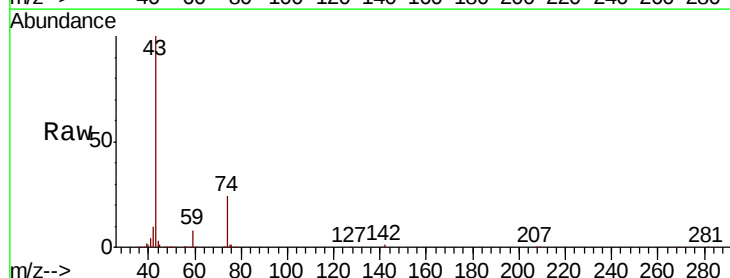
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

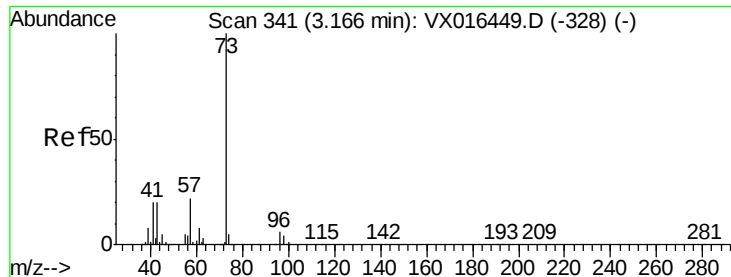
Tot Ion: 76 Resp: 432394
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 53.204 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 43 Resp: 233596
Ion Ratio Lower Upper
43 100
74 25.0 19.7 29.5



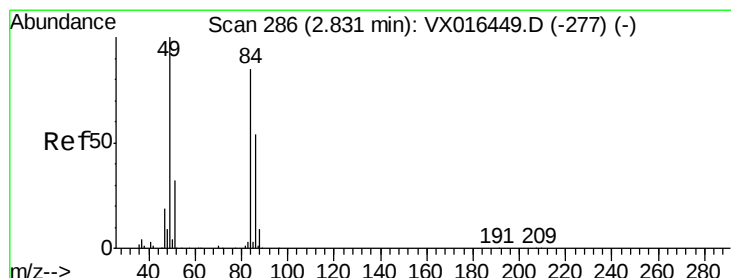
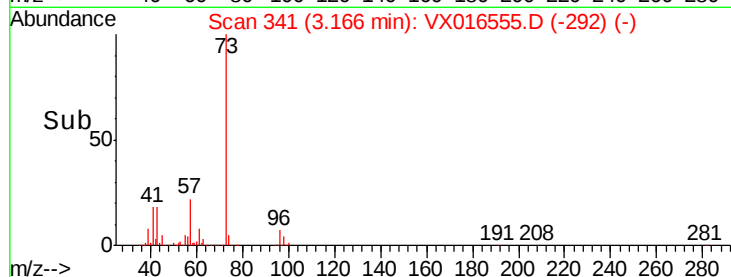
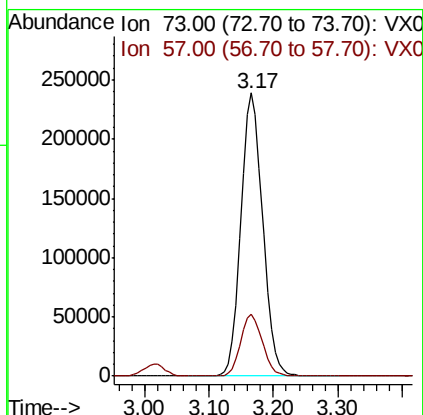
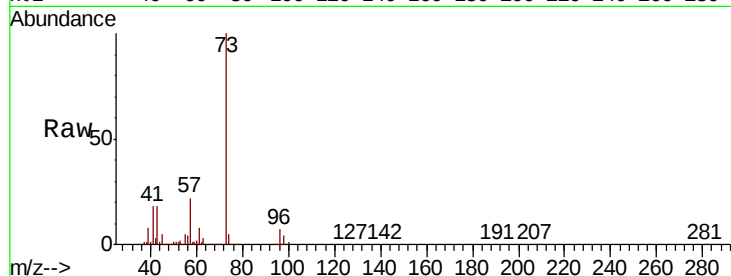


#19

Methyl tert-butyl Ether
 Concen: 51.200 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

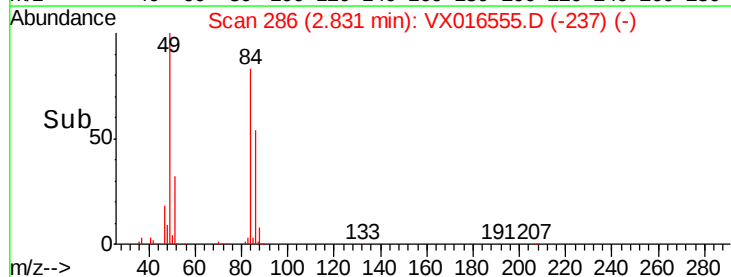
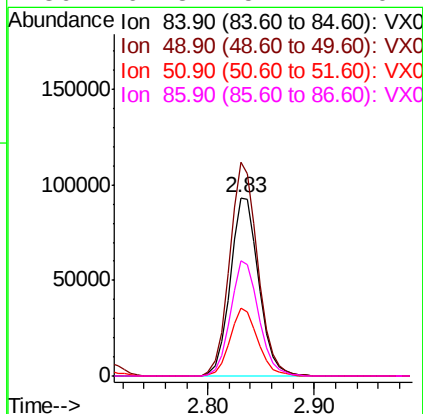
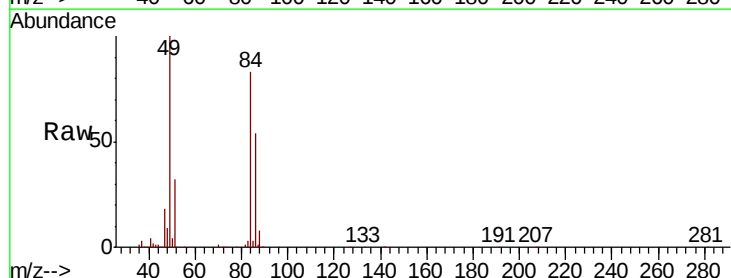
Tot Ion: 73 Resp: 556585
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.8 26.6

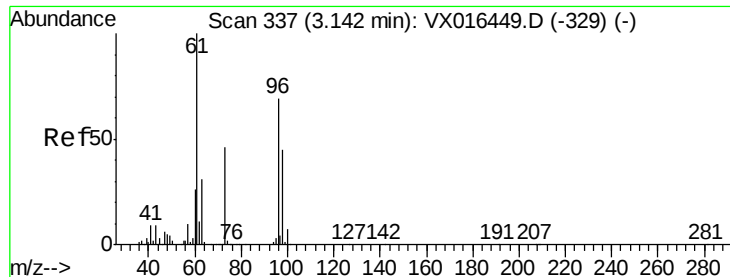


#20

Methylene Chloride
 Concen: 49.617 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion: 84 Resp: 175729
 Ion Ratio Lower Upper
 84 100
 49 119.8 94.5 141.7
 51 38.1 30.2 45.4
 86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

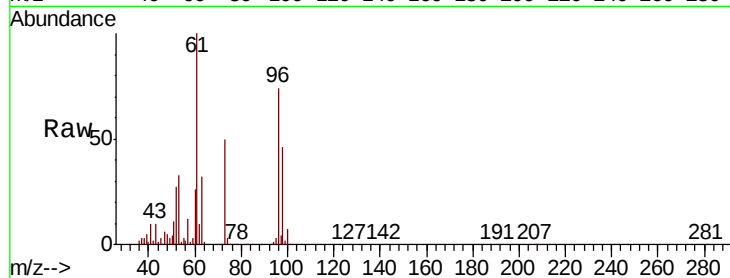
Tot Ion: 96 Resp: 167846

Ion Ratio Lower Upper

96 100

61 134.8 115.3 172.9

98 62.2 51.9 77.9

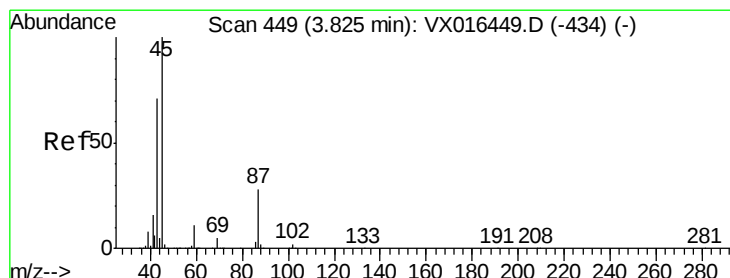
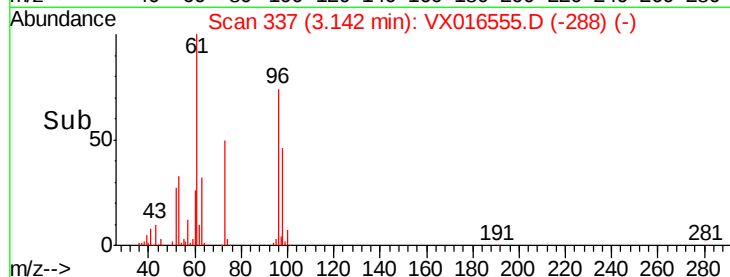
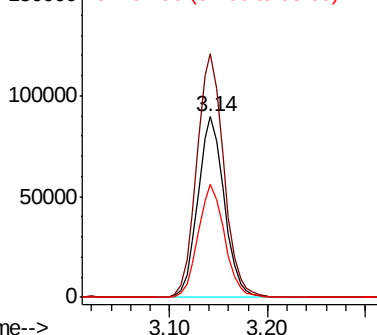


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.246 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion: 45 Resp: 537397

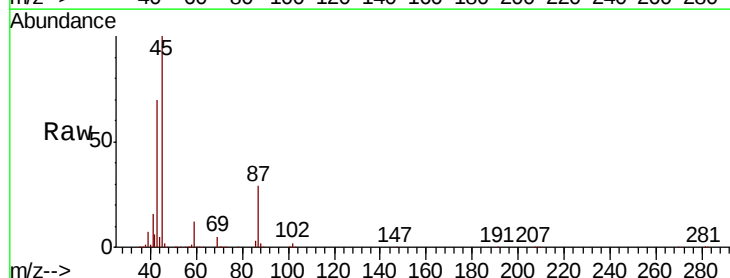
Ion Ratio Lower Upper

45 100

43 69.6 57.0 85.6

87 29.3 22.5 33.7

59 12.1 9.1 13.7



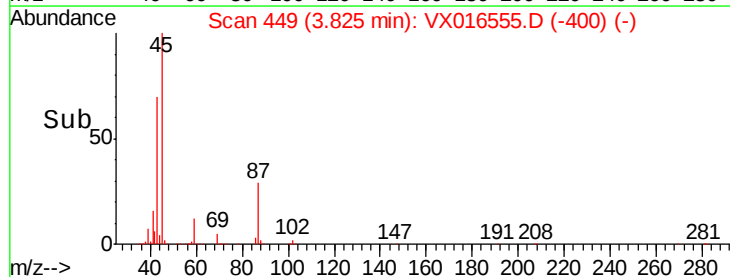
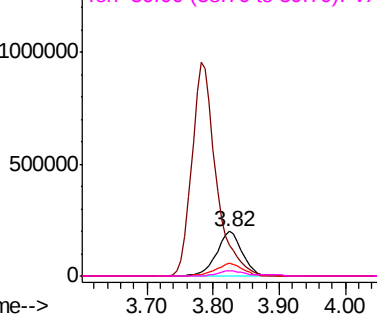
Abundance

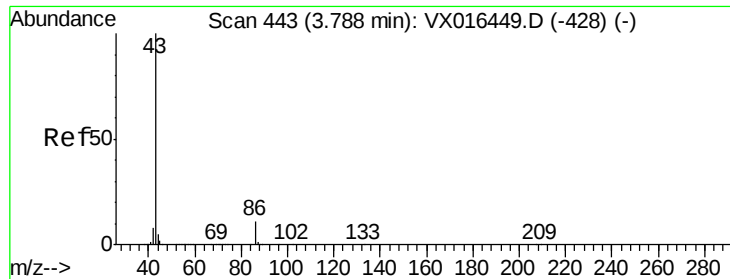
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 258.035 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

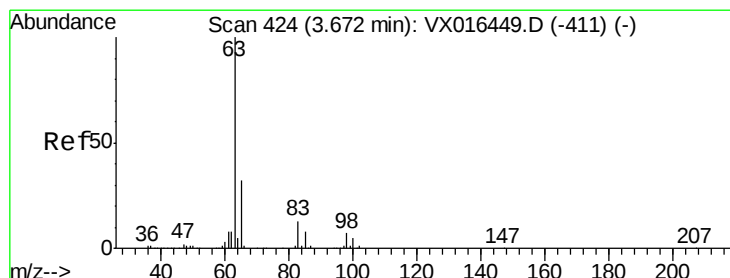
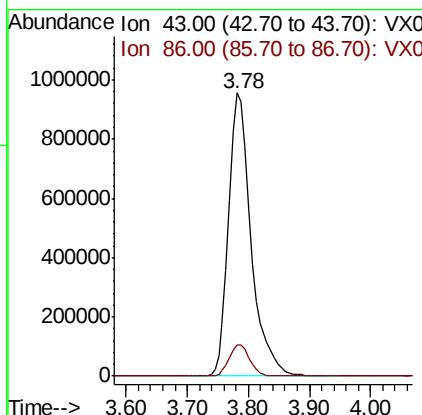
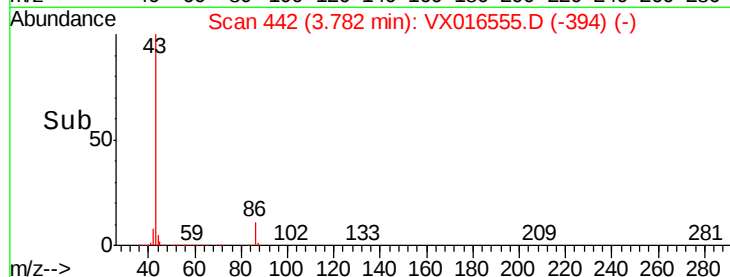
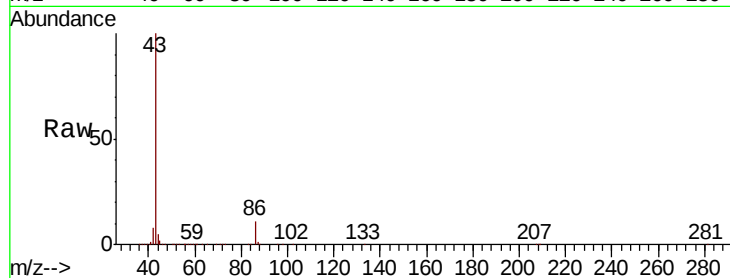
VSTDCCC050EC

Tot Ion: 43 Resp: 2415640

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 50.749 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

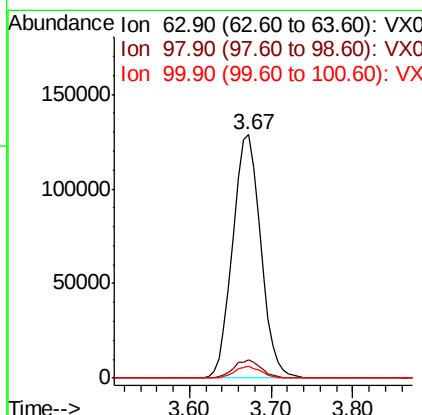
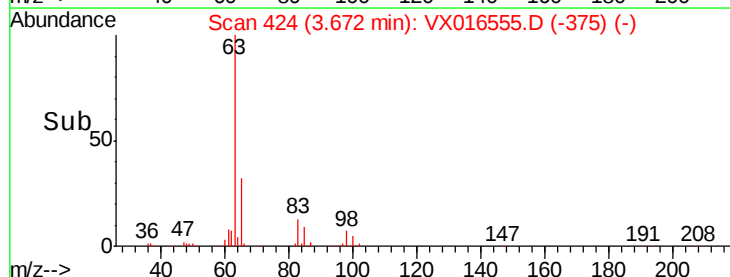
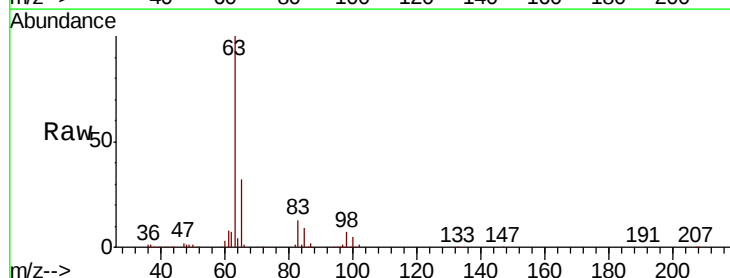
Tgt Ion: 63 Resp: 306353

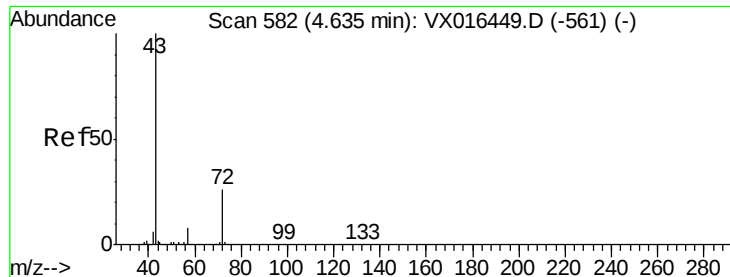
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 255.222 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

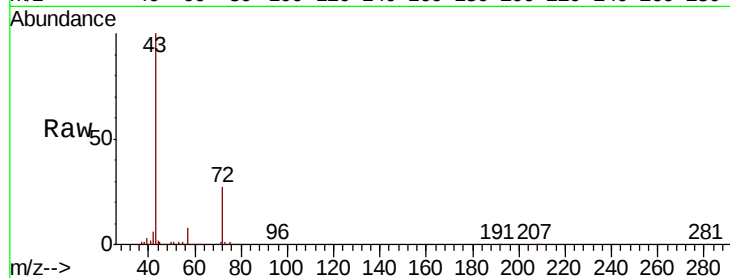
VSTDCCC050EC

Tot Ion: 43 Resp: 740309

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

100000

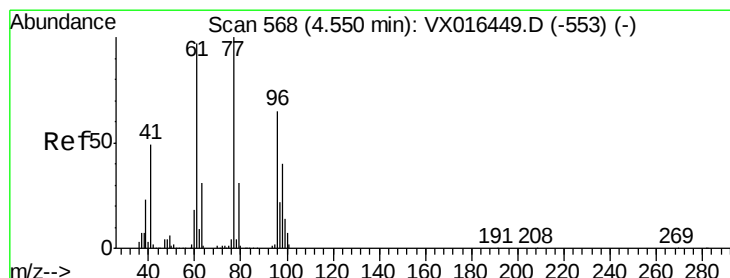
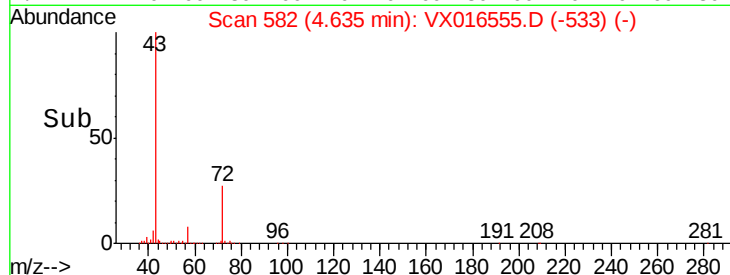
50000

0

4.50 4.60 4.70 4.80

4.64

Time-->



#26

2,2-Dichloropropane

Concen: 55.066 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016555.D

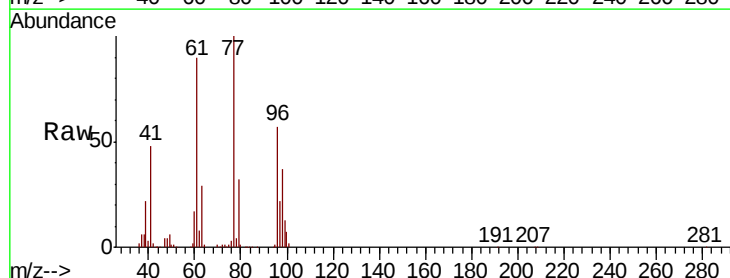
Acq: 02 Jun 2020 16:20

Tgt Ion: 77 Resp: 272007

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

40000

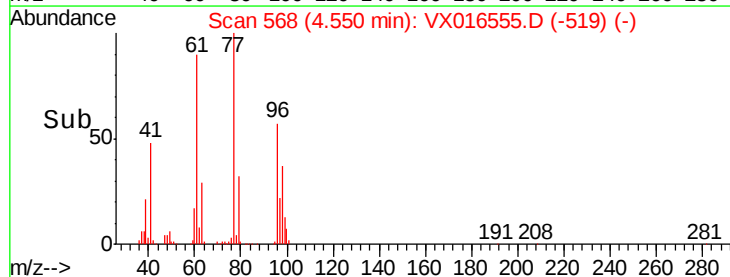
20000

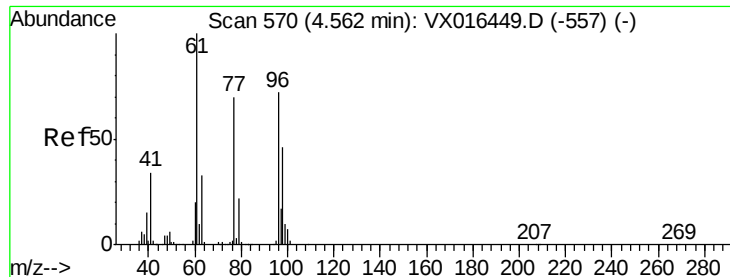
0

4.40 4.50 4.60 4.70 4.80

4.55

Time-->



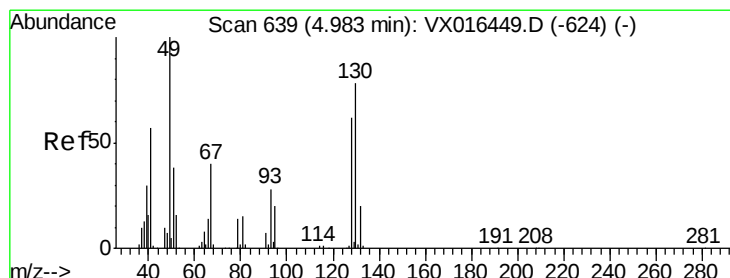
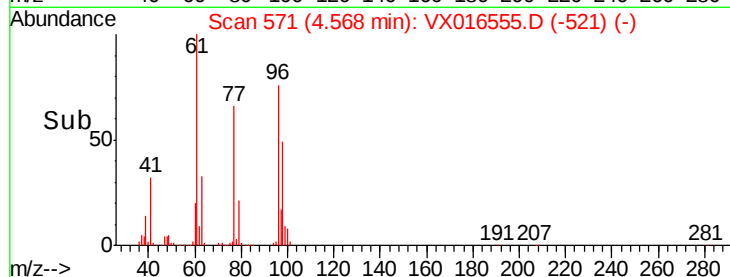
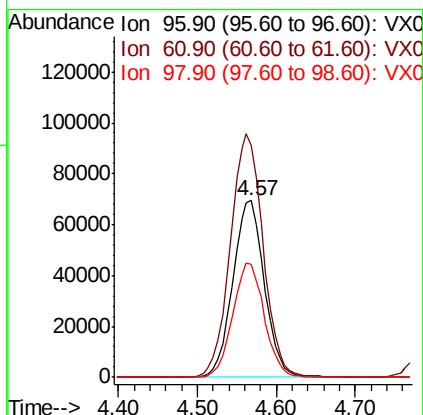
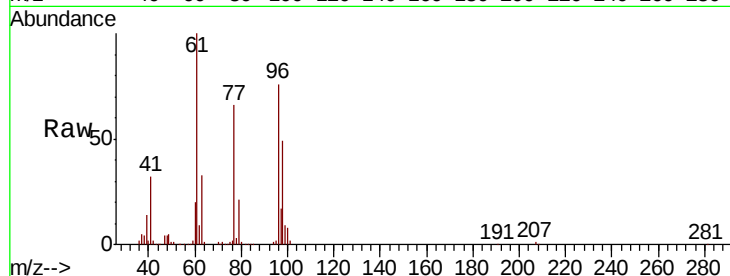


#27

cis-1,2-Dichloroethene
Concen: 49.747 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

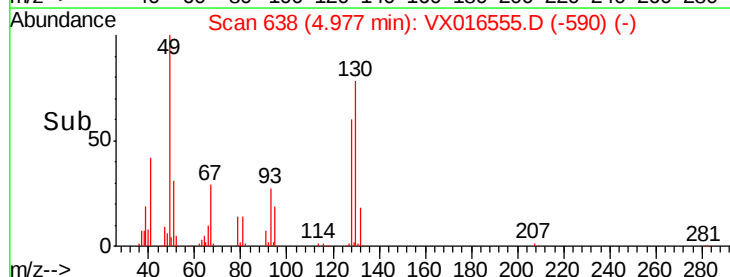
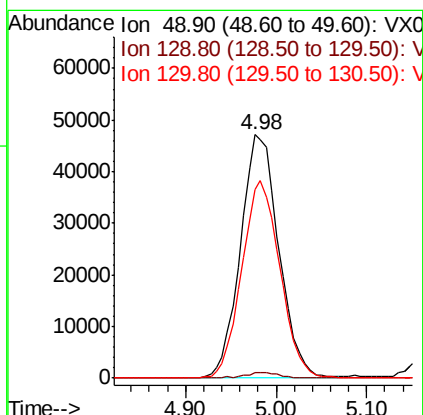
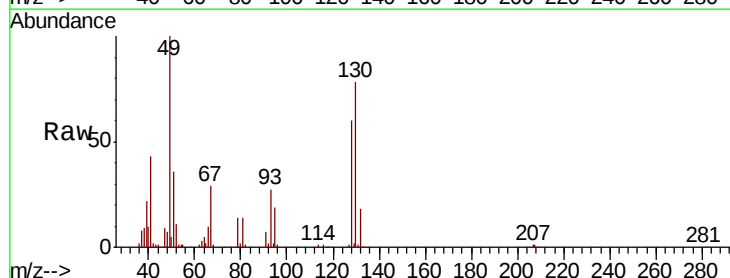
Tot Ion	96	Resp	192713
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	284.6
98	64.6	0.0	127.2

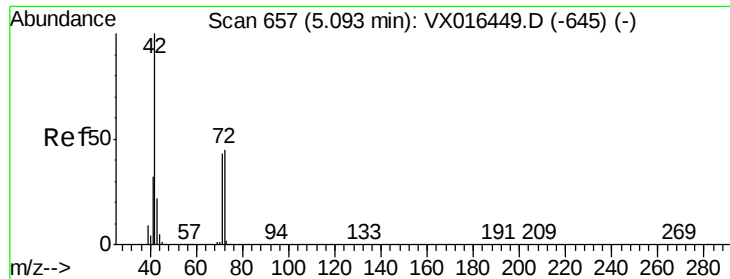


#28

Bromochloromethane
Concen: 49.347 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	49	Resp	138428
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	80.7	63.0	94.4





#29

Tetrahydrofuran

Concen: 256.461 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

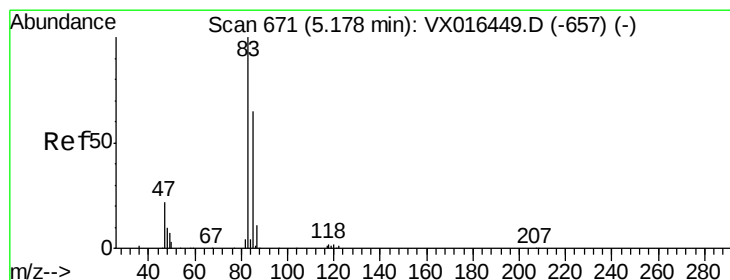
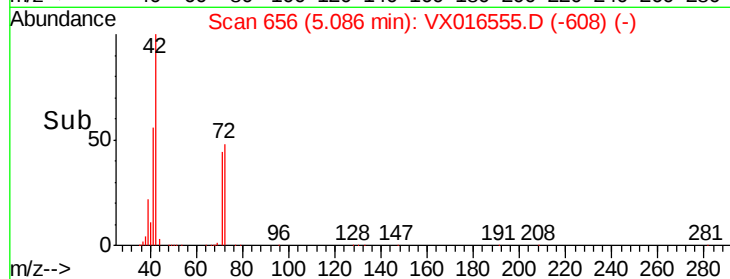
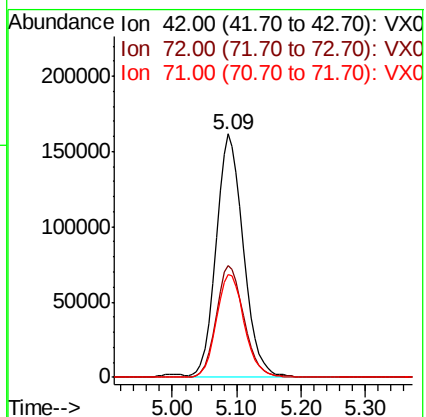
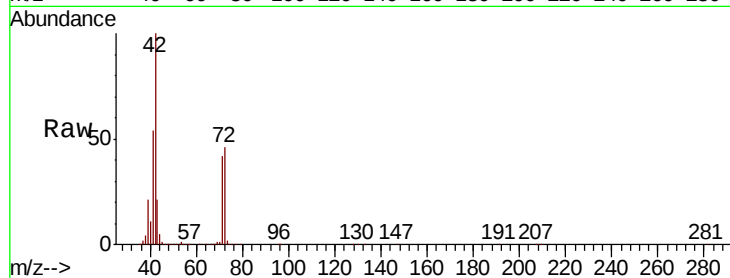
Tot Ion: 42 Resp: 480597

Ion Ratio Lower Upper

42 100

72 46.9 37.0 55.4

71 43.3 34.1 51.1



#30

Chloroform

Concen: 49.628 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016555.D

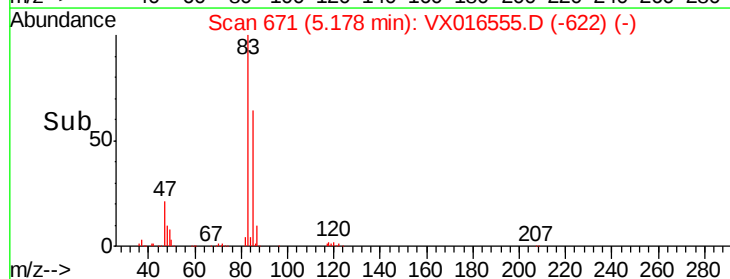
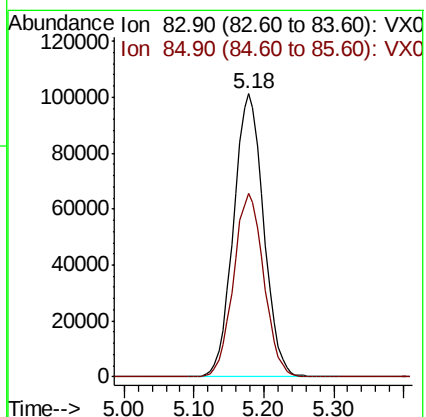
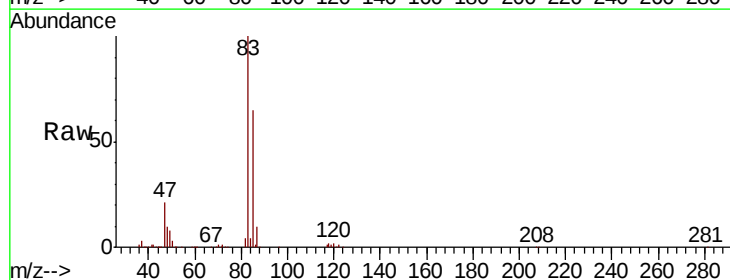
Acq: 02 Jun 2020 16:20

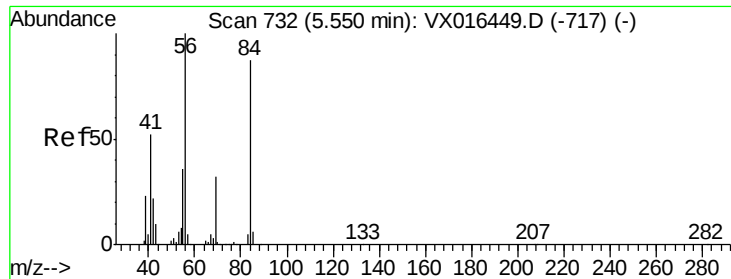
Tgt Ion: 83 Resp: 301864

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0

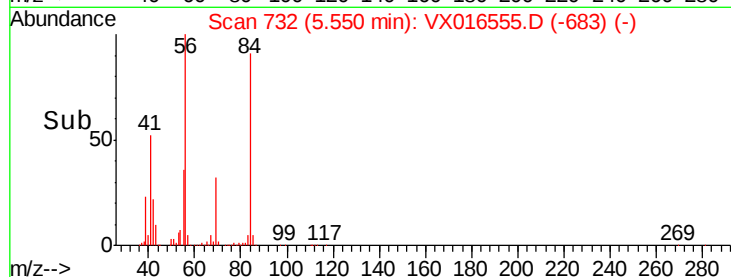
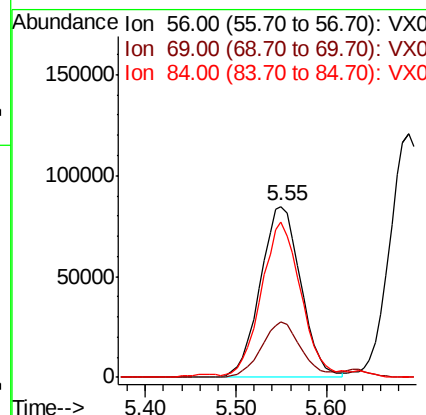
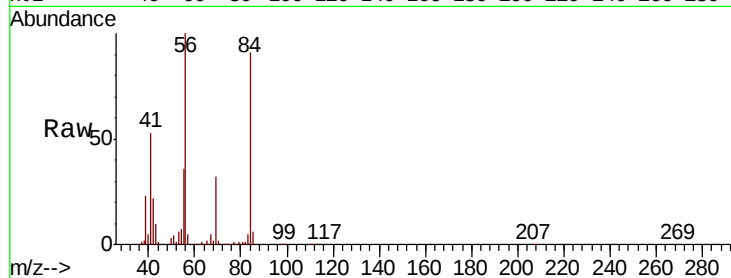




#31
Cyclohexane
Concen: 48.197 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

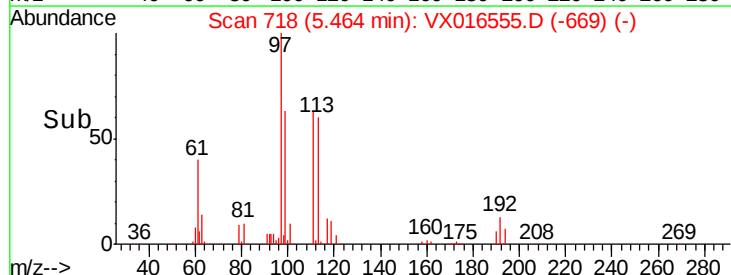
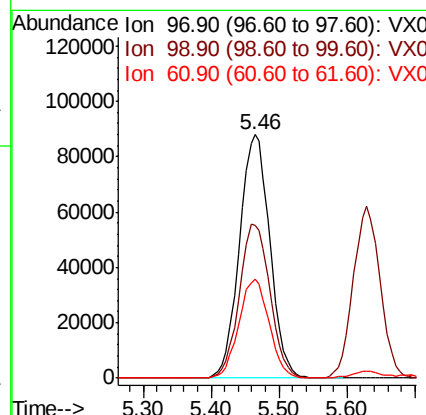
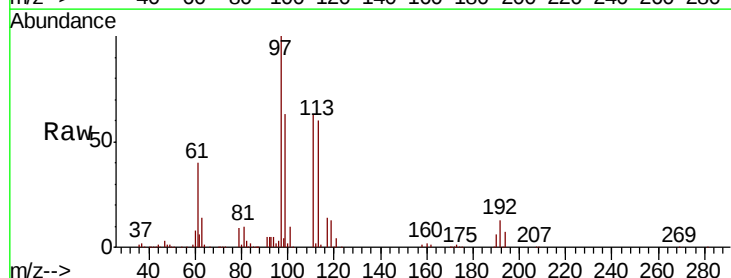
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

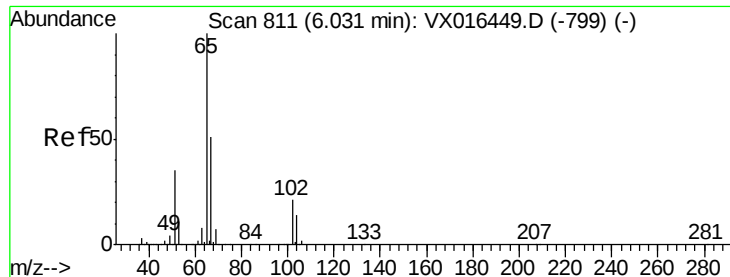
Tot Ion: 56 Resp: 261744
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 89.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.563 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 97 Resp: 272928
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 40.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 48.705 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

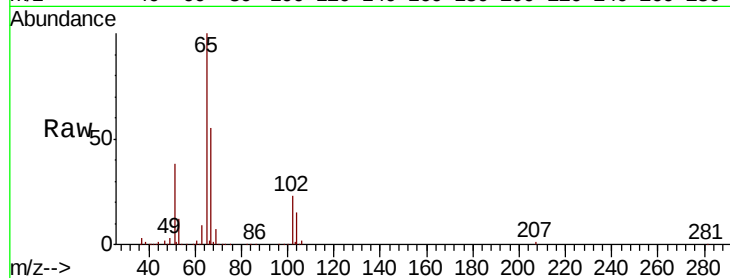
VSTDCCC050EC

Tot Ion: 65 Resp: 190300

Ion Ratio Lower Upper

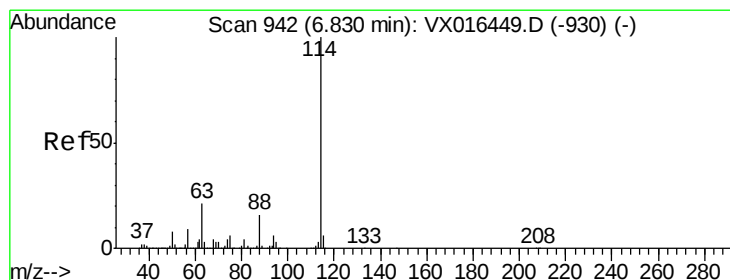
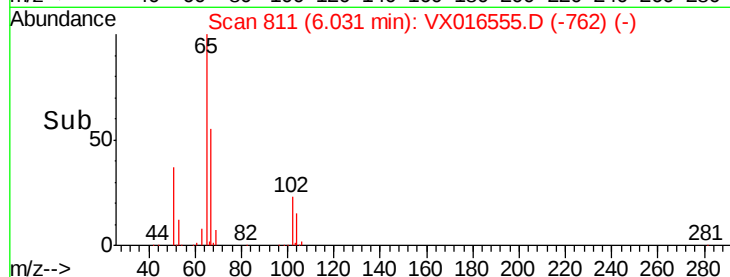
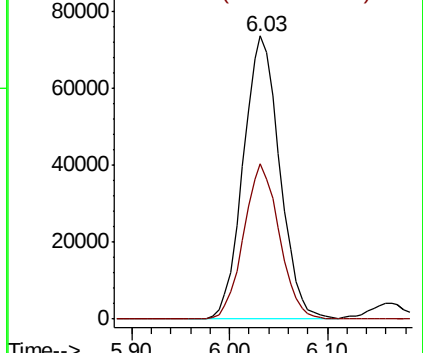
65 100

67 53.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

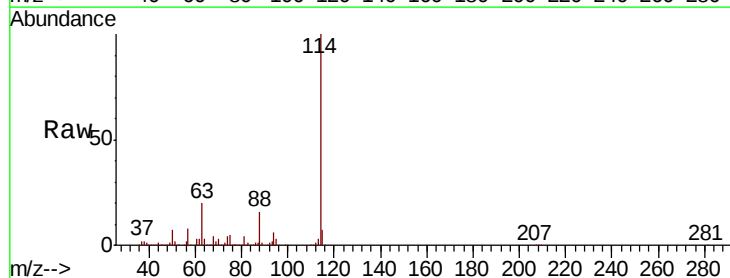
Tgt Ion: 114 Resp: 491635

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

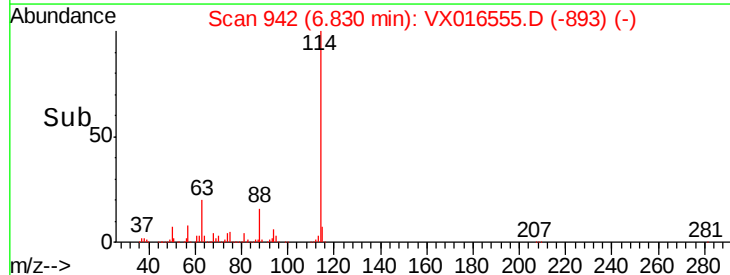
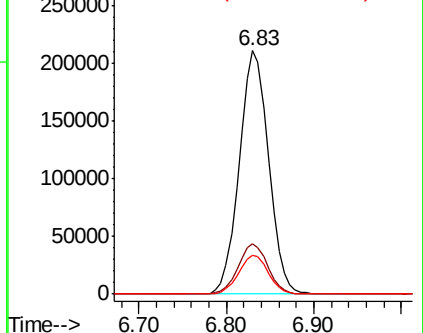
88 15.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.684 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

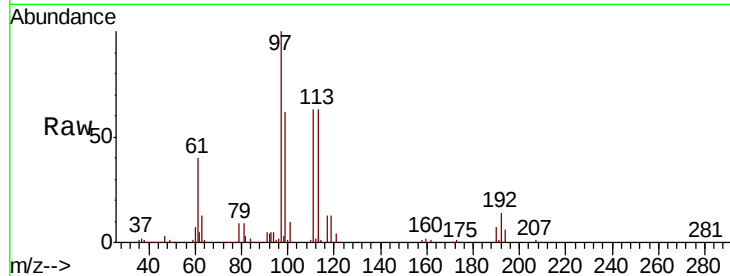
Tot Ion:113 Resp: 153431

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

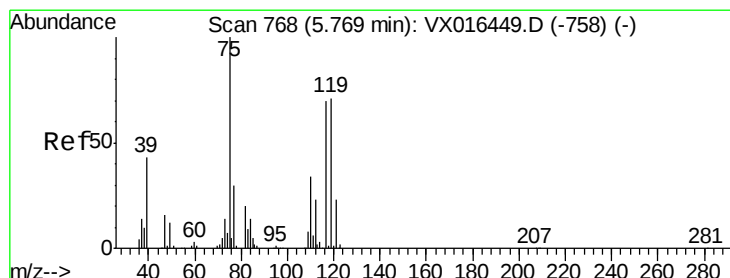
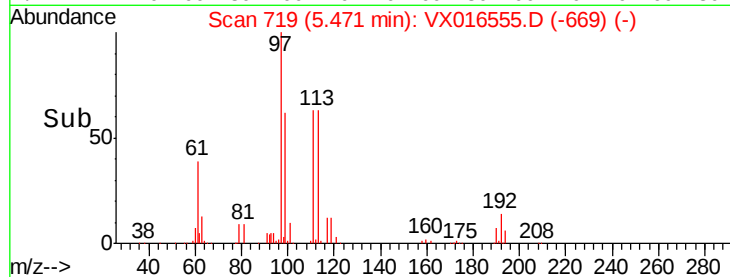
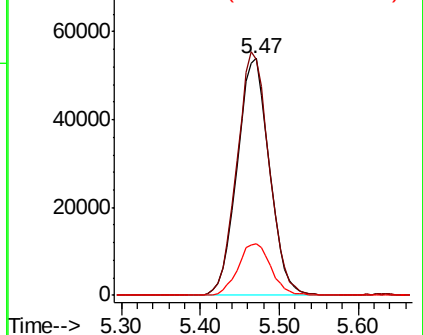
192 22.3 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.785 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

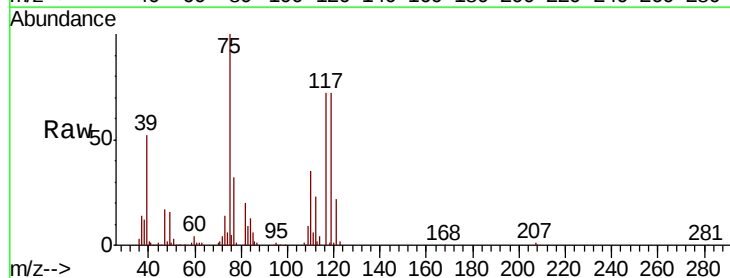
Tgt Ion: 75 Resp: 231740

Ion Ratio Lower Upper

75 100

110 35.5 17.4 52.3

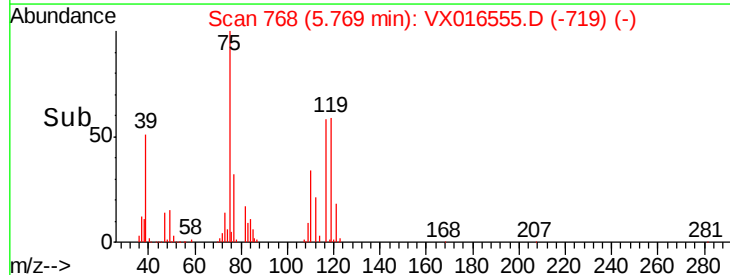
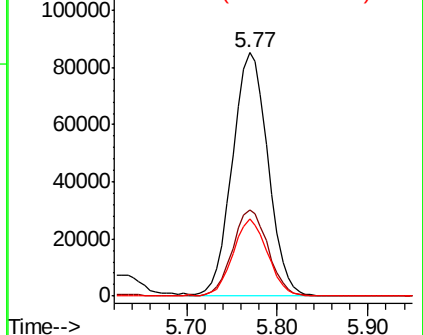
77 30.8 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

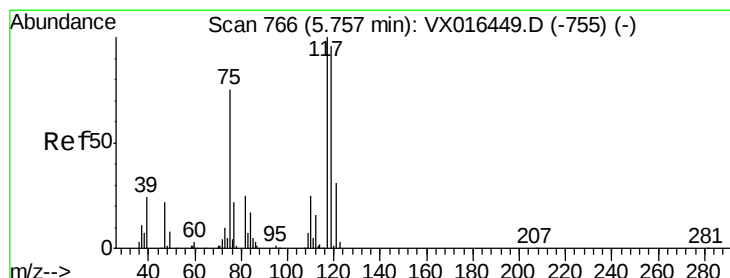
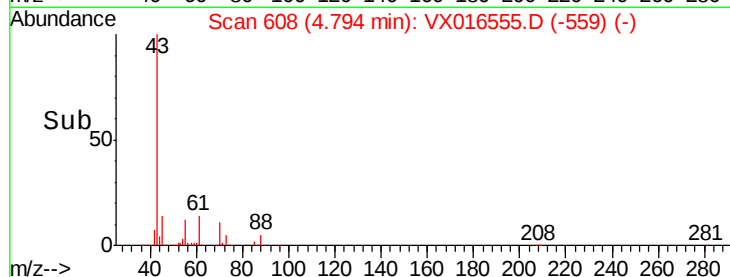
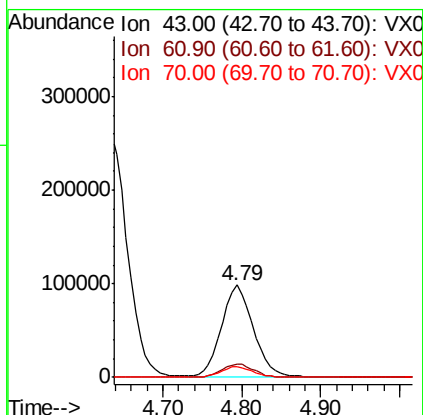
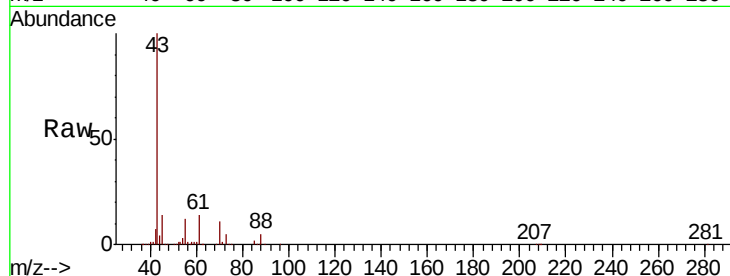




#37
Ethyl Acetate
Concen: 49.598 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

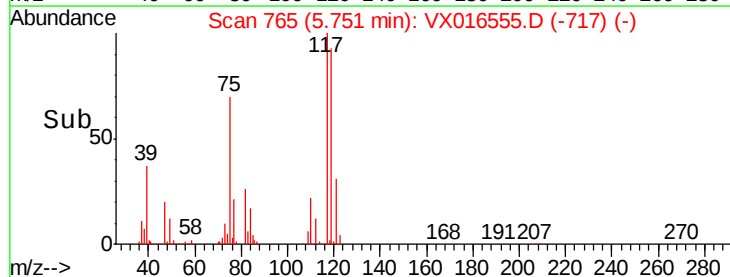
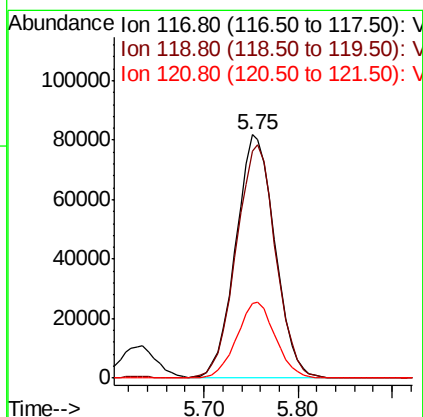
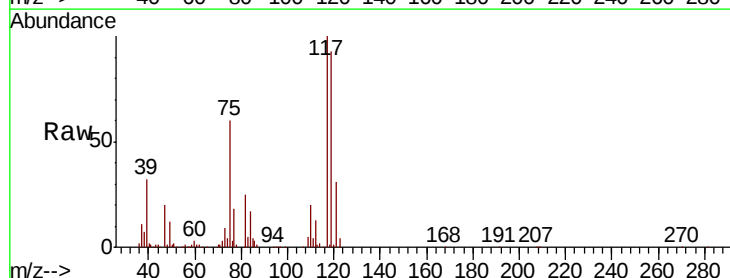
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

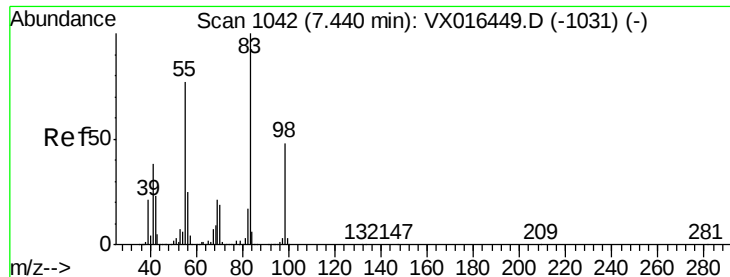
Tot Ion: 43 Resp: 277179
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.465 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 117 Resp: 237078
Ion Ratio Lower Upper
117 100
119 93.1 76.3 114.5
121 30.9 24.6 37.0

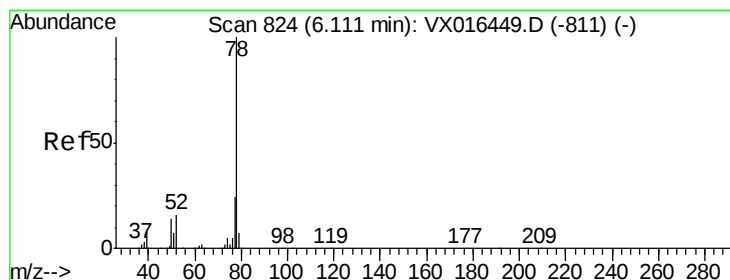
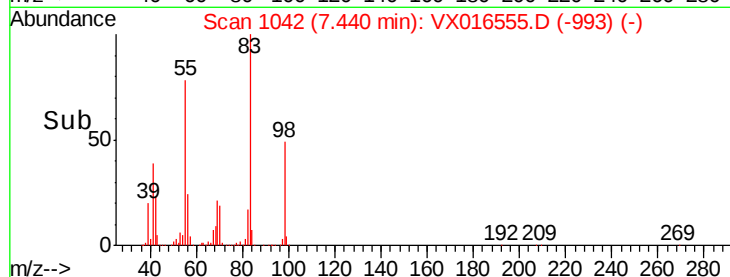
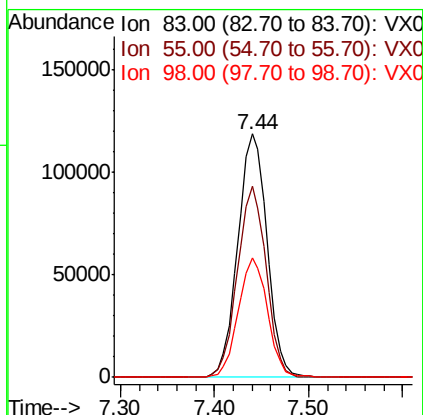
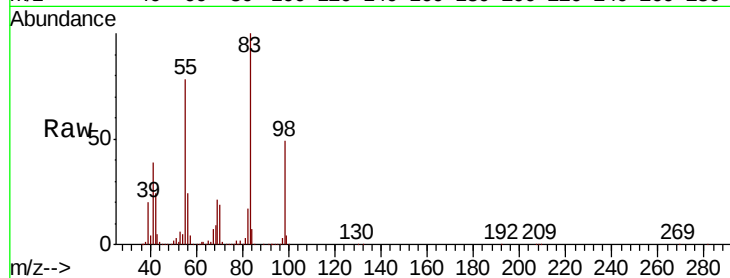




#39
Methvlcvclohexane
Concen: 51.077 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

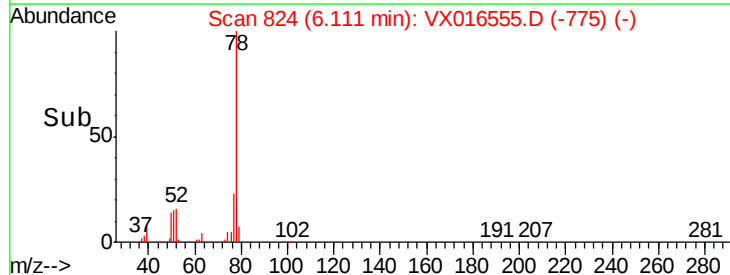
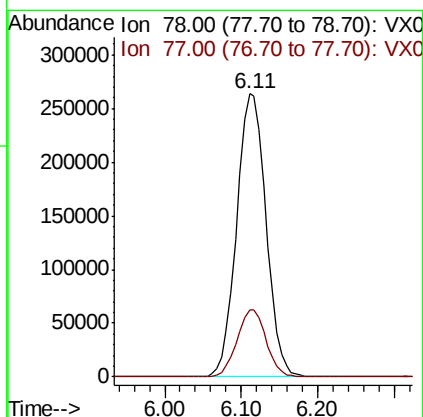
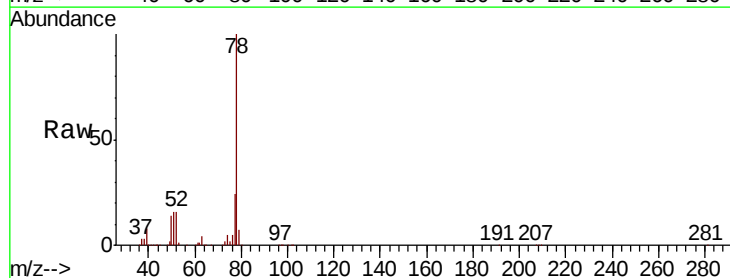
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 258243
Ion Ratio Lower Upper
83 100
55 78.3 61.7 92.5
98 49.0 38.7 58.1



#40
Benzene
Concen: 50.628 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 78 Resp: 701796
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

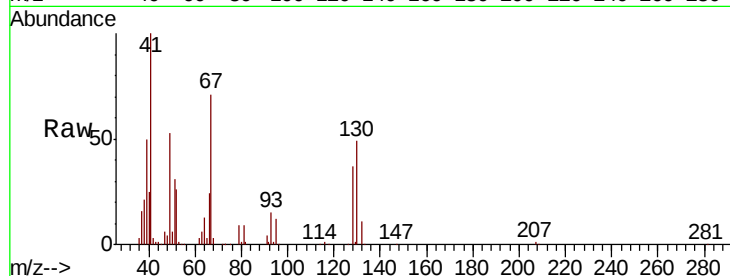




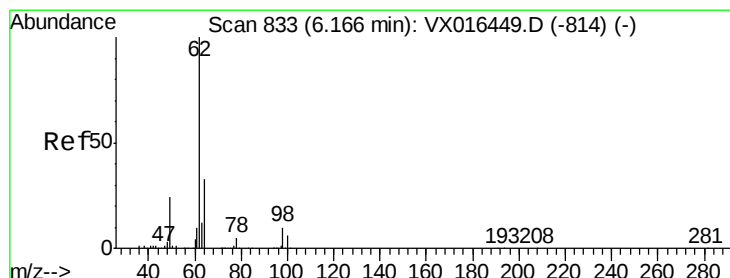
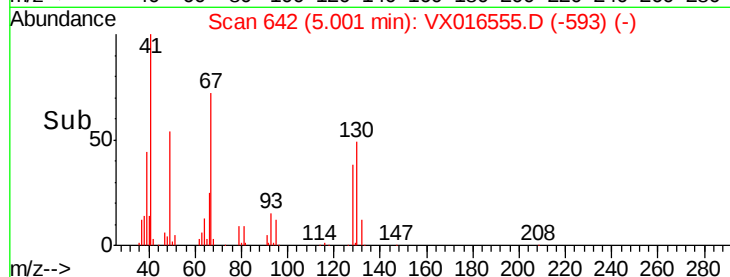
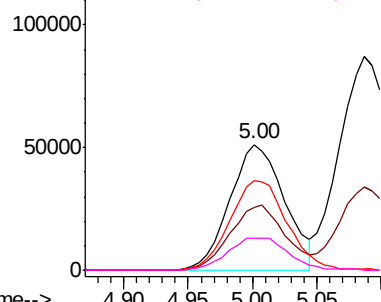
#41
Methacrylonitrile
Concen: 49.299 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	151333
Ion	Ratio	Lower	Upper
41	100		
39	51.7	43.0	64.4
67	74.6	58.9	88.3
52	28.5	23.1	34.7

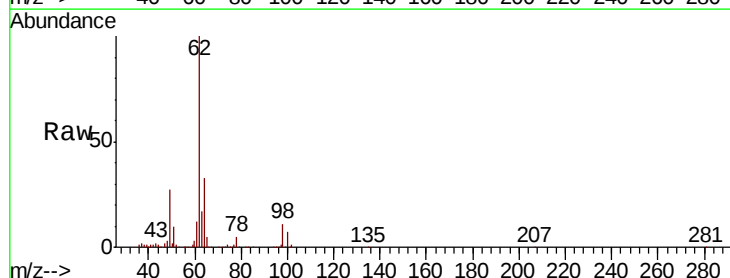


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

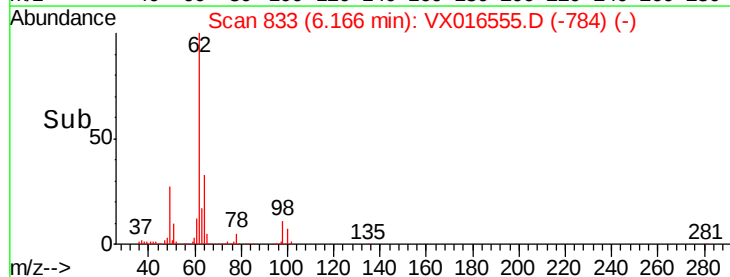
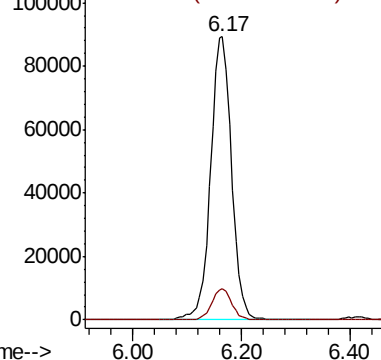


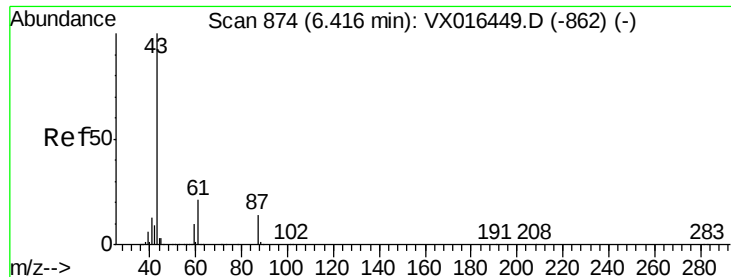
#42
1,2-Dichloroethane
Concen: 48.545 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion:	62	Resp:	239312
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.8



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



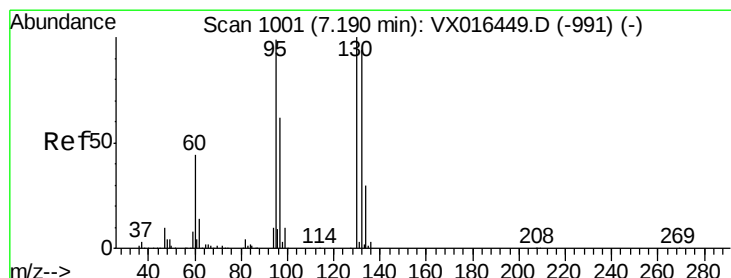
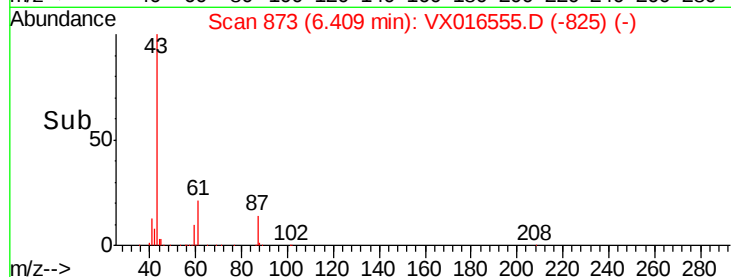
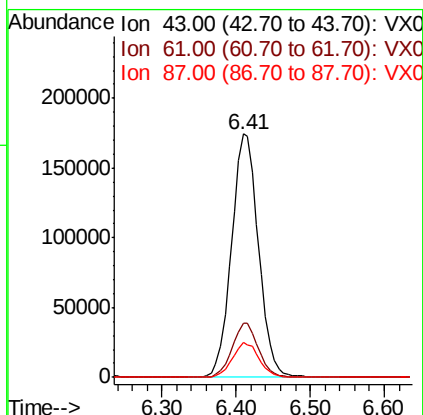
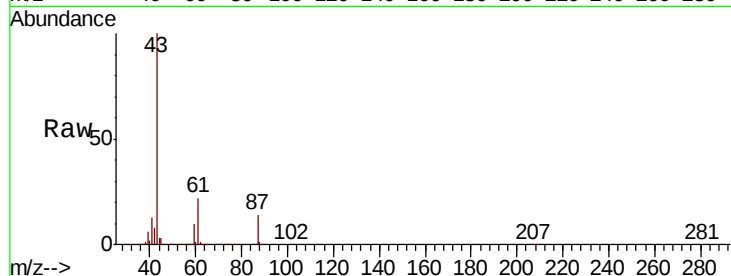


#43

Isopropyl Acetate
 Concen: 50.472 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

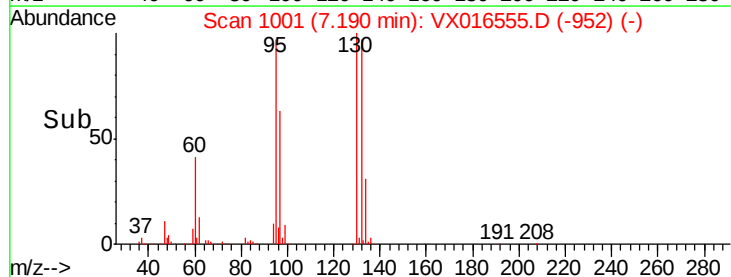
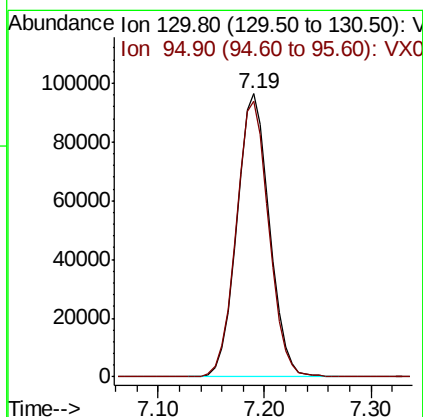
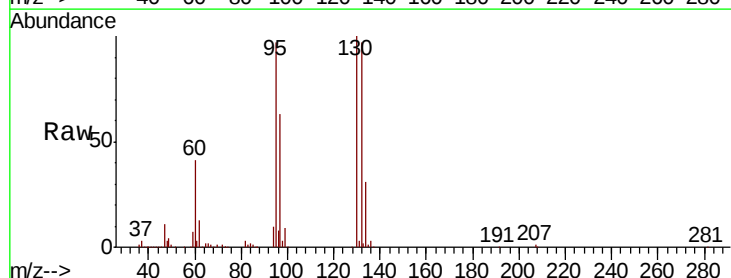
Tot Ion	43	Resp	439968
Ion Ratio	Lower	Upper	
43	100		
61	21.7	16.8	25.2
87	14.1	11.2	16.8

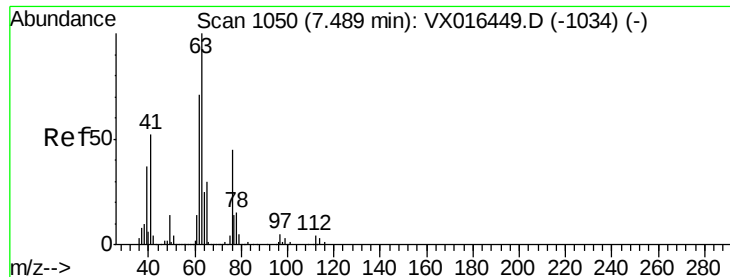


#44

Trichloroethene
 Concen: 47.041 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	130	Resp	206892
Ion Ratio	Lower	Upper	
130	100		
95	97.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 51.276 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

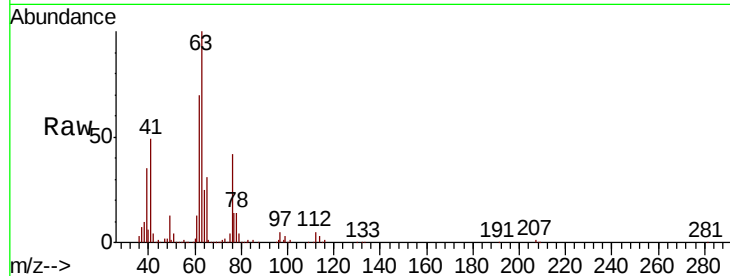
VSTDCCC050EC

Tot Ion: 63 Resp: 180951

Ion Ratio Lower Upper

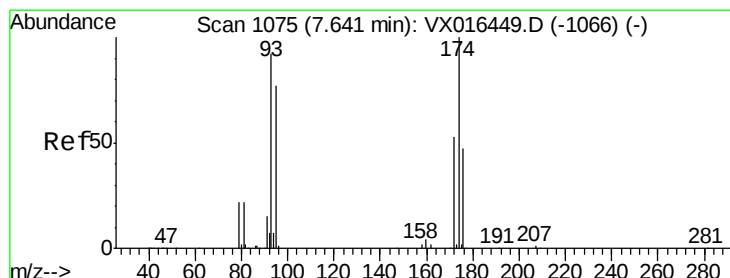
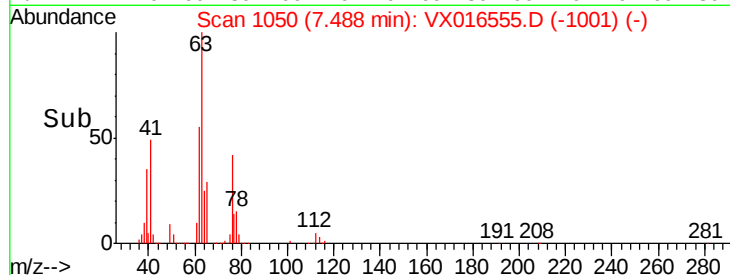
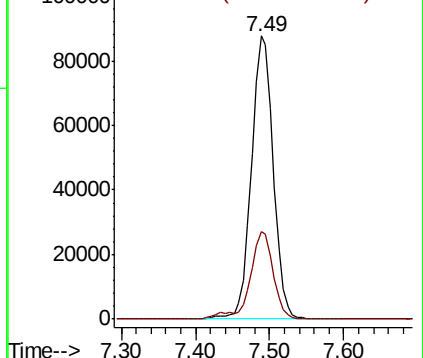
63 100

65 30.9 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.021 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

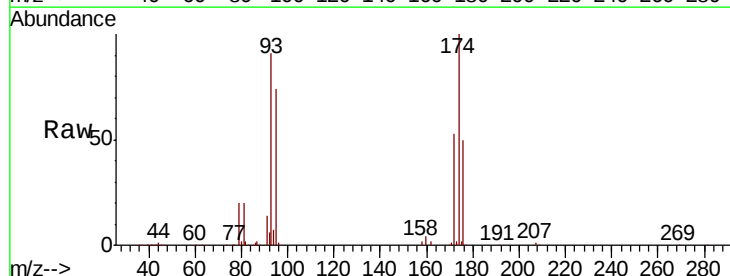
Tgt Ion: 93 Resp: 118564

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

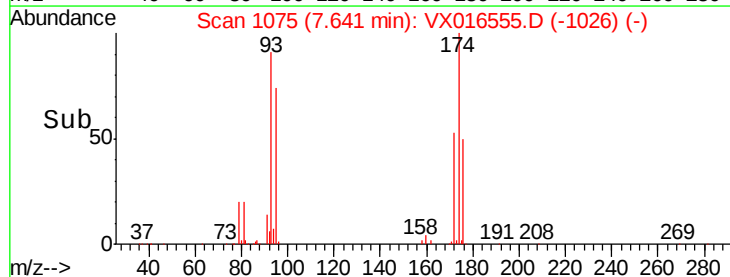
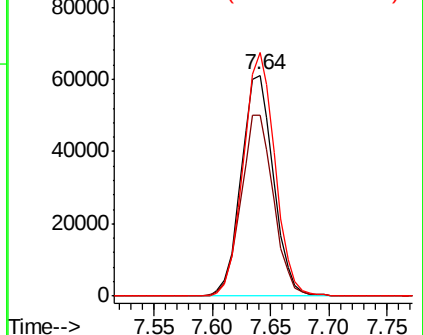
174 108.3 86.2 129.4

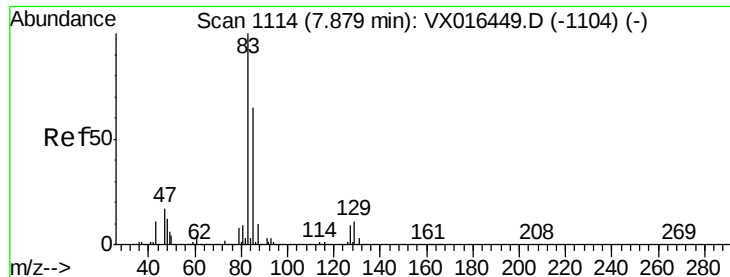


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.229 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

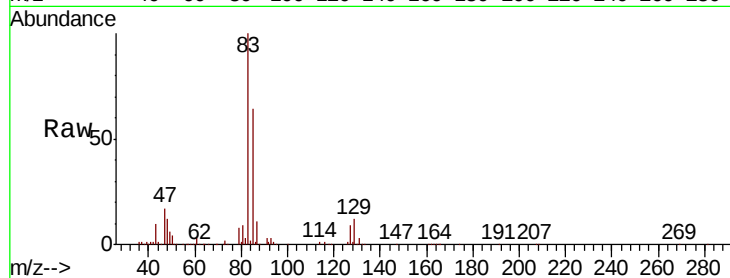
Tot Ion: 83 Resp: 246514

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

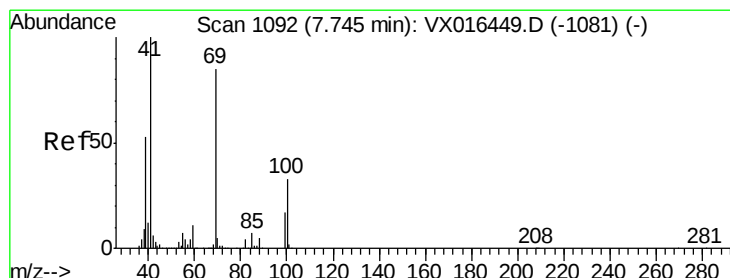
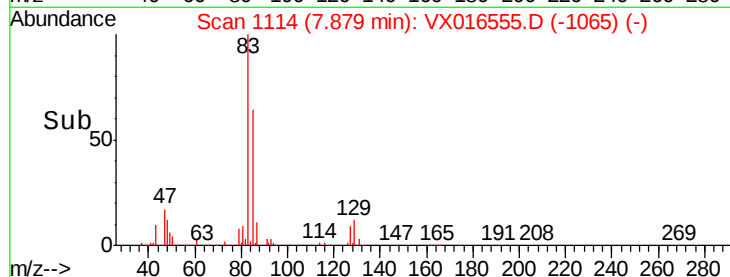
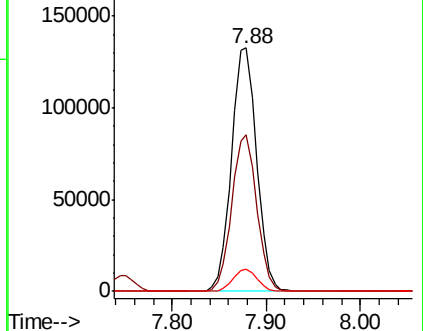
127 9.3 7.4 11.0



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: 50.457 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

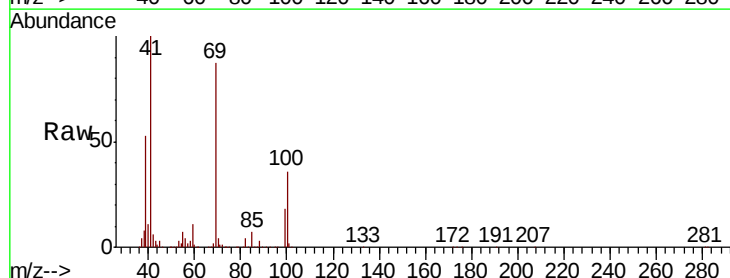
Tgt Ion: 41 Resp: 210594

Ion Ratio Lower Upper

41 100

69 87.9 68.6 102.8

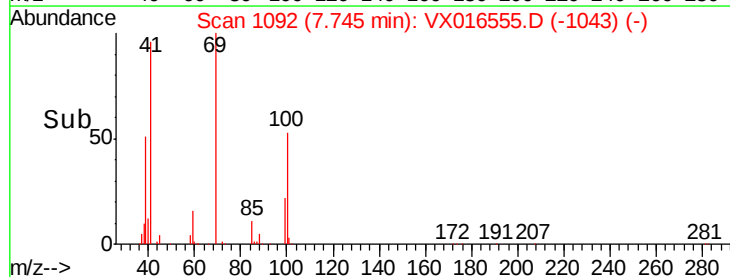
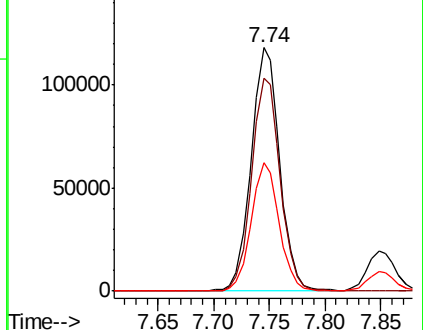
39 51.5 42.4 63.6

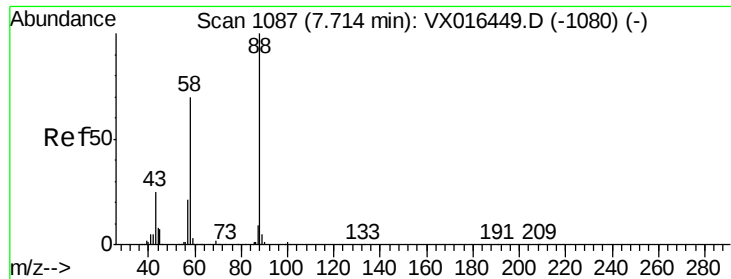


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 917.805 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

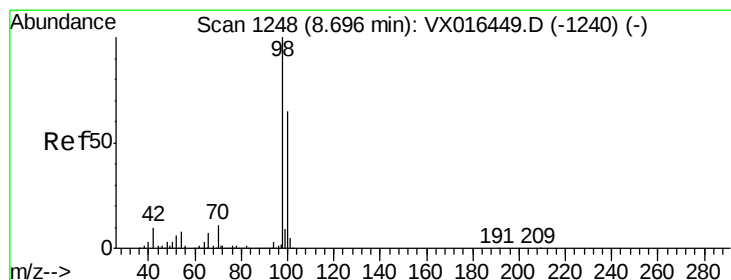
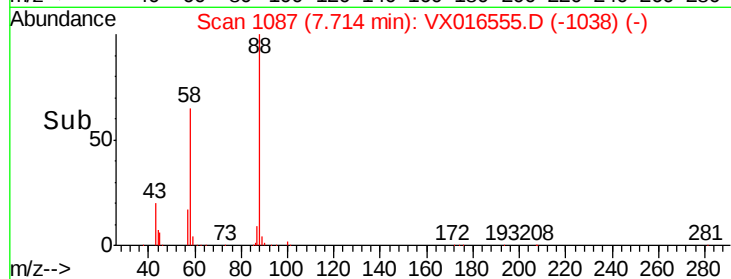
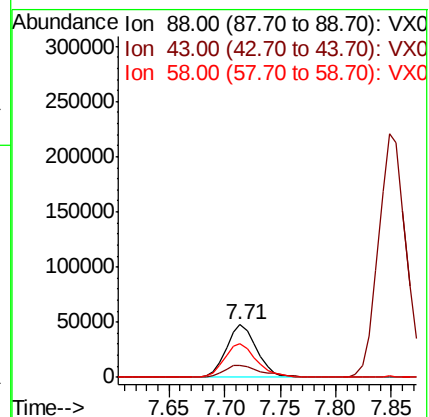
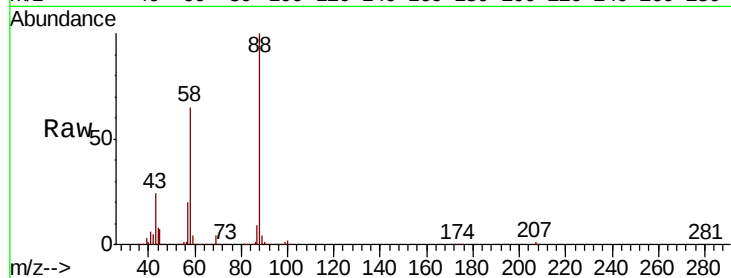
Tot Ion: 88 Resp: 89648

Ion Ratio Lower Upper

88 100

43 29.4 24.2 36.4

58 68.7 56.5 84.7



#50

Toluene-d8

Concen: 51.089 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016555.D

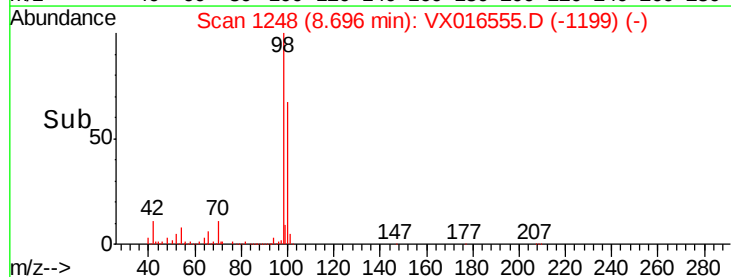
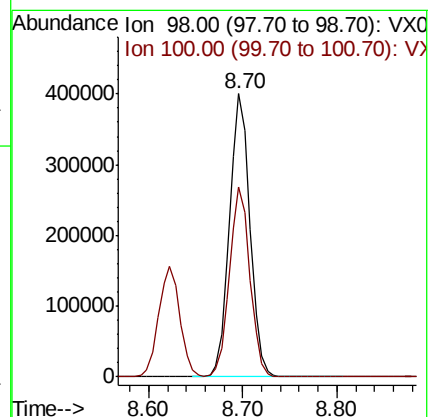
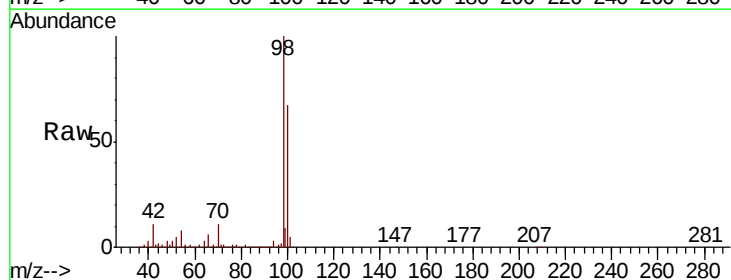
Acq: 02 Jun 2020 16:20

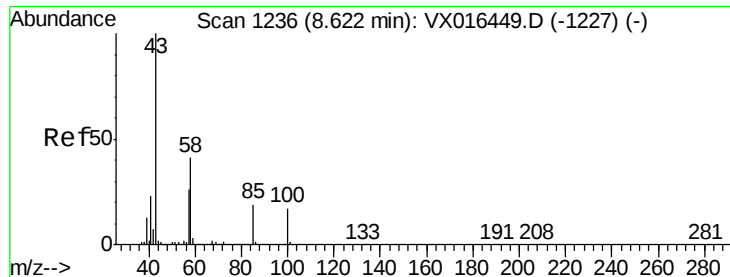
Tgt Ion: 98 Resp: 601964

Ion Ratio Lower Upper

98 100

100 66.6 53.8 80.6

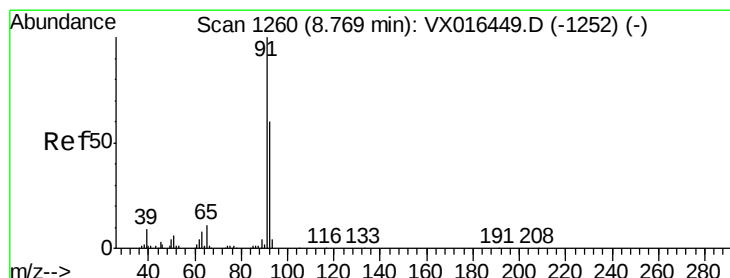
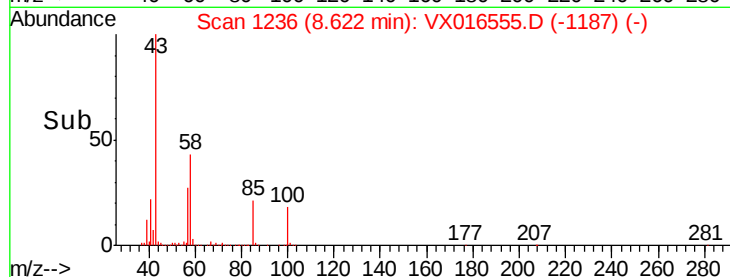
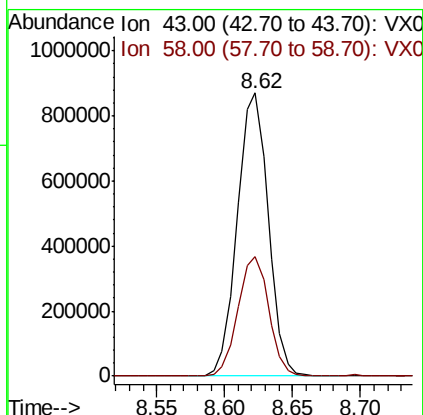
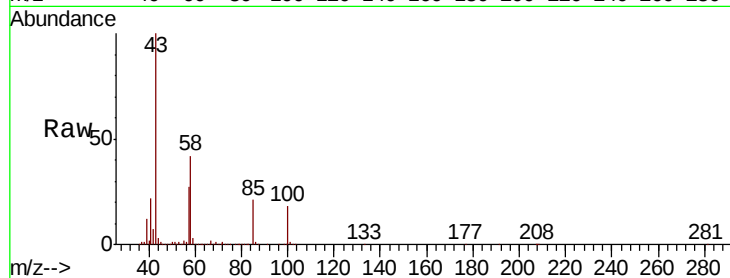




#51
4-Methyl-2-Pentanone
Concen: 255.389 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

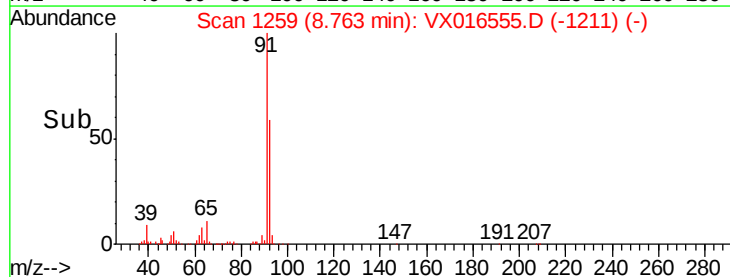
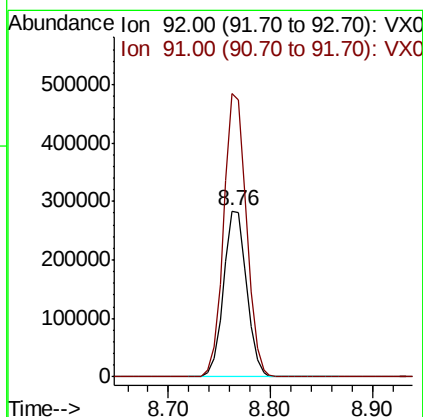
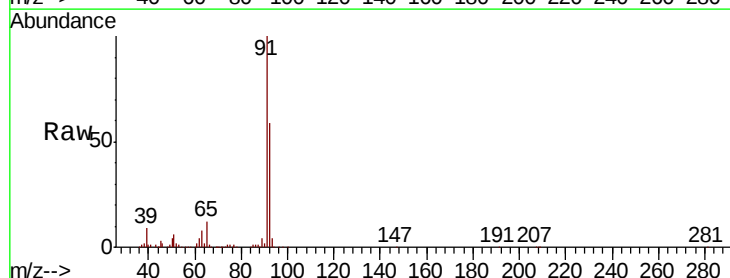
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

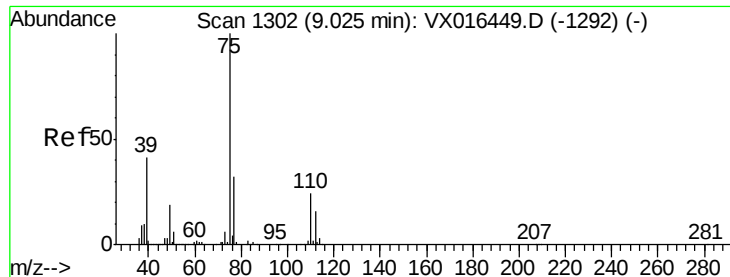
Tot Ion: 43 Resp: 1386204
Ion Ratio Lower Upper
43 100
58 42.0 33.0 49.6



#52
Toluene
Concen: 50.692 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 92 Resp: 443110
Ion Ratio Lower Upper
92 100
91 168.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 52.276 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

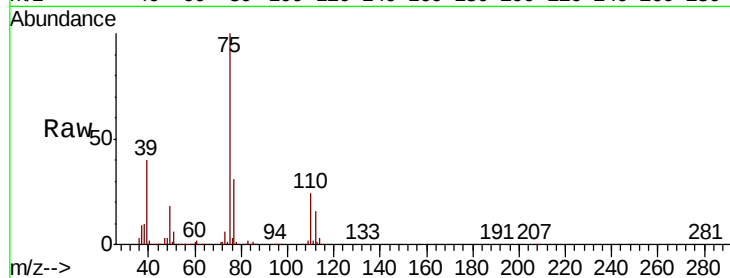
VSTDCCC050EC

Tot Ion: 75 Resp: 291736

Ion Ratio Lower Upper

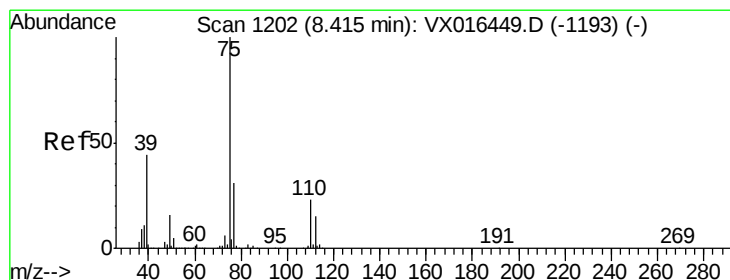
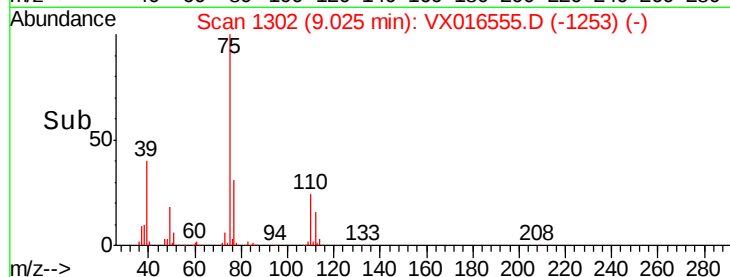
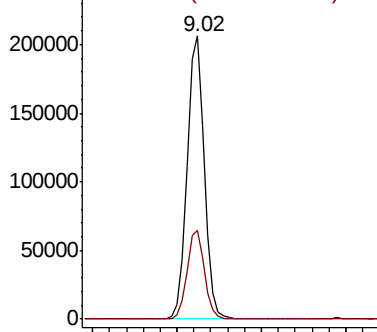
75 100

77 31.5 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.198 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

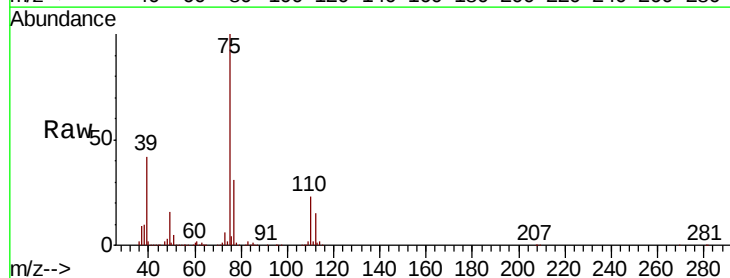
Tgt Ion: 75 Resp: 308332

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

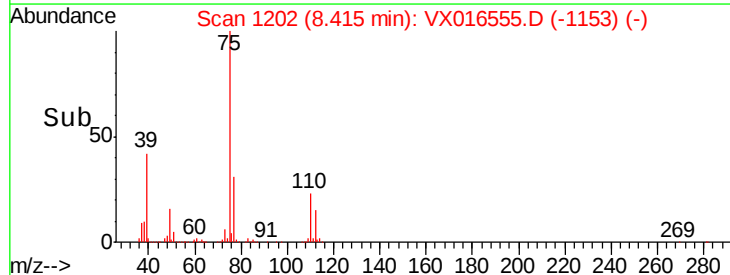
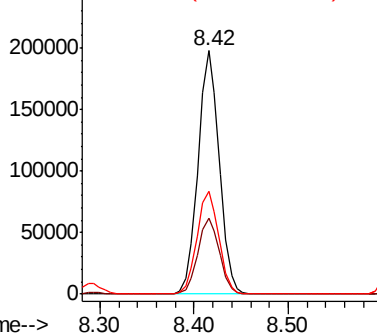
39 42.1 35.3 52.9

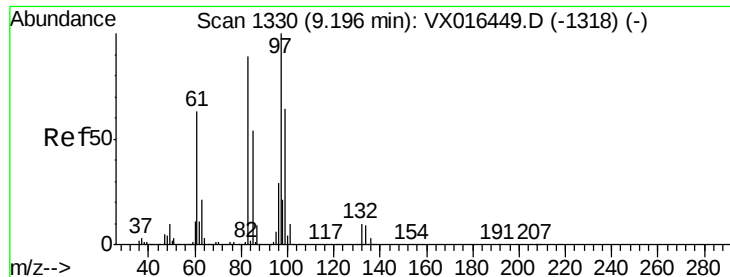


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

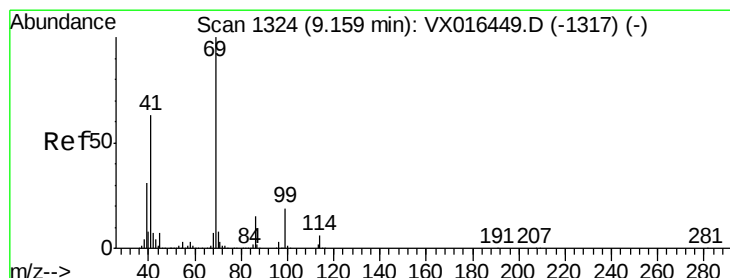
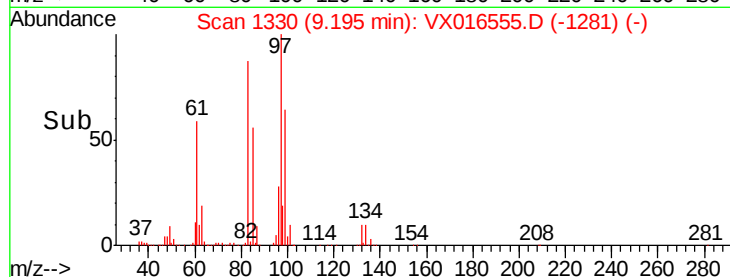
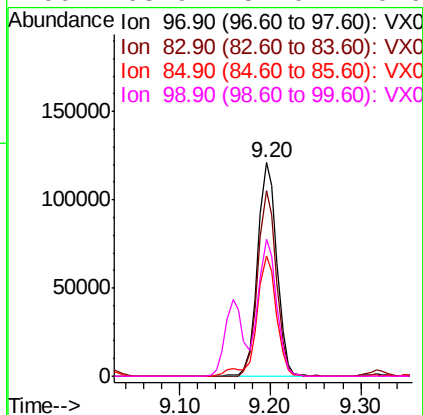
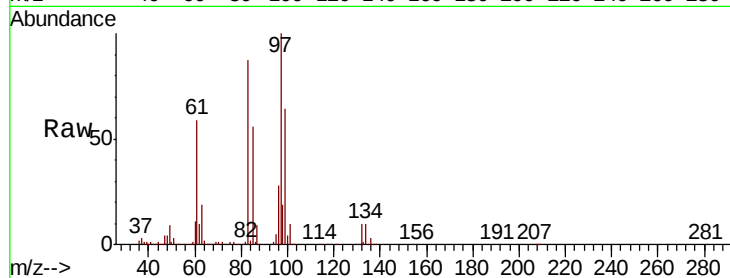




#55
 1,1,2-Trichloroethane
 Concen: 51.205 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

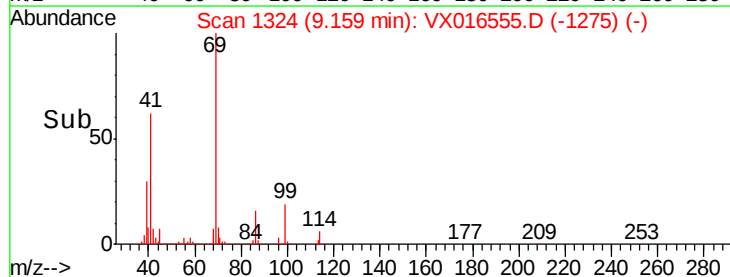
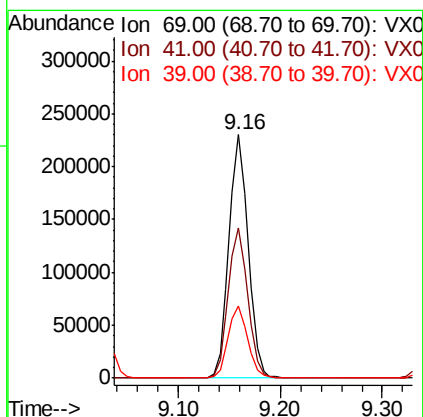
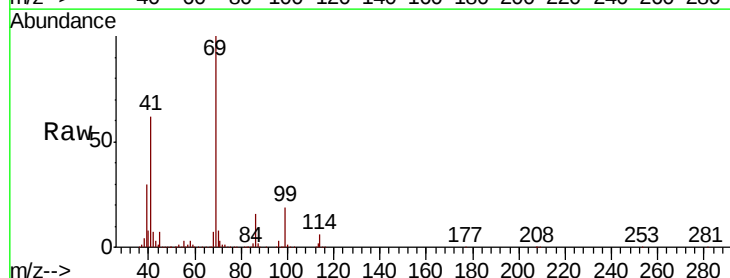
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	177964
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.9	106.3
85	56.2	43.4	65.2
99	63.9	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 53.006 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion:	69	Resp:	300032
Ion	Ratio	Lower	Upper
69	100		
41	62.4	50.7	76.1
39	30.2	25.8	38.6





#57

1,3-Dichloropropane

Concen: 50.480 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

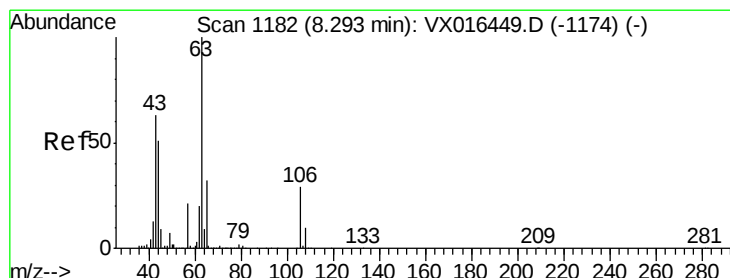
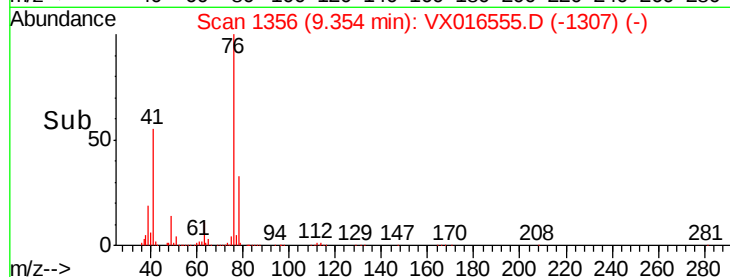
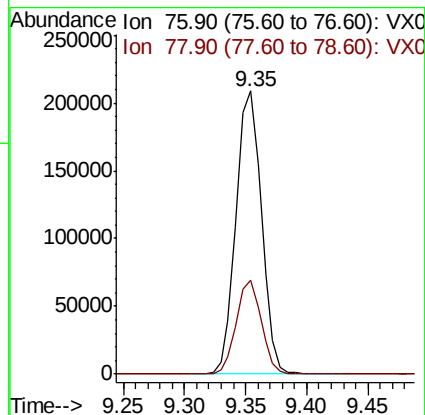
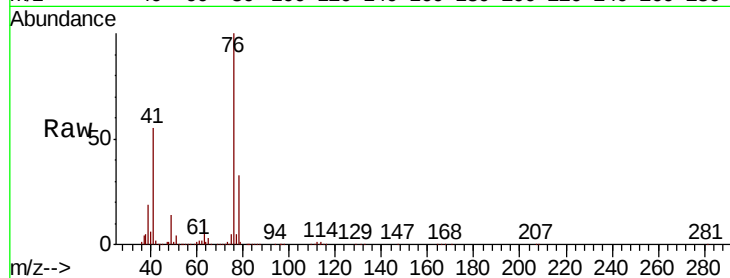
VSTDCCC050EC

Tot Ion: 76 Resp: 301142

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 253.095 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016555.D

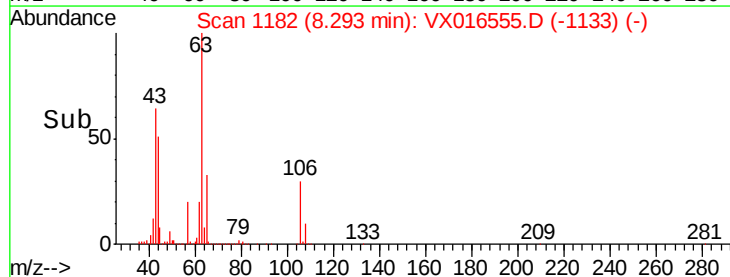
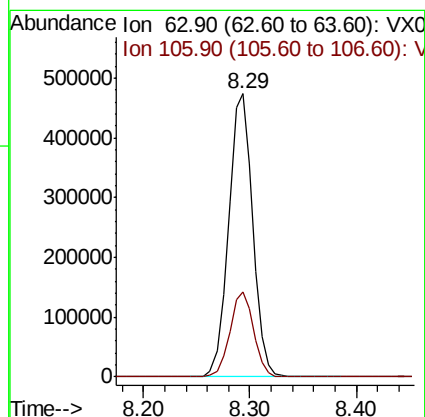
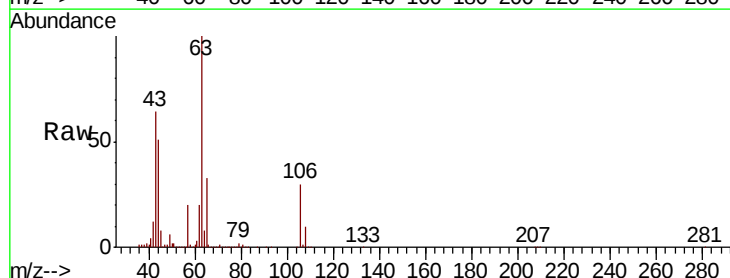
Acq: 02 Jun 2020 16:20

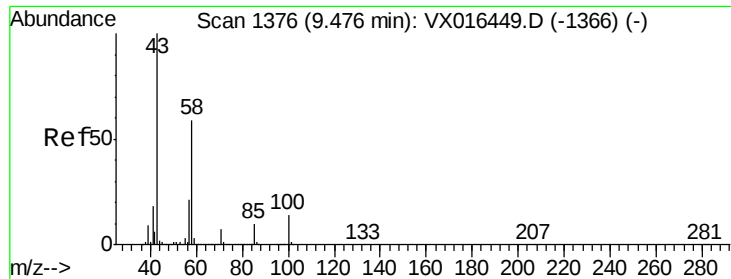
Tgt Ion: 63 Resp: 747759

Ion Ratio Lower Upper

63 100

106 29.6 23.2 34.8

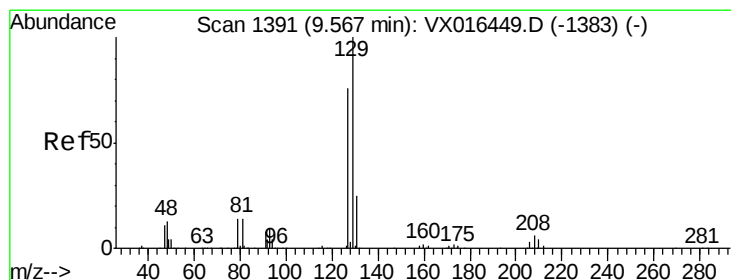
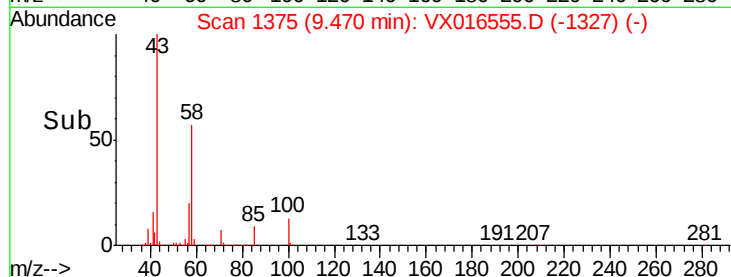
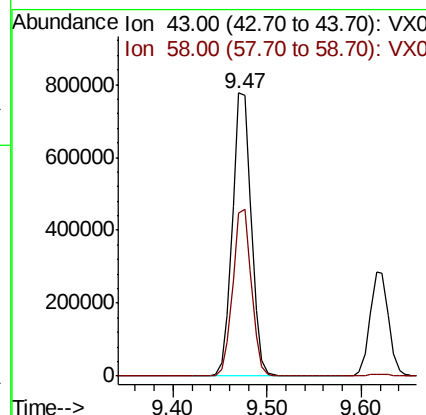
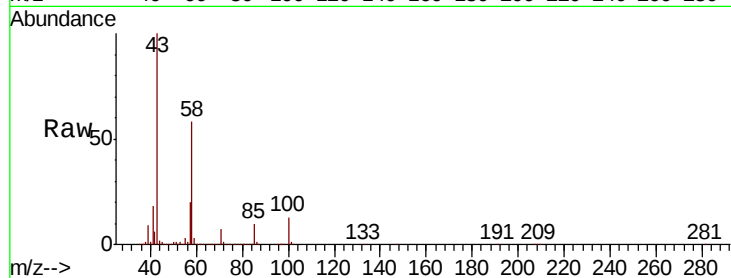




#59
2-Hexanone
Concen: 256.304 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

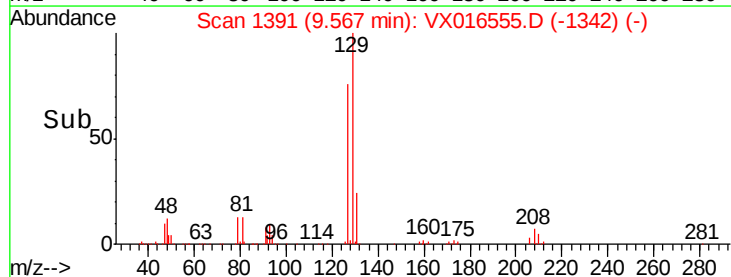
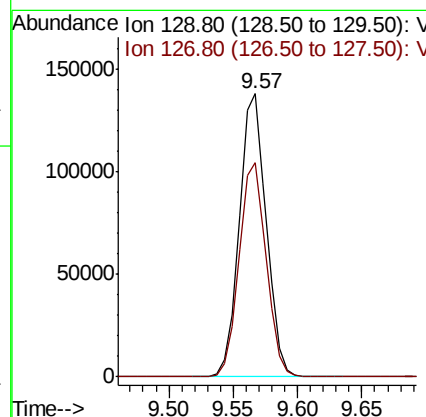
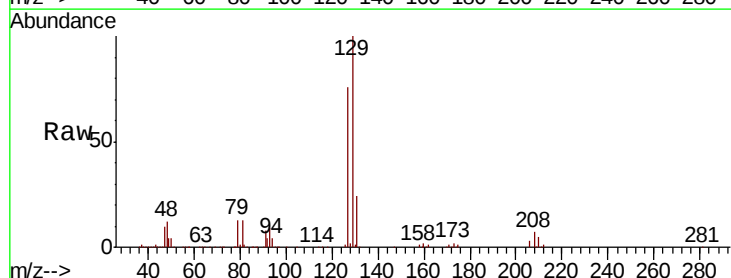
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

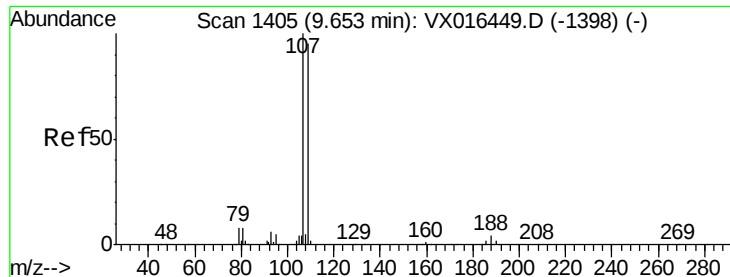
Tot Ion: 43 Resp: 1081855
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4



#60
Dibromochloromethane
Concen: 51.197 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 129 Resp: 200244
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.947 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

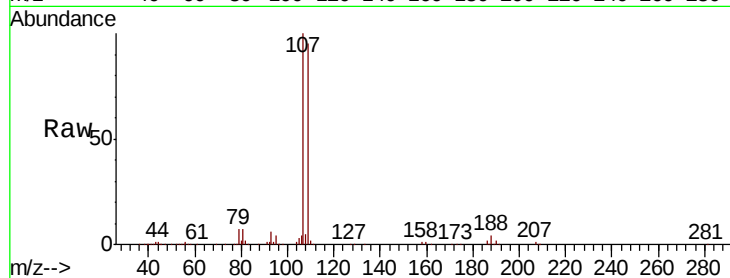
VSTDCCC050EC

Tot Ion: 107 Resp: 189614

Ion Ratio Lower Upper

107 100

109 95.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

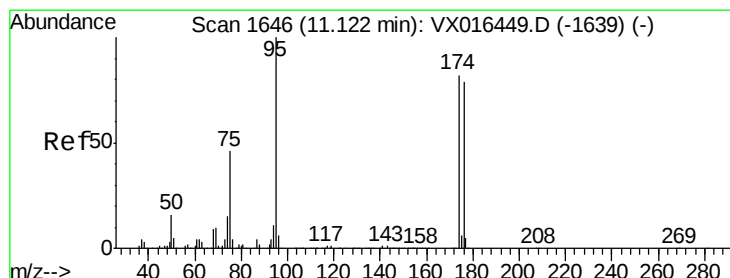
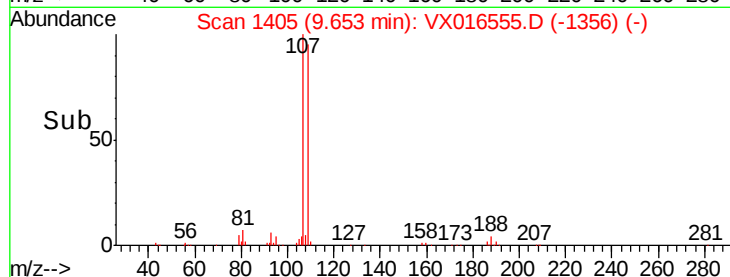
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.613 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

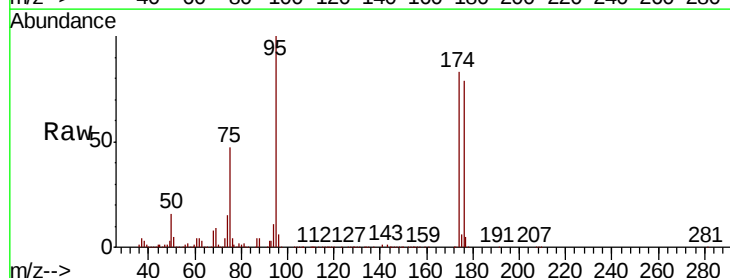
Tgt Ion: 95 Resp: 230431

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 78.5 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

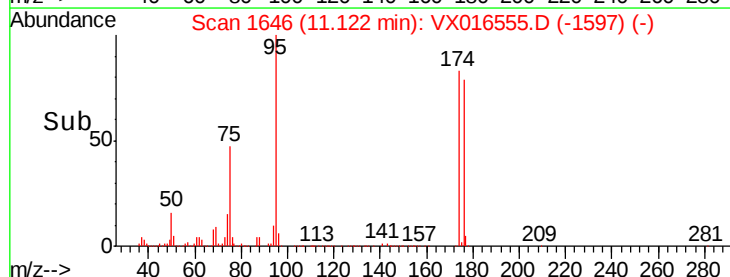
150000

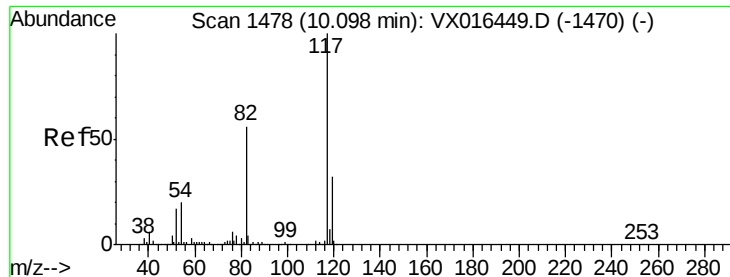
100000

50000

0

Time--> 11.10 11.20

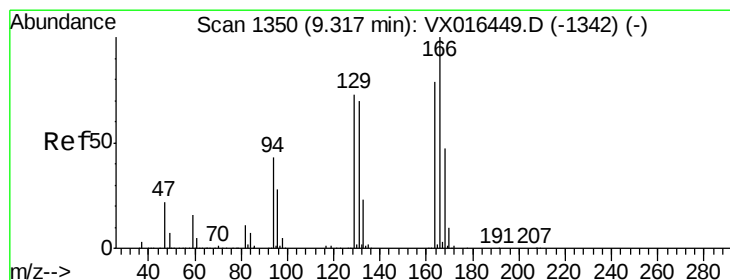
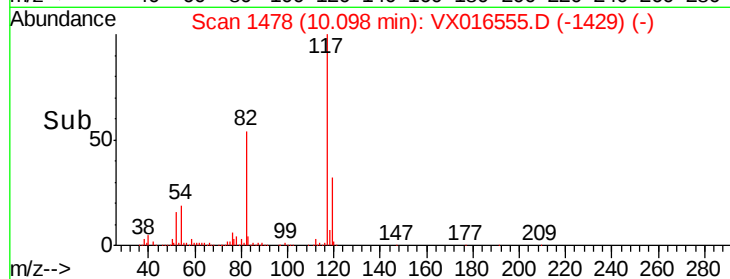
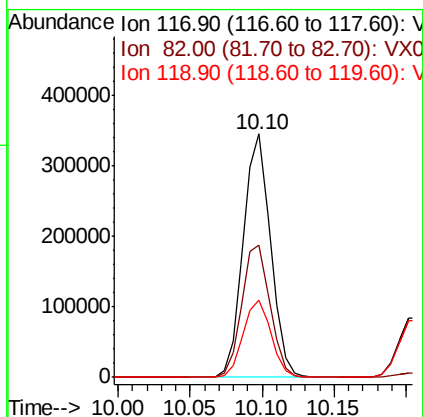
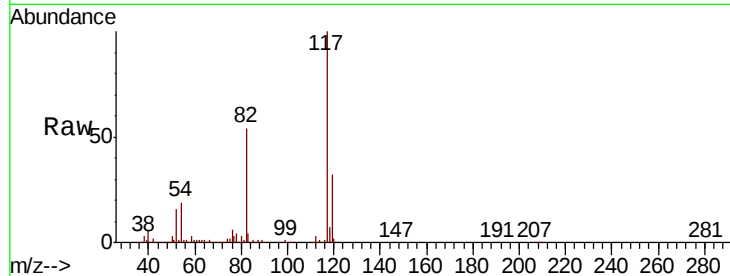




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

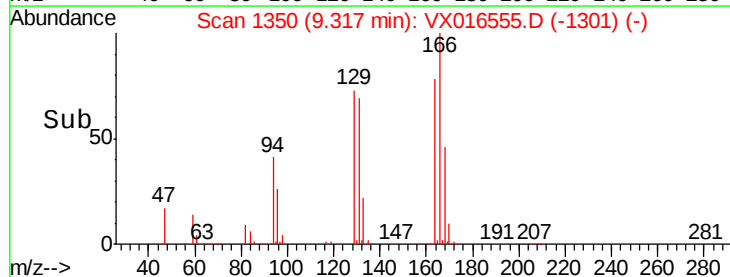
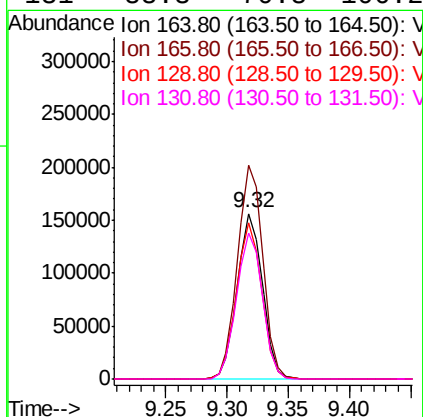
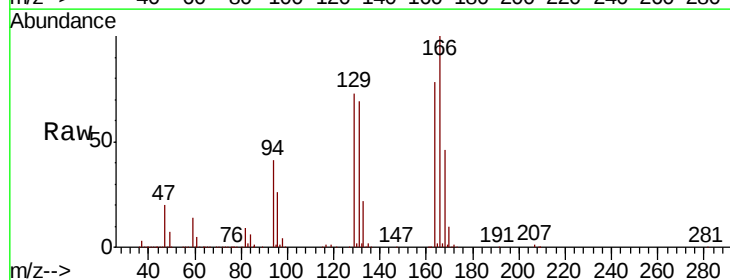
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

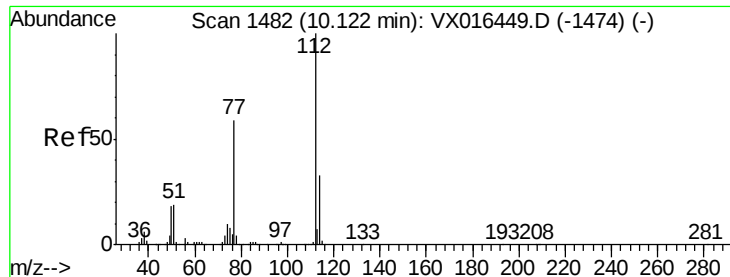
Tot Ion:117 Resp: 453807
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.6
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 44.059 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion:164 Resp: 223695
Ion Ratio Lower Upper
164 100
166 128.9 100.9 151.3
129 94.0 73.2 109.8
131 88.3 70.8 106.2

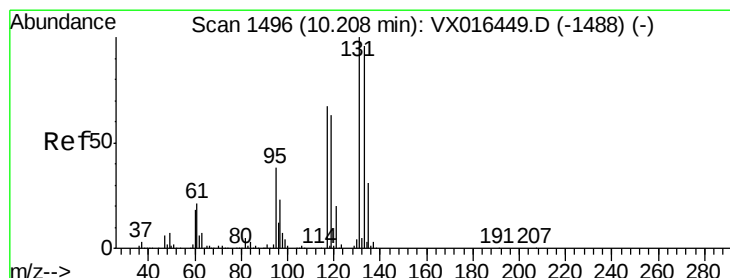
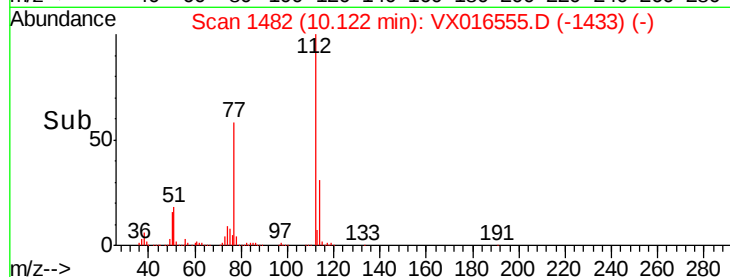
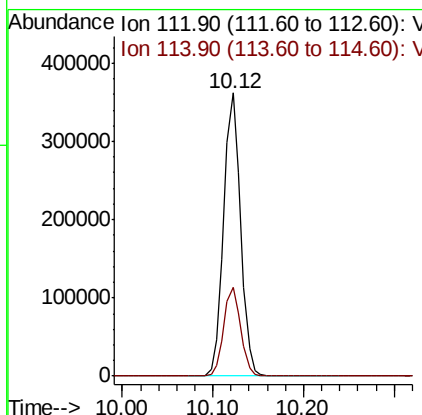
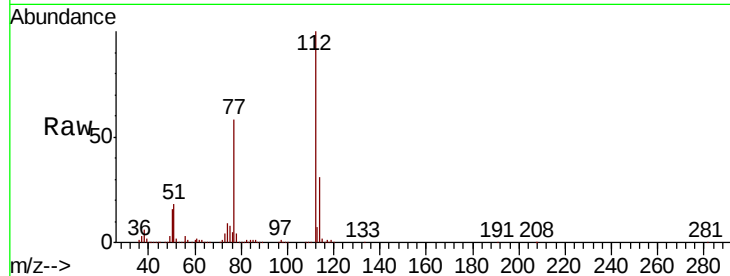




#65
Chlorobenzene
Concen: 50.999 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

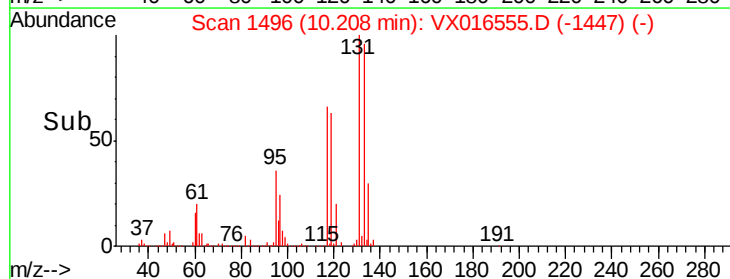
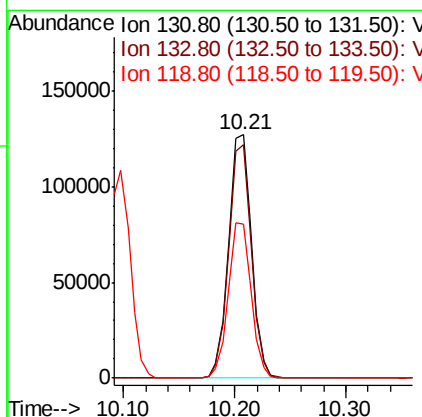
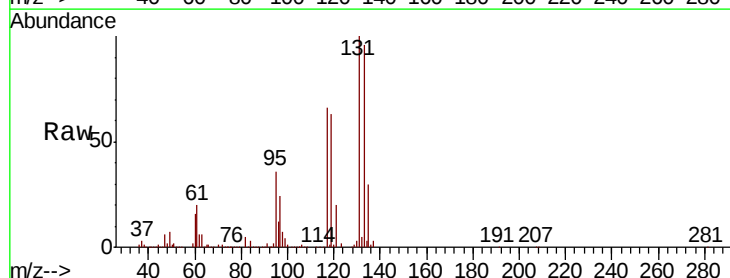
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

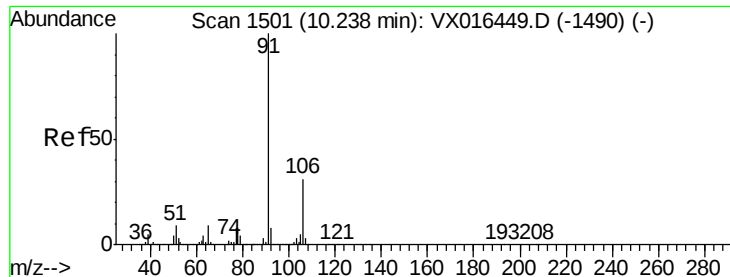
Tot Ion:112 Resp: 471833
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.260 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion:131 Resp: 181035
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 63.9 32.0 96.2

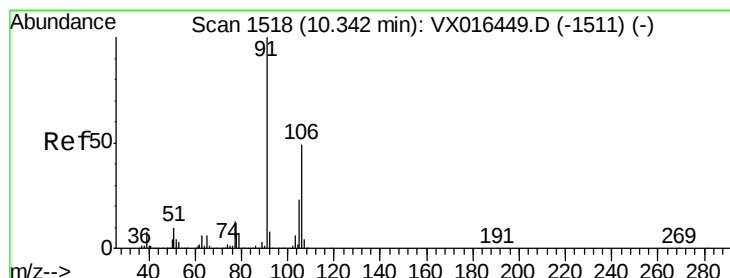
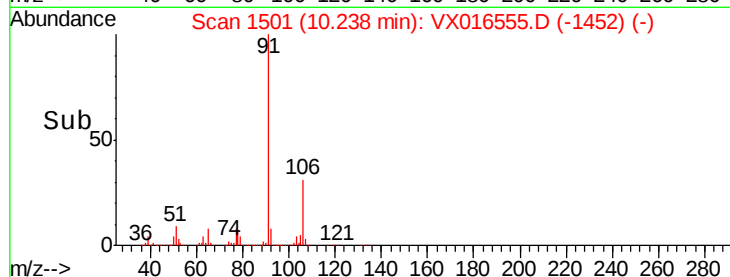
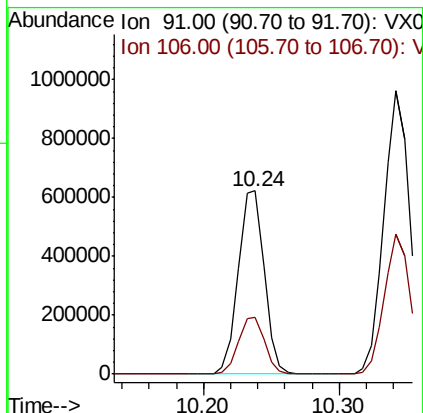
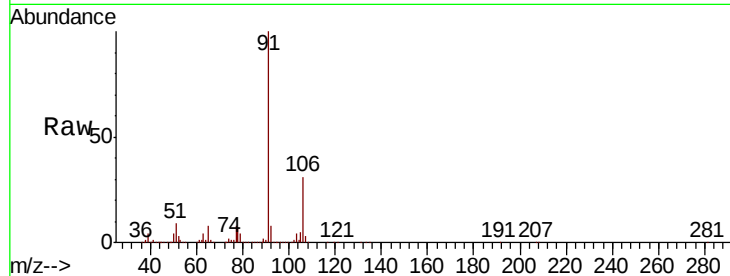




#67
Ethyl Benzene
Concen: 50.531 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

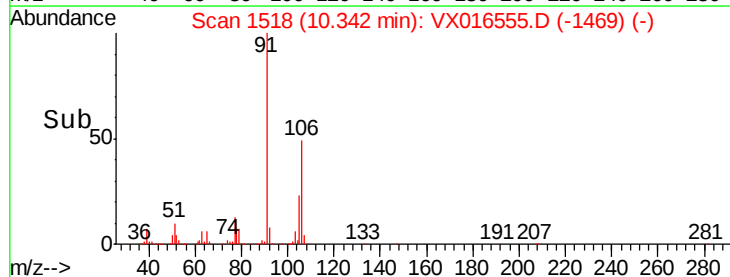
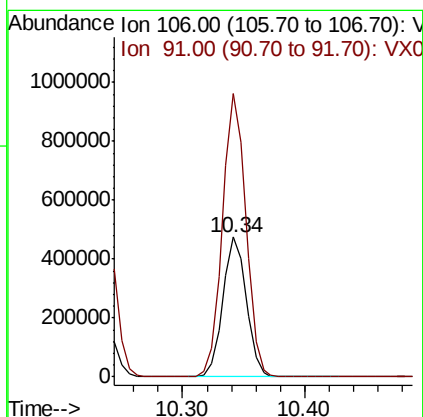
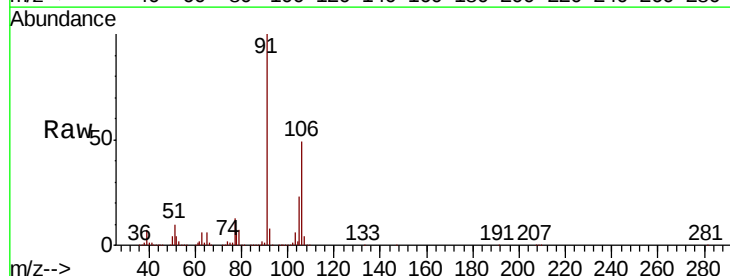
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

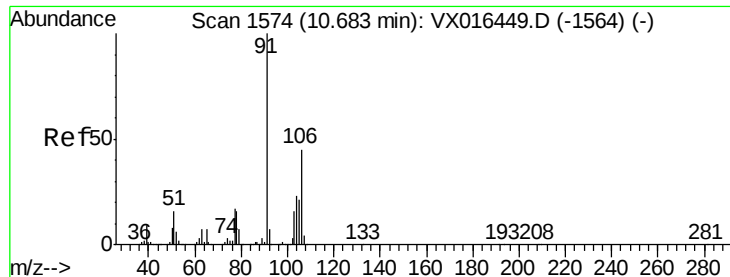
Tot Ion: 91 Resp: 832356
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 103.410 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 106 Resp: 631573
Ion Ratio Lower Upper
106 100
91 202.3 163.8 245.8

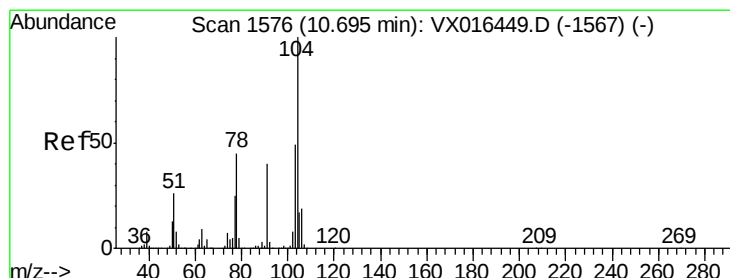
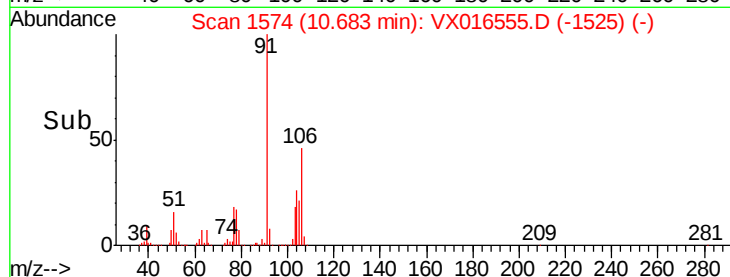
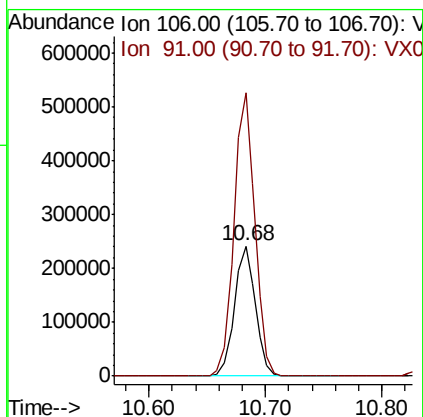
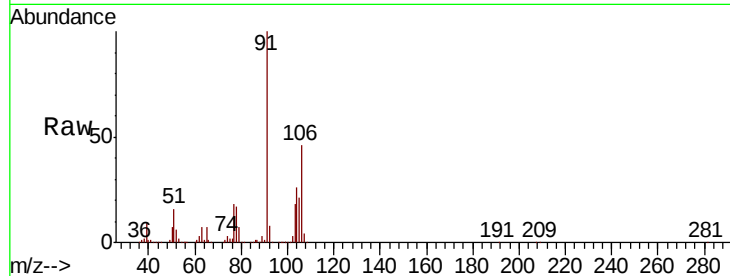




#69
o-Xylene
Concen: 50.994 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

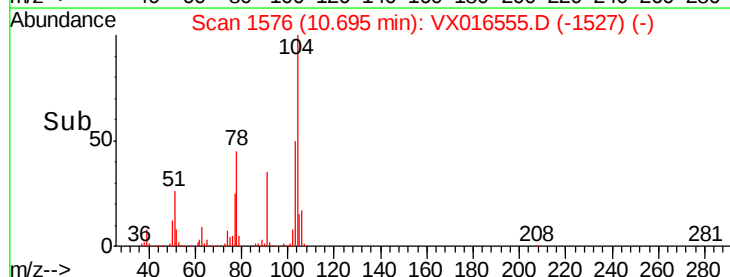
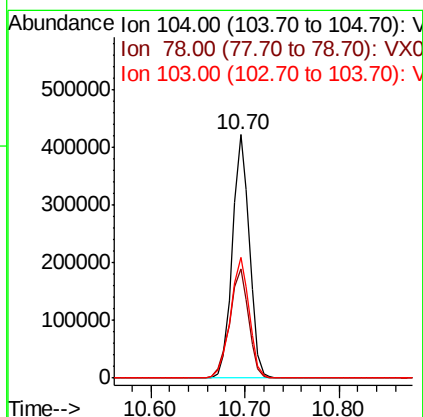
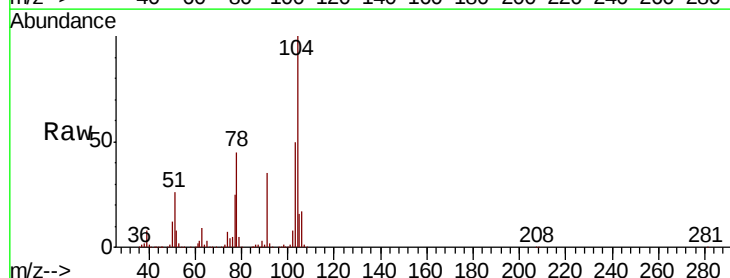
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

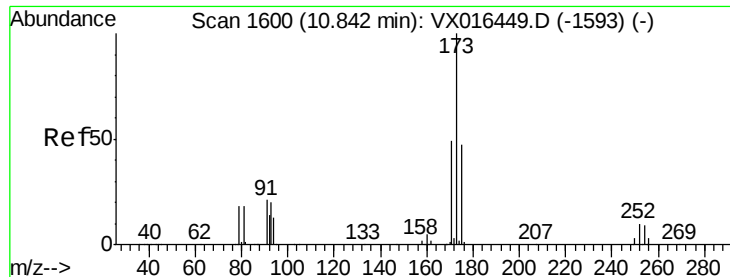
Tot Ion:106 Resp: 301618
Ion Ratio Lower Upper
106 100
91 217.3 109.6 328.8



#70
Styrene
Concen: 52.066 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion:104 Resp: 529335
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 54.3 43.1 64.7





#71

Bromoform

Concen: 52.279 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

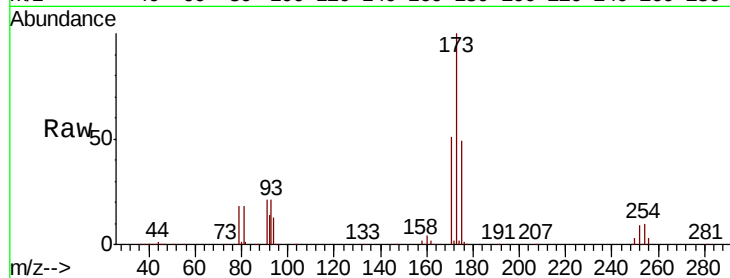
Tot Ion:173 Resp: 156039

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

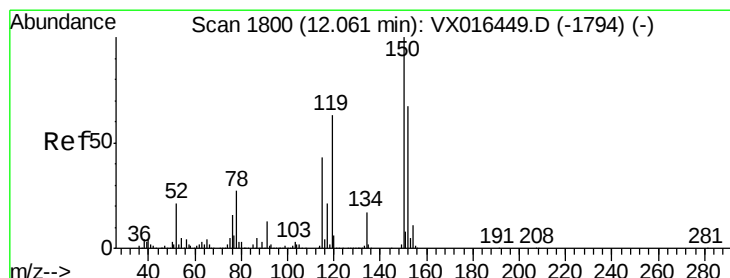
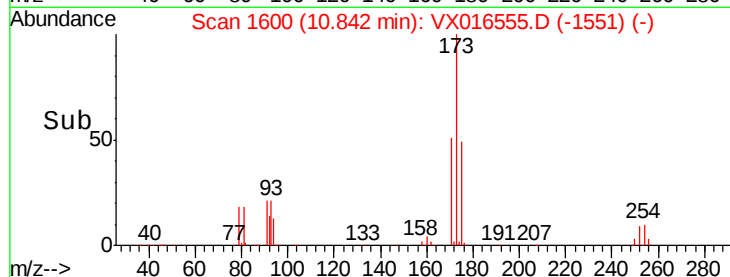
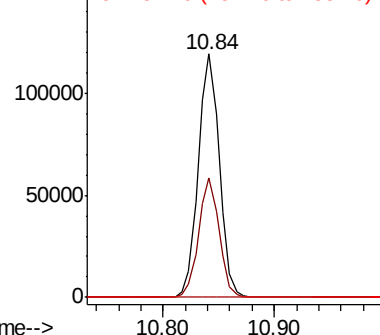
254 0.0 0.1 0.1#



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: VX016555.D

Acq: 02 Jun 2020 16:20

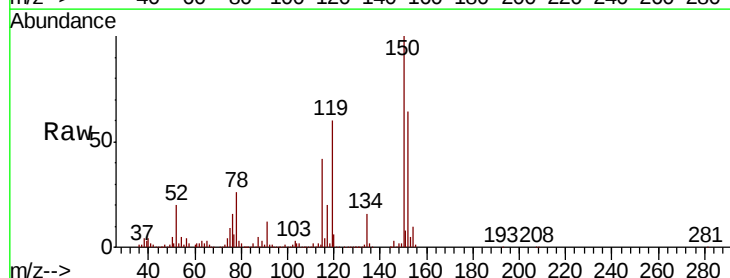
Tgt Ion:152 Resp: 226426

Ion Ratio Lower Upper

152 100

115 81.0 39.9 119.6

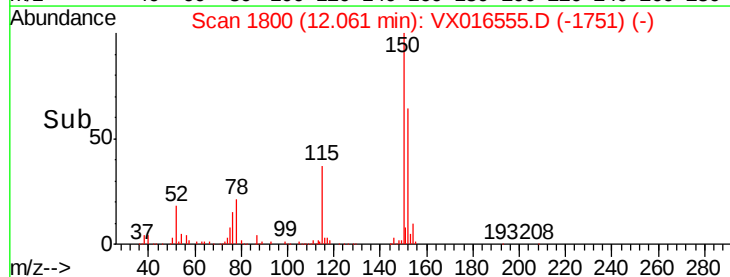
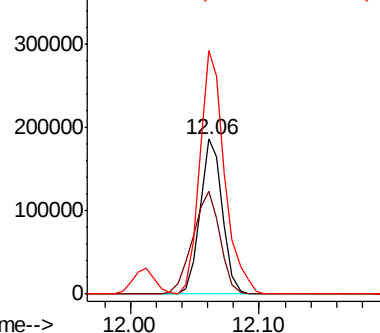
150 173.7 0.0 341.0

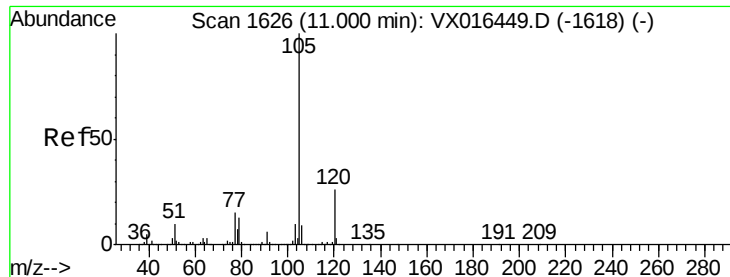


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.961 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

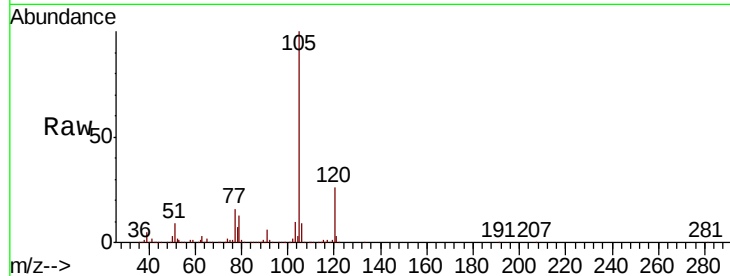
VSTDCCC050EC

Tot Ion: 105 Resp: 799514

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

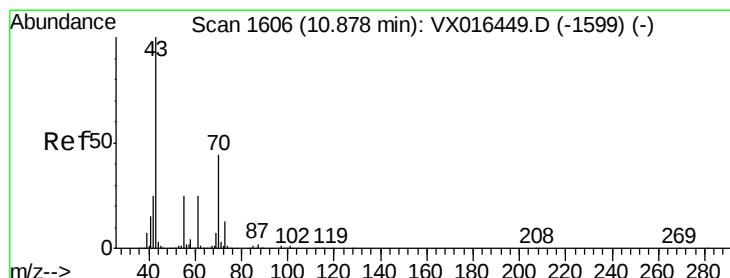
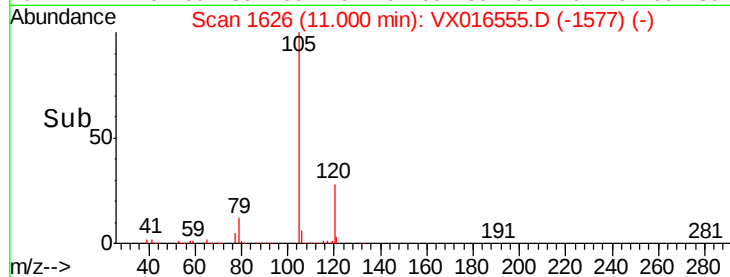
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.579 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion: 43 Resp: 379429

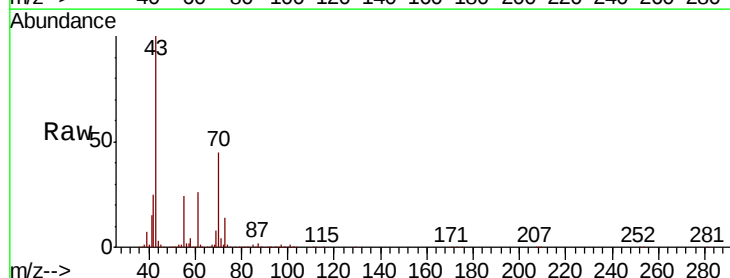
Ion Ratio Lower Upper

43 100

70 45.8 36.1 54.1

55 25.0 20.2 30.4

61 25.6 20.3 30.5



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

500000

400000

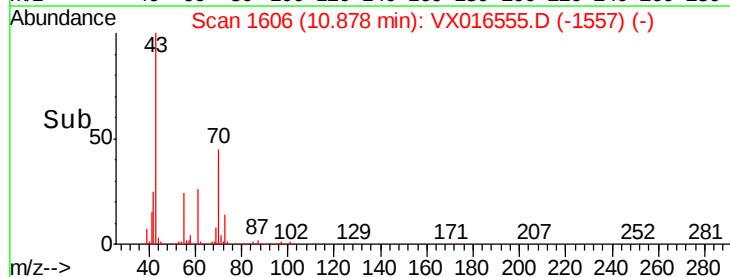
300000

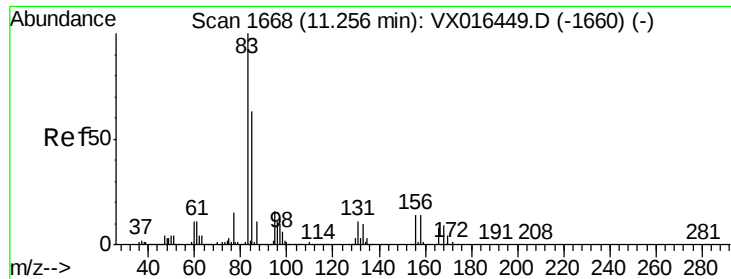
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 58.128 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

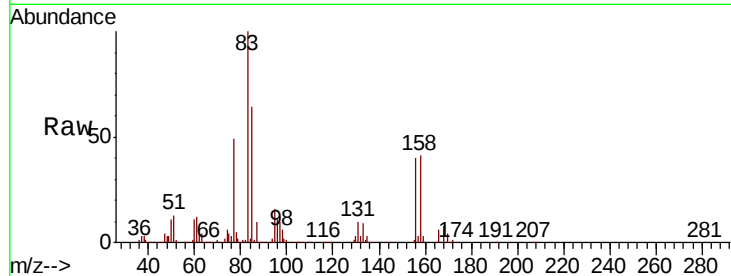
Tot Ion: 83 Resp: 228553

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

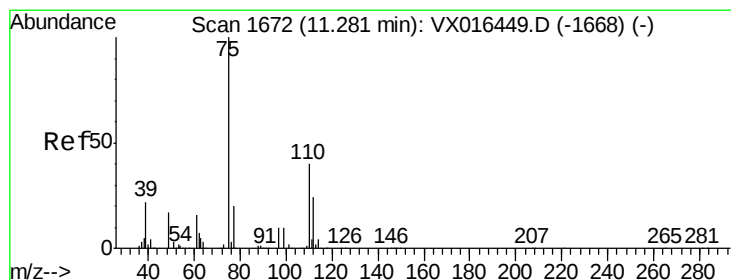
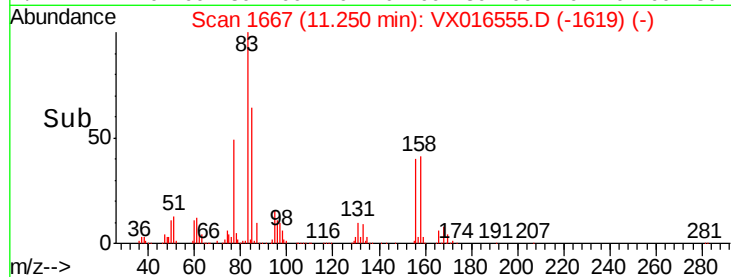
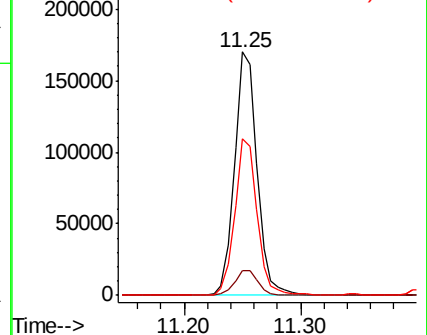
85 64.0 32.0 96.2



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: 68.119 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016555.D

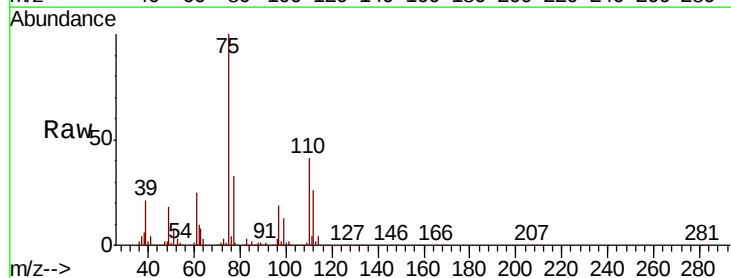
Acq: 02 Jun 2020 16:20

Tgt Ion: 75 Resp: 339026

Ion Ratio Lower Upper

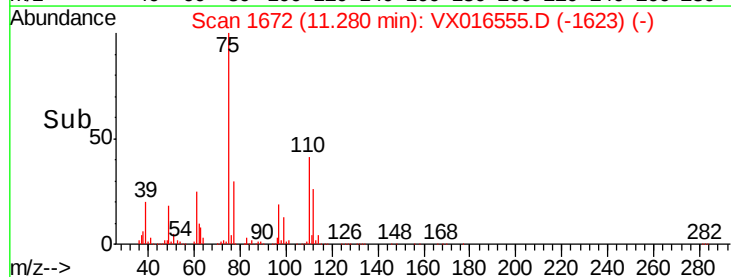
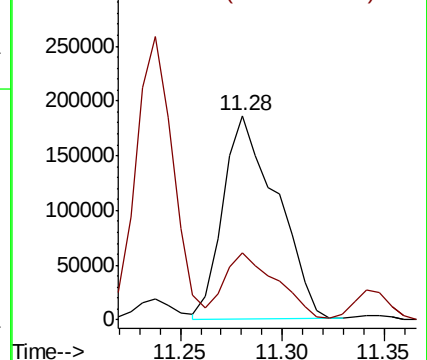
75 100

77 32.4 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.096 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

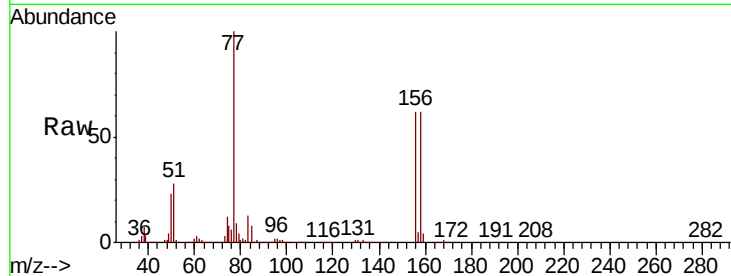
Tot Ion:156 Resp: 206138

Ion Ratio Lower Upper

156 100

77 159.0 79.6 238.8

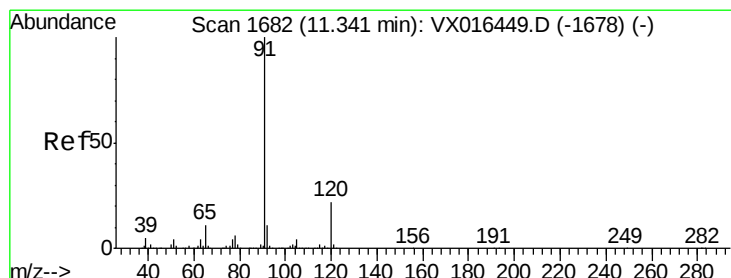
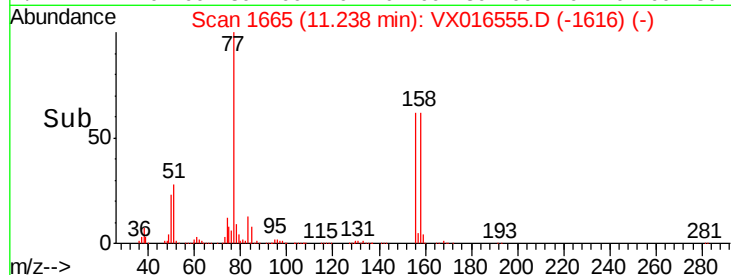
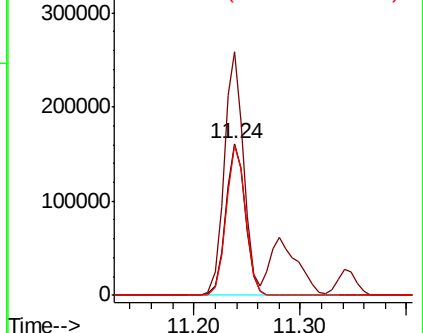
158 98.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.606 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016555.D

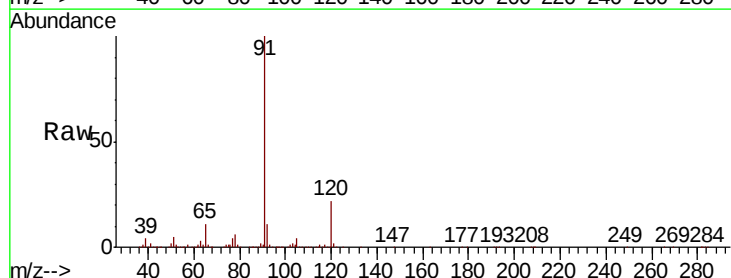
Acq: 02 Jun 2020 16:20

Tgt Ion: 91 Resp: 904525

Ion Ratio Lower Upper

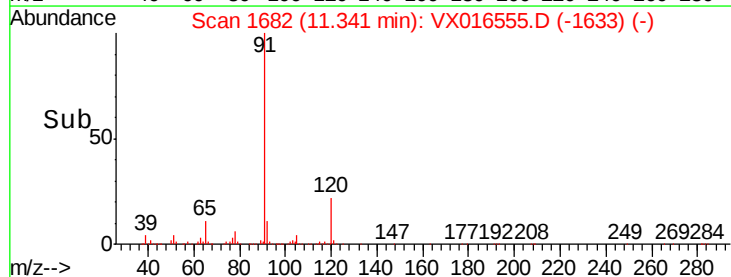
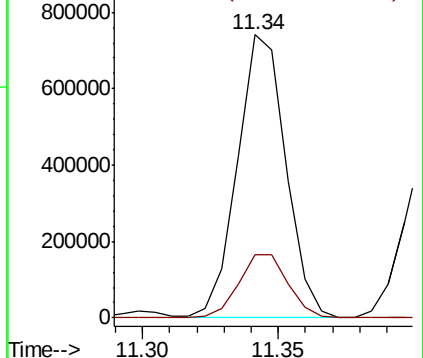
91 100

120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.976 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

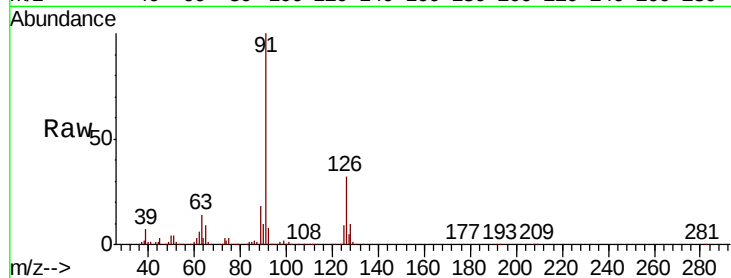
VSTDCCC050EC

Tot Ion: 91 Resp: 545387

Ion Ratio Lower Upper

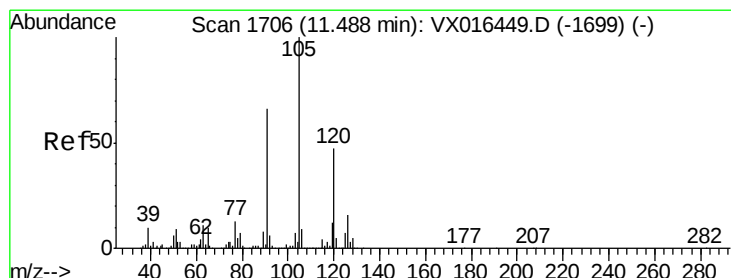
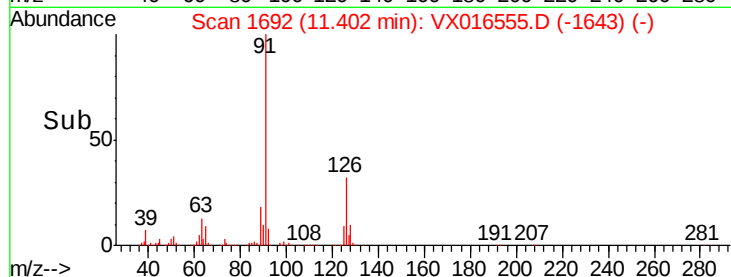
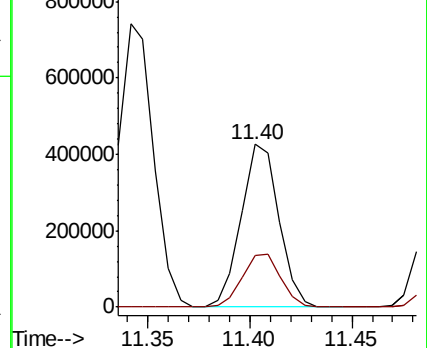
91 100

126 33.4 16.8 50.3



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: 51.585 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016555.D

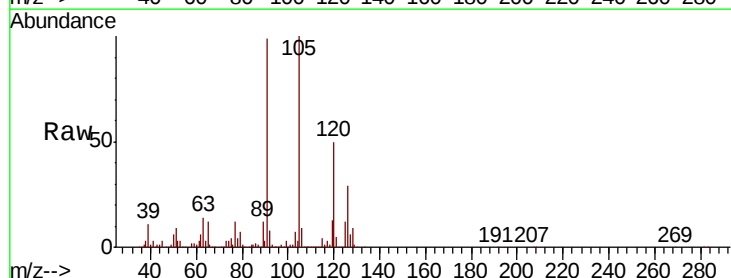
Acq: 02 Jun 2020 16:20

Tgt Ion: 105 Resp: 675751

Ion Ratio Lower Upper

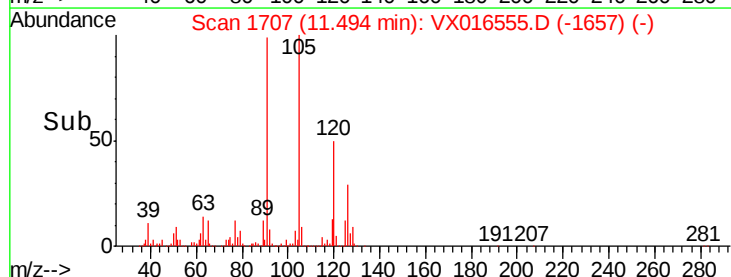
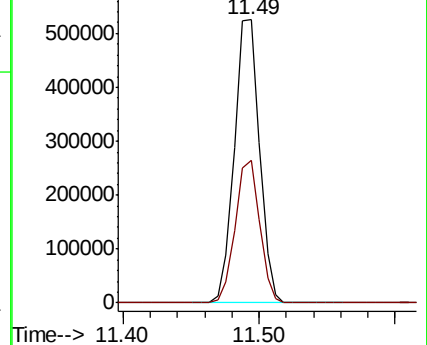
105 100

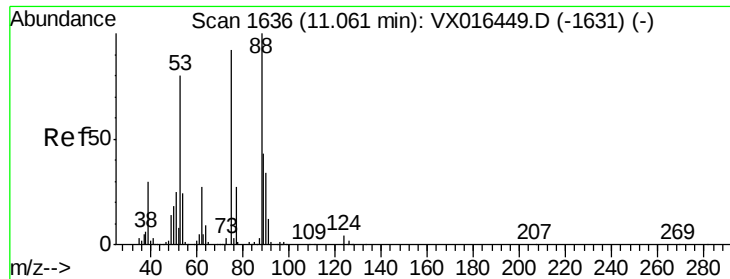
120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

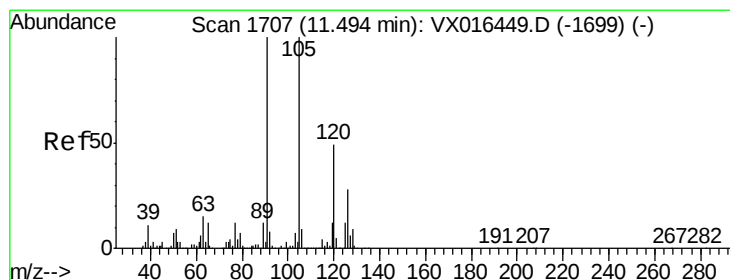
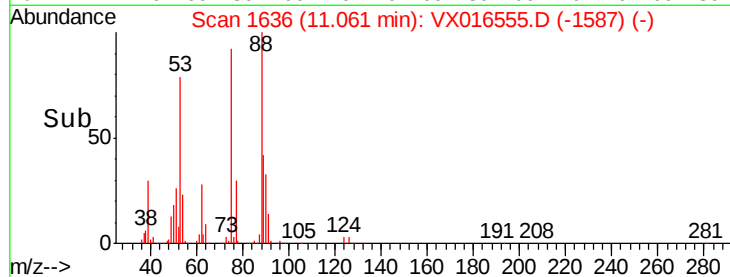
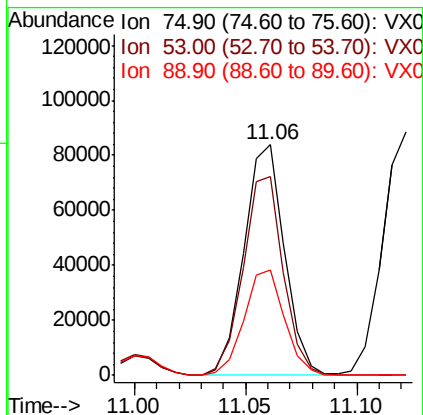
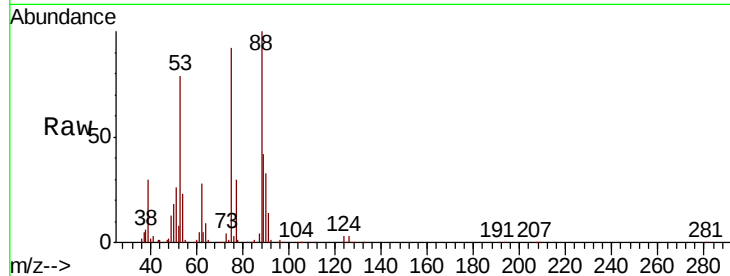




#81
trans-1,4-Dichloro-2-butene
Concen: 52.275 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

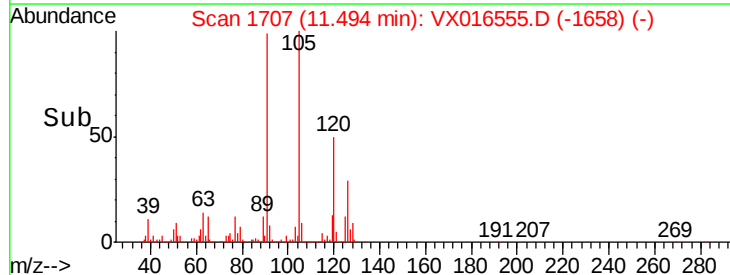
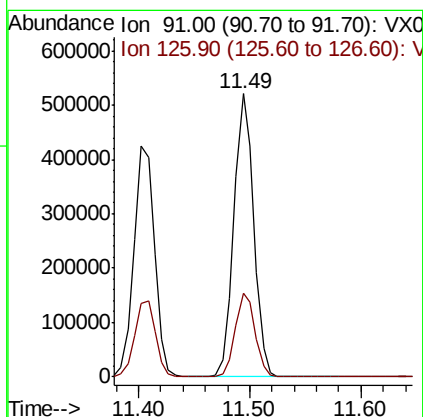
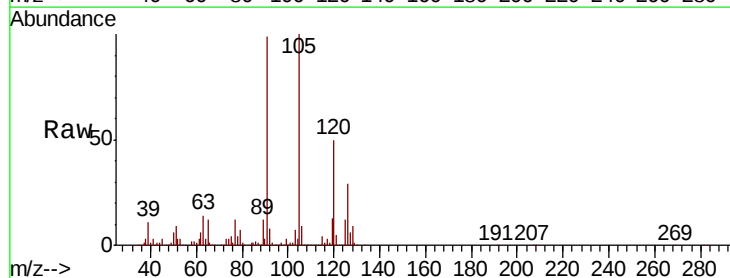
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

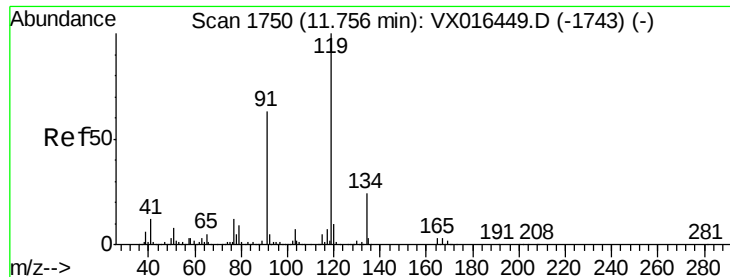
Tot Ion: 75 Resp: 105767
Ion Ratio Lower Upper
75 100
53 86.3 71.3 106.9
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.790 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 91 Resp: 641682
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1

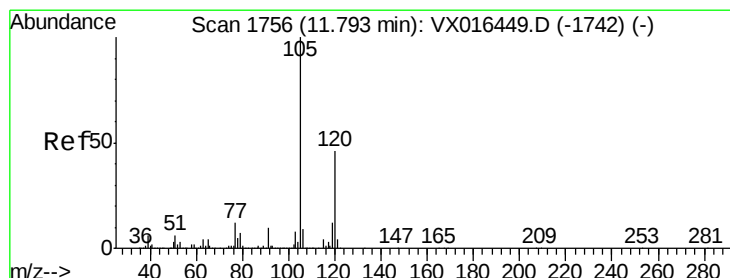
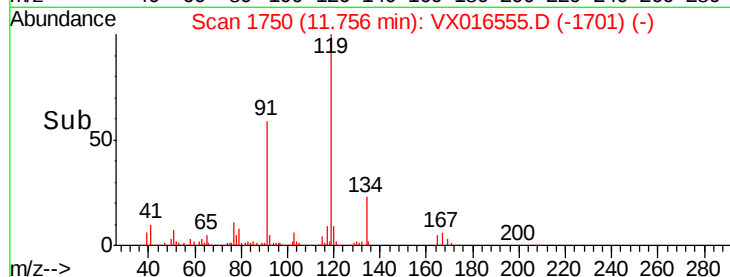
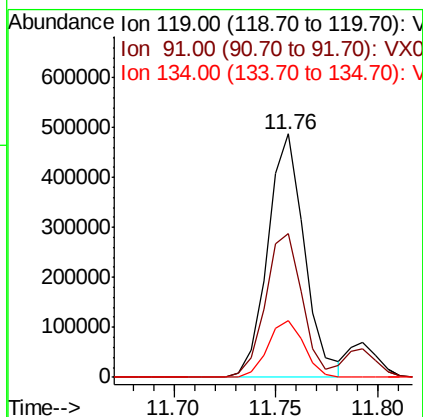
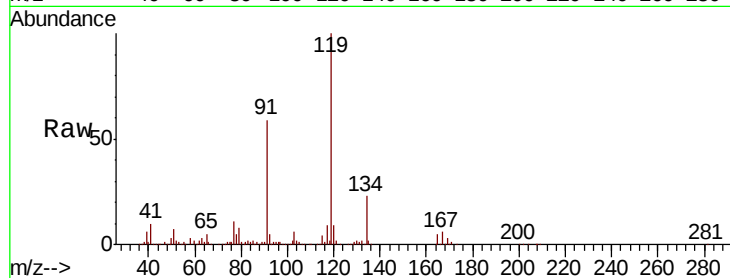




#83
tert-Butylbenzene
Concen: 54.440 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

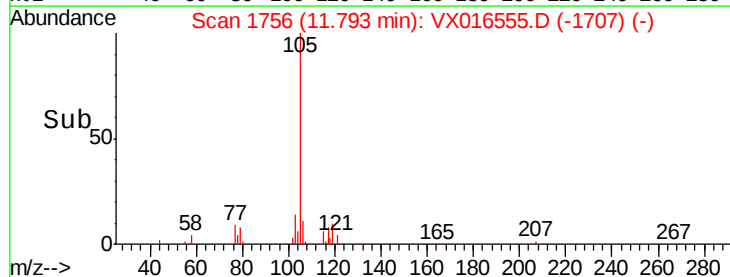
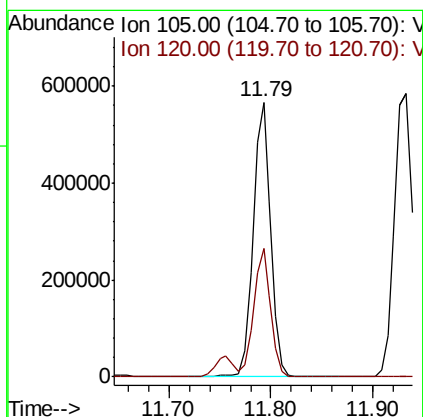
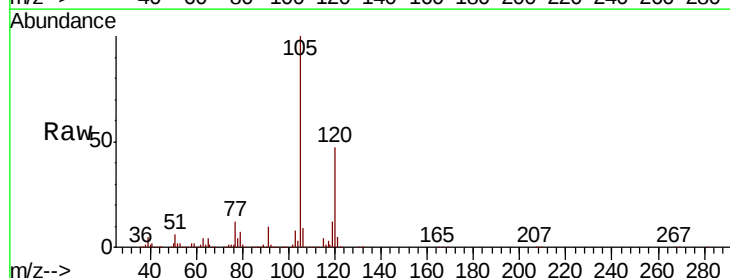
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 609357
Ion Ratio Lower Upper
119 100
91 59.4 31.3 93.8
134 23.1 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 51.282 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion:105 Resp: 679391
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.148 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

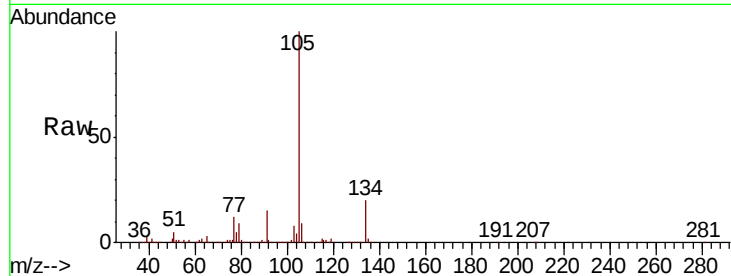
VSTDCCC050EC

Tot Ion:105 Resp: 732238

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

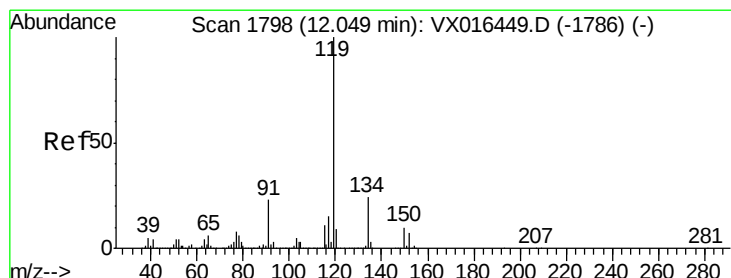
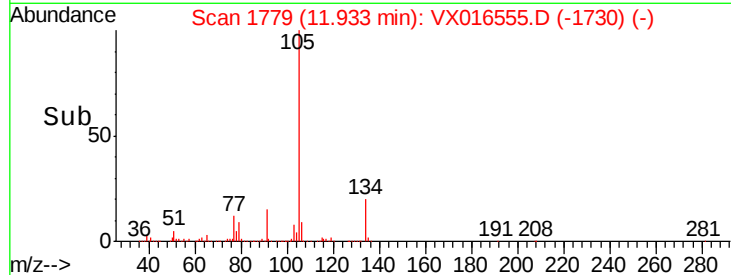
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.915 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

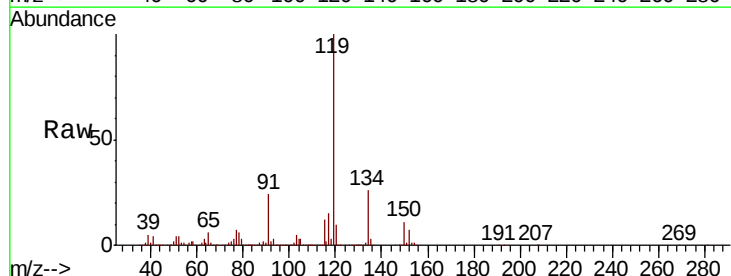
Tgt Ion:119 Resp: 696000

Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.0

91 23.4 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

800000

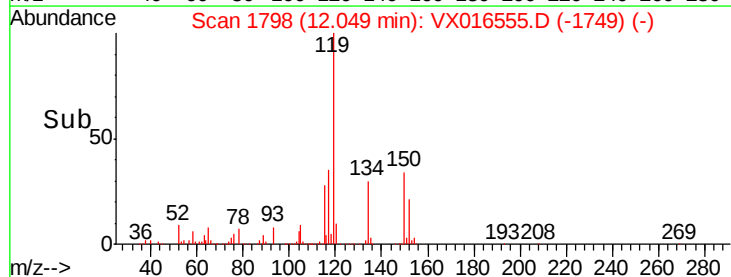
600000

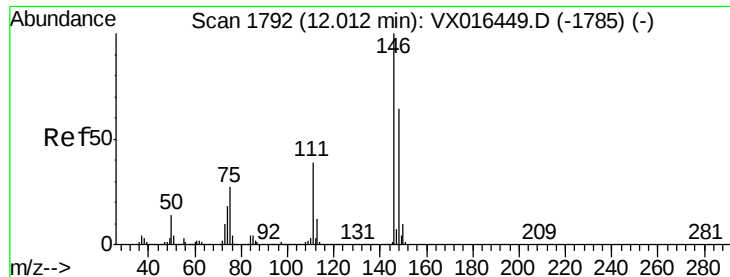
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.008 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

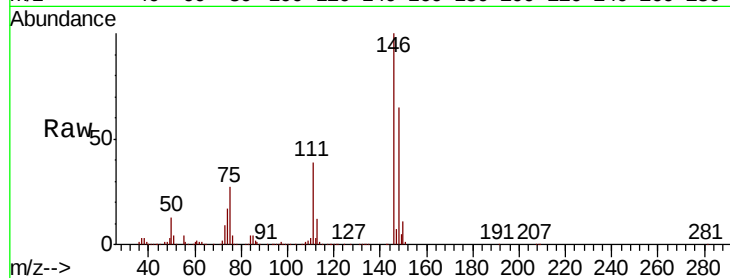
Tot Ion:146 Resp: 363630

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

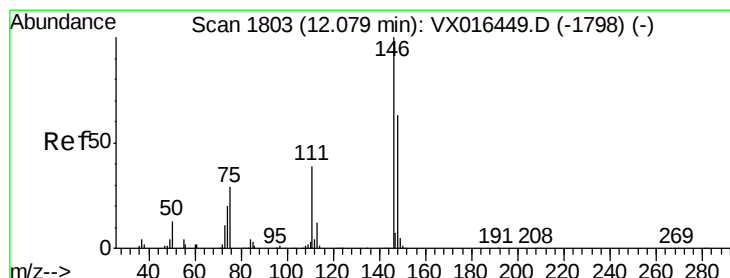
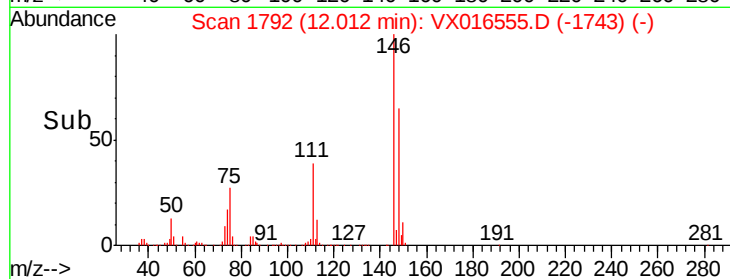
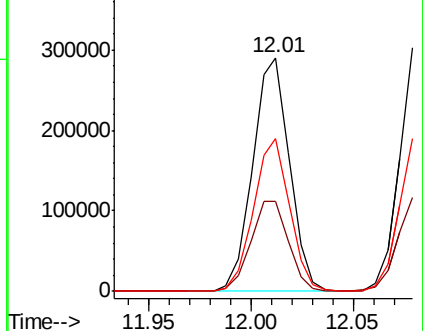
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.129 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

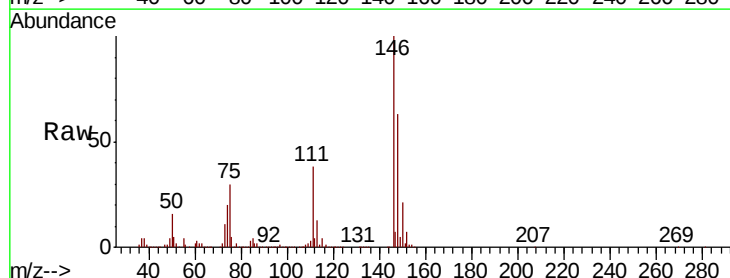
Tgt Ion:146 Resp: 365494

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

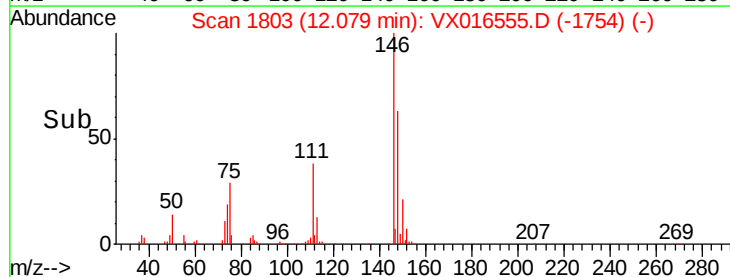
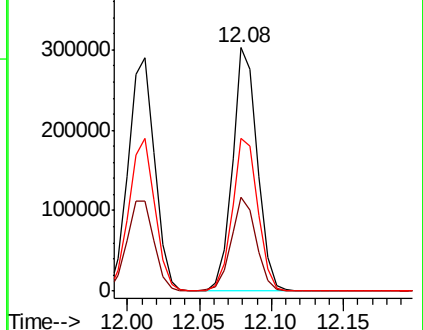
148 64.5 31.4 94.3

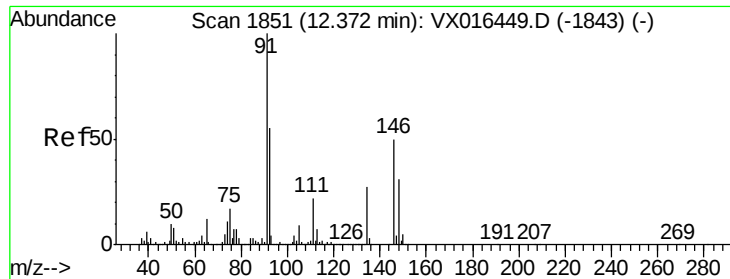


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

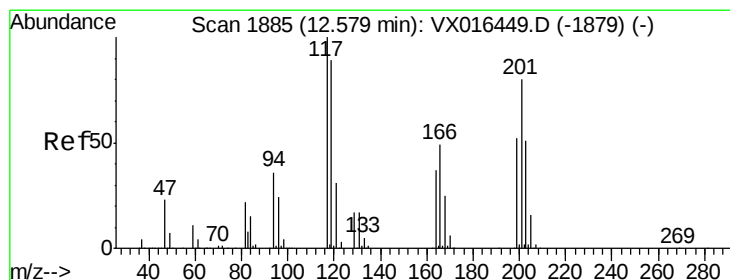
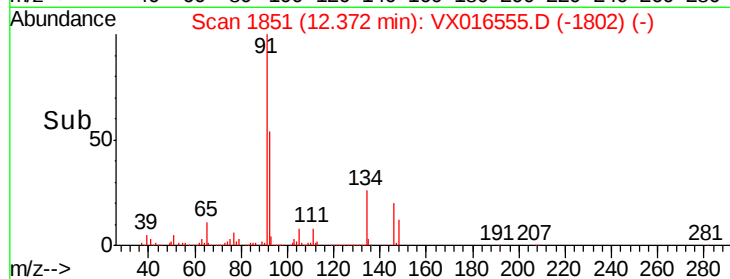
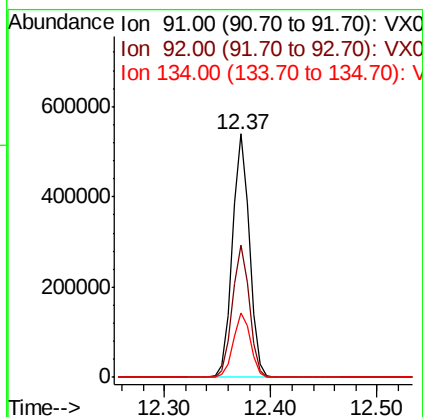
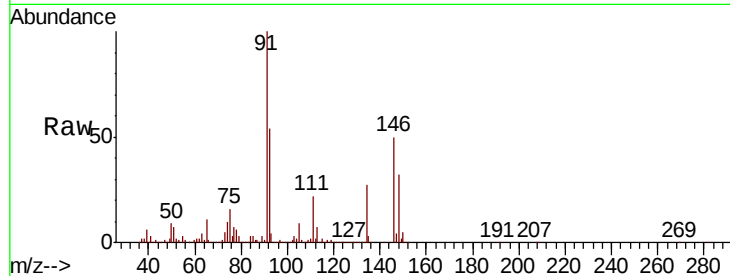




#89
n-Butylbenzene
Concen: 55.234 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

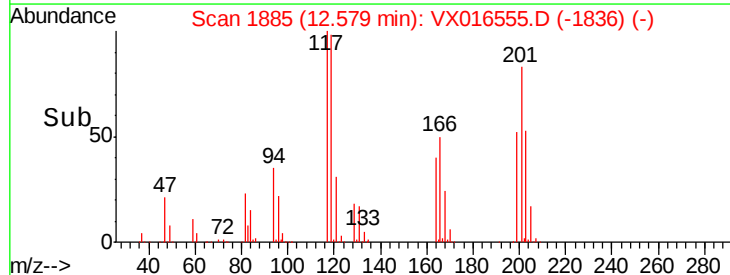
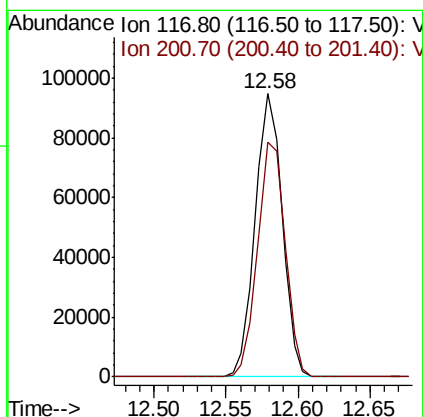
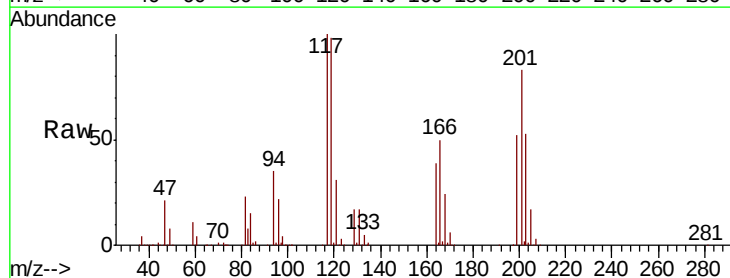
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

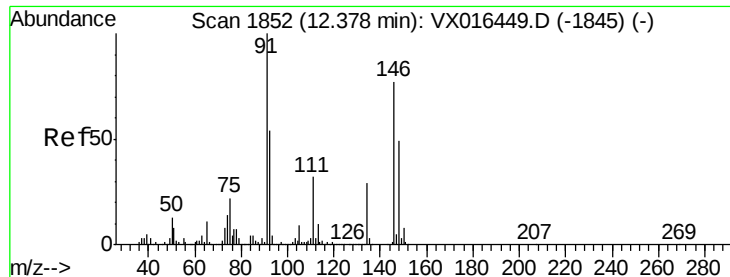
Tot Ion: 91 Resp: 605131
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 26.6 13.1 39.3



#90
Hexachloroethane
Concen: 53.977 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 117 Resp: 122632
Ion Ratio Lower Upper
117 100
201 85.1 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 51.102 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

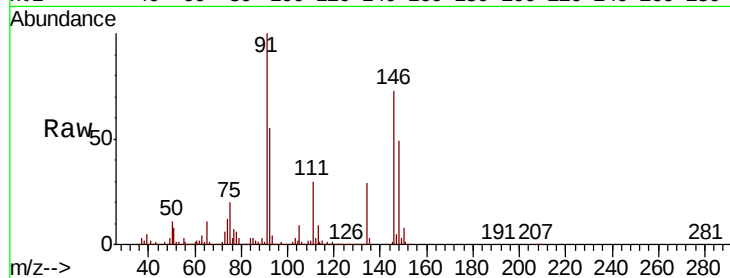
Tot Ion:146 Resp: 352949

Ion Ratio Lower Upper

146 100

111 42.1 21.4 64.3

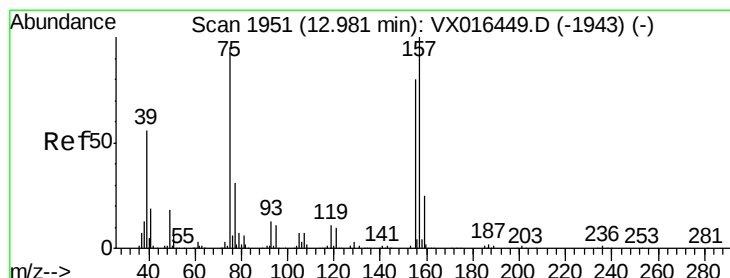
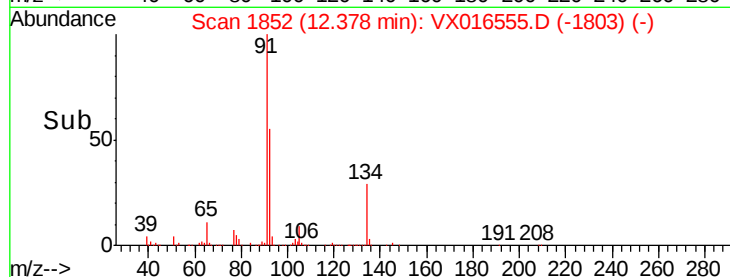
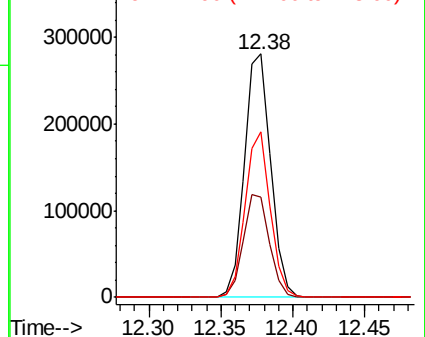
148 65.2 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.765 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

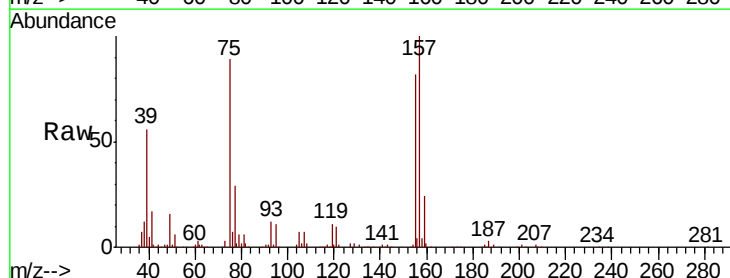
Tgt Ion: 75 Resp: 63379

Ion Ratio Lower Upper

75 100

155 92.4 44.1 132.4

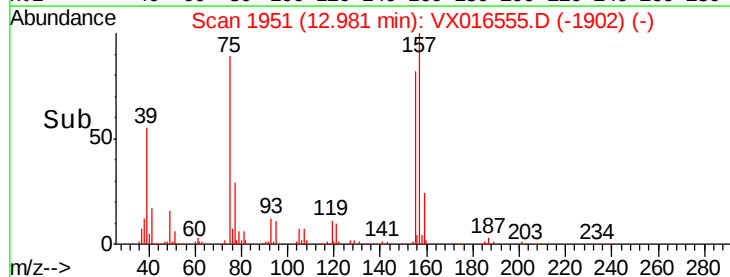
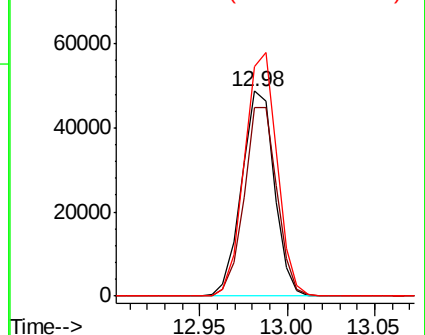
157 118.2 57.8 173.3

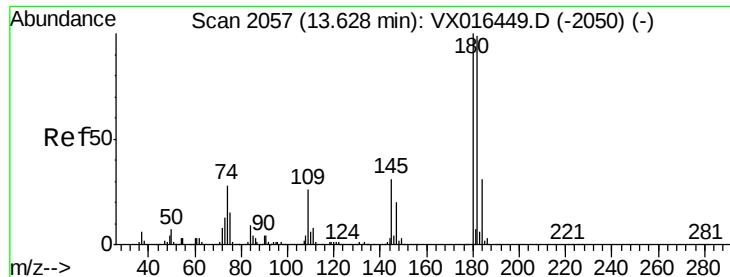


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

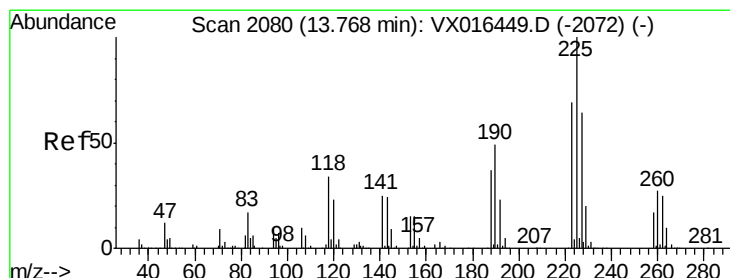
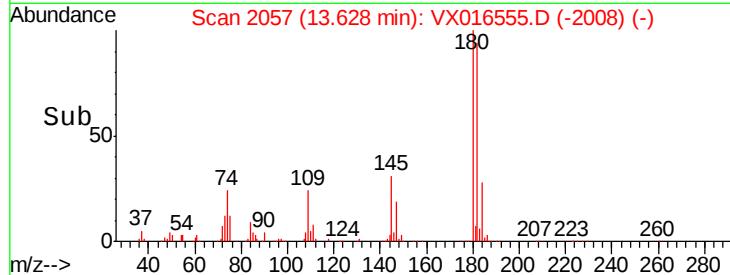
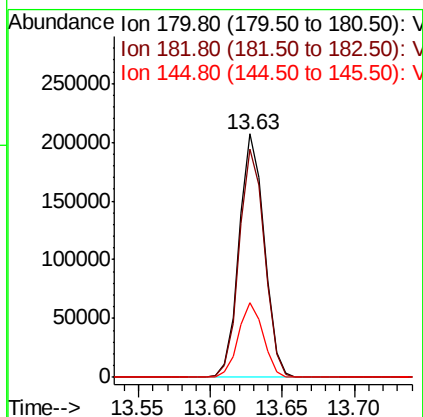
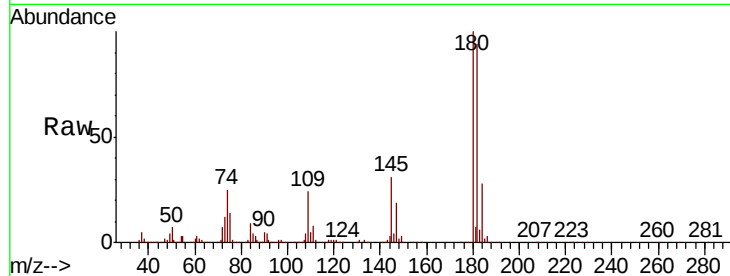




#93
 1,2,4-Trichlorobenzene
 Concen: 54.837 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

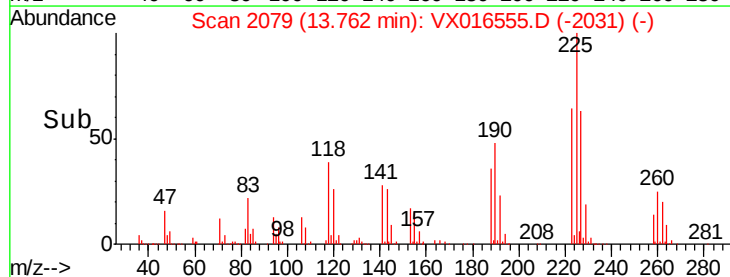
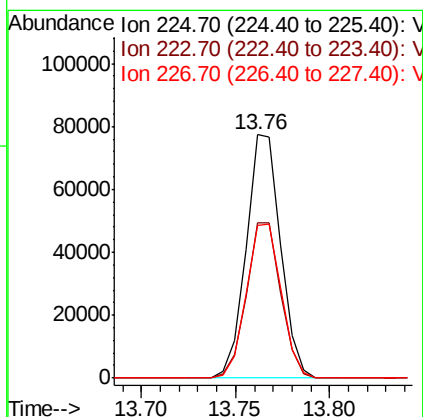
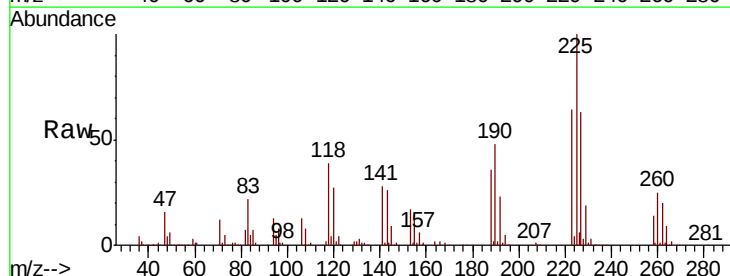
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

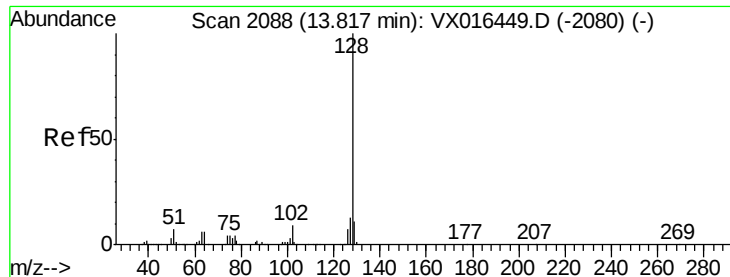
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.3	144.8
145	30.2	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 54.312 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.3	96.8
227	64.3	31.6	94.7





#95

Naphthalene

Concen: 51.789 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

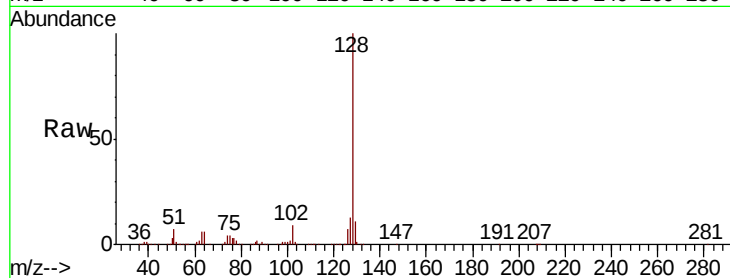
Tot Ion:128 Resp: 814372

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

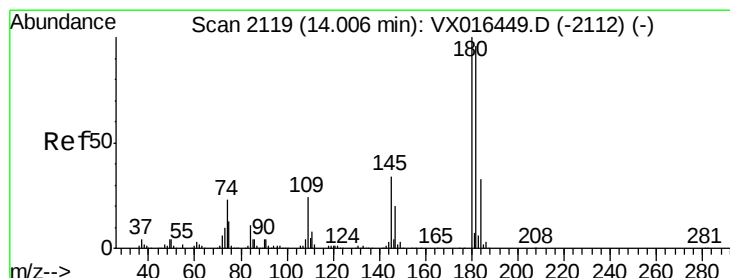
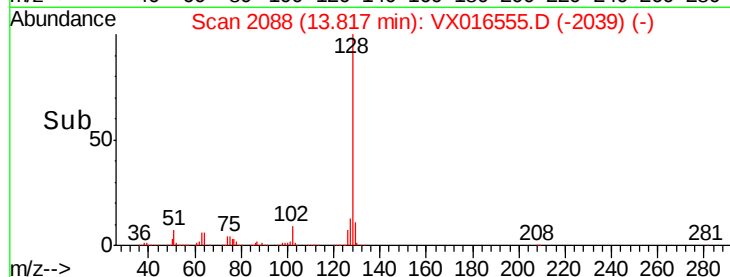
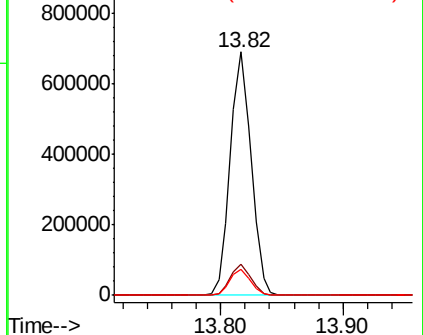
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.216 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

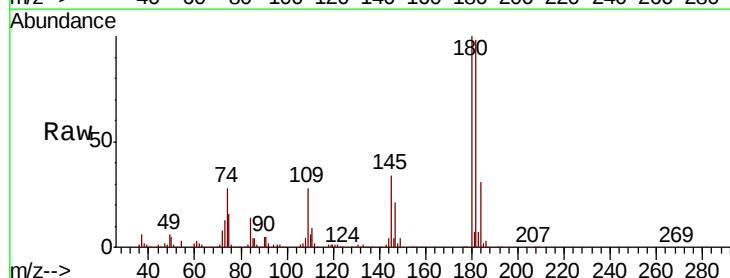
Tgt Ion:180 Resp: 234654

Ion Ratio Lower Upper

180 100

182 97.8 48.6 145.8

145 32.7 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

