

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017384.D
 Acq On : 16 Jul 2020 11:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 00:56:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	364755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	551908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	523319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	288276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	188119	41.09	ug/l	0.00
Spiked Amount			Recovery	=	82.18%	
35) Dibromofluoromethane	5.46	113	156460	42.08	ug/l	0.00
Spiked Amount			Recovery	=	84.16%	
50) Toluene-d8	8.70	98	561875	41.90	ug/l	0.00
Spiked Amount			Recovery	=	83.80%	
62) 4-Bromofluorobenzene	11.12	95	216573	40.66	ug/l	0.00
Spiked Amount			Recovery	=	81.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	162056	52.505	ug/l	98
3) Chloromethane	1.31	50	183314	52.756	ug/l	99
4) Vinyl Chloride	1.39	62	180413	52.484	ug/l	97
5) Bromomethane	1.62	94	98432	43.987	ug/l	97
6) Chloroethane	1.71	64	111472	51.375	ug/l	99
7) Trichlorofluoromethane	1.91	101	271892	46.863	ug/l	98
8) Diethyl Ether	2.17	74	102162	49.814	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150242	45.458	ug/l	98
10) Methyl Iodide	2.49	142	208541	47.722	ug/l	99
11) Tert butyl alcohol	3.01	59	184457	239.149	ug/l	99
12) 1,1-Dichloroethene	2.36	96	149896	45.158	ug/l	93
13) Acrolein	2.27	56	78764	186.286	ug/l	100
14) Allyl chloride	2.70	41	302369	52.571	ug/l	95
15) Acrylonitrile	3.11	53	494173	264.296	ug/l	99
16) Acetone	2.42	43	401257	245.683	ug/l	96
17) Carbon Disulfide	2.55	76	492996	50.912	ug/l	100
18) Methyl Acetate	2.75	43	212108	52.581	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	563632	50.007	ug/l	99
20) Methylene Chloride	2.83	84	200028	50.197	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	192908	50.794	ug/l	95
22) Diisopropyl ether	3.82	45	604763	55.199	ug/l	89
23) Vinyl Acetate	3.78	43	2660345	276.098	ug/l	99
24) 1,1-Dichloroethane	3.67	63	331571	51.495	ug/l	99
25) 2-Butanone	4.63	43	663663	255.840	ug/l	99
26) 2,2-Dichloropropane	4.54	77	267713	44.675	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	205267	49.287	ug/l	98
28) Bromochloromethane	4.98	49	153926	51.749	ug/l	92
29) Tetrahydrofuran	5.09	42	437072	260.290	ug/l	96
30) Chloroform	5.17	83	344698	49.758	ug/l	95
31) Cyclohexane	5.54	56	263946	50.073	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	302413	47.221	ug/l	98
36) 1,1-Dichloropropene	5.76	75	246753	48.607	ug/l	99
37) Ethyl Acetate	4.79	43	263642	50.218	ug/l	99
38) Carbon Tetrachloride	5.75	117	275759	46.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	265668	48.191	ug/l	96
40) Benzene	6.11	78	736873	50.507	ug/l	100
41) Methacrylonitrile	5.00	41	144672	51.331	ug/l	99
42) 1,2-Dichloroethane	6.16	62	275254	48.560	ug/l	100
43) Isopropyl Acetate	6.41	43	413699	49.314	ug/l	99
44) Trichloroethene	7.19	130	205716	46.162	ug/l	99
45) 1,2-Dichloropropane	7.49	63	198212	53.096	ug/l	98
46) Dibromomethane	7.63	93	136285	50.620	ug/l	95
47) Bromodichloromethane	7.87	83	281599	50.029	ug/l	96
48) Methyl methacrylate	7.74	41	211208	52.465	ug/l	99
49) 1,4-Dioxane	7.71	88	88051	1068.809	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1326295	259.286	ug/l	99
52) Toluene	8.76	92	470760	50.282	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	295660	48.757	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	322039	49.792	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	199366	51.067	ug/l	98
56) Ethyl methacrylate	9.16	69	285373	51.487	ug/l	99
57) 1,3-Dichloropropane	9.35	76	325777	50.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	715133	254.107	ug/l	97
59) 2-Hexanone	9.47	43	988507	256.042	ug/l	98
60) Dibromochloromethane	9.57	129	228282	47.864	ug/l	99
61) 1,2-Dibromoethane	9.65	107	211784	49.867	ug/l	99
64) Tetrachloroethene	9.32	164	209813	46.322	ug/l	97
65) Chlorobenzene	10.12	112	510715	48.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	198756	46.941	ug/l	98
67) Ethyl Benzene	10.23	91	868757	49.070	ug/l	97
68) m/p-Xylenes	10.34	106	676248	100.391	ug/l	98
69) o-Xylene	10.68	106	317138	49.271	ug/l	98
70) Styrene	10.70	104	578722	52.378	ug/l	97
71) Bromoform	10.84	173	173093	48.446	ug/l #	98
73) Isopropylbenzene	11.00	105	849369	47.002	ug/l	99
74) N-amyl acetate	10.88	43	374269	51.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	278270	50.716	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	345540	64.868	ug/l	85
77) Bromobenzene	11.24	156	228650	44.425	ug/l	92
78) n-propylbenzene	11.34	91	1000484	49.296	ug/l	100
79) 2-Chlorotoluene	11.40	91	597272	47.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	738175	48.121	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	99852	47.552	ug/l	97
82) 4-Chlorotoluene	11.49	91	721589	48.683	ug/l	100
83) tert-Butylbenzene	11.76	119	694101	46.808	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	757934	48.907	ug/l	99
85) sec-Butylbenzene	11.93	105	843238	48.572	ug/l	99
86) p-Isopropyltoluene	12.05	119	799994	48.701	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	421180	45.744	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	424603	45.646	ug/l	99
89) n-Butylbenzene	12.37	91	699251	49.913	ug/l	99
90) Hexachloroethane	12.58	117	152991	49.058	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	403436	46.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61931	42.776	ug/l	96

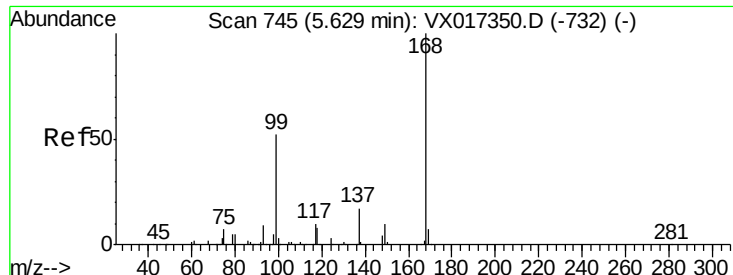
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	268083	44.634	ug/l	97
94) Hexachlorobutadiene	13.76	225	113811	46.464	ug/l	98
95) Naphthalene	13.82	128	841812	47.668	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	267401	46.088	ug/l	96

(#) = 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: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

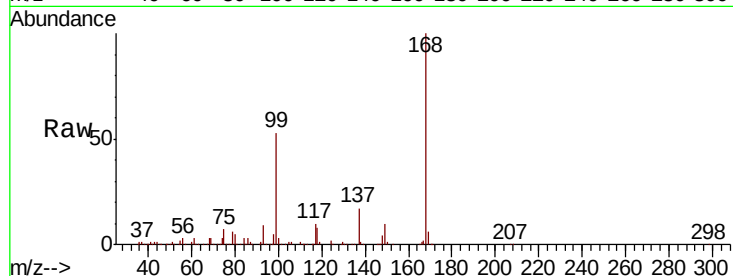
VSTDCCC050

Tot Ion:168 Resp: 364755

Ion Ratio Lower Upper

168 100

99 53.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

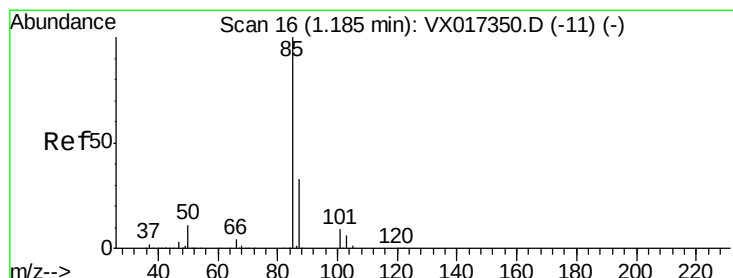
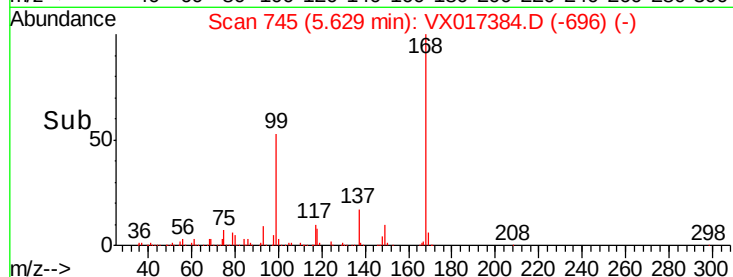
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.505 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017384.D

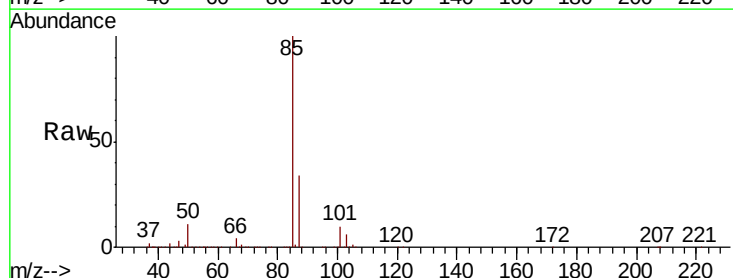
Acq: 16 Jul 2020 11:39

Tgt Ion: 85 Resp: 162056

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

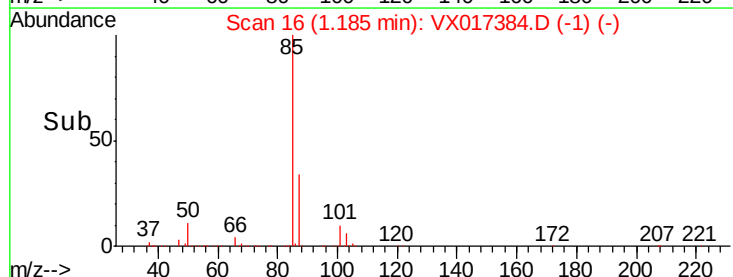
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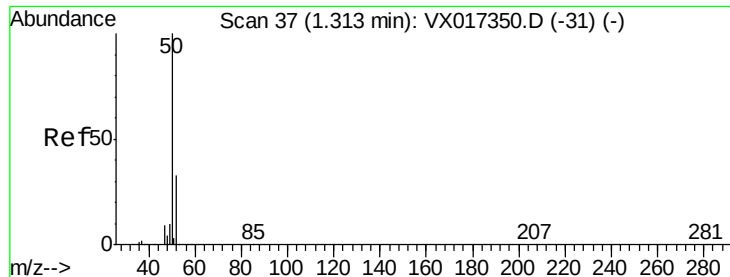
100000

50000

0

Time-->





#3

Chloromethane

Concen: 52.756 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

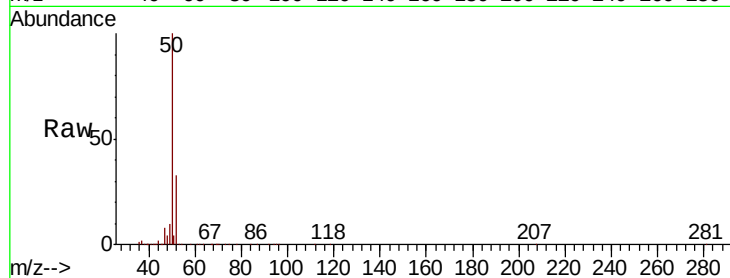
VSTDCCC050

Tot Ion: 50 Resp: 183314

Ion Ratio Lower Upper

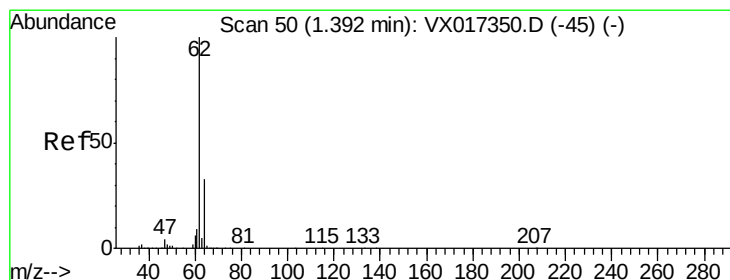
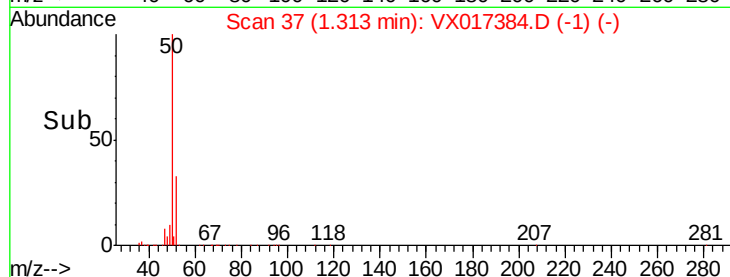
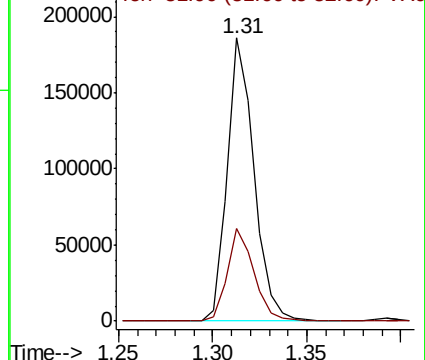
50 100

52 32.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.484 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017384.D

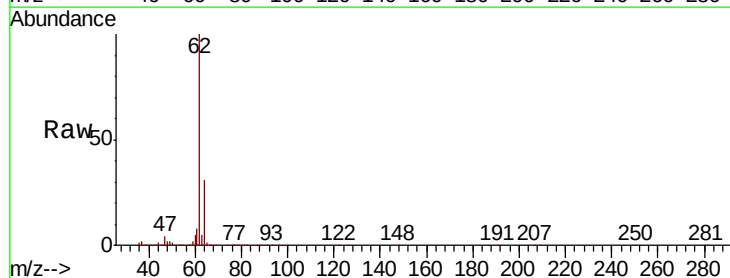
Acq: 16 Jul 2020 11:39

Tgt Ion: 62 Resp: 180413

Ion Ratio Lower Upper

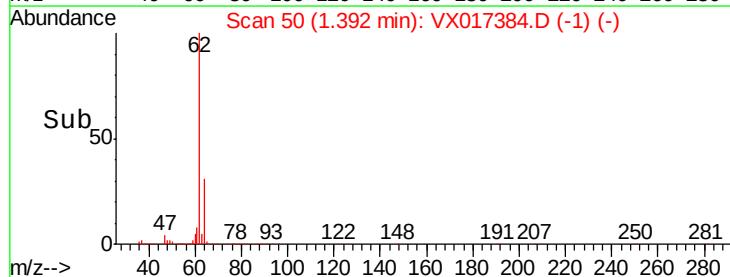
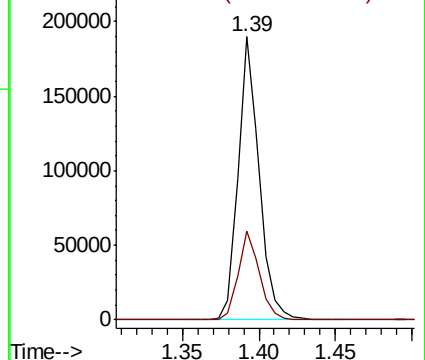
62 100

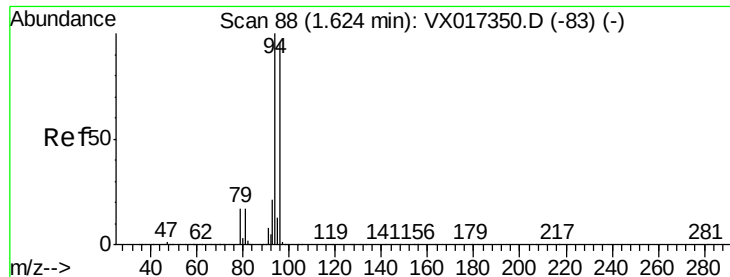
64 31.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.987 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

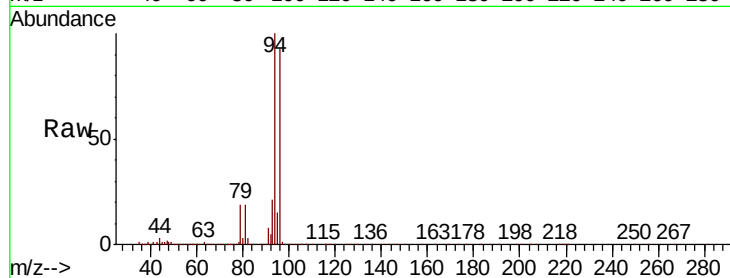
VSTDCCC050

Tot Ion: 94 Resp: 98432

Ion Ratio Lower Upper

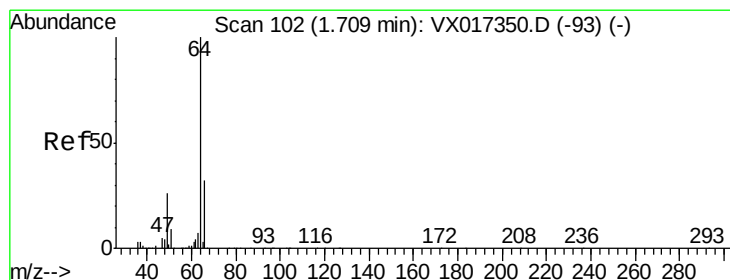
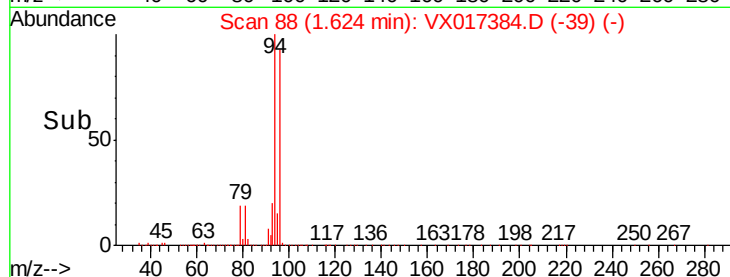
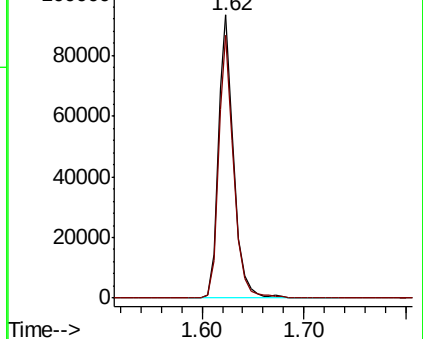
94 100

96 93.0 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.375 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017384.D

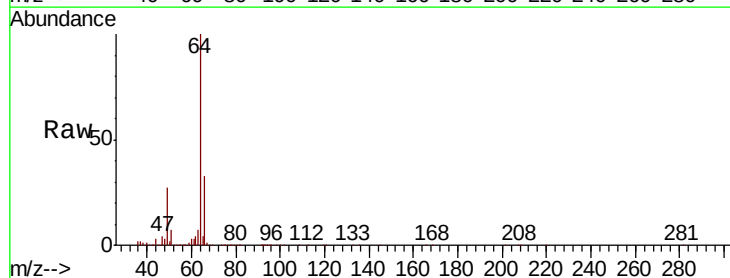
Acq: 16 Jul 2020 11:39

Tgt Ion: 64 Resp: 111472

Ion Ratio Lower Upper

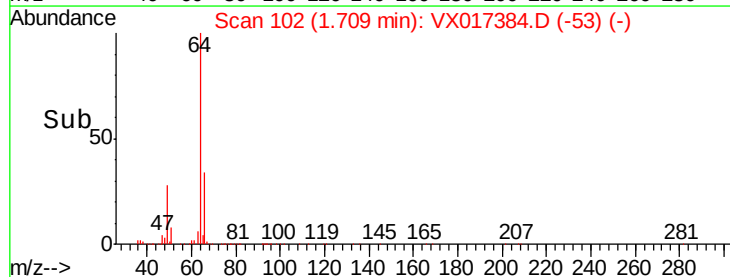
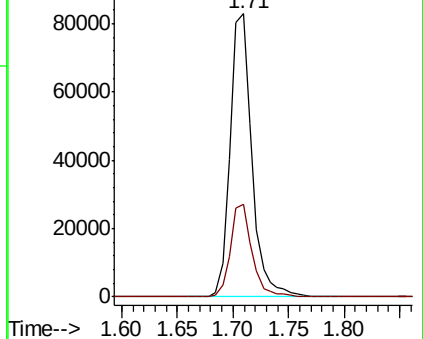
64 100

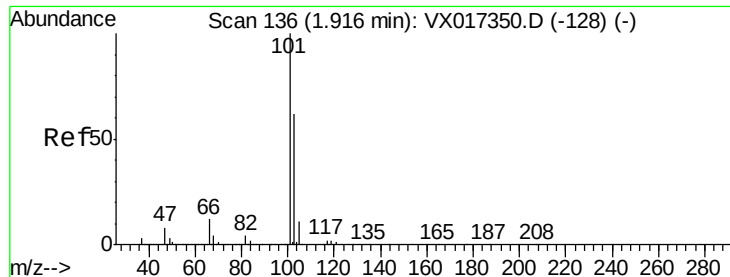
66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



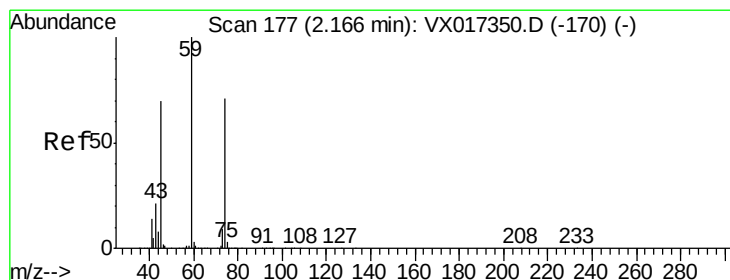
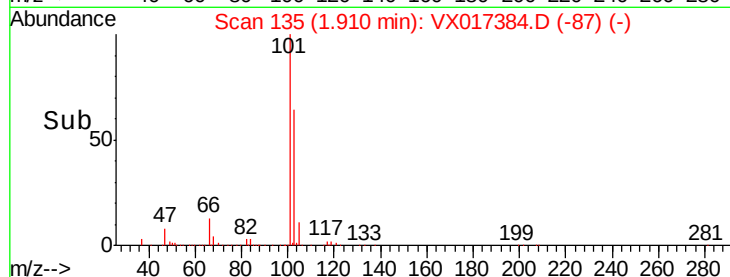
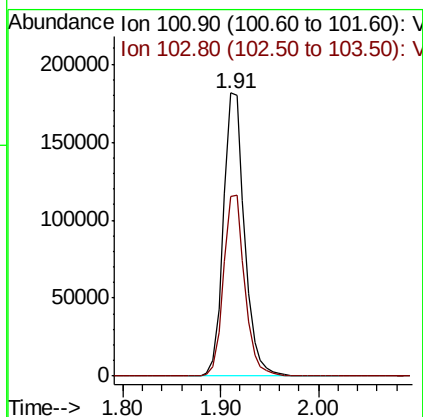
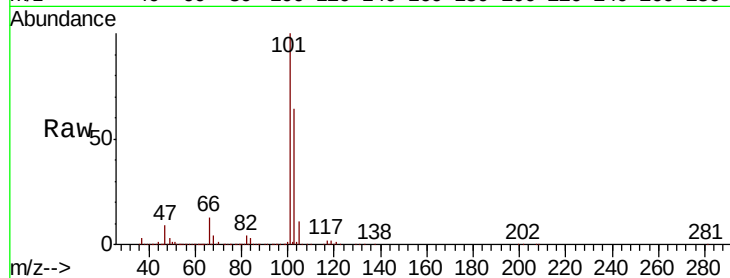


#7

Trichlorofluoromethane
Concen: 46.863 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017384.D
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VSTDCCC050

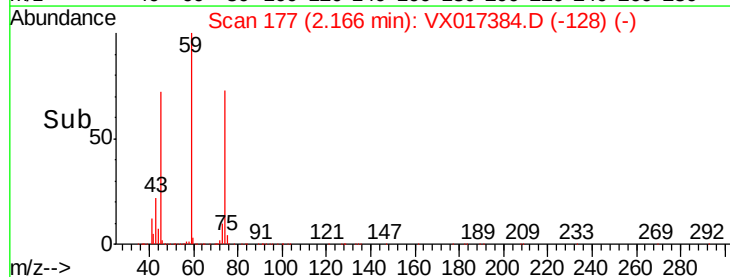
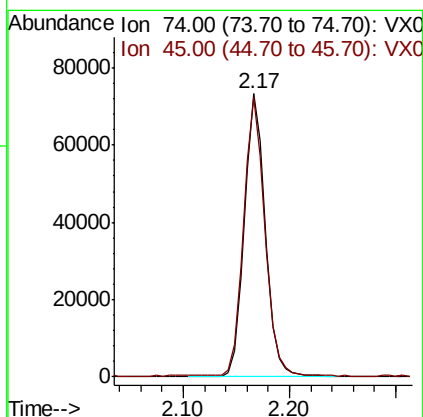
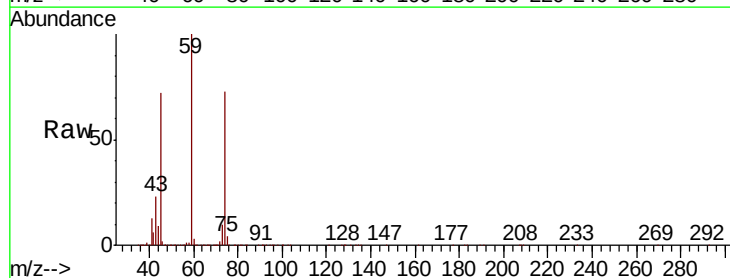
Tot Ion:101 Resp: 271892
Ion Ratio Lower Upper
101 100
103 63.6 49.6 74.4

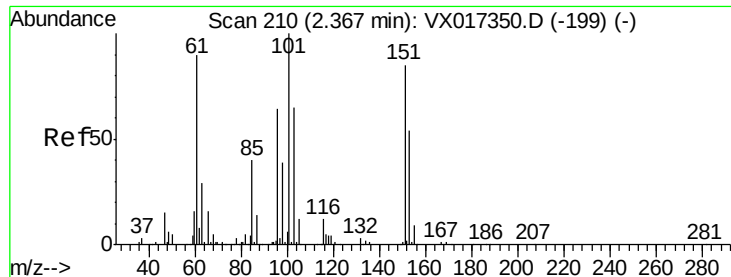


#8

Diethyl Ether
Concen: 49.814 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 74 Resp: 102162
Ion Ratio Lower Upper
74 100
45 99.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.458 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

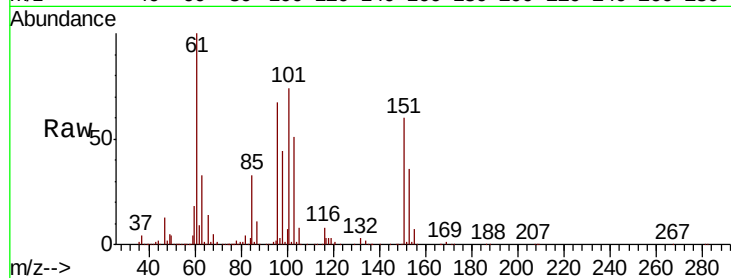
Tot Ion:101 Resp: 150242

Ion Ratio Lower Upper

101 100

85 43.5 33.7 50.5

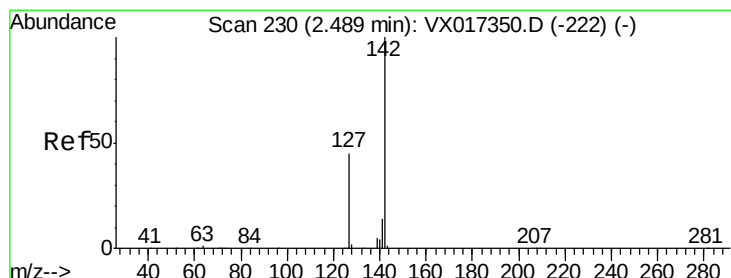
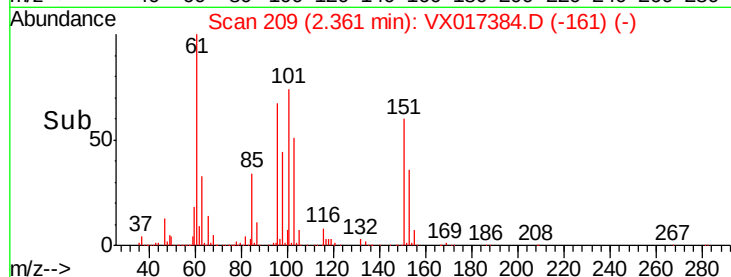
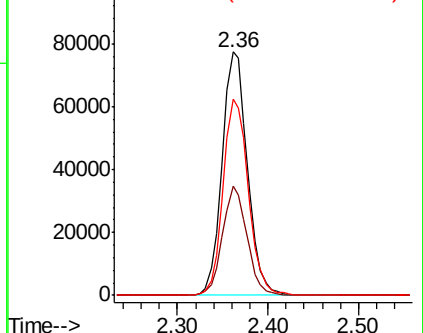
151 80.7 66.4 99.6



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: 47.722 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

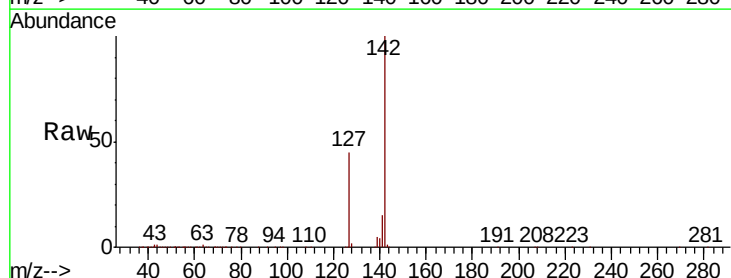
Tgt Ion:142 Resp: 208541

Ion Ratio Lower Upper

142 100

127 45.4 36.8 55.2

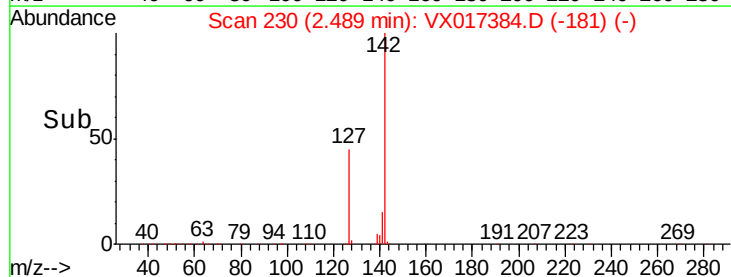
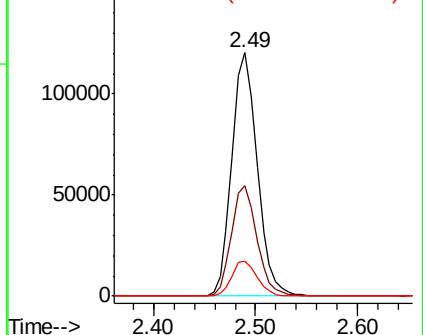
141 14.5 11.4 17.0

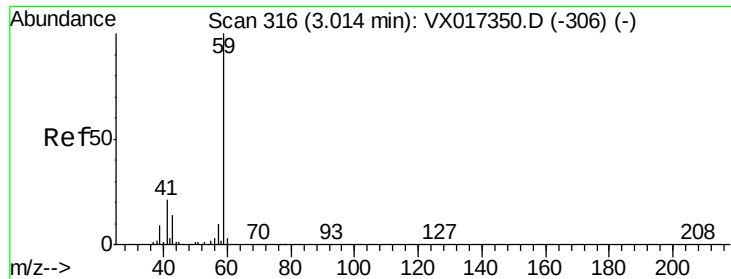


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



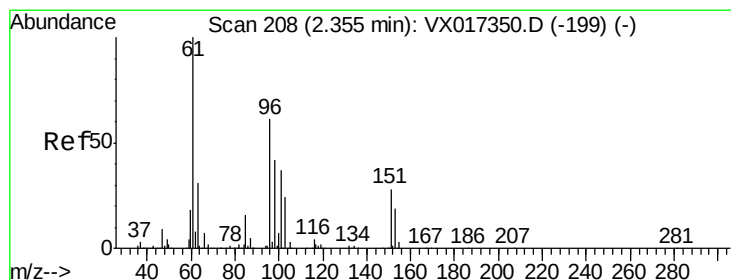
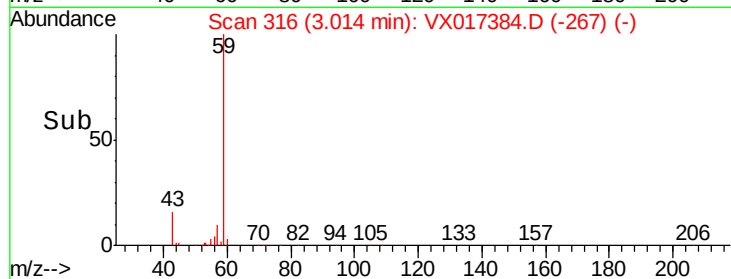
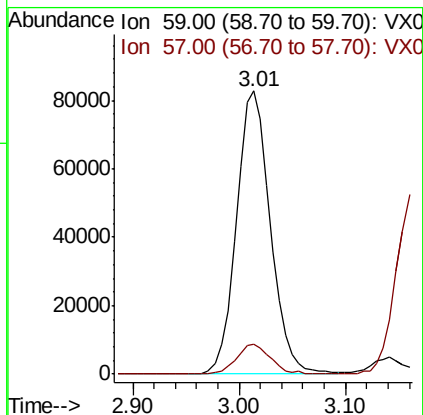
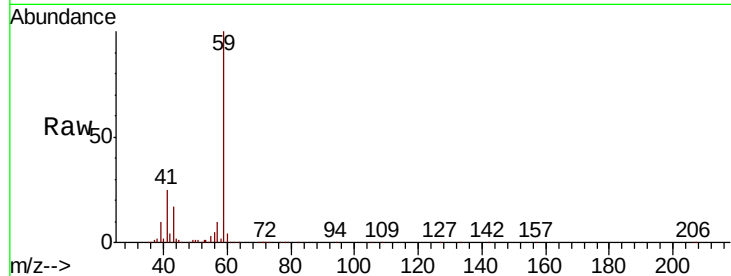


#11

Tert butyl alcohol
 Concen: 239.149 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

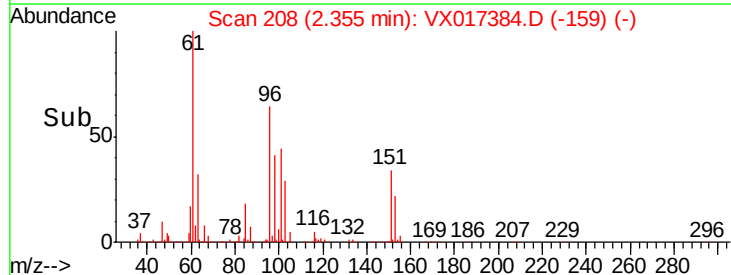
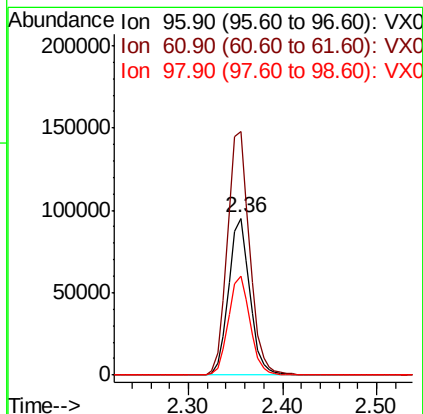
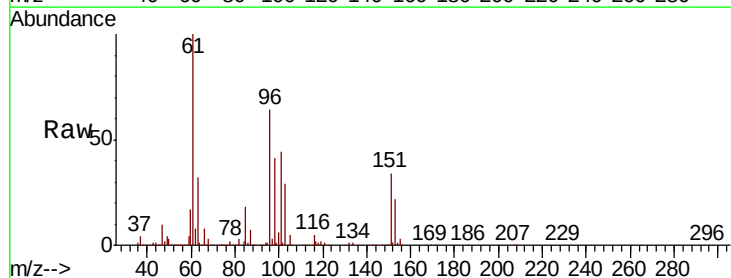
Tot Ion: 59 Resp: 184457
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

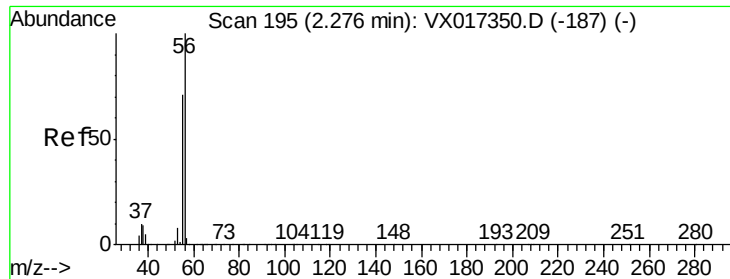


#12

1,1-Dichloroethene
 Concen: 45.158 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion: 96 Resp: 149896
 Ion Ratio Lower Upper
 96 100
 61 155.3 131.5 197.3
 98 63.1 55.1 82.7





#13

Acrolein

Concen: 186.286 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

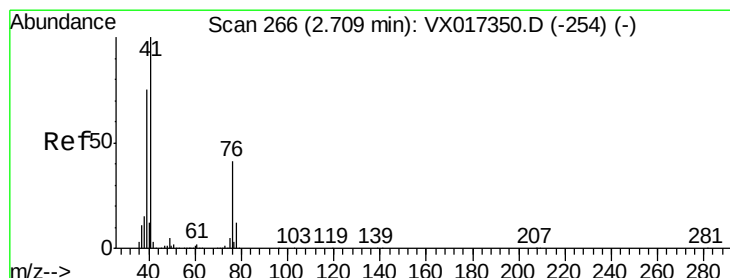
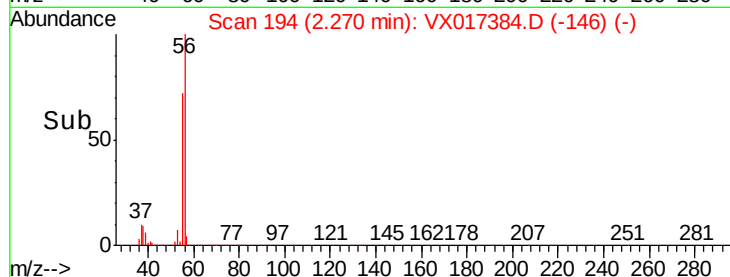
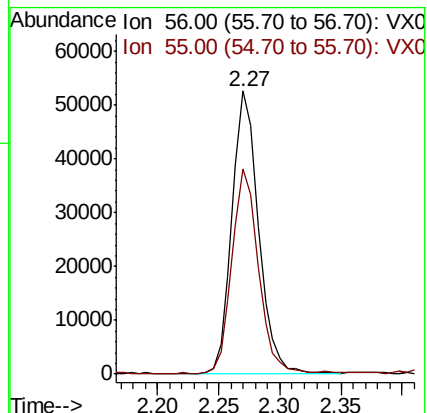
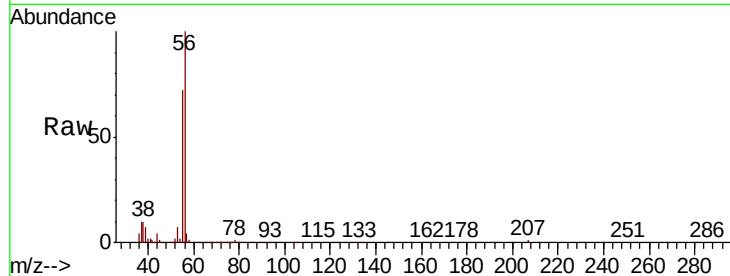
VSTDCCC050

Tot Ion: 56 Resp: 78764

Ion Ratio Lower Upper

56 100

55 71.6 57.1 85.7



#14

Allyl chloride

Concen: 52.571 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

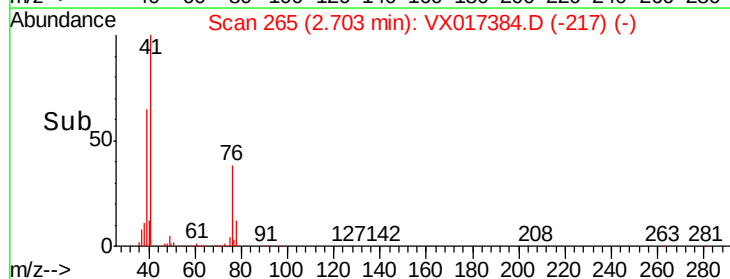
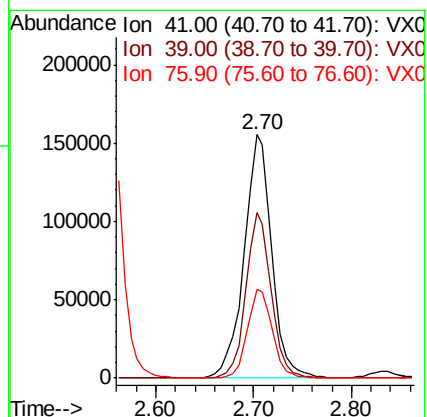
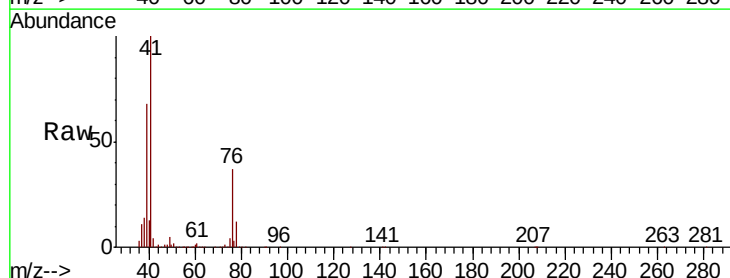
Tgt Ion: 41 Resp: 302369

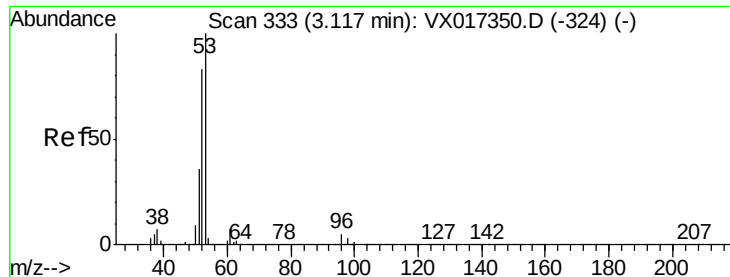
Ion Ratio Lower Upper

41 100

39 62.1 53.0 79.4

76 33.2 28.2 42.2

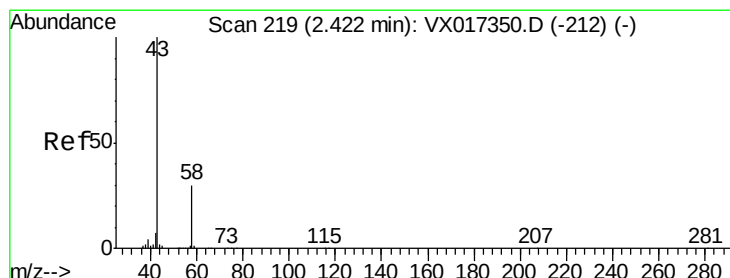
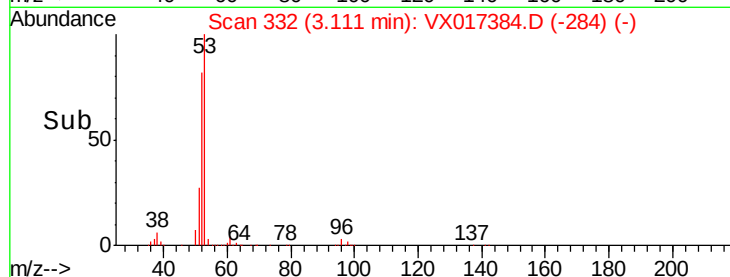
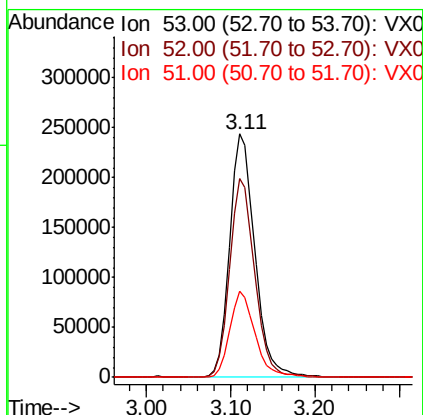
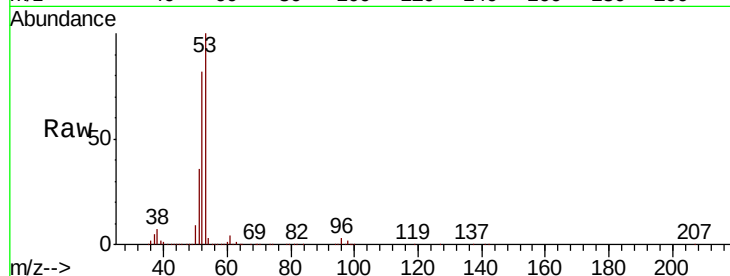




#15
 Acrylonitrile
 Concen: 264.296 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

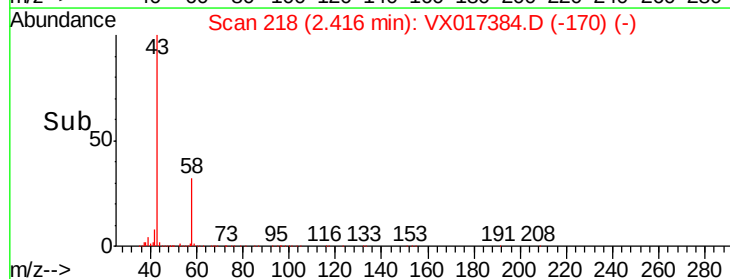
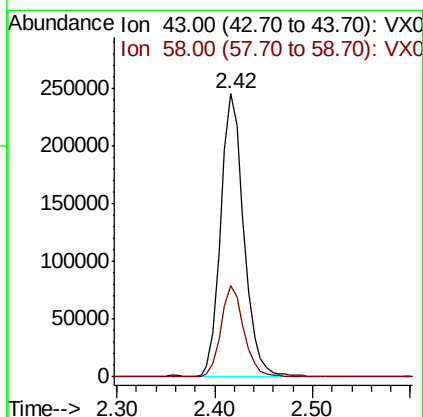
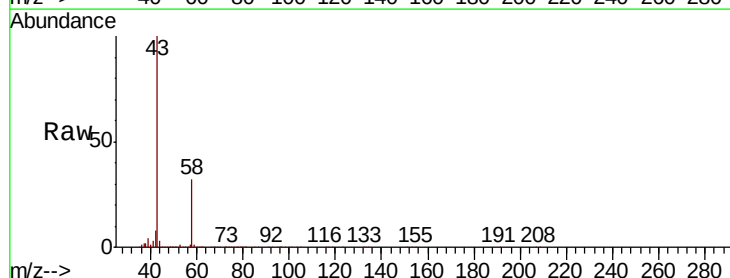
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

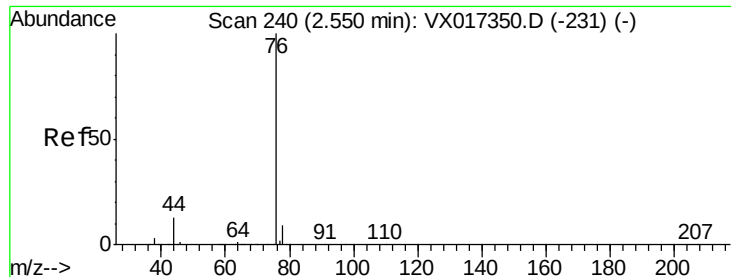
Tot Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.8	98.6
51	35.5	29.2	43.8



#16
 Acetone
 Concen: 245.683 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.2	36.2





#17

Carbon Disulfide

Concen: 50.912 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

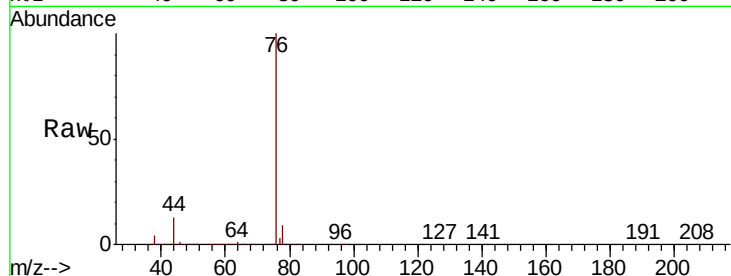
VSTDCCC050

Tot Ion: 76 Resp: 492996

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

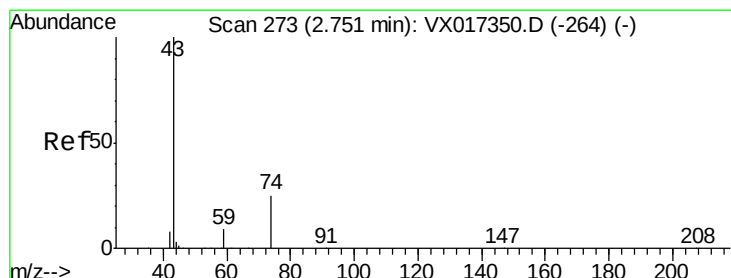
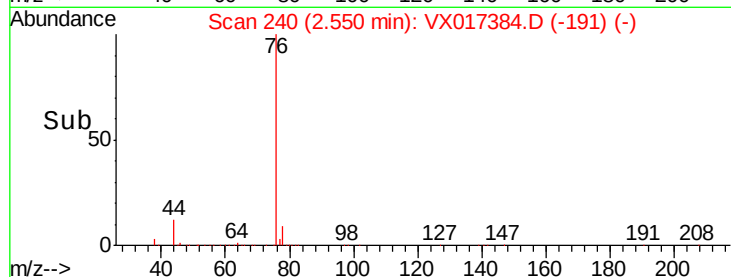
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 52.581 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017384.D

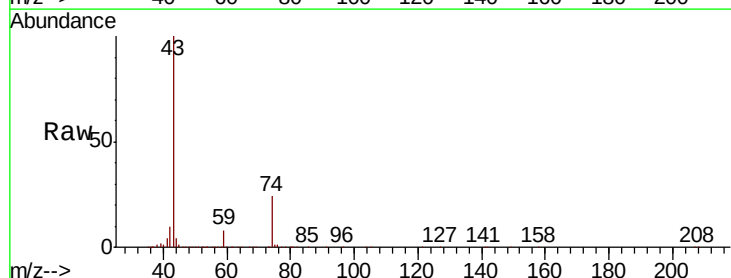
Acq: 16 Jul 2020 11:39

Tgt Ion: 43 Resp: 212108

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

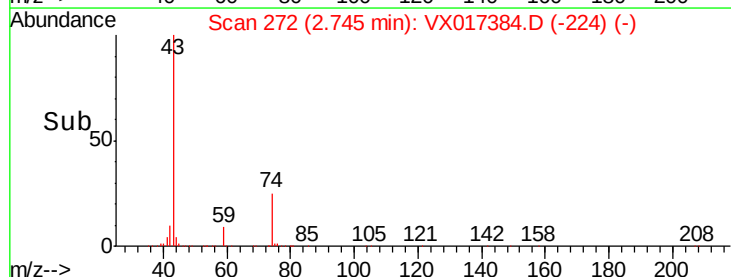
2.75

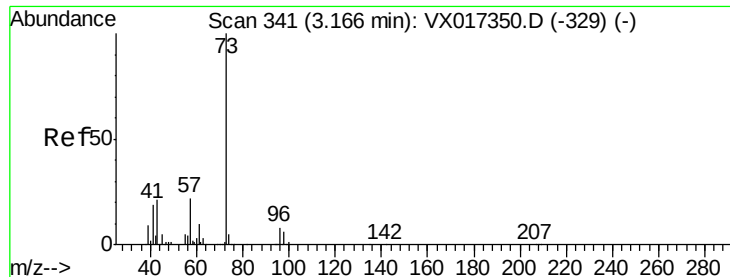
100000

50000

0

Time-->



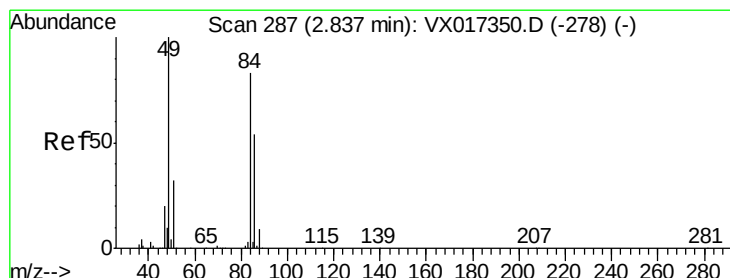
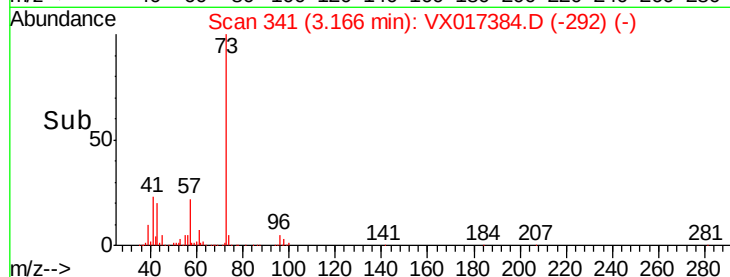
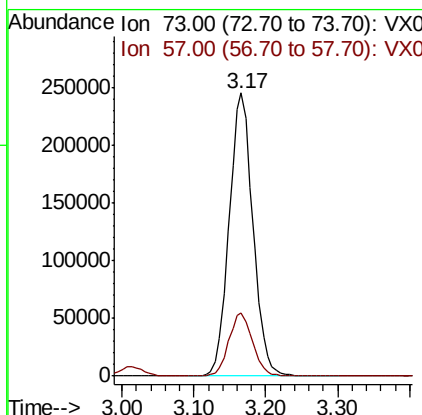
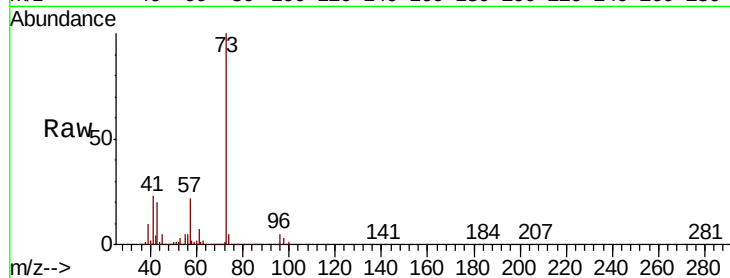


#19

Methyl tert-butyl Ether
 Concen: 50.007 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

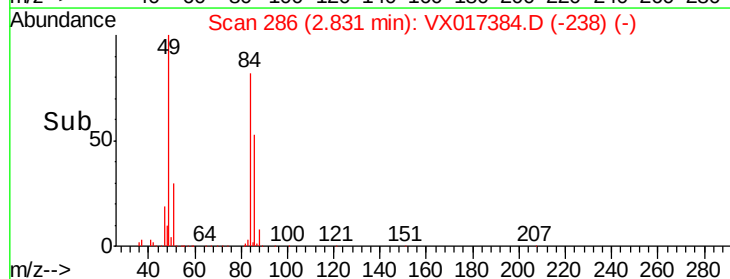
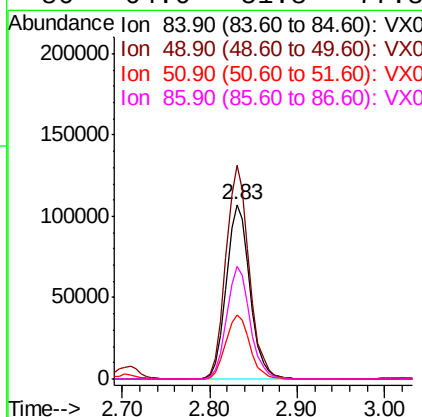
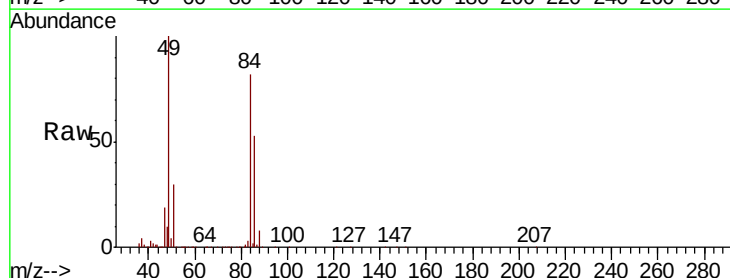
Tot Ion: 73 Resp: 563632
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.5 26.3

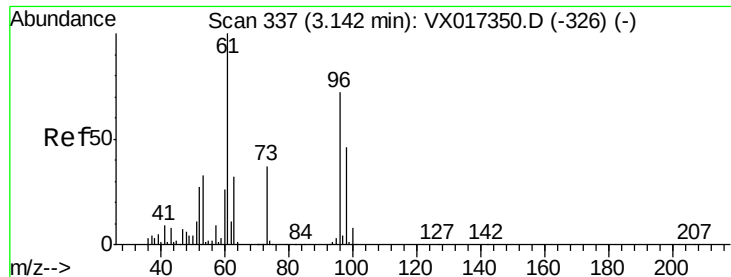


#20

Methylene Chloride
 Concen: 50.197 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion: 84 Resp: 200028
 Ion Ratio Lower Upper
 84 100
 49 122.3 95.8 143.8
 51 36.4 31.0 46.4
 86 64.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 50.794 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

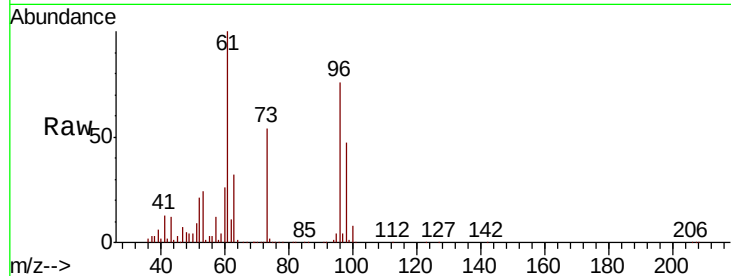
Tot Ion: 96 Resp: 192908

Ion Ratio Lower Upper

96 100

61 131.5 111.1 166.7

98 61.9 51.4 77.0

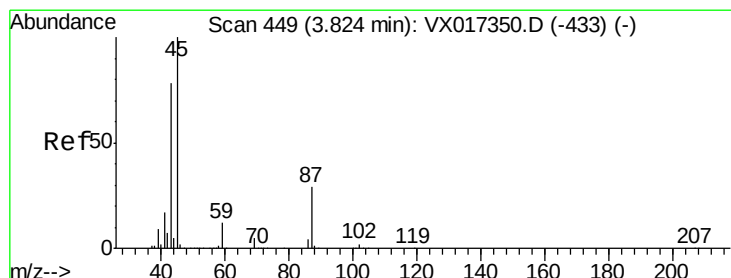
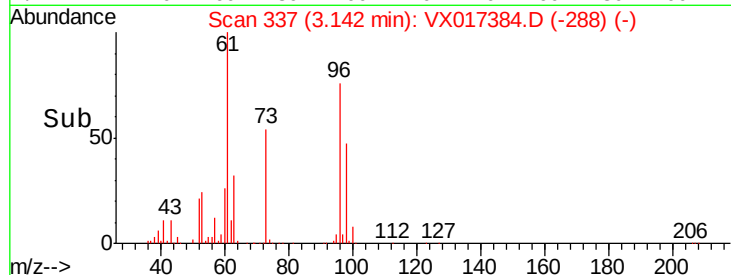
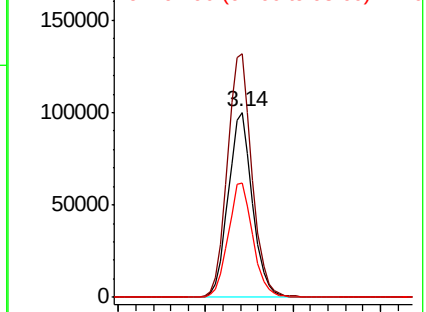


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.199 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion: 45 Resp: 604763

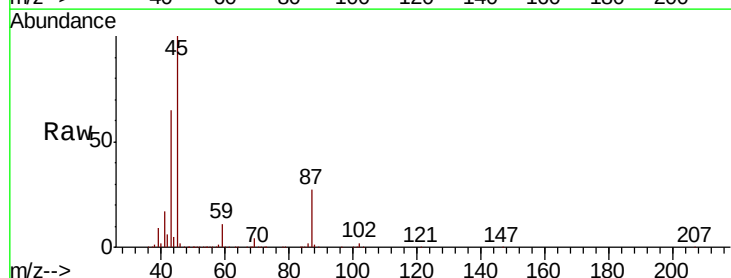
Ion Ratio Lower Upper

45 100

43 64.6 62.2 93.2

87 27.1 23.0 34.6

59 11.2 9.6 14.4



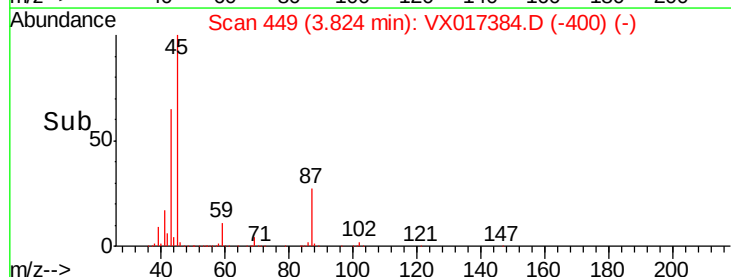
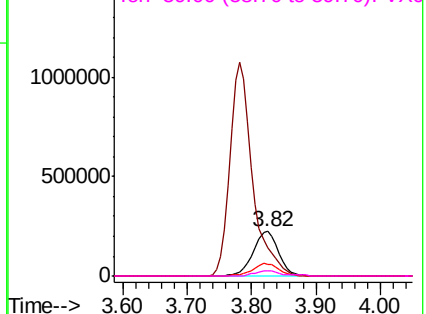
Abundance

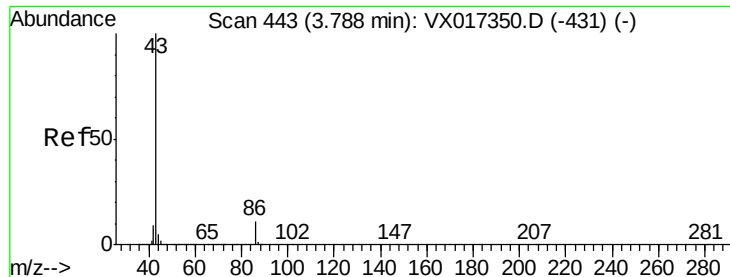
Ion 45.00 (44.70 to 45.70): VX0

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: 276.098 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

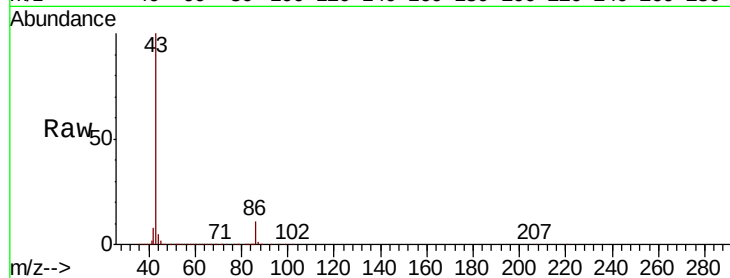
VSTDCCC050

Tot Ion: 43 Resp: 2660345

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

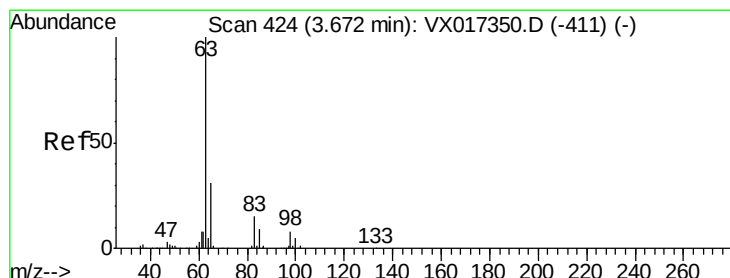
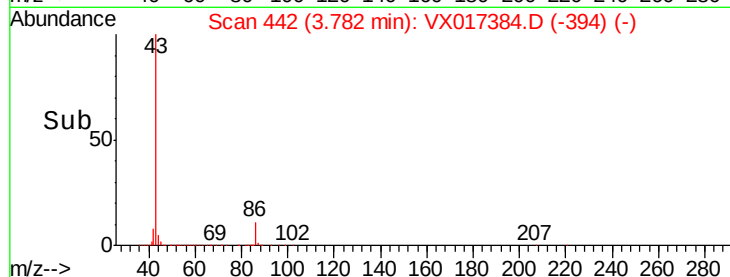
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.495 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

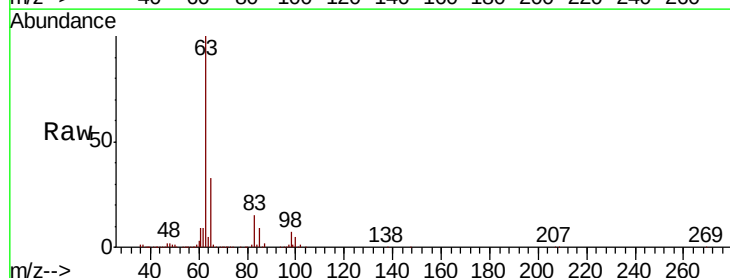
Tgt Ion: 63 Resp: 331571

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.7 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

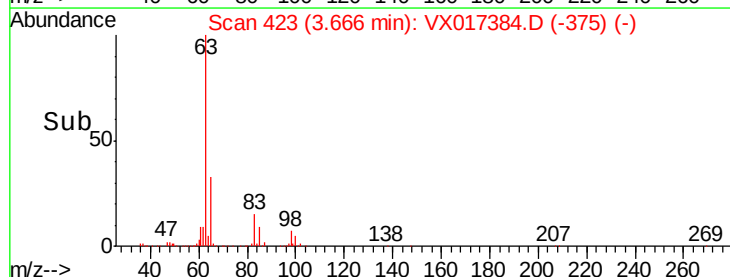
100000

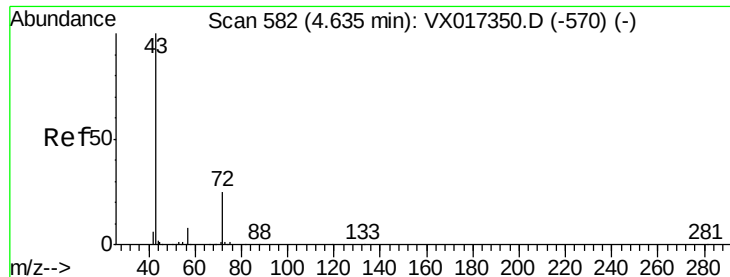
50000

0

3.50 3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 255.840 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

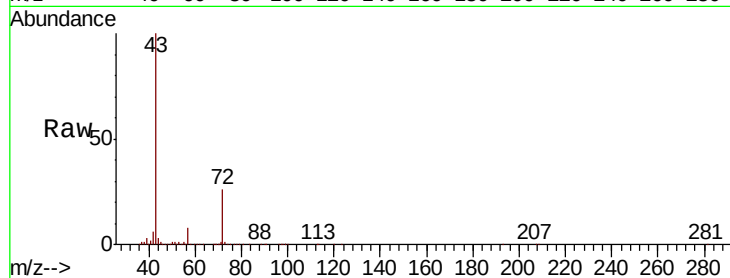
VSTDCCC050

Tot Ion: 43 Resp: 663663

Ion Ratio Lower Upper

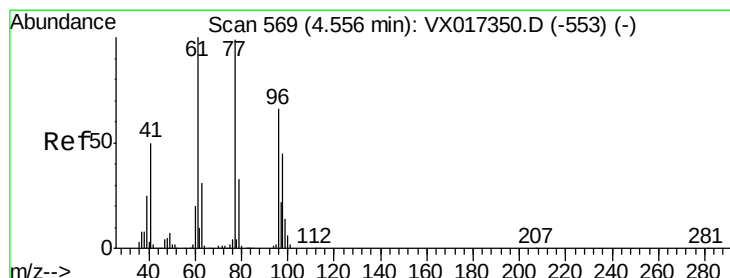
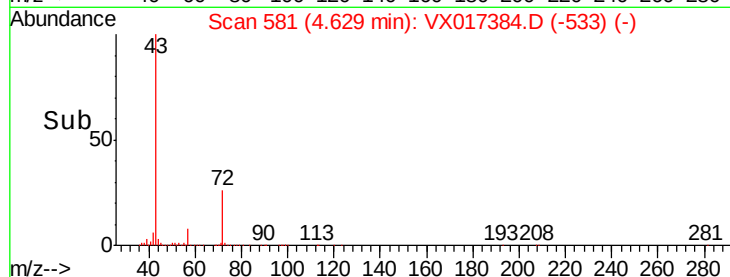
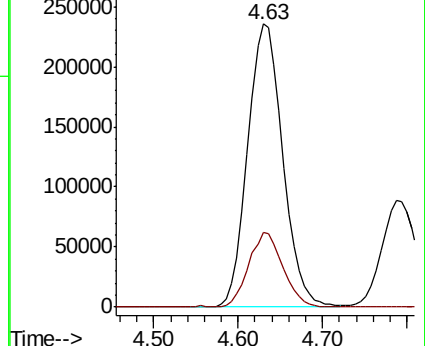
43 100

72 26.2 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.675 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017384.D

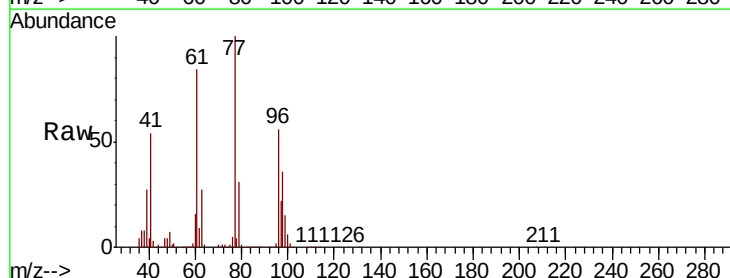
Acq: 16 Jul 2020 11:39

Tgt Ion: 77 Resp: 267713

Ion Ratio Lower Upper

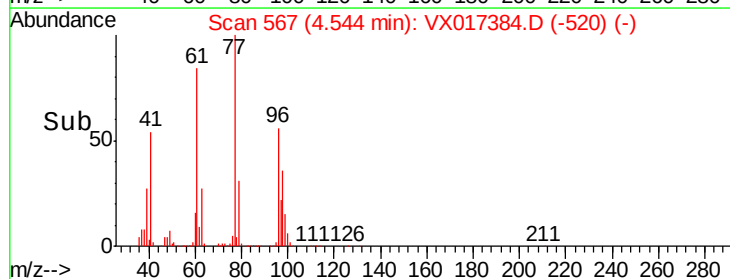
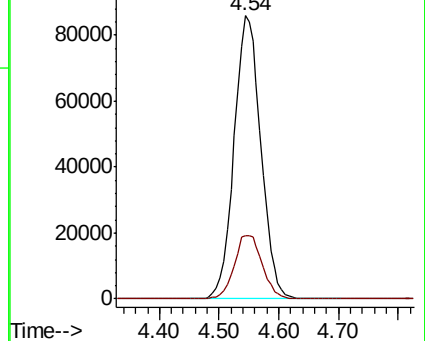
77 100

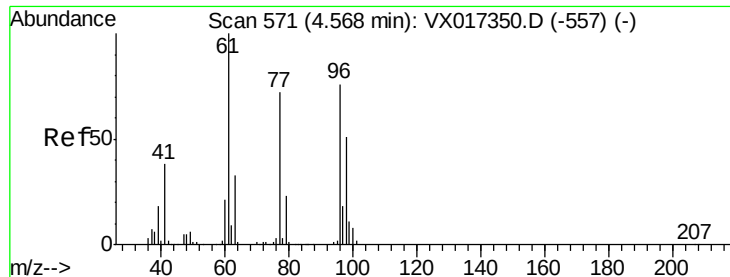
97 23.4 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



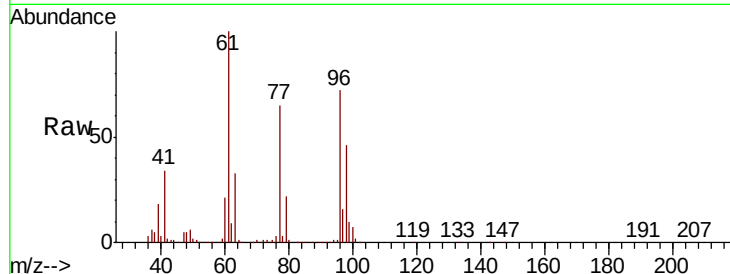


#27

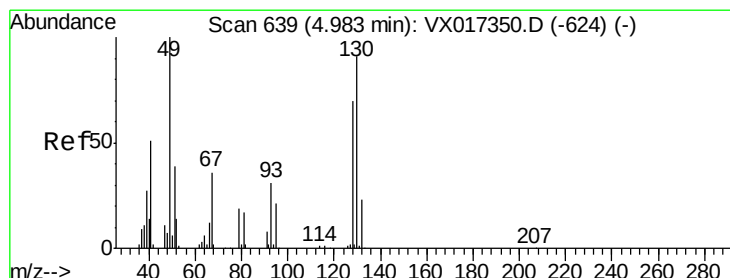
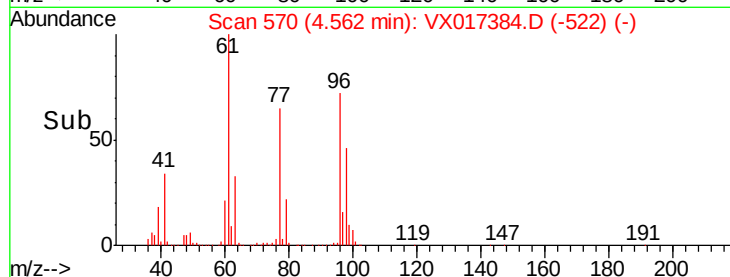
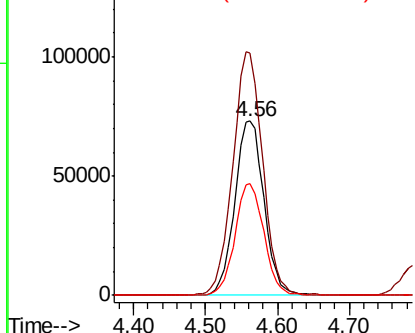
cis-1,2-Dichloroethene
Concen: 49.287 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	281.2
98	63.7	0.0	131.4



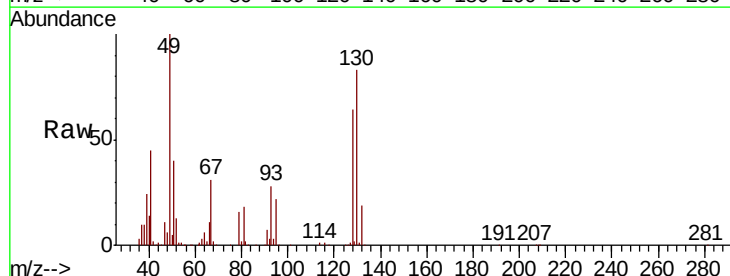
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



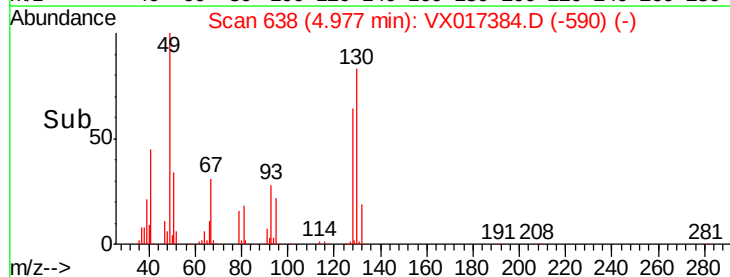
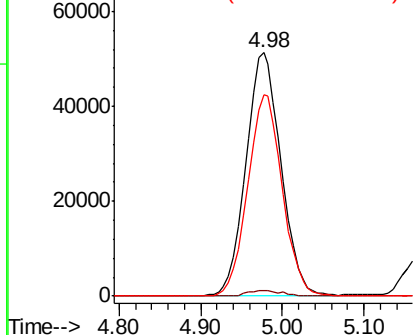
#28

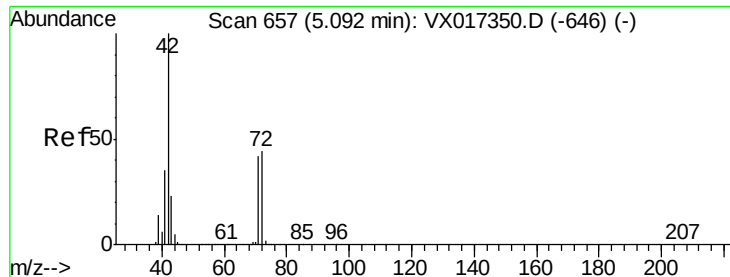
Bromochloromethane
Concen: 51.749 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	81.5	71.1	106.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

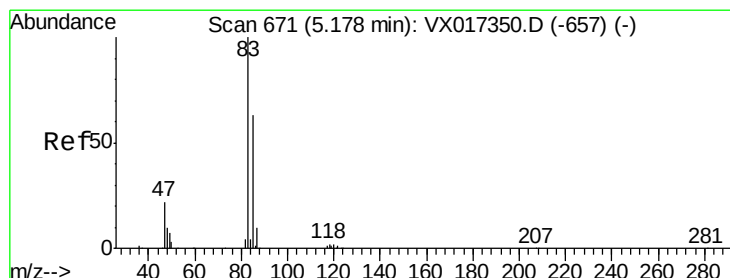
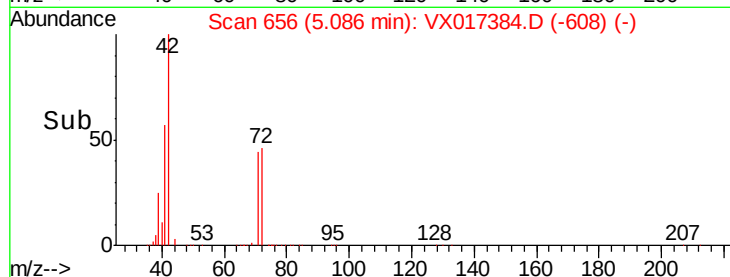
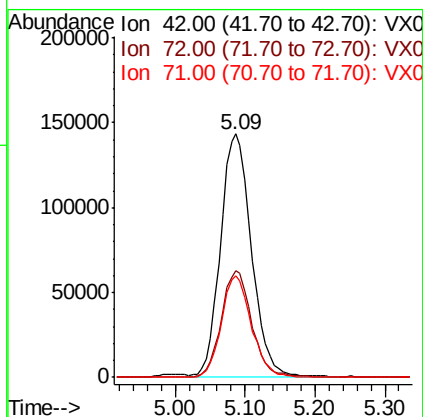
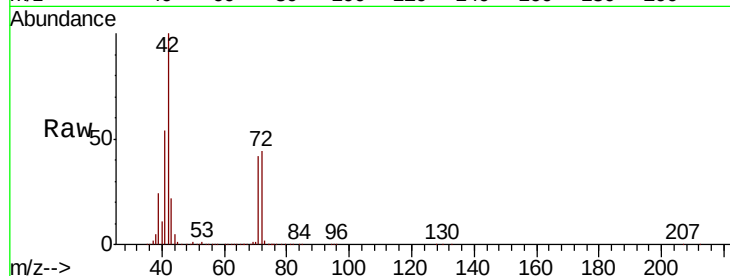




#29
Tetrahydrofuran
Concen: 260.290 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

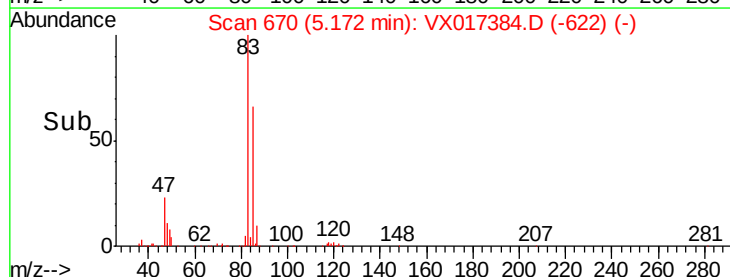
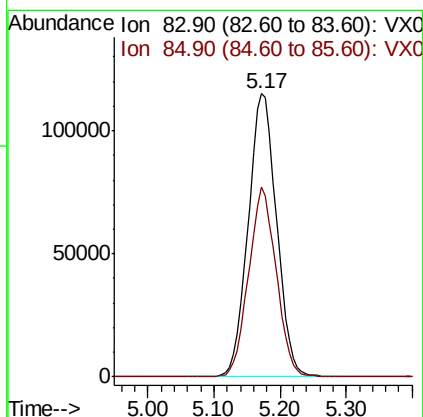
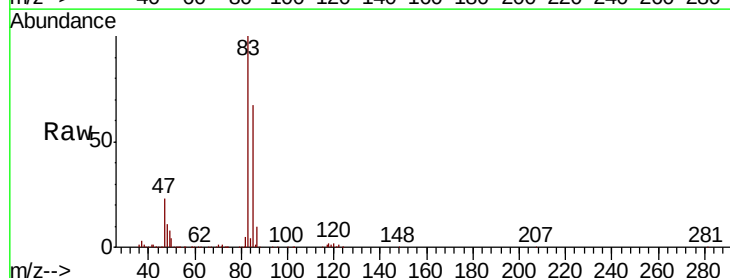
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

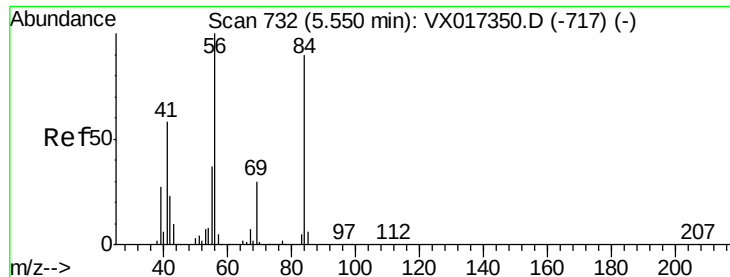
Tot Ion: 42 Resp: 437072
Ion Ratio Lower Upper
42 100
72 43.8 37.2 55.8
71 40.5 34.4 51.6



#30
Chloroform
Concen: 49.758 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 83 Resp: 344698
Ion Ratio Lower Upper
83 100
85 67.0 50.2 75.4

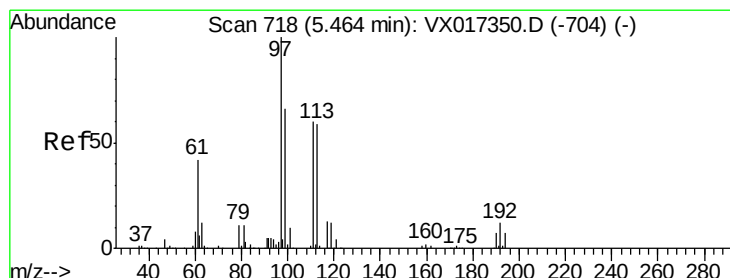
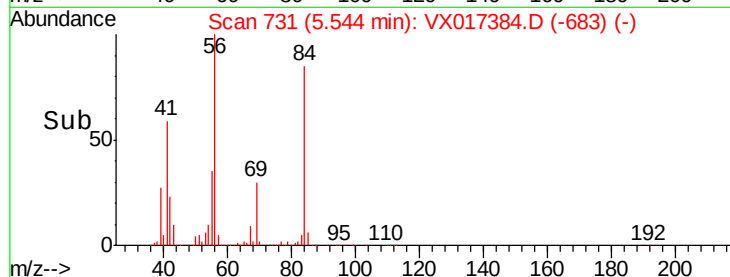
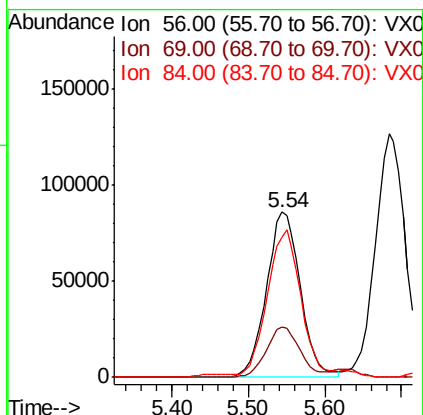
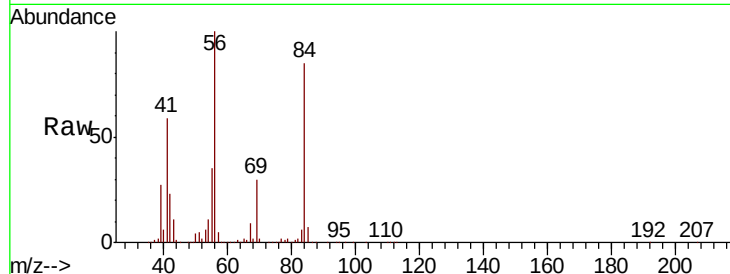




#31
Cyclohexane
Concen: 50.073 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

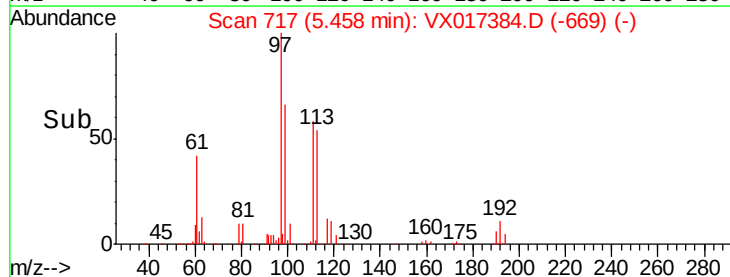
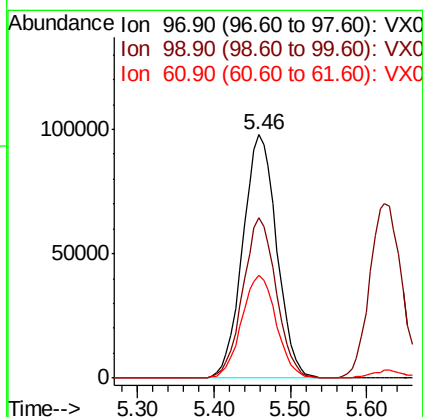
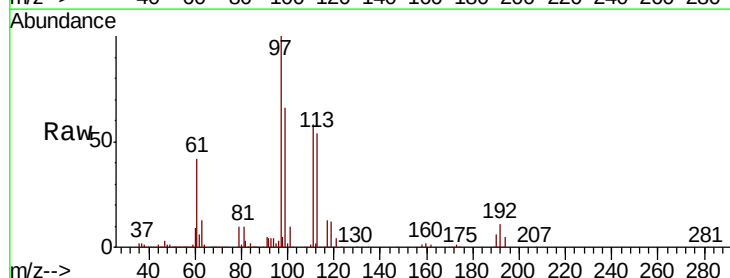
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

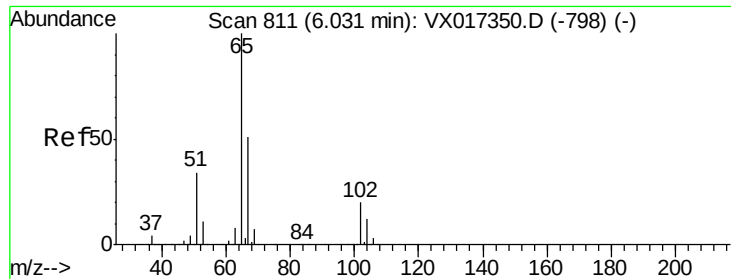
Tot Ion: 56 Resp: 263946
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 84.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.221 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 97 Resp: 302413
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 43.2 32.7 49.1

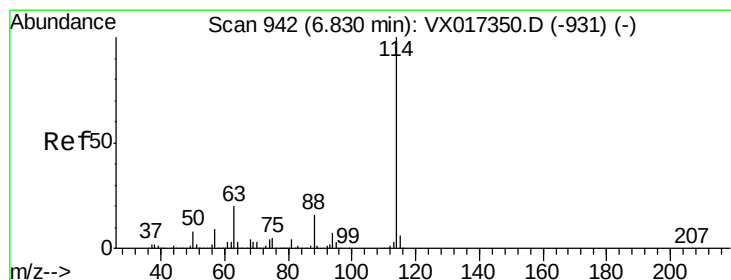
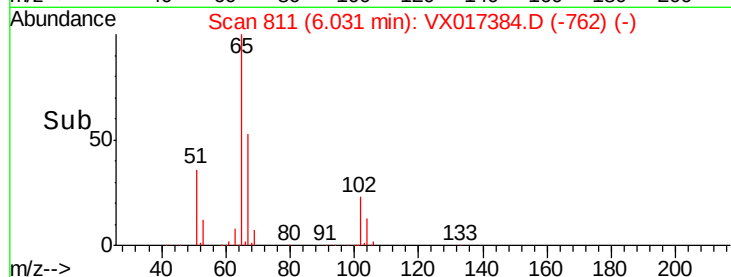
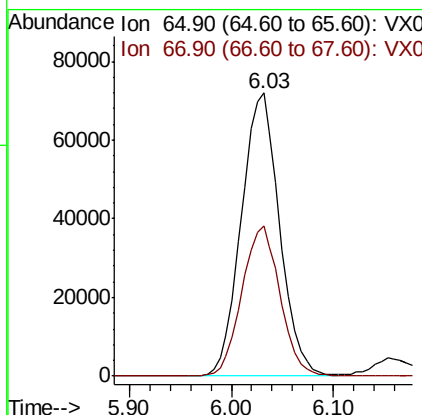
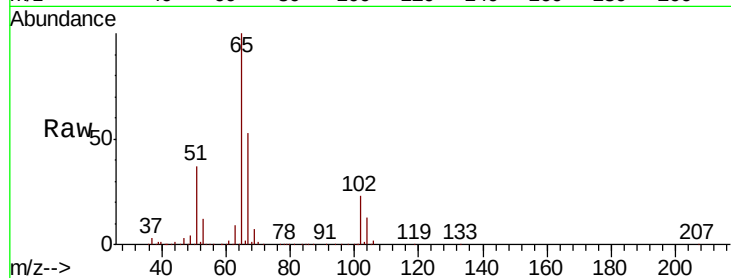




#33
 1,2-Dichloroethane-d4
 Concen: 41.092 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

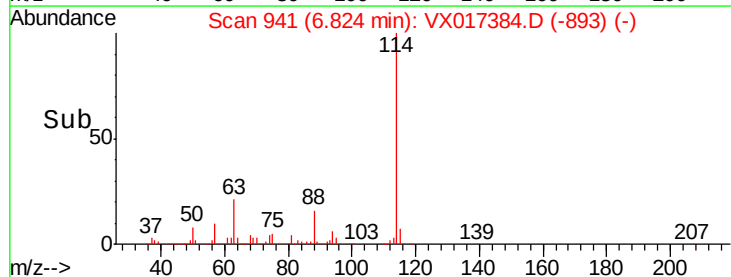
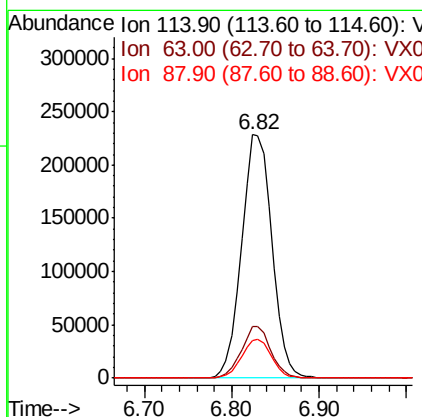
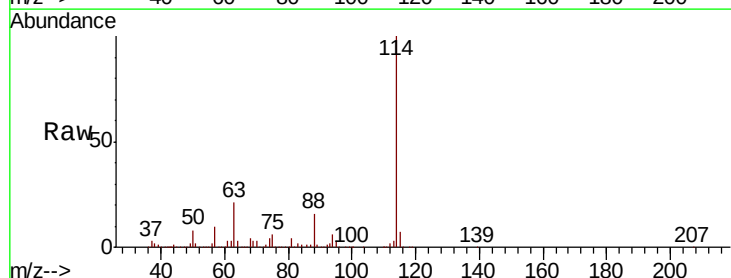
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

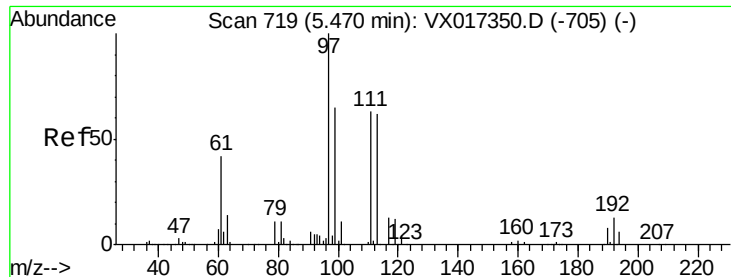
Tot Ion: 65 Resp: 188119
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion: 114 Resp: 551908
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.0
 88 15.7 0.0 32.8

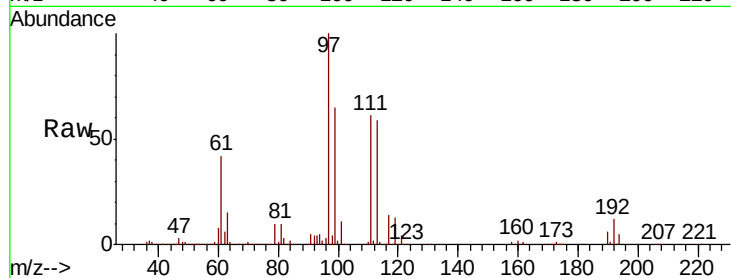




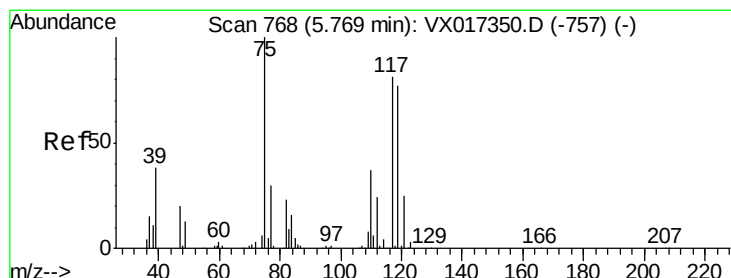
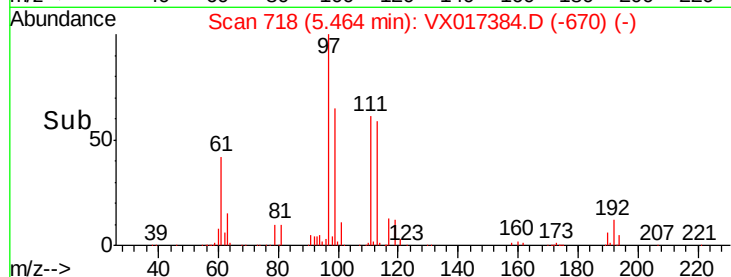
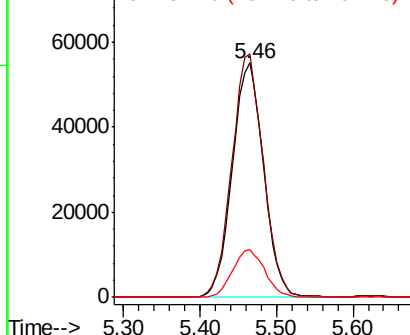
#35
Dibromofluoromethane
Concen: 42.085 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 156460
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 21.0 17.2 25.8

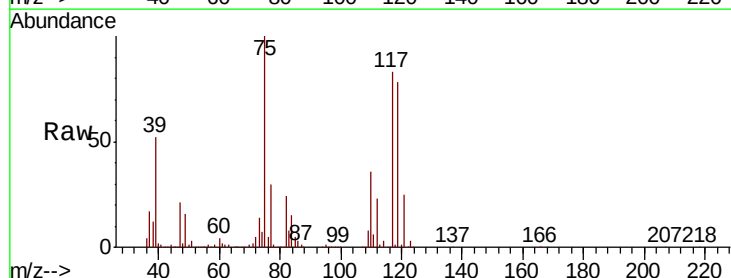


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

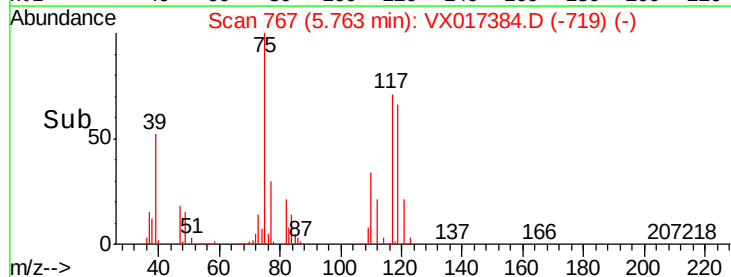
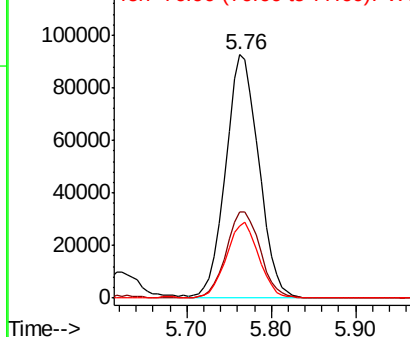


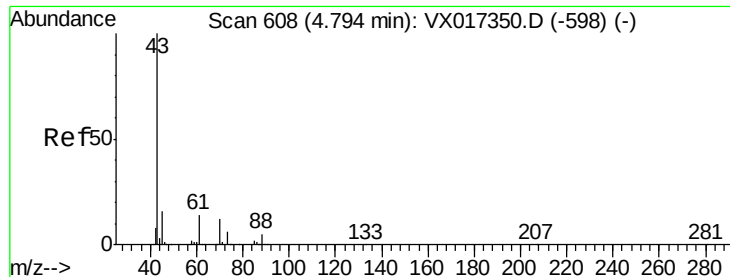
#36
1,1-Dichloropropene
Concen: 48.607 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 75 Resp: 246753
Ion Ratio Lower Upper
75 100
110 36.5 18.6 55.8
77 30.7 24.9 37.3



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

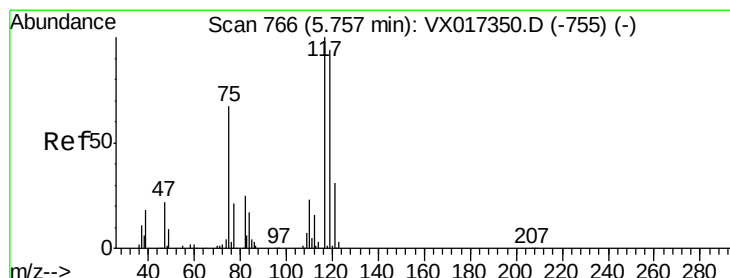
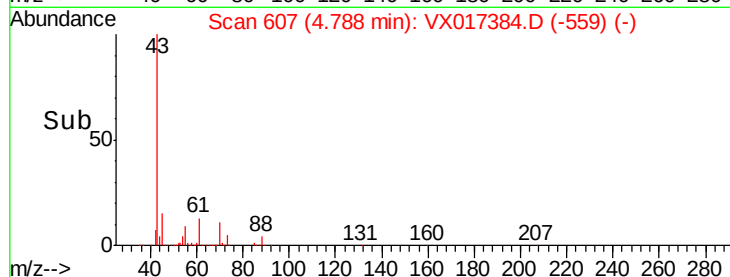
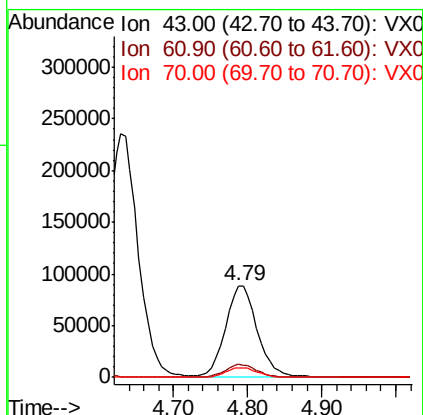
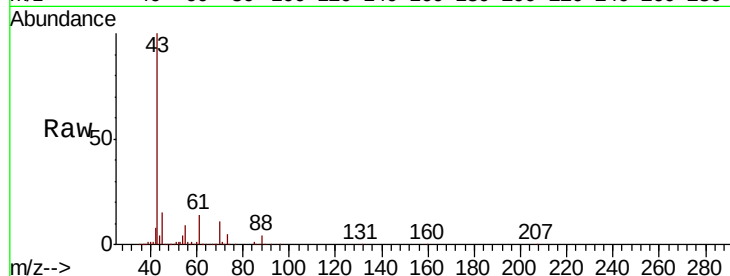




#37
Ethyl Acetate
Concen: 50.218 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

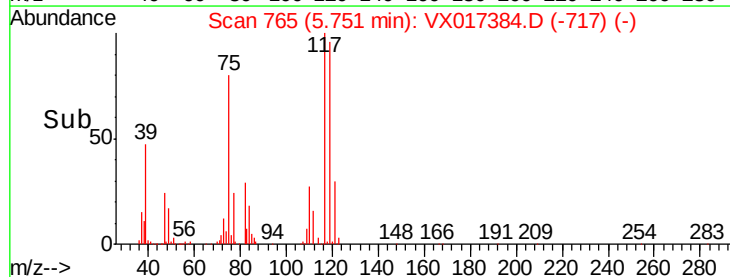
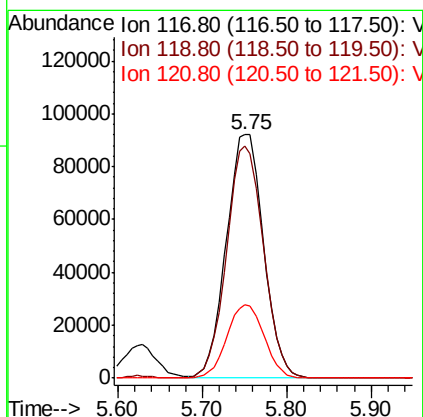
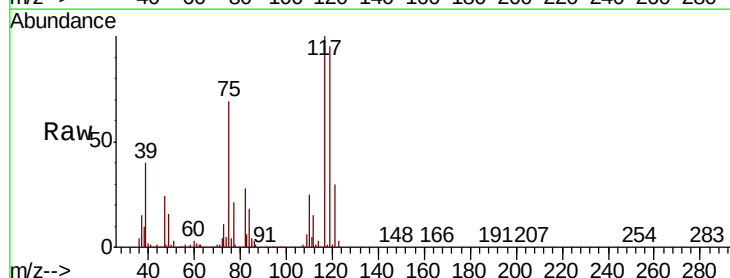
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

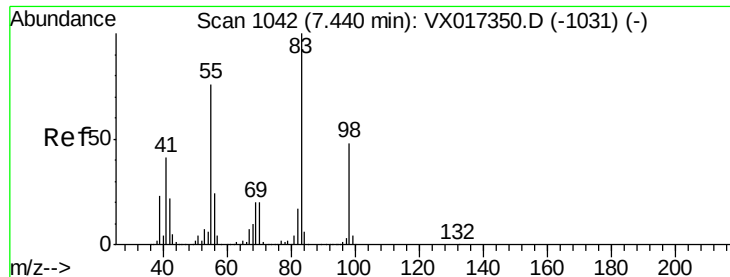
Tot Ion: 43 Resp: 263642
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 10.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 46.395 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 117 Resp: 275759
Ion Ratio Lower Upper
117 100
119 95.5 74.7 112.1
121 29.9 24.5 36.7

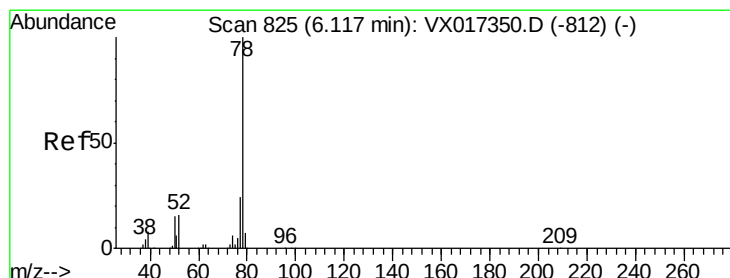
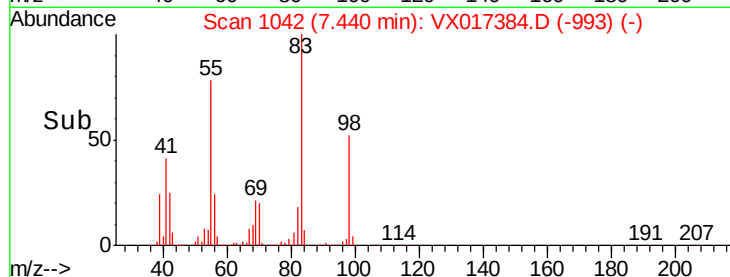
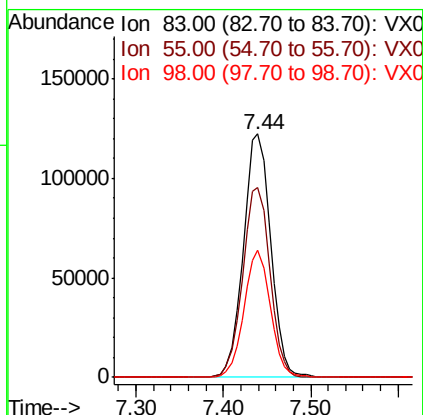
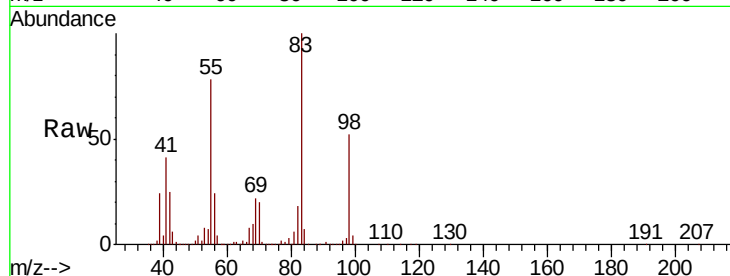




#39
Methylvlcyclohexane
Concen: 48.191 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

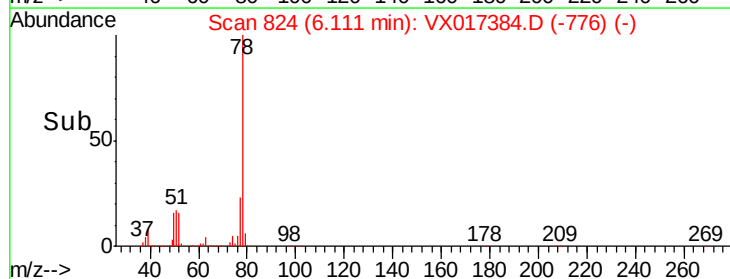
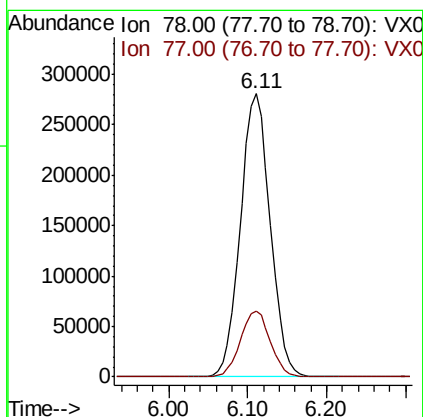
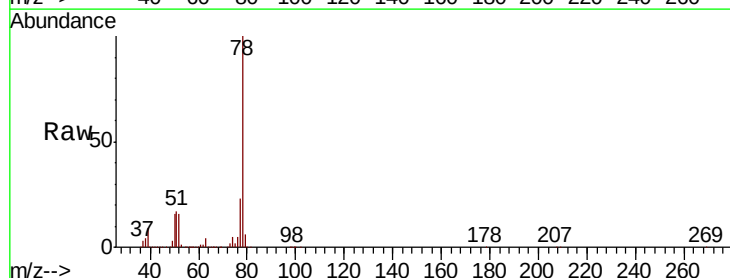
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

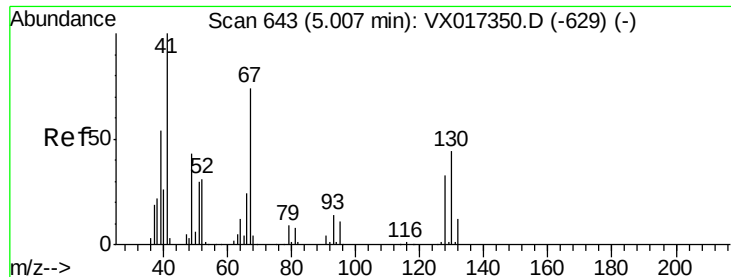
Tot Ion: 83 Resp: 265668
Ion Ratio Lower Upper
83 100
55 78.0 61.2 91.8
98 52.3 38.1 57.1



#40
Benzene
Concen: 50.507 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 78 Resp: 736873
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

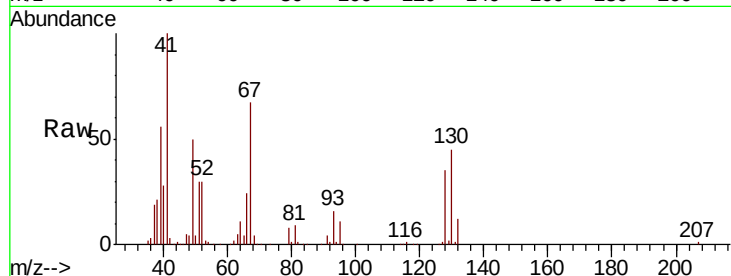




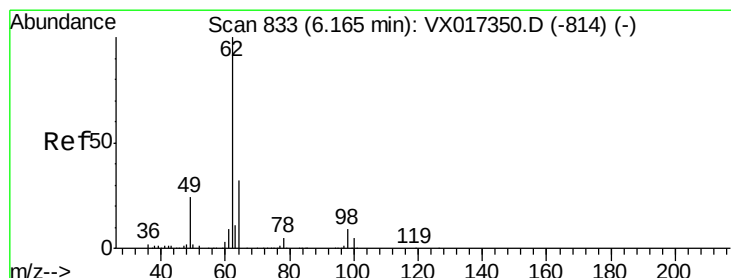
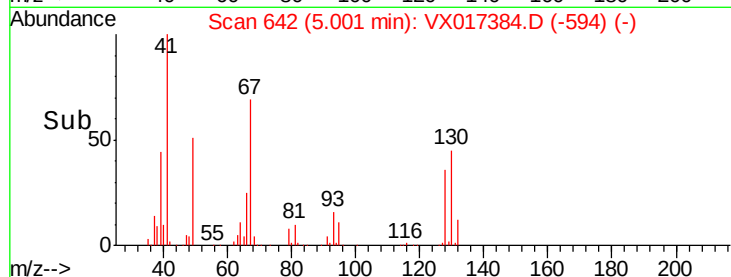
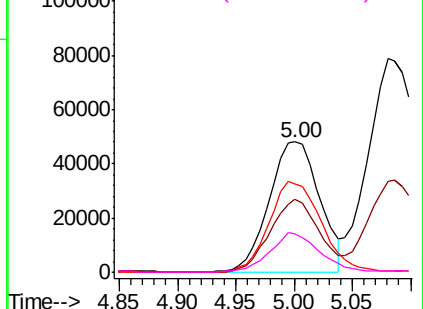
#41
Methacrylonitrile
Concen: 51.331 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	144672
Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.8	65.8
67	72.3	58.7	88.1
52	29.8	24.9	37.3

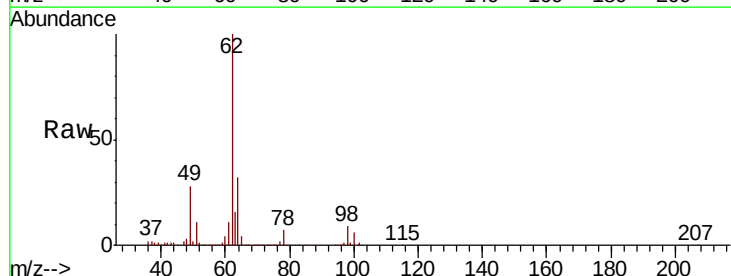


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

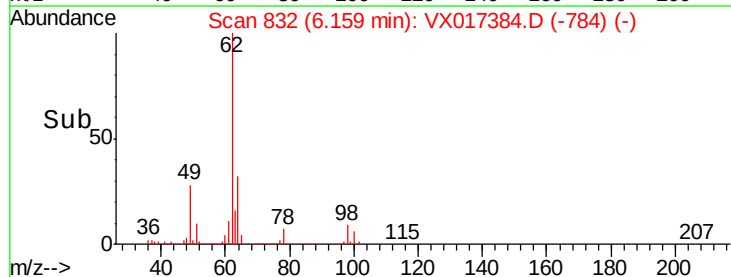
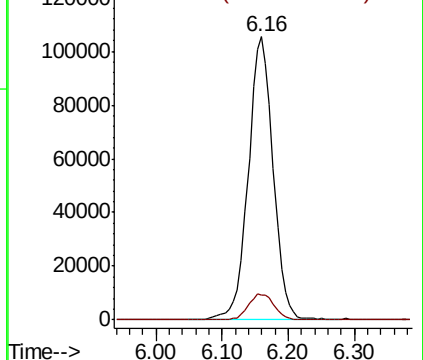


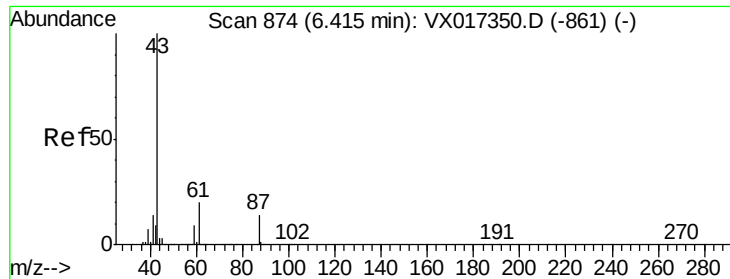
#42
1,2-Dichloroethane
Concen: 48.560 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion:	62	Resp:	275254
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 49.314 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

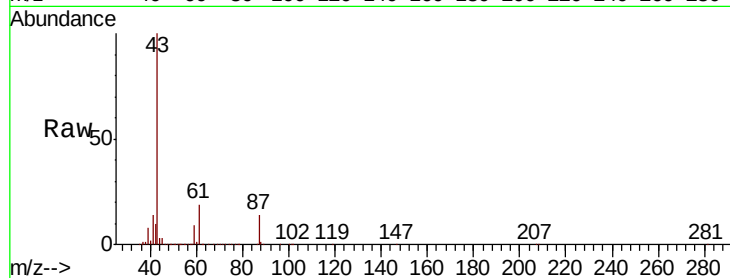
Tot Ion: 43 Resp: 413699

Ion Ratio Lower Upper

43 100

61 19.9 16.4 24.6

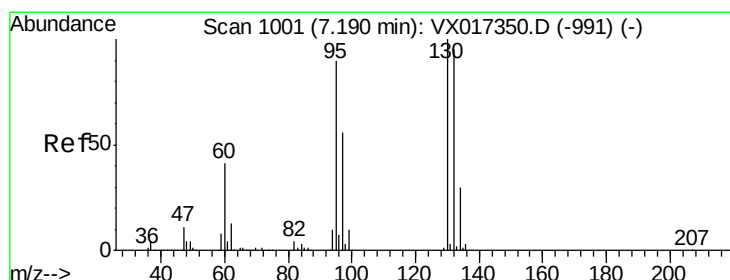
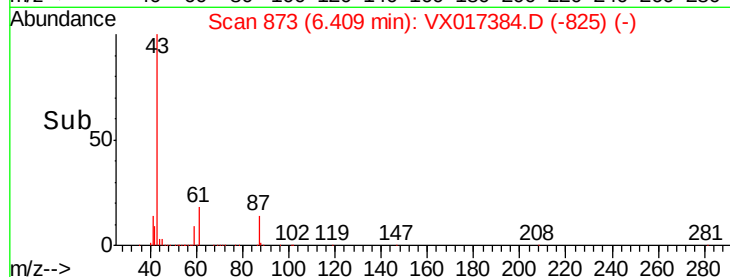
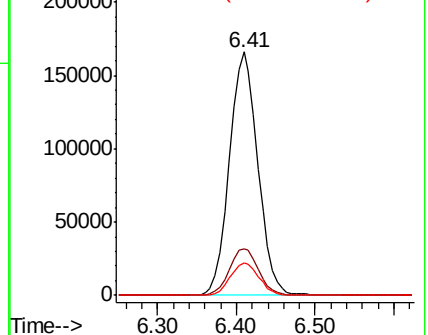
87 13.7 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.162 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017384.D

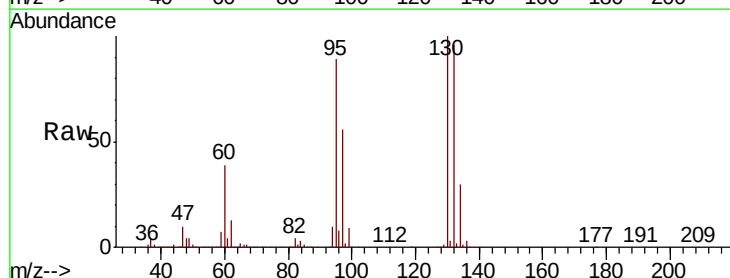
Acq: 16 Jul 2020 11:39

Tgt Ion:130 Resp: 205716

Ion Ratio Lower Upper

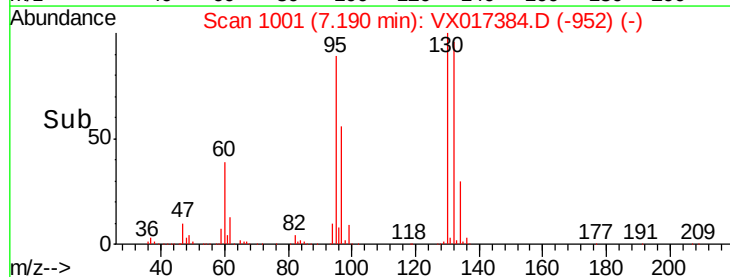
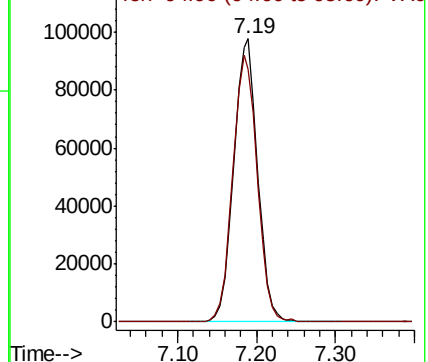
130 100

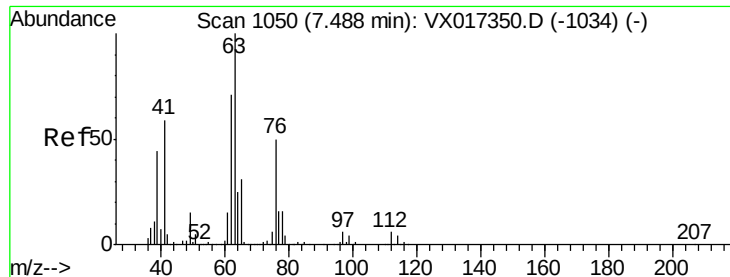
95 89.1 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.096 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

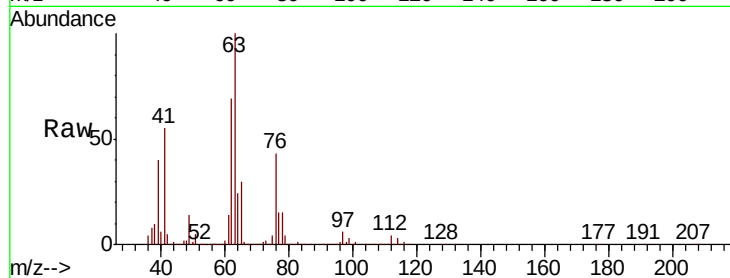
VSTDCCC050

Tot Ion: 63 Resp: 198212

Ion Ratio Lower Upper

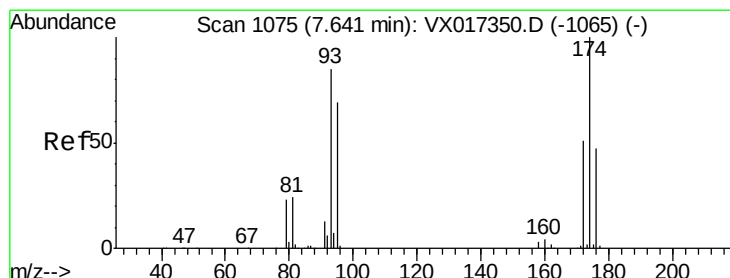
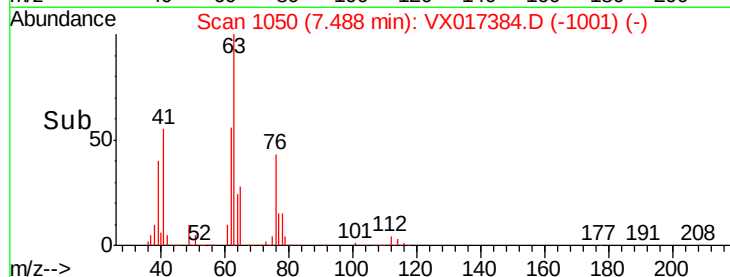
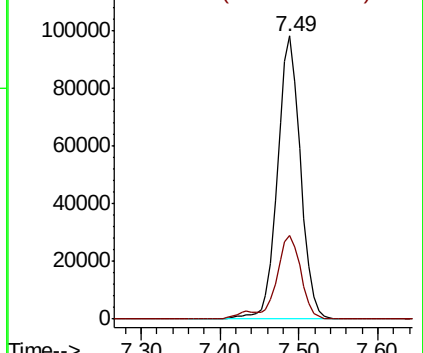
63 100

65 29.7 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.620 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

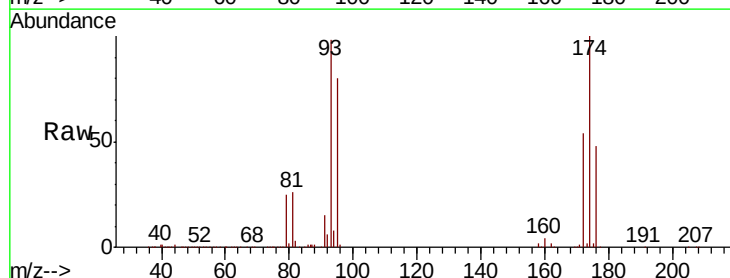
Tgt Ion: 93 Resp: 136285

Ion Ratio Lower Upper

93 100

95 82.0 65.4 98.2

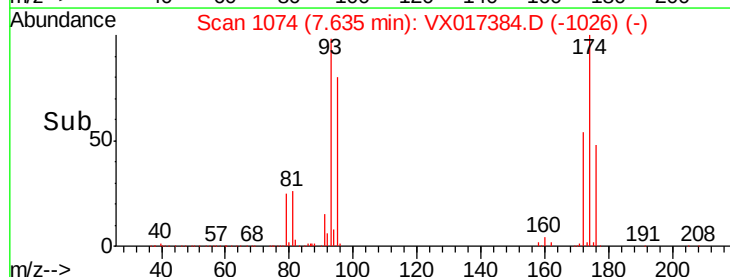
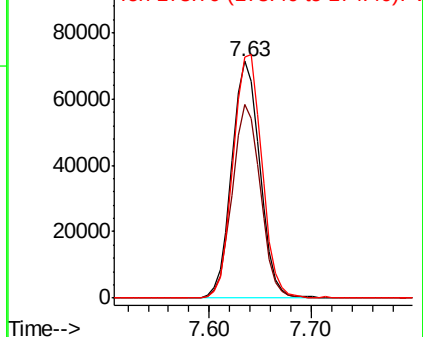
174 105.0 91.2 136.8

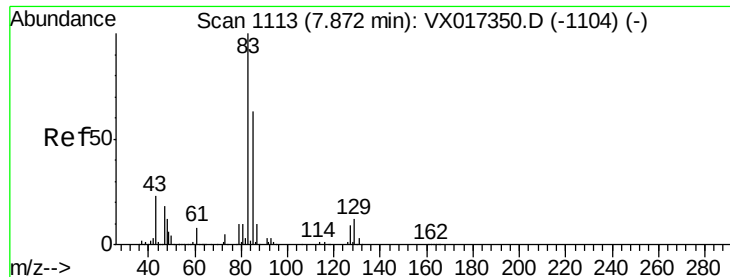


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.029 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

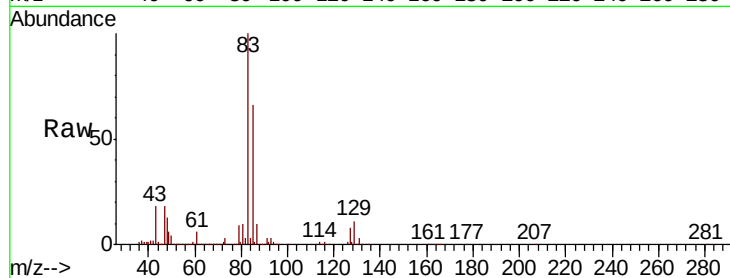
Tot Ion: 83 Resp: 281599

Ion Ratio Lower Upper

83 100

85 66.1 50.2 75.4

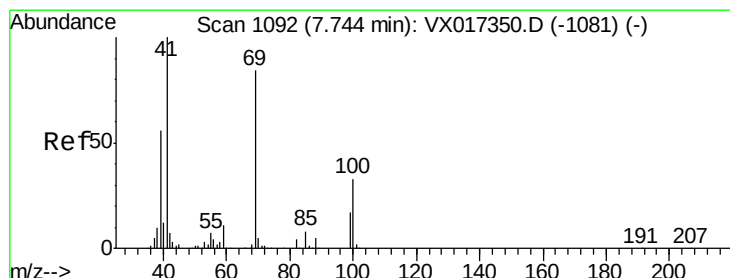
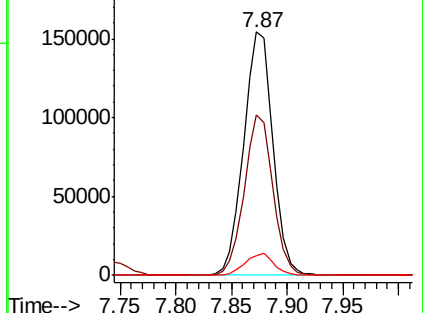
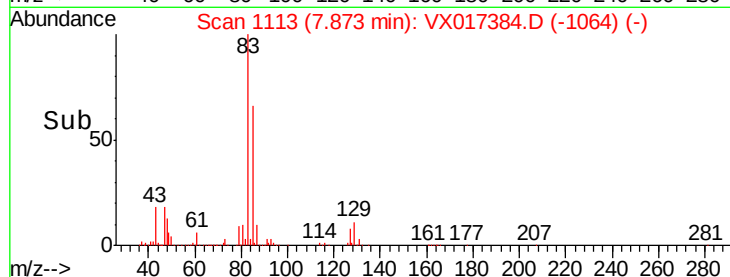
127 8.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.465 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

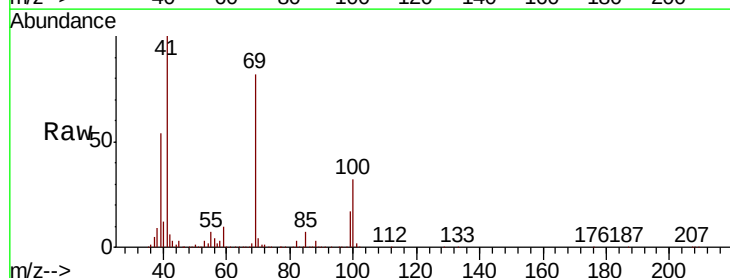
Tgt Ion: 41 Resp: 211208

Ion Ratio Lower Upper

41 100

69 84.0 67.8 101.6

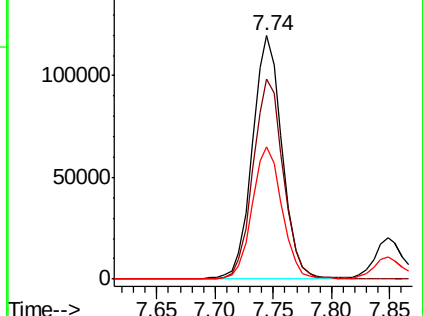
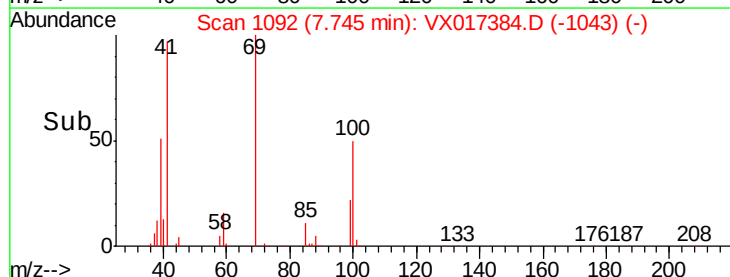
39 54.7 45.1 67.7

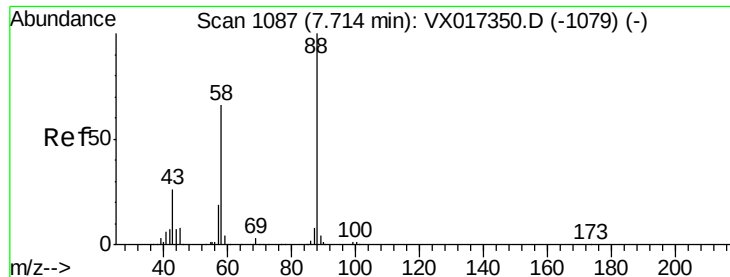


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

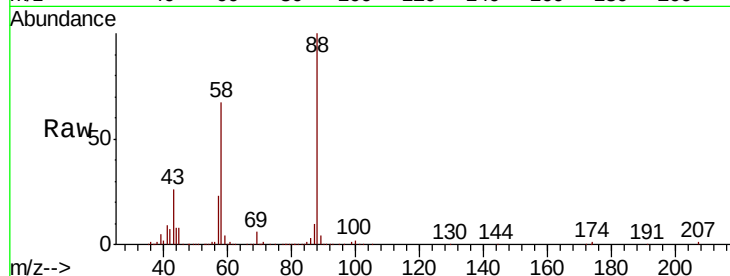




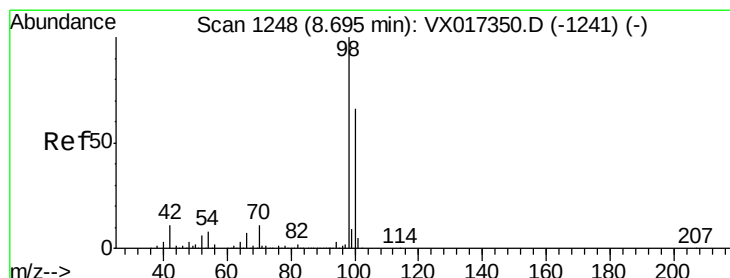
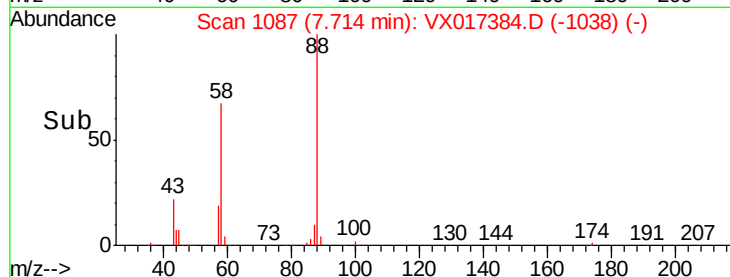
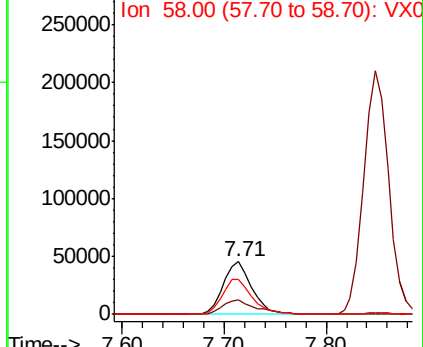
#49
 1,4-Dioxane
 Concen: 1068.809 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.6	38.4
58	70.2	53.9	80.9

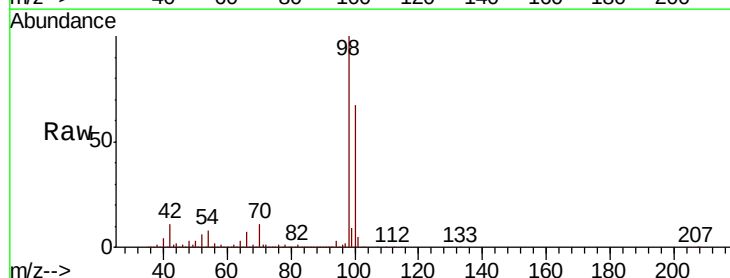


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

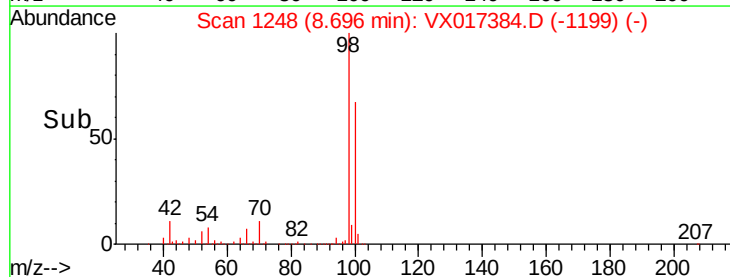
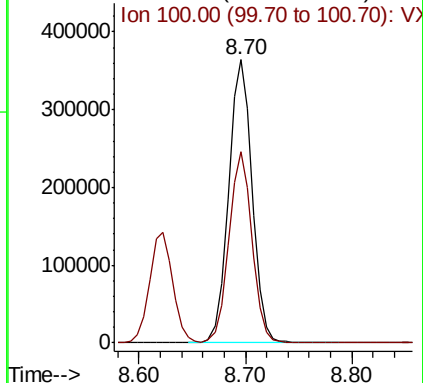


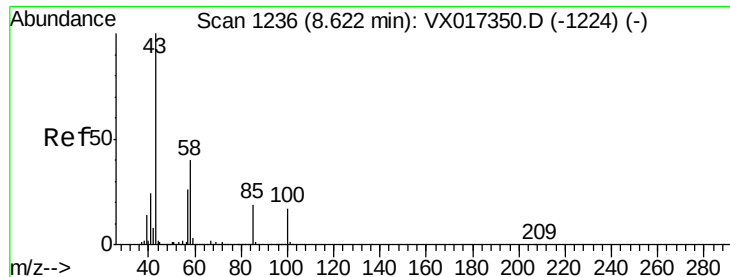
#50
 Toluene-d8
 Concen: 41.898 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2



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





#51

4-Methyl-2-Pentanone

Concen: 259.286 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

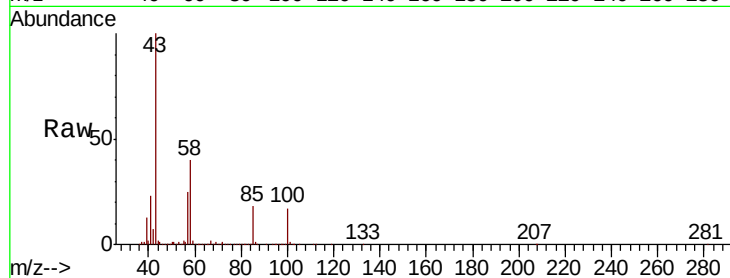
VSTDCCC050

Tot Ion: 43 Resp: 1326295

Ion Ratio Lower Upper

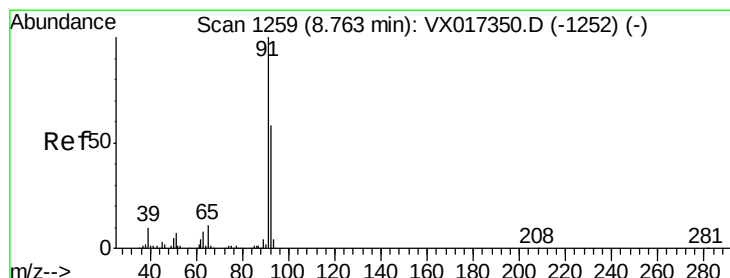
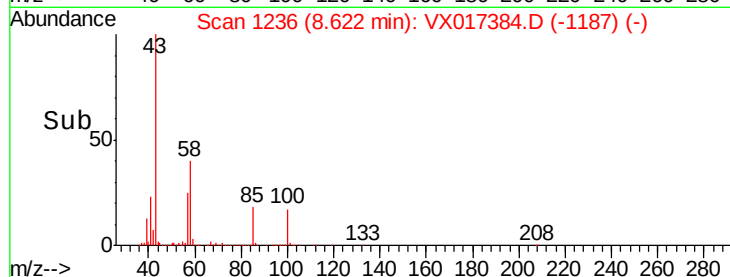
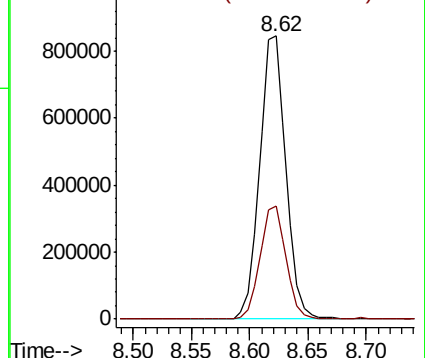
43 100

58 39.5 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.282 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017384.D

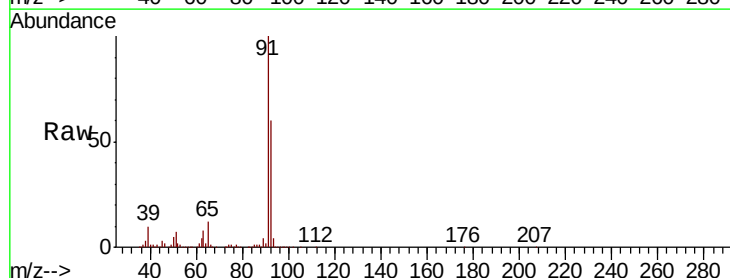
Acq: 16 Jul 2020 11:39

Tgt Ion: 92 Resp: 470760

Ion Ratio Lower Upper

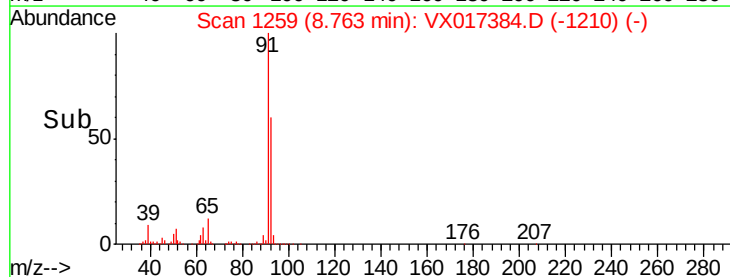
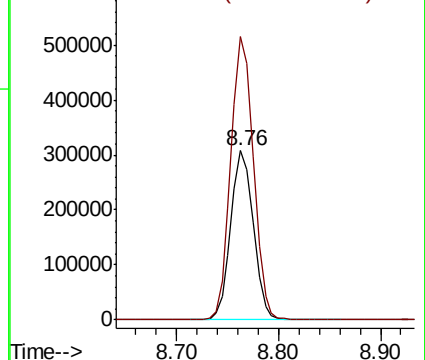
92 100

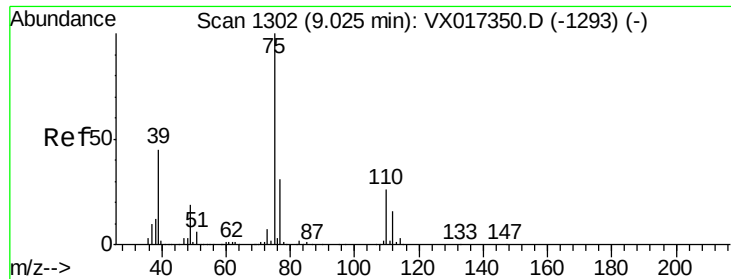
91 168.3 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.757 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

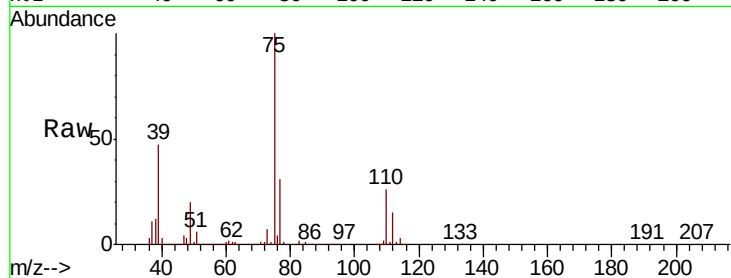
VSTDCCC050

Tot Ion: 75 Resp: 295660

Ion Ratio Lower Upper

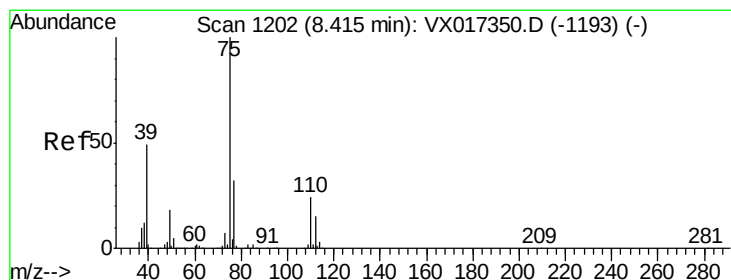
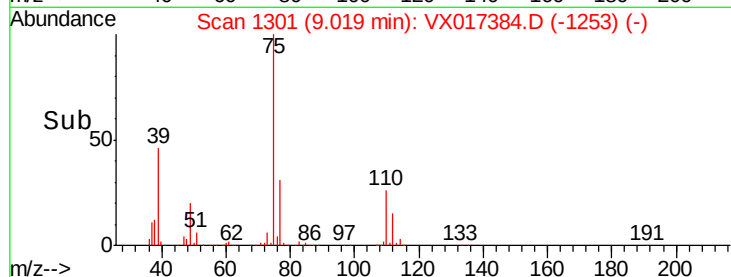
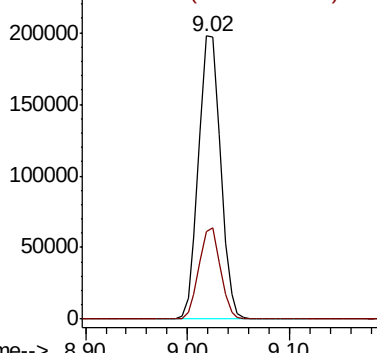
75 100

77 30.9 25.0 37.6



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: 49.792 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

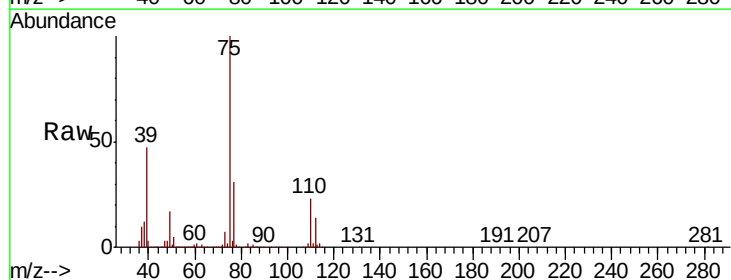
Tgt Ion: 75 Resp: 322039

Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

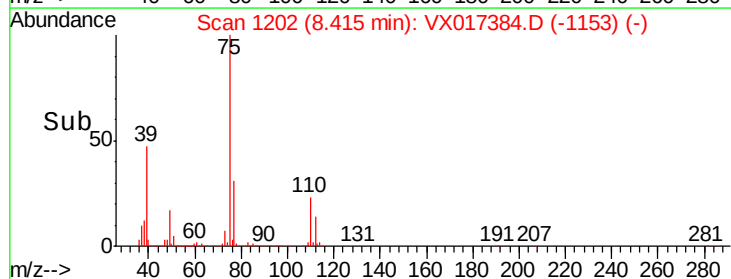
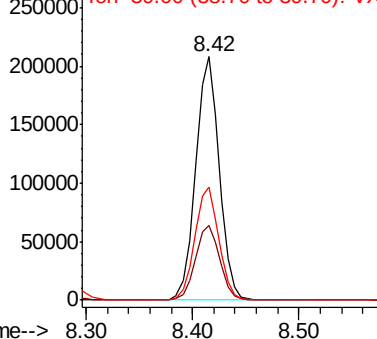
39 46.6 38.9 58.3

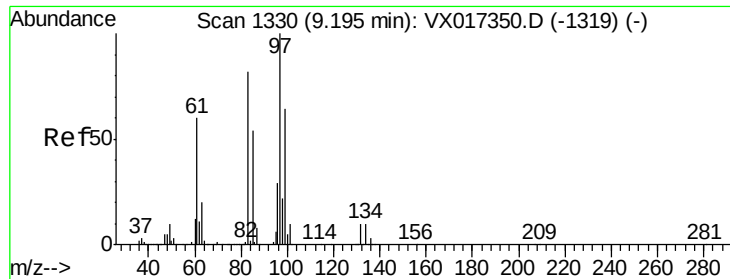


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

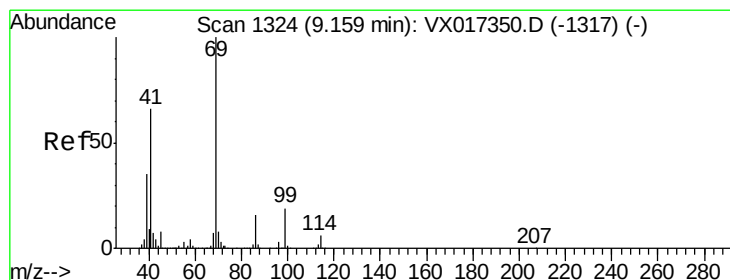
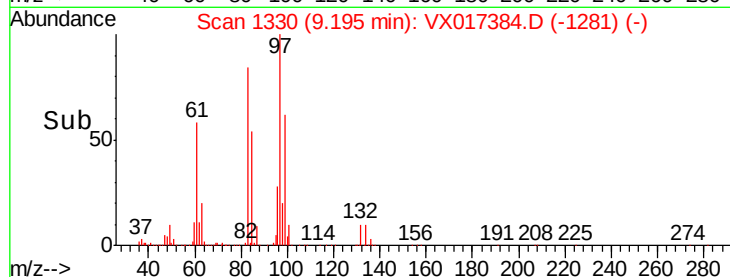
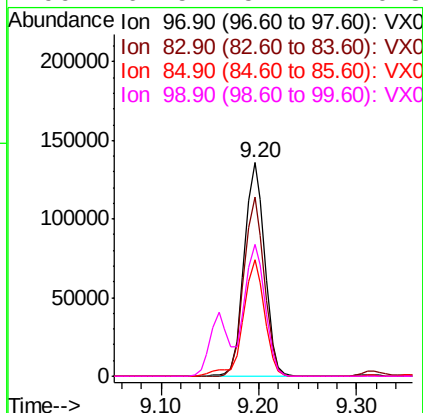
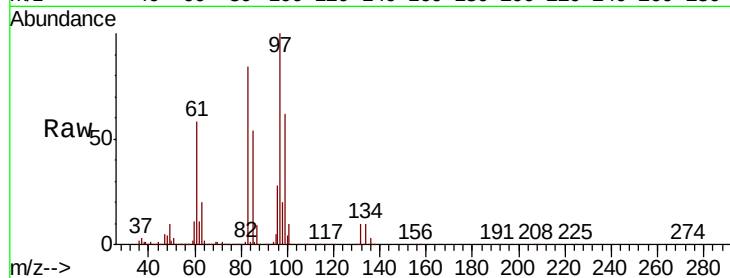




#55
 1,1,2-Trichloroethane
 Concen: 51.067 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

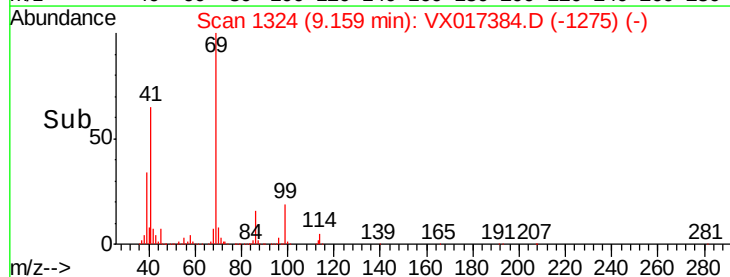
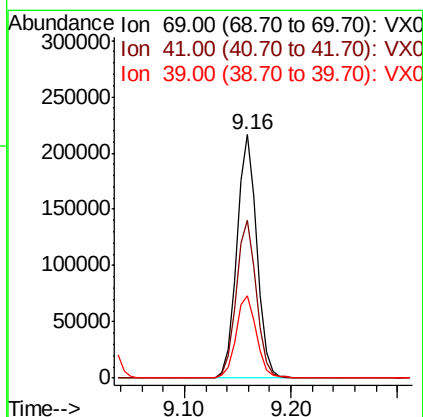
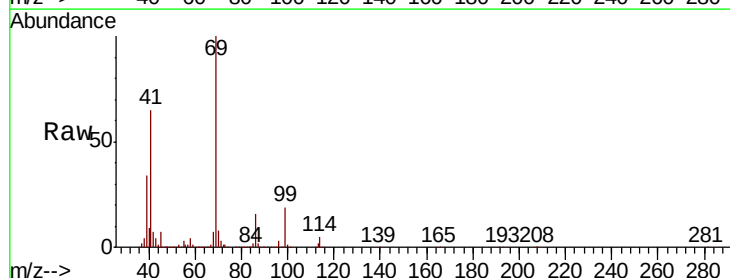
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

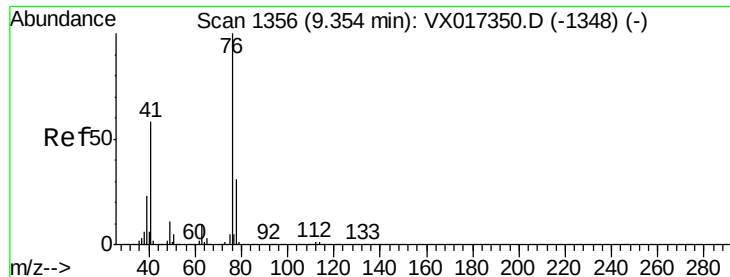
Tot Ion:	97	Resp:	199366
Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.8	98.6
85	54.3	42.8	64.2
99	61.5	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 51.487 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion:	69	Resp:	285373
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.6	78.8
39	34.2	28.8	43.2





#57

1,3-Dichloropropane

Concen: 50.166 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

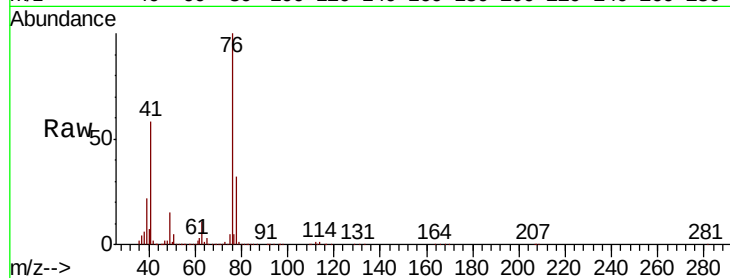
VSTDCCC050

Tot Ion: 76 Resp: 325777

Ion Ratio Lower Upper

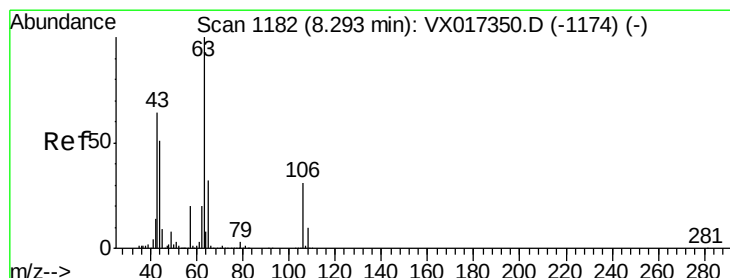
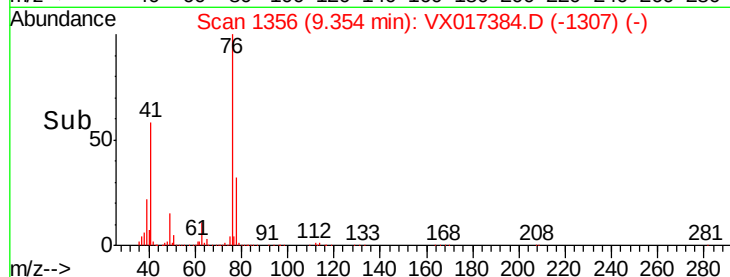
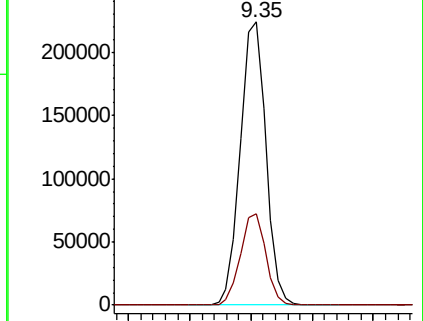
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 254.107 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017384.D

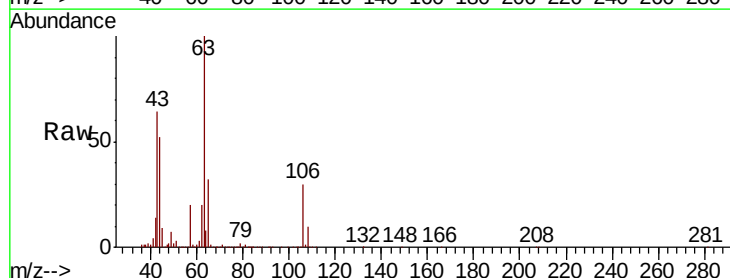
Acq: 16 Jul 2020 11:39

Tgt Ion: 63 Resp: 715133

Ion Ratio Lower Upper

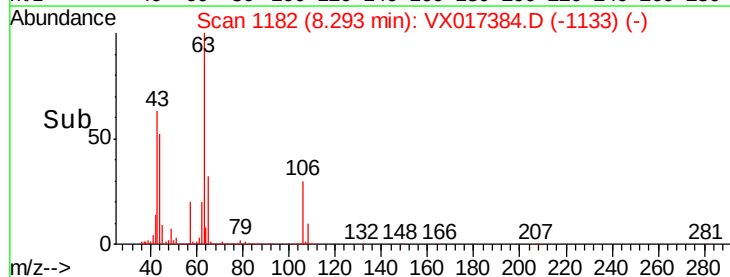
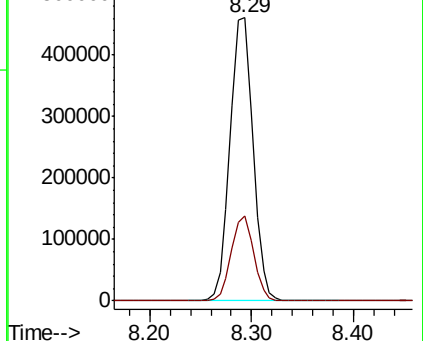
63 100

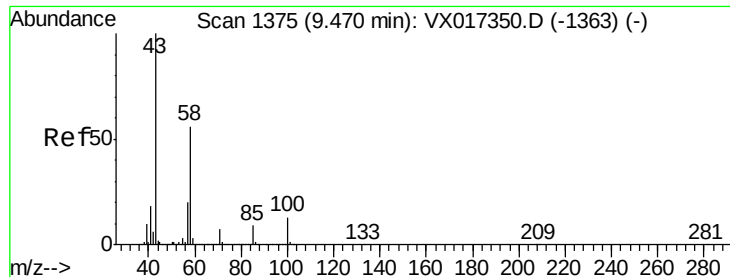
106 29.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

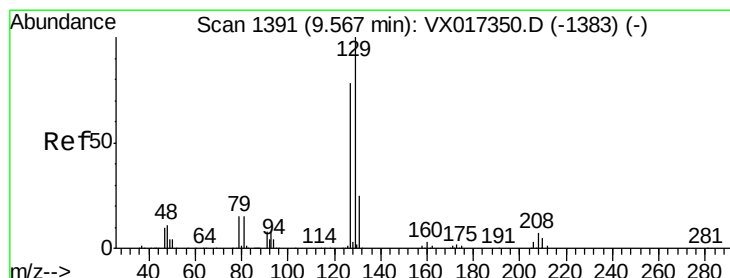
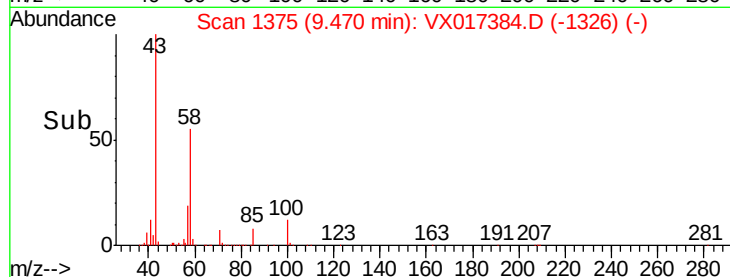
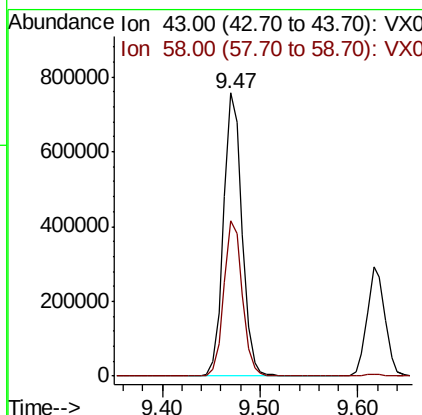
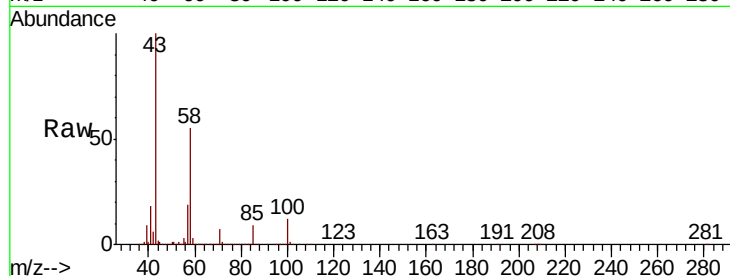




#59
2-Hexanone
Concen: 256.042 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

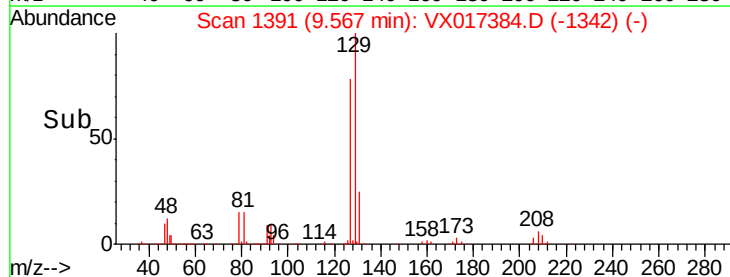
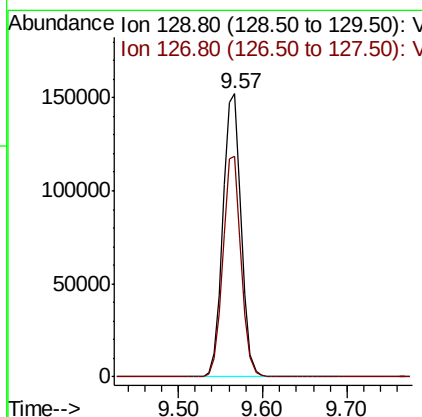
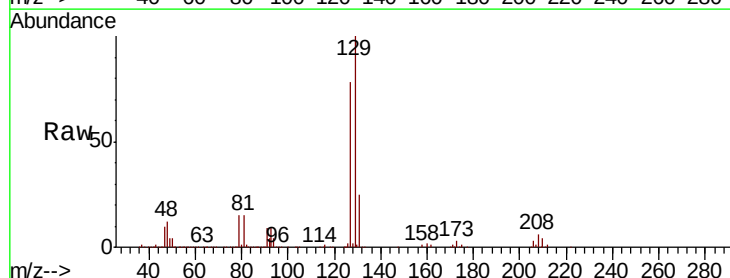
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

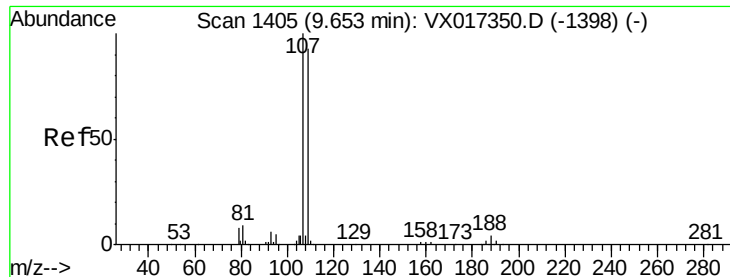
Tot Ion: 43 Resp: 988507
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 47.864 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 129 Resp: 228282
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.867 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

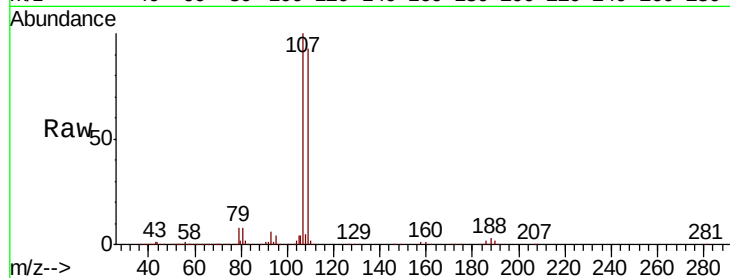
VSTDCCC050

Tot Ion:107 Resp: 211784

Ion Ratio Lower Upper

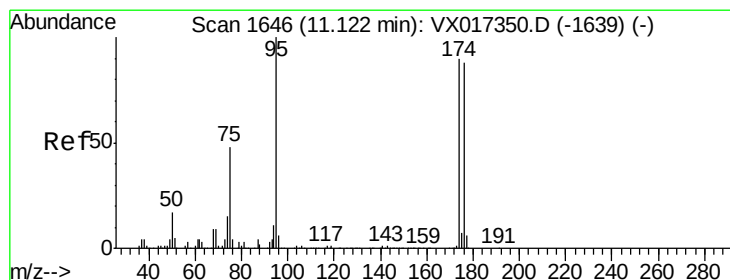
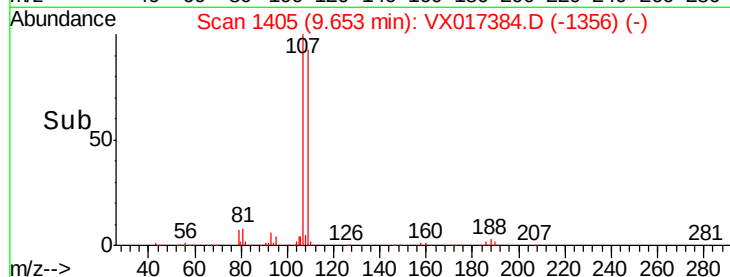
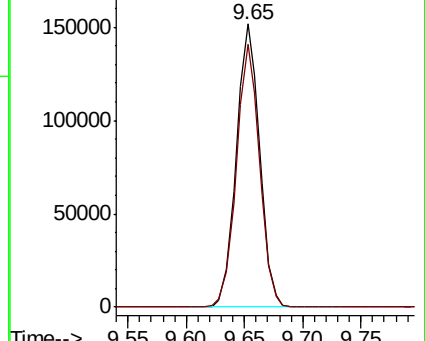
107 100

109 92.4 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.657 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

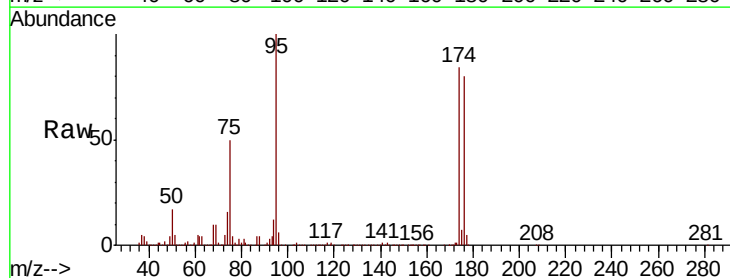
Tgt Ion: 95 Resp: 216573

Ion Ratio Lower Upper

95 100

174 83.3 0.0 175.8

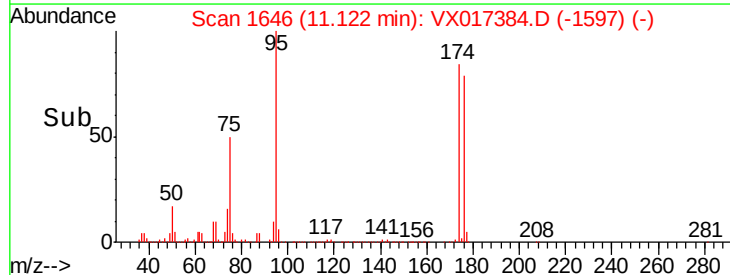
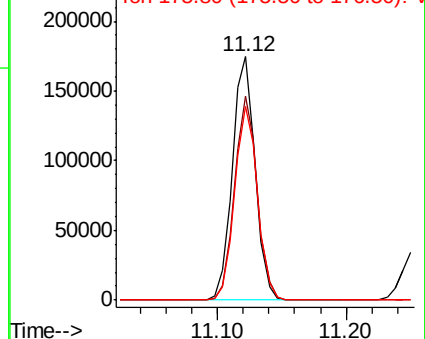
176 79.7 0.0 164.6

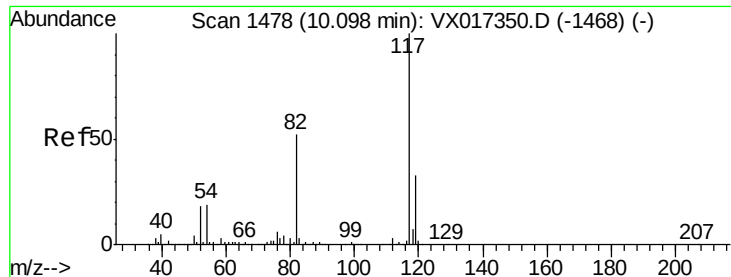


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

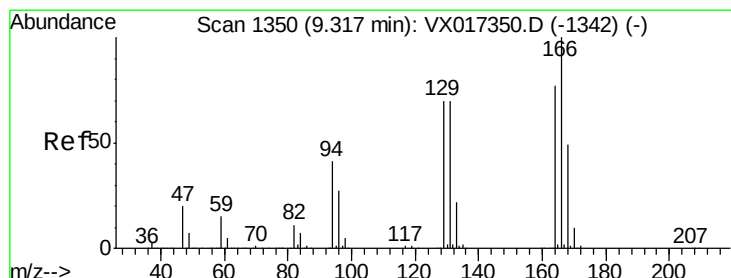
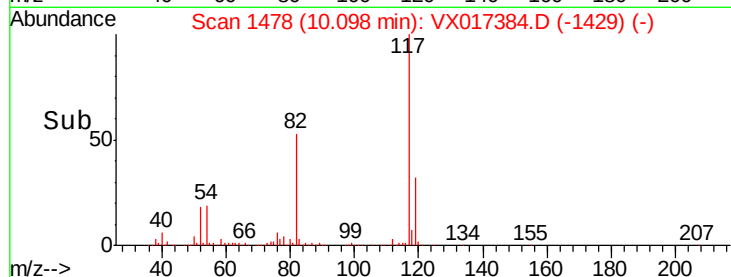
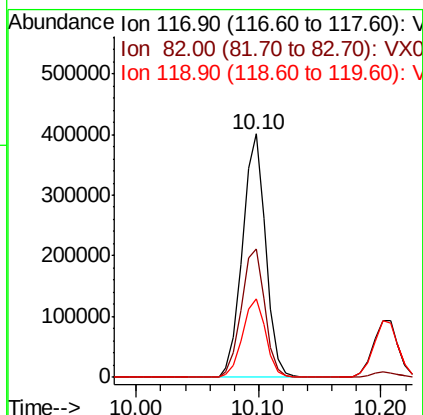
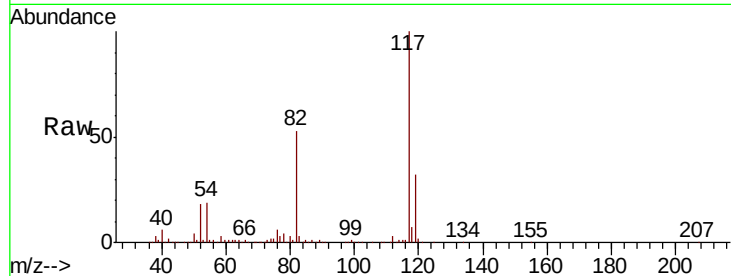




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

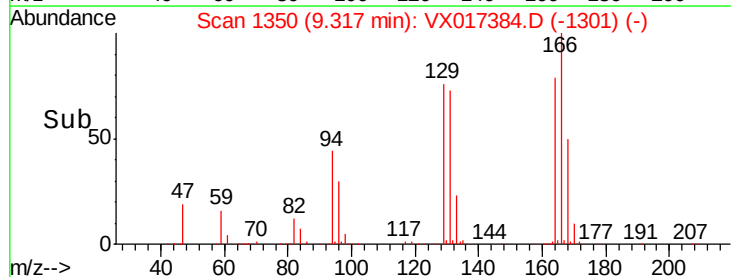
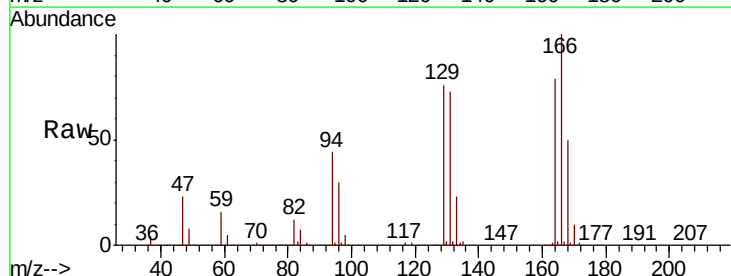
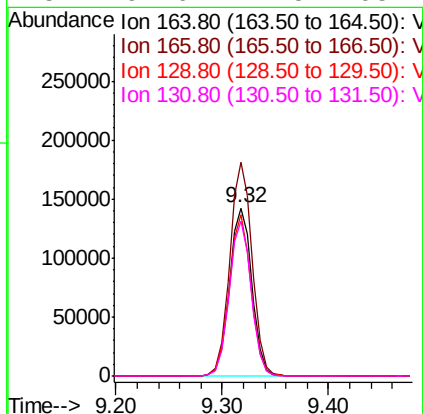
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

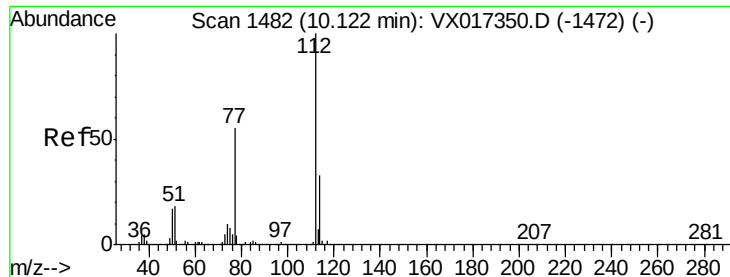
Tot Ion:117 Resp: 523319
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 46.322 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion:164 Resp: 209813
Ion Ratio Lower Upper
164 100
166 127.4 103.9 155.9
129 96.2 72.9 109.3
131 92.6 72.5 108.7

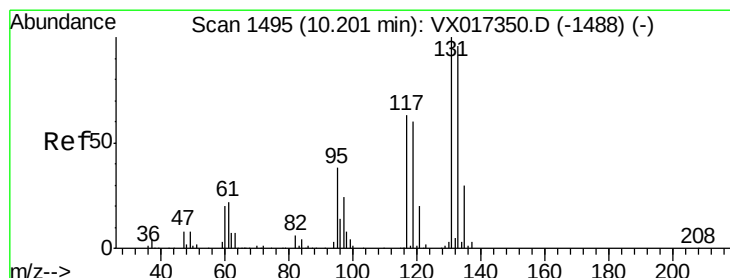
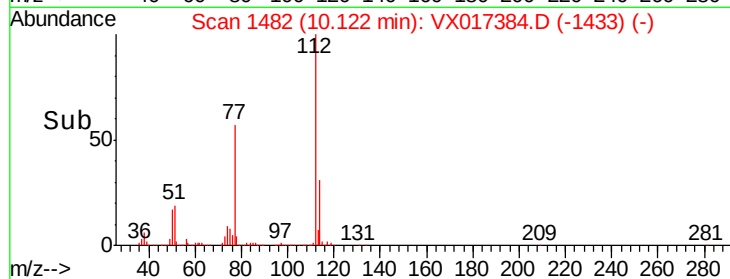
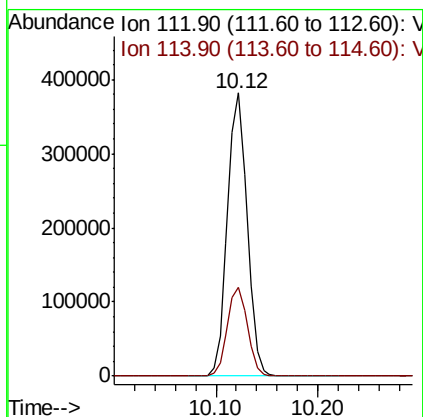
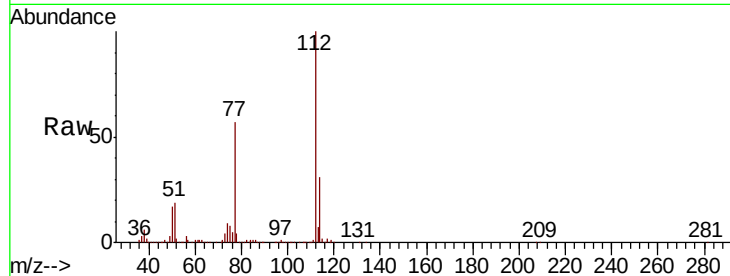




#65
Chlorobenzene
Concen: 48.022 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

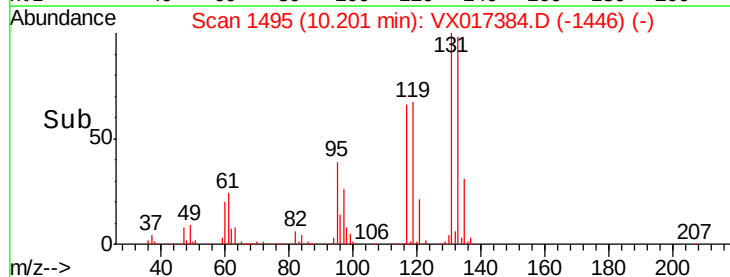
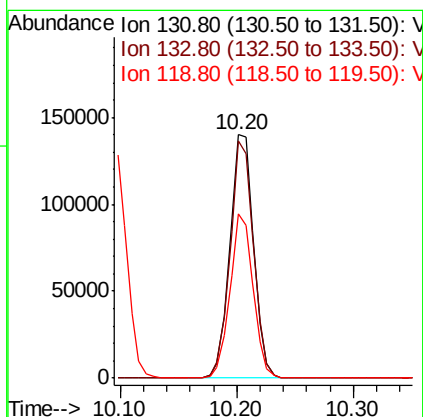
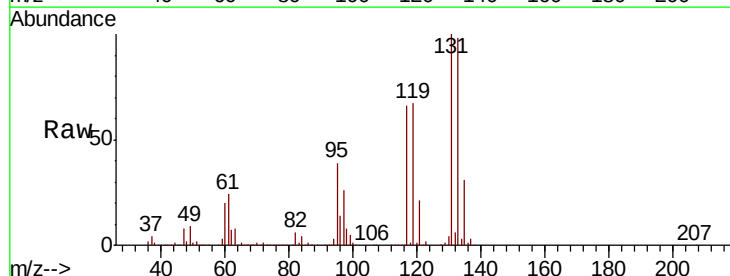
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

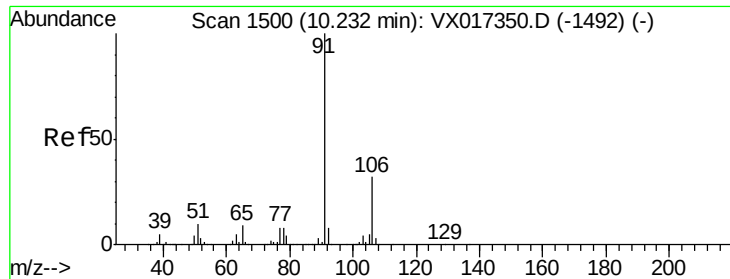
Tot Ion:112 Resp: 510715
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 46.941 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion:131 Resp: 198756
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.2
119 65.8 31.2 93.6

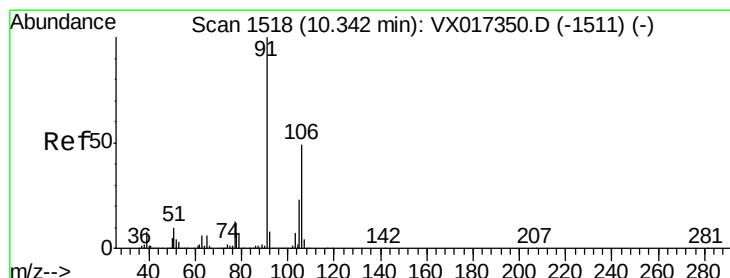
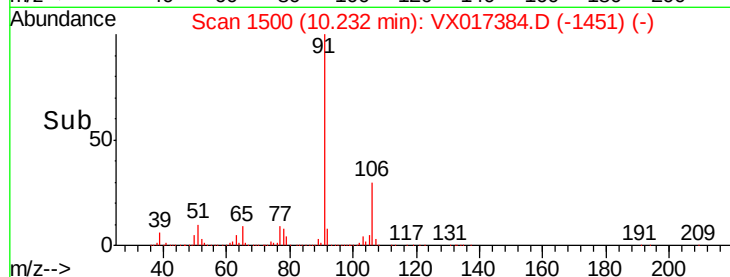
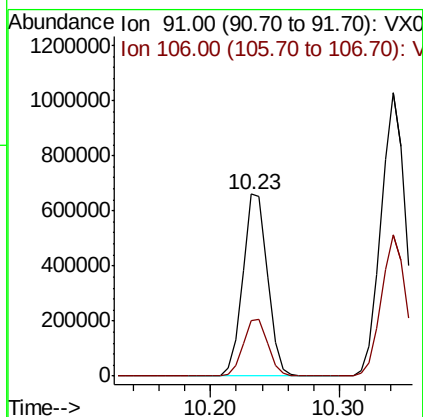
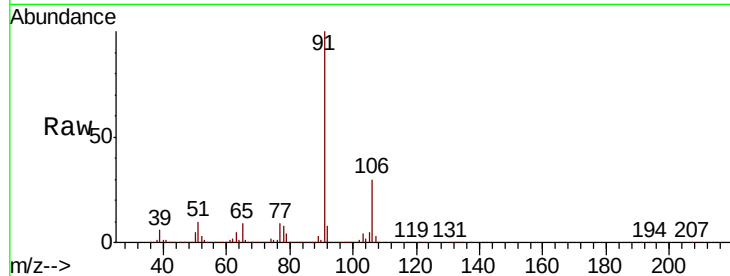




#67
Ethyl Benzene
Concen: 49.070 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

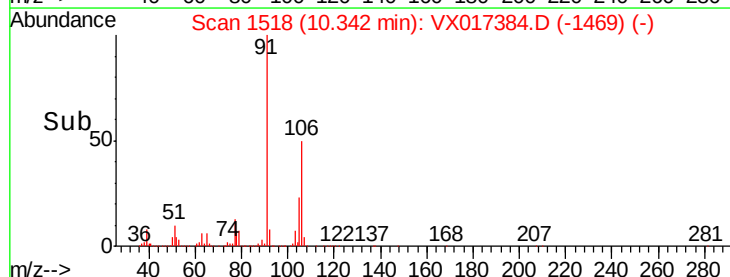
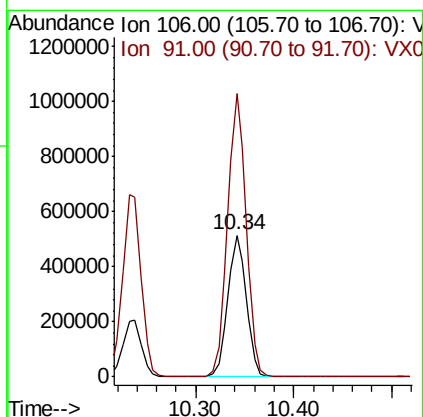
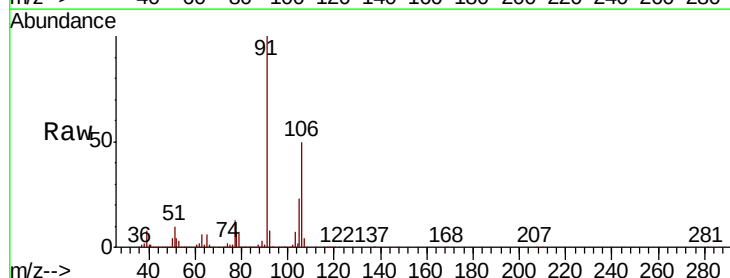
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

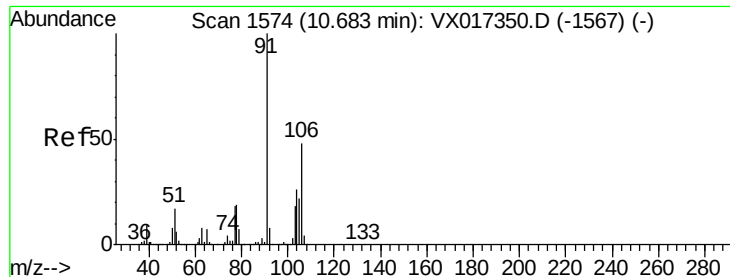
Tot Ion: 91 Resp: 868757
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5



#68
m/p-Xylenes
Concen: 100.391 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion: 106 Resp: 676248
Ion Ratio Lower Upper
106 100
91 200.0 162.5 243.7

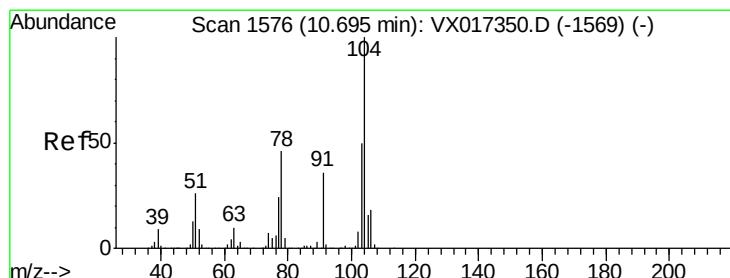
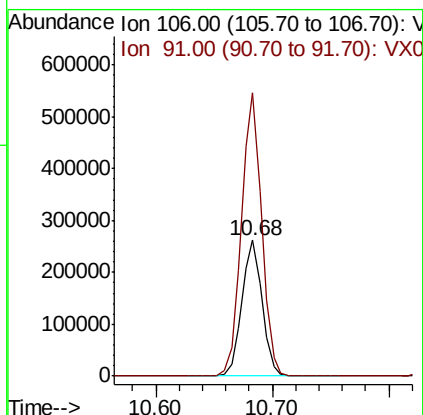
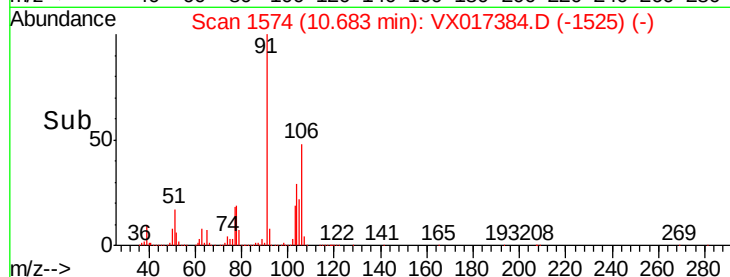
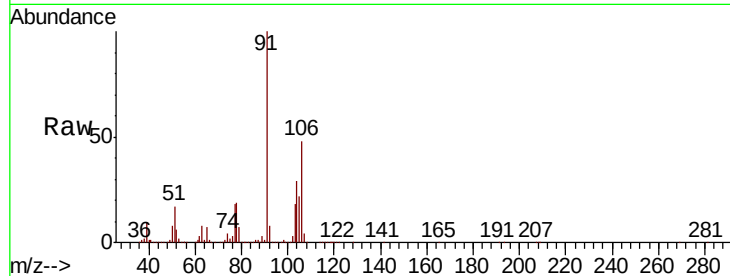




#69
o-Xylene
Concen: 49.271 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

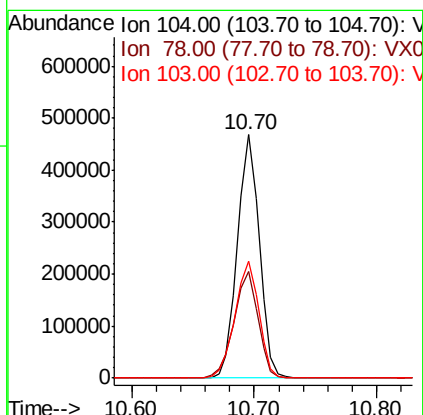
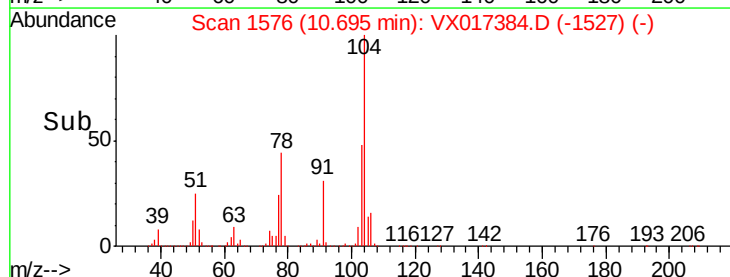
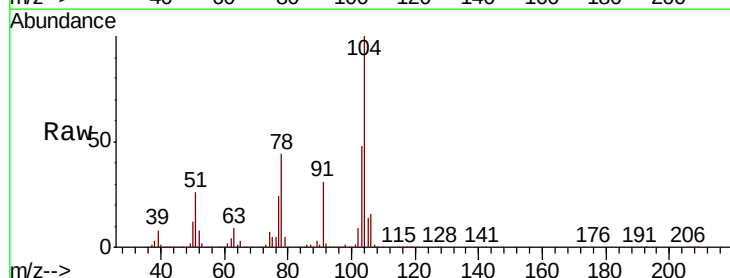
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

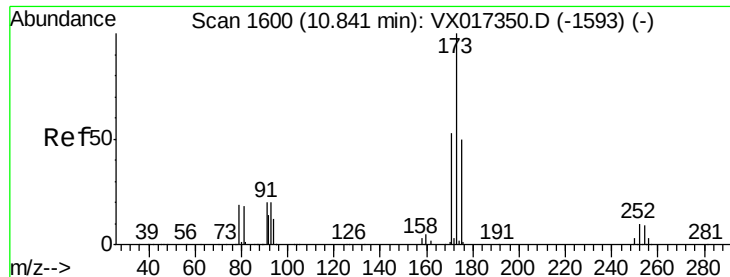
Tot Ion:106 Resp: 317138
Ion Ratio Lower Upper
106 100
91 208.8 106.1 318.1



#70
Styrene
Concen: 52.378 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017384.D
Acq: 16 Jul 2020 11:39

Tgt Ion:104 Resp: 578722
Ion Ratio Lower Upper
104 100
78 48.0 40.8 61.2
103 52.5 43.3 64.9





#71

Bromoform

Concen: 48.446 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

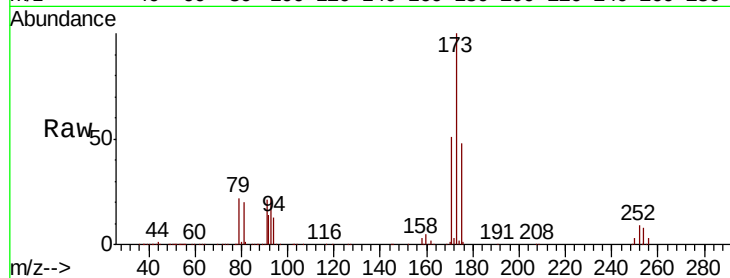
Tot Ion:173 Resp: 173093

Ion Ratio Lower Upper

173 100

175 47.8 24.7 74.1

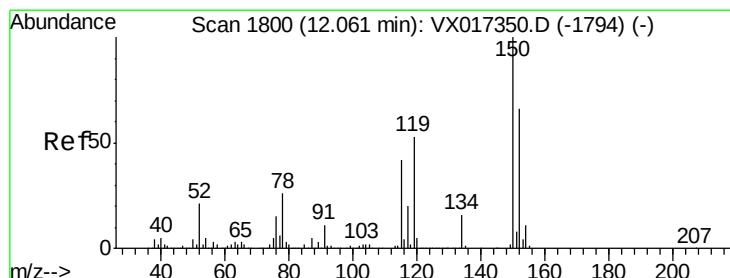
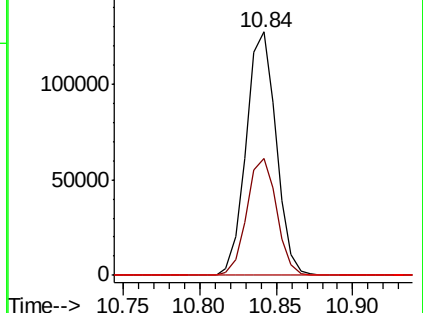
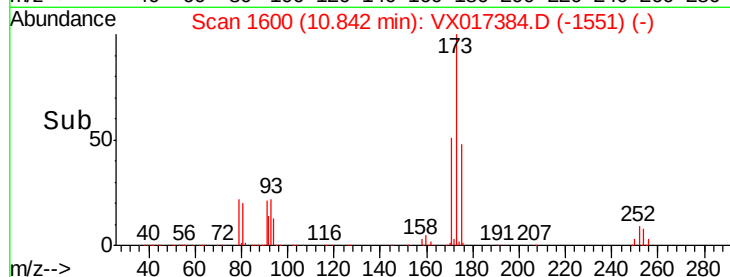
254 0.2 0.1 0.1#



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: VX017384.D

Acq: 16 Jul 2020 11:39

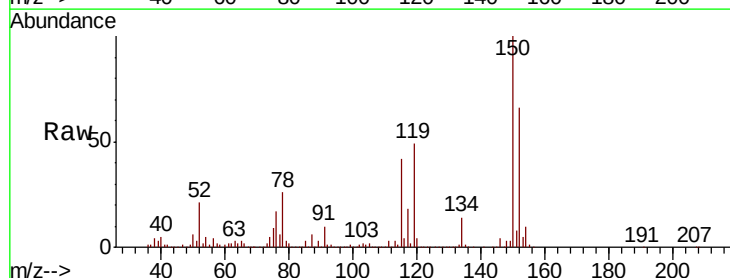
Tgt Ion:152 Resp: 288276

Ion Ratio Lower Upper

152 100

115 78.7 39.9 119.7

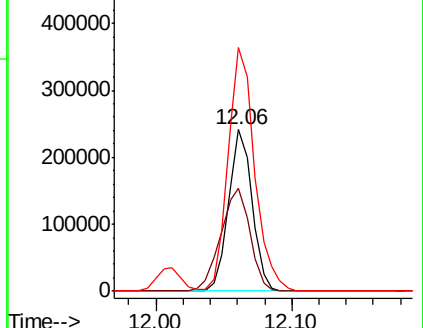
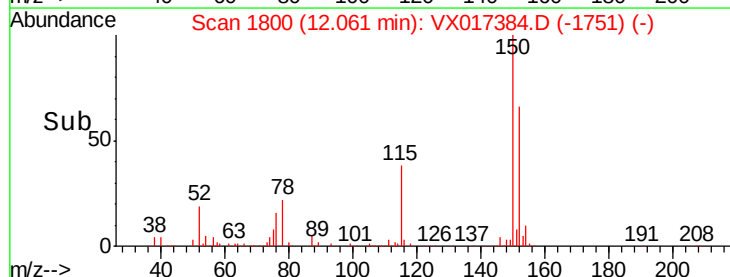
150 170.9 0.0 343.4

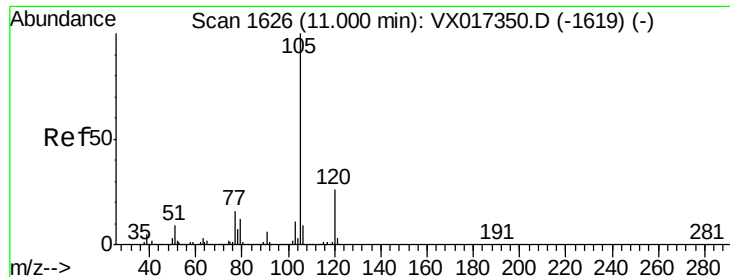


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.002 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

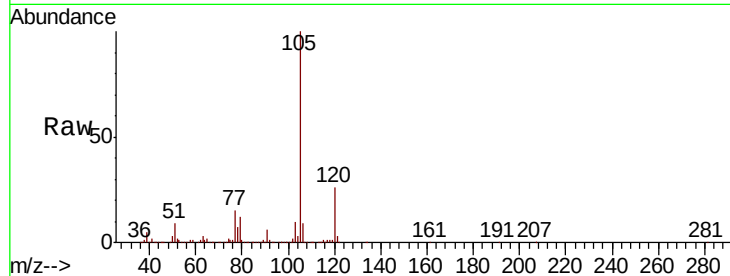
VSTDCCC050

Tot Ion:105 Resp: 849369

Ion Ratio Lower Upper

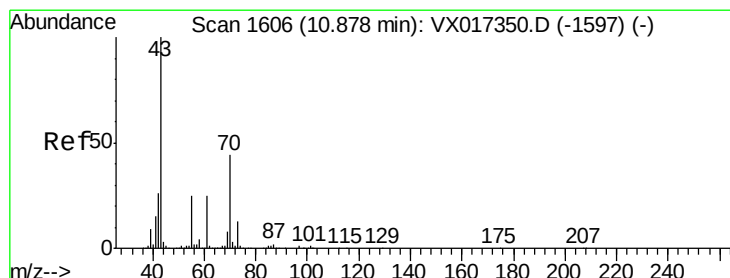
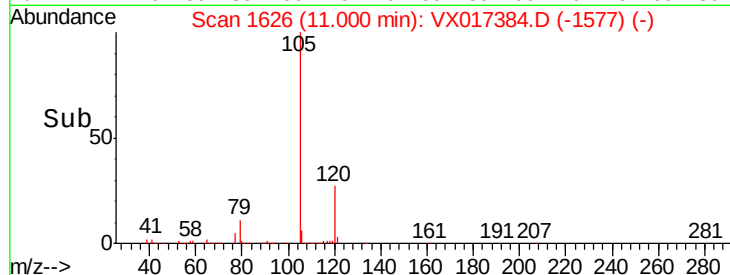
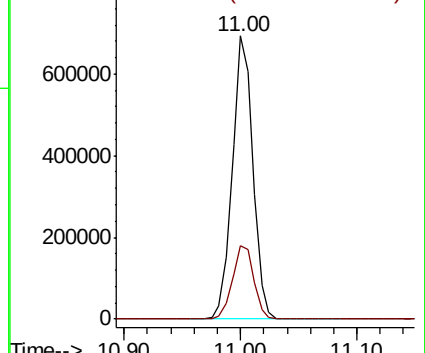
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.756 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Tgt Ion: 43 Resp: 374269

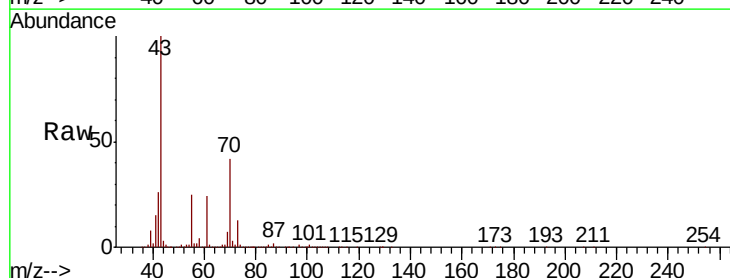
Ion Ratio Lower Upper

43 100

70 43.4 35.7 53.5

55 25.9 20.3 30.5

61 24.3 20.0 30.0

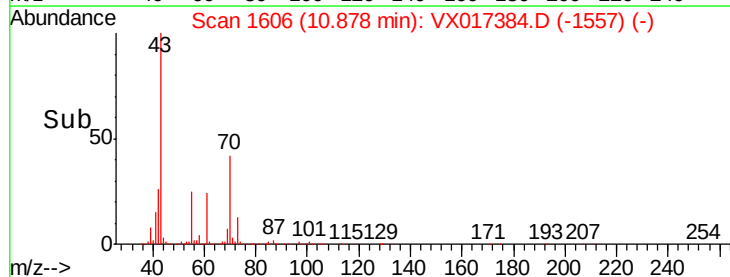
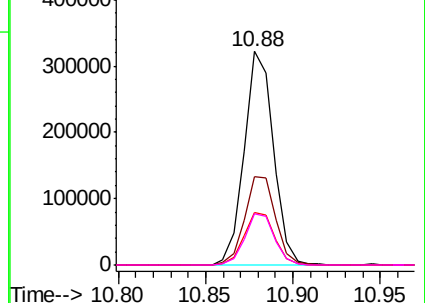


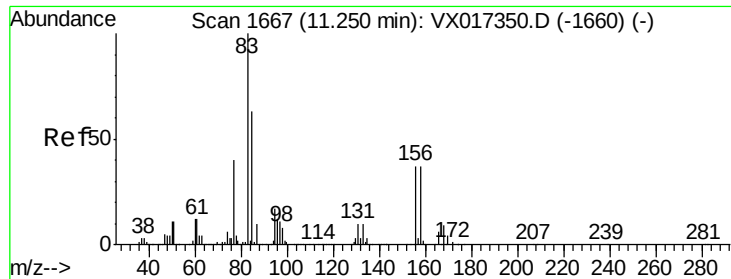
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.716 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

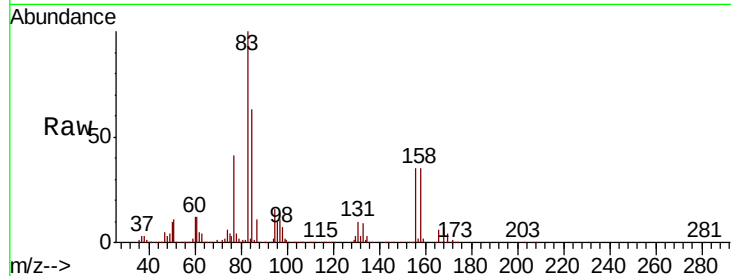
Tot Ion: 83 Resp: 278270

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.7

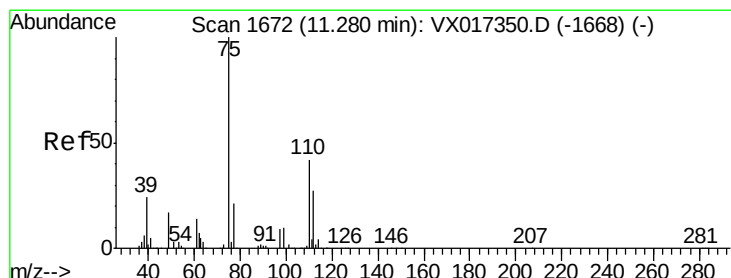
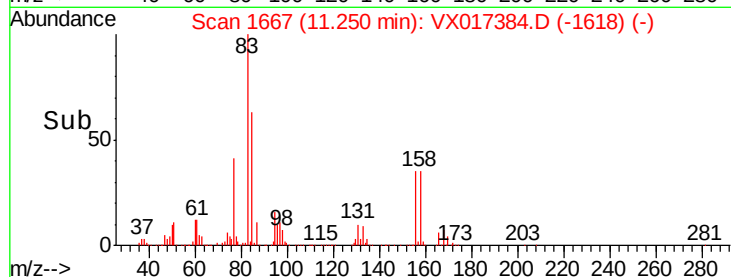
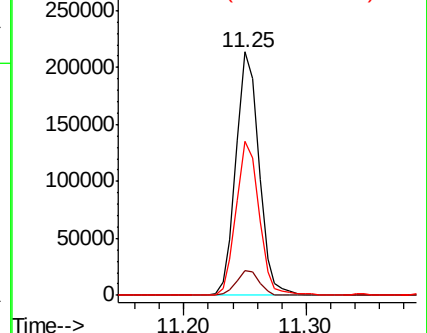
85 63.0 32.6 98.0



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: 64.868 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017384.D

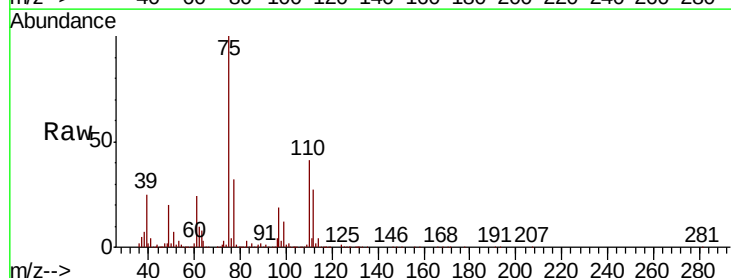
Acq: 16 Jul 2020 11:39

Tgt Ion: 75 Resp: 345540

Ion Ratio Lower Upper

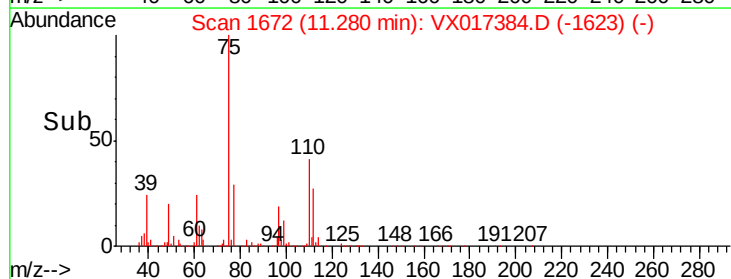
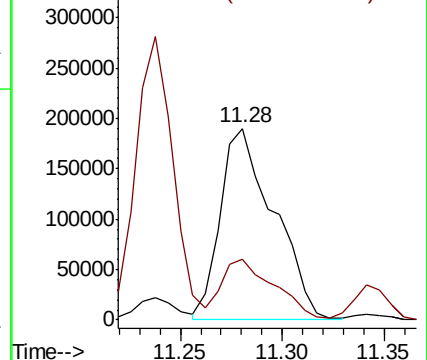
75 100

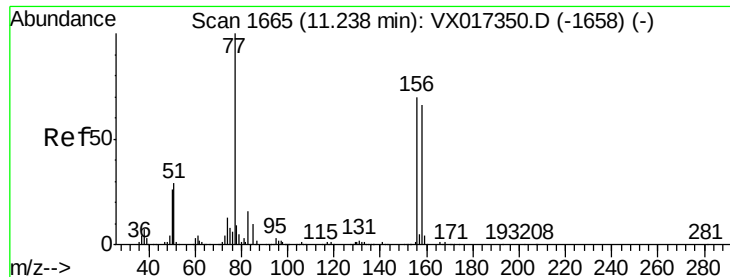
77 31.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.425 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

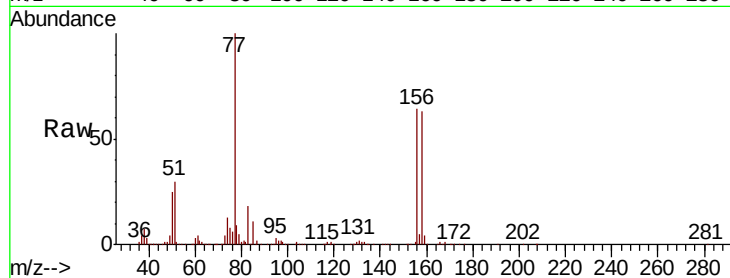
Tot Ion:156 Resp: 228650

Ion Ratio Lower Upper

156 100

77 156.9 72.1 216.3

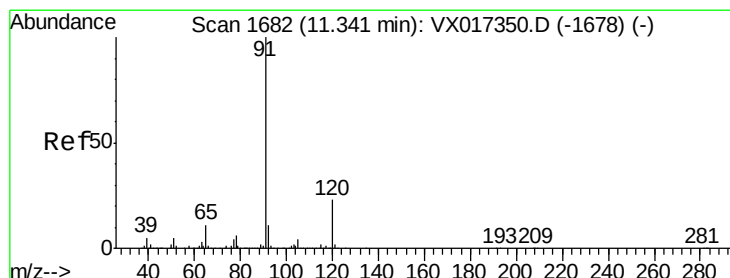
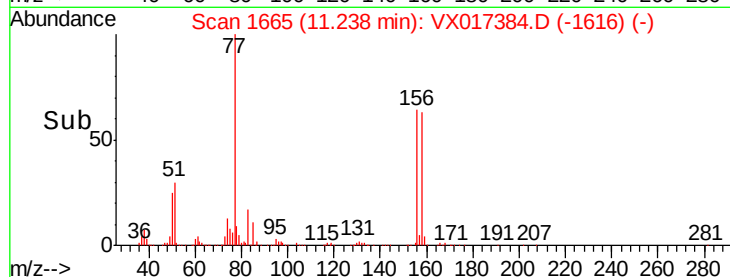
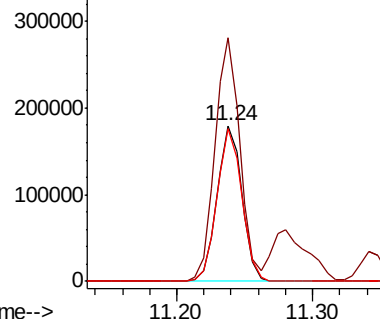
158 98.3 47.4 142.3



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: 49.296 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017384.D

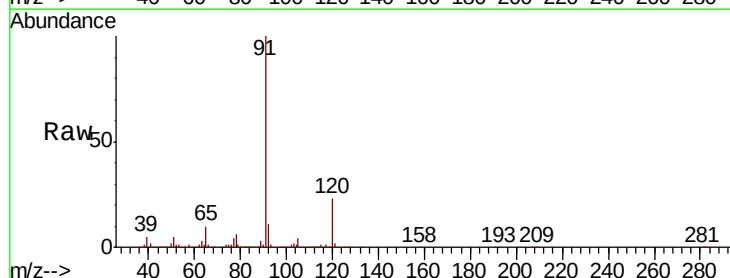
Acq: 16 Jul 2020 11:39

Tgt Ion: 91 Resp: 1000484

Ion Ratio Lower Upper

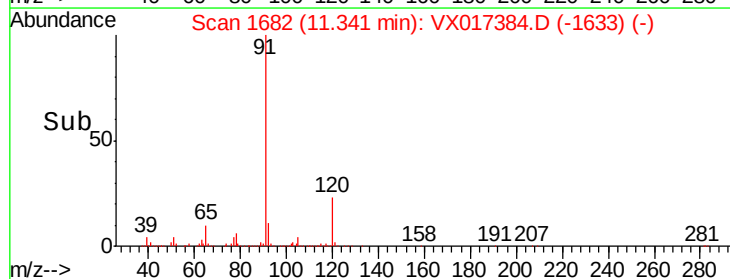
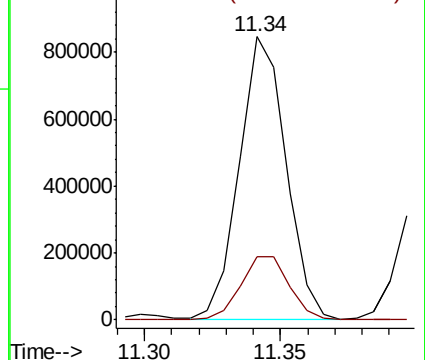
91 100

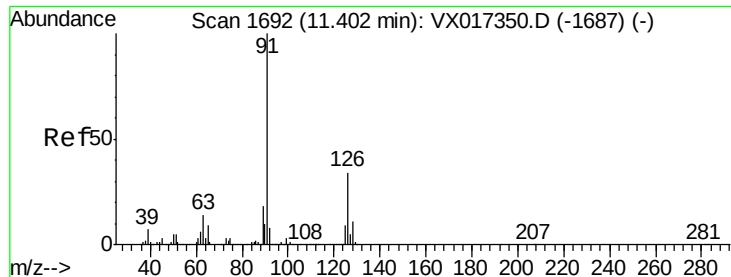
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

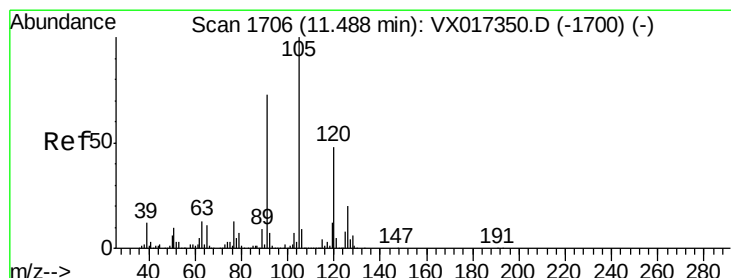
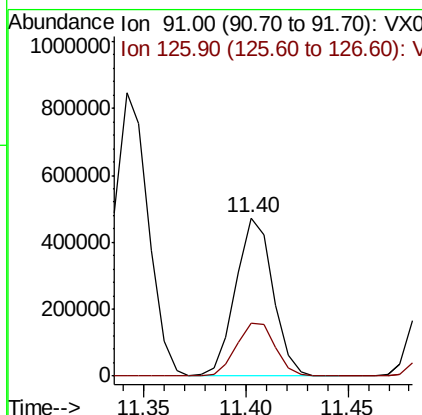
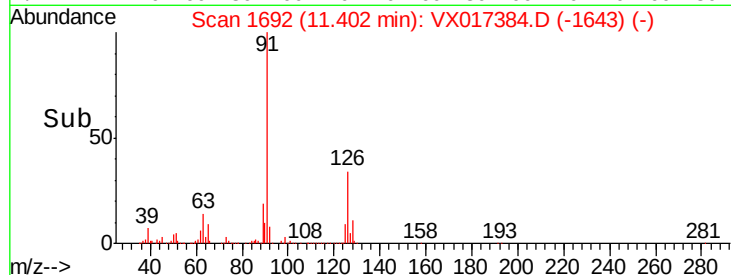
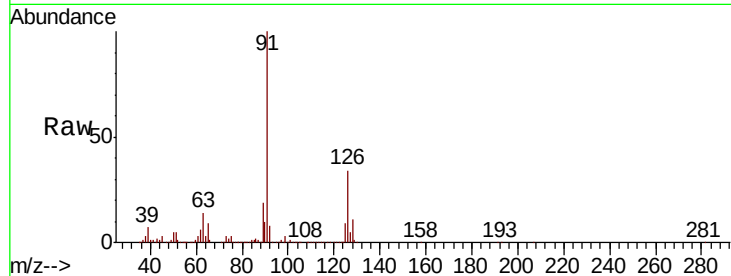




#79
 2-Chlorotoluene
 Concen: 47.756 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

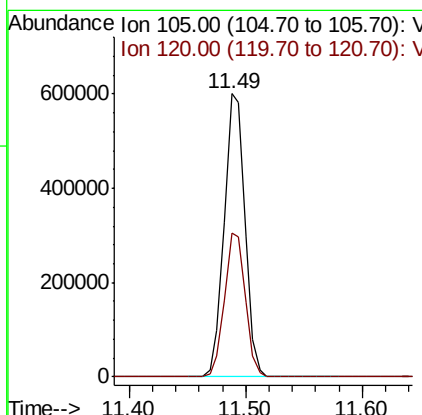
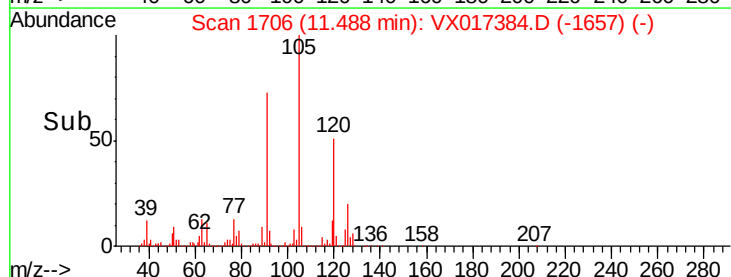
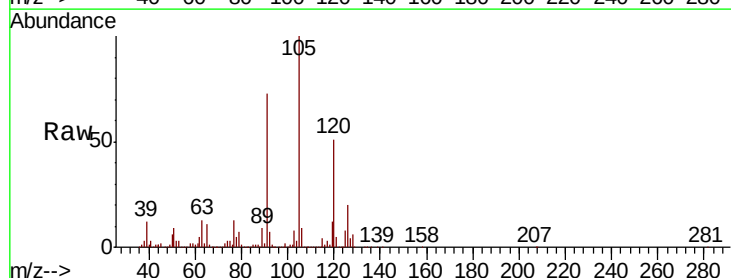
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

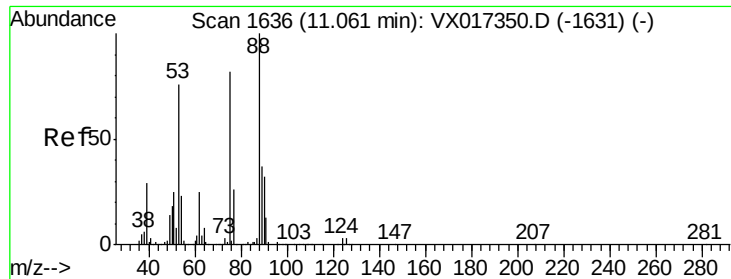
Tot Ion: 91 Resp: 597272
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 48.121 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion: 105 Resp: 738175
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.552 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

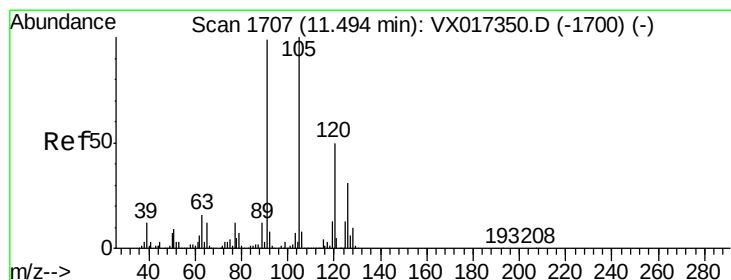
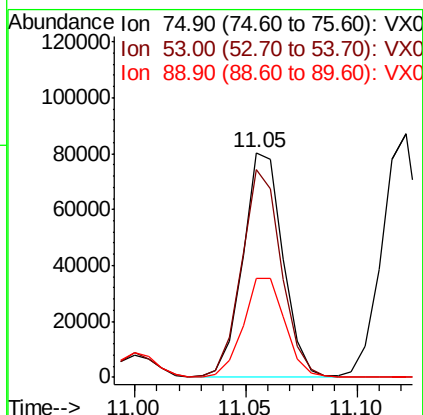
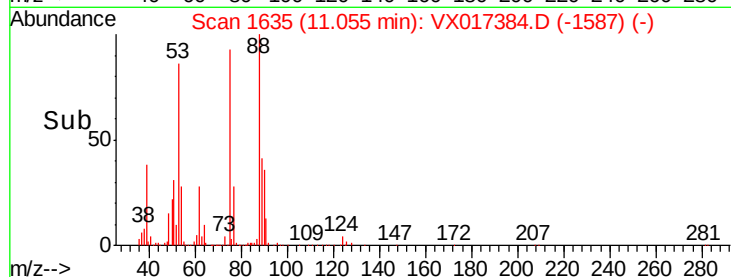
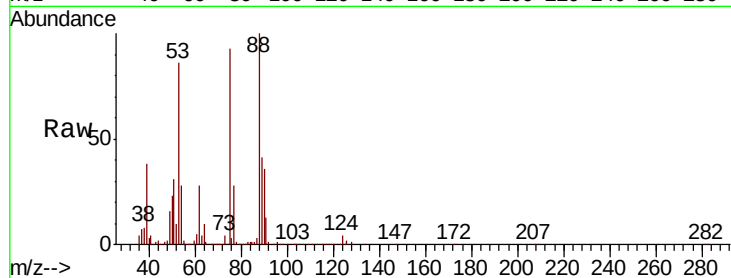
Tot Ion: 75 Resp: 99852

Ion Ratio Lower Upper

75 100

53 92.3 76.5 114.7

89 46.3 38.1 57.1



#82

4-Chlorotoluene

Concen: 48.683 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017384.D

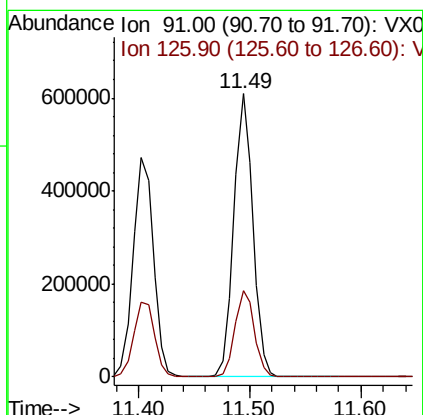
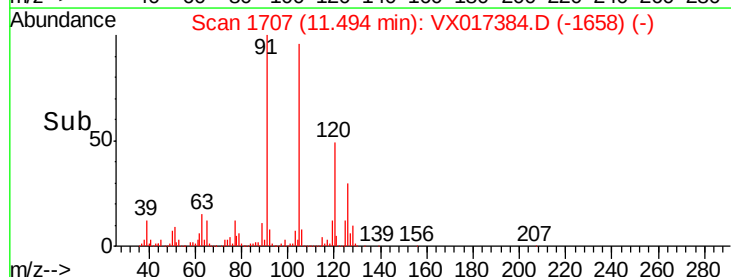
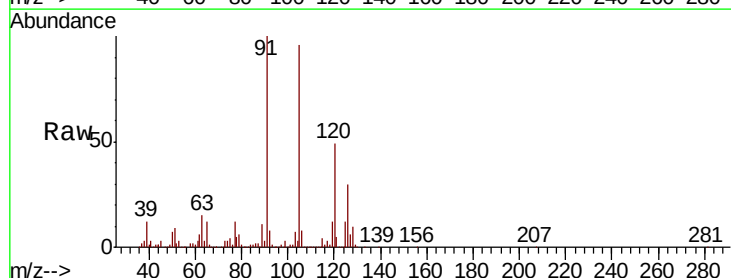
Acq: 16 Jul 2020 11:39

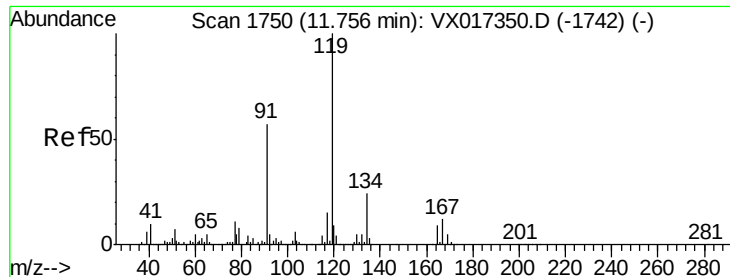
Tgt Ion: 91 Resp: 721589

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

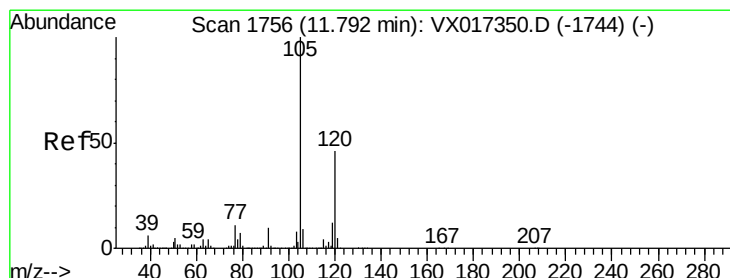
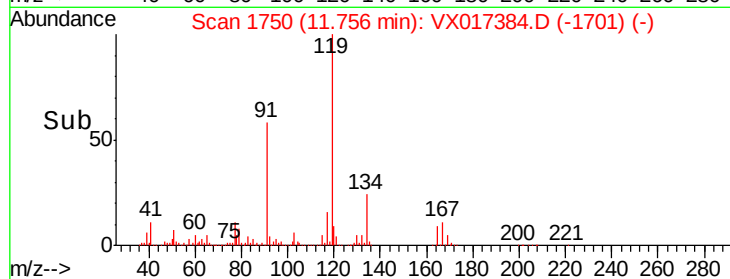
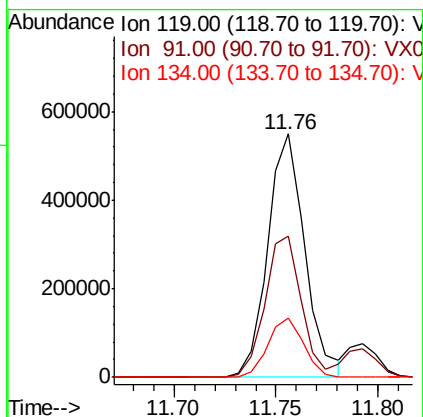
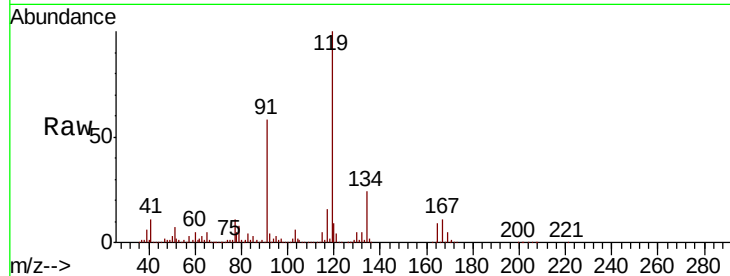




#83
 tert-Butylbenzene
 Concen: 46.808 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

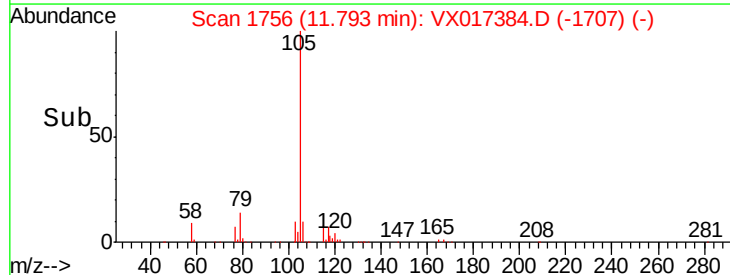
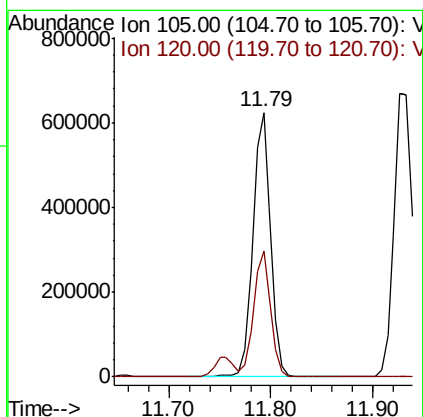
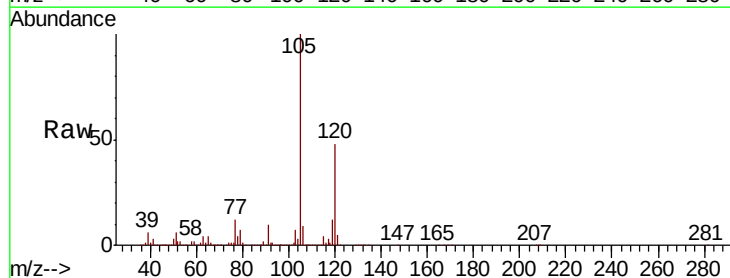
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

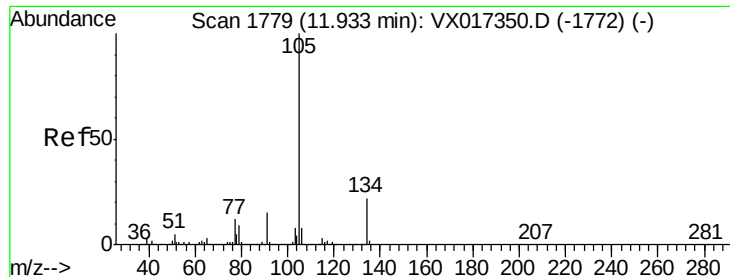
Tot Ion:119 Resp: 694101
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.5 85.6
 134 23.7 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.907 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion:105 Resp: 757934
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 48.572 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

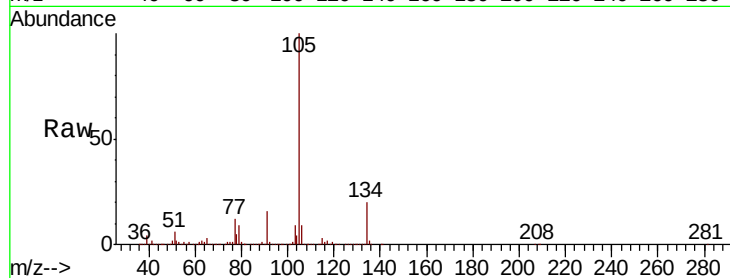
VSTDCCC050

Tot Ion:105 Resp: 843238

Ion Ratio Lower Upper

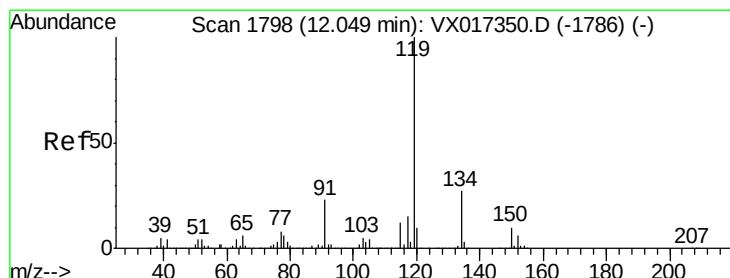
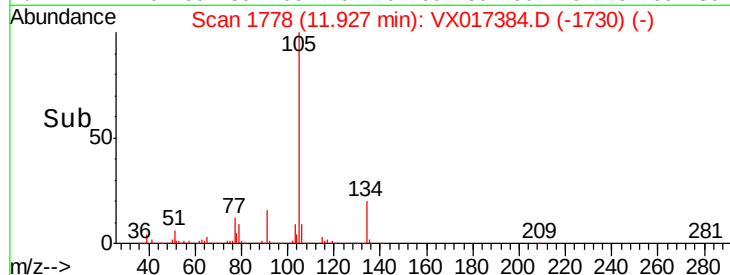
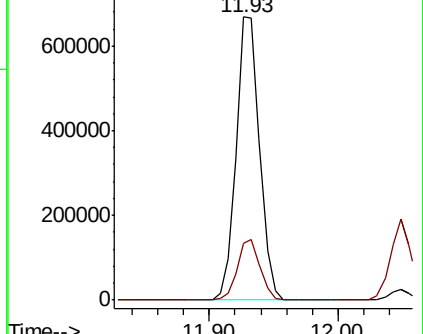
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.701 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

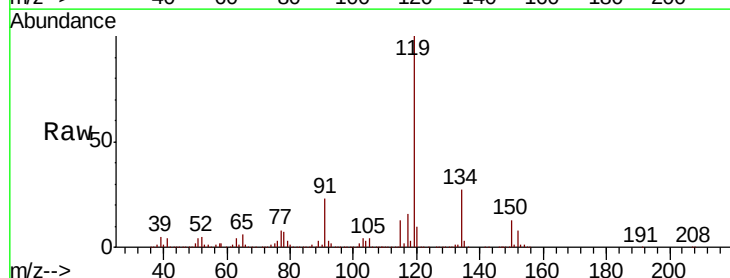
Tgt Ion:119 Resp: 799994

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

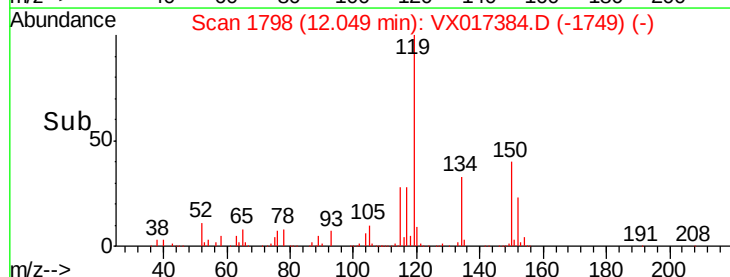
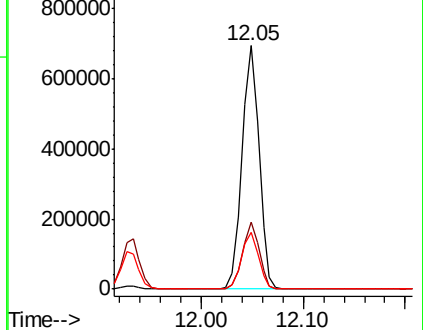
91 23.2 11.8 35.3

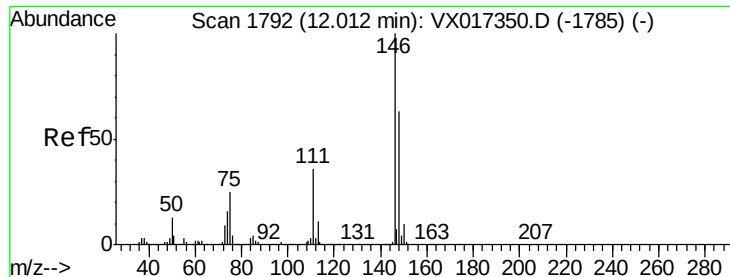


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

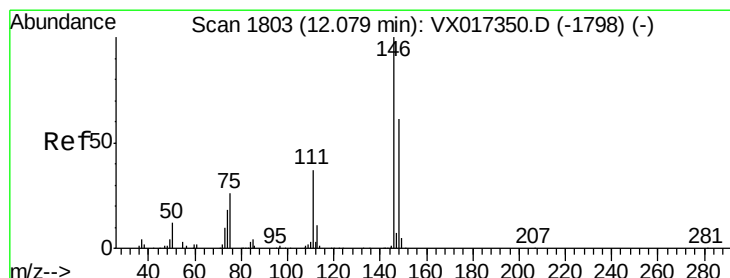
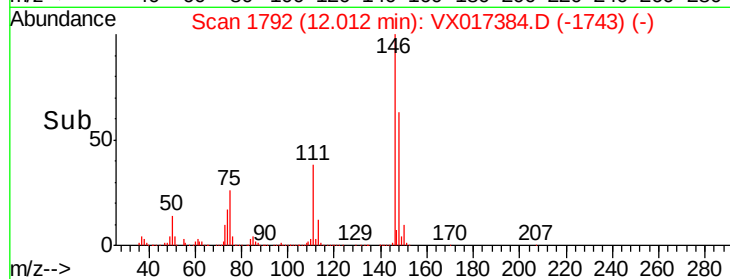
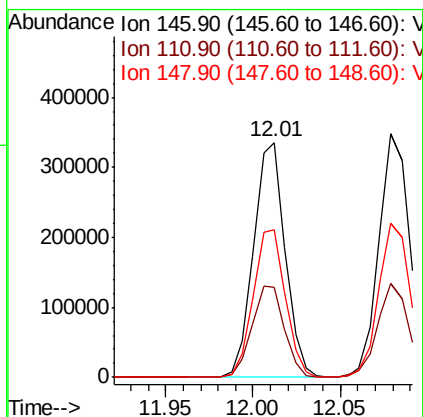
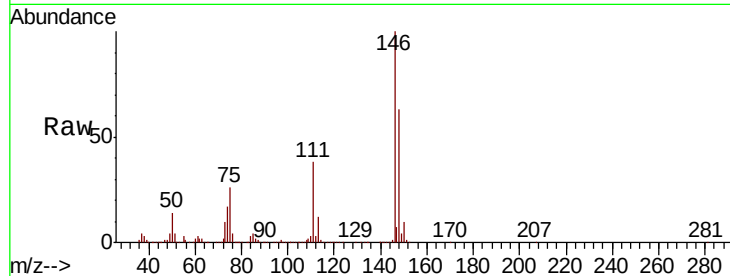




#87
 1,3-Dichlorobenzene
 Concen: 45.744 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

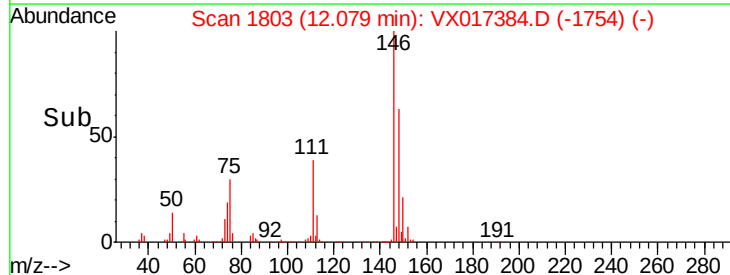
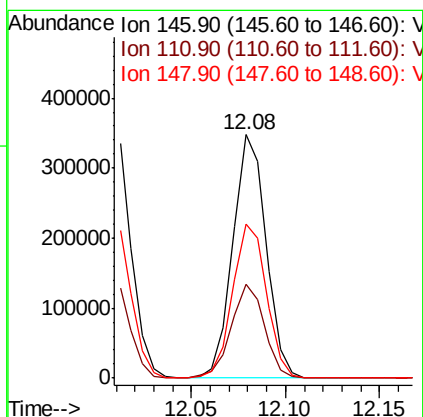
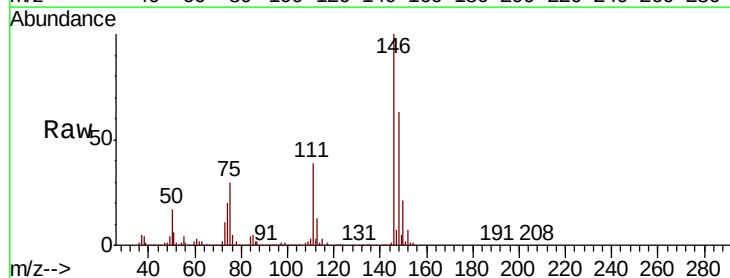
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

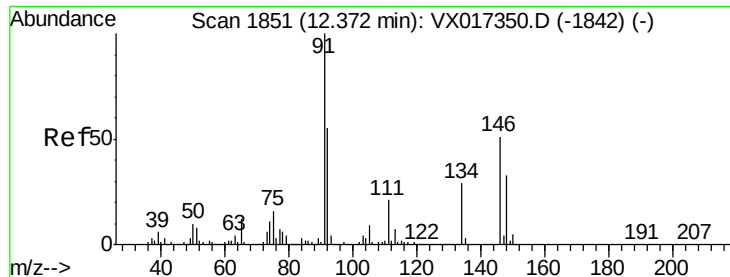
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.2	57.6
148	64.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 45.646 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 49.913 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

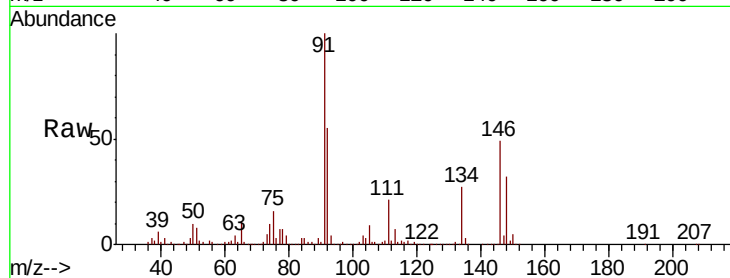
Tot Ion: 91 Resp: 699251

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

134 26.6 14.1 42.2

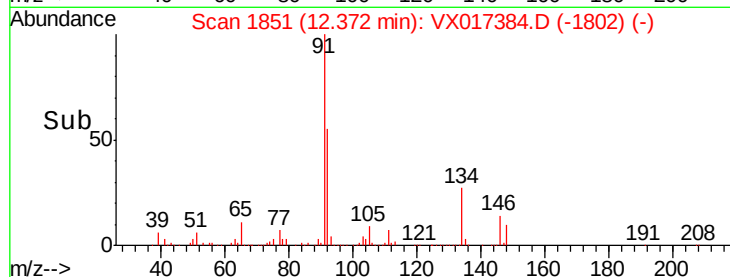


Abundance Ion 91.00 (90.70 to 91.70): VX017350.D

Ion 92.00 (91.70 to 92.70): VX017350.D

Ion 134.00 (133.70 to 134.70): VX017350.D

Time-->

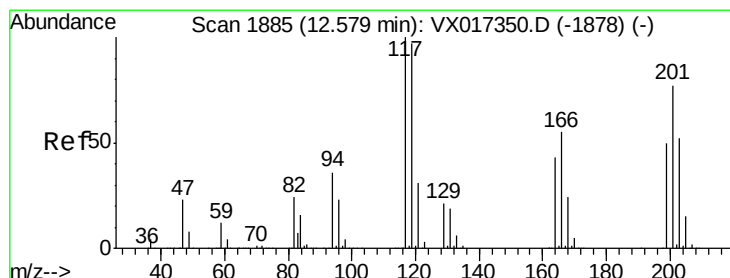


Abundance Ion 91.00 (90.70 to 91.70): VX017384.D

Ion 92.00 (91.70 to 92.70): VX017384.D

Ion 134.00 (133.70 to 134.70): VX017384.D

Time-->



#90

Hexachloroethane

Concen: 49.058 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017384.D

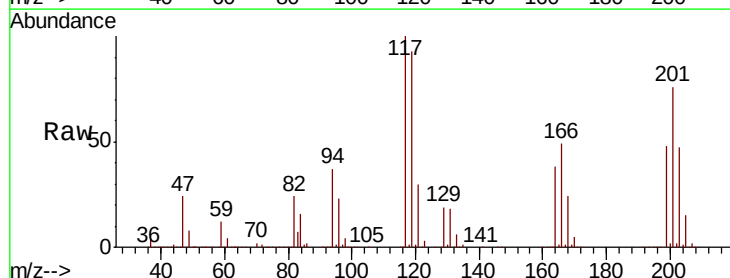
Acq: 16 Jul 2020 11:39

Tgt Ion: 117 Resp: 152991

Ion Ratio Lower Upper

117 100

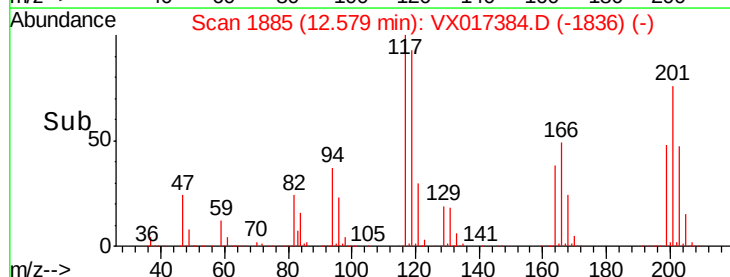
201 78.1 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VX017350.D

Ion 200.70 (200.40 to 201.40): VX017350.D

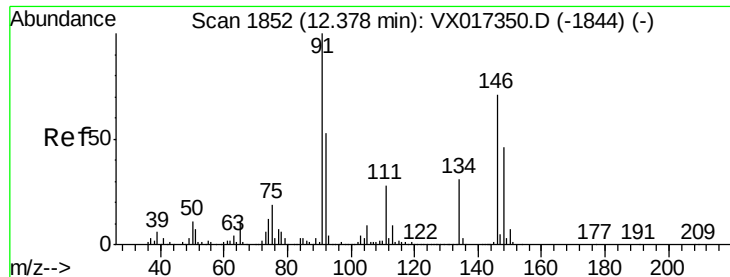
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX017384.D

Ion 200.70 (200.40 to 201.40): VX017384.D

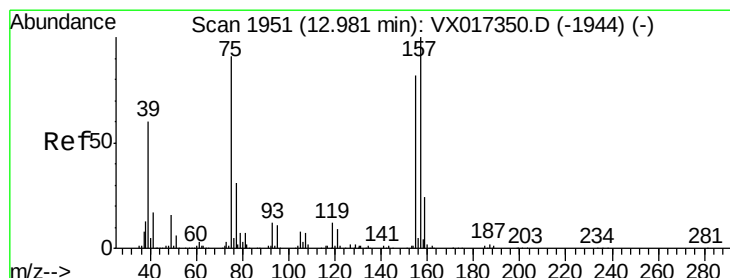
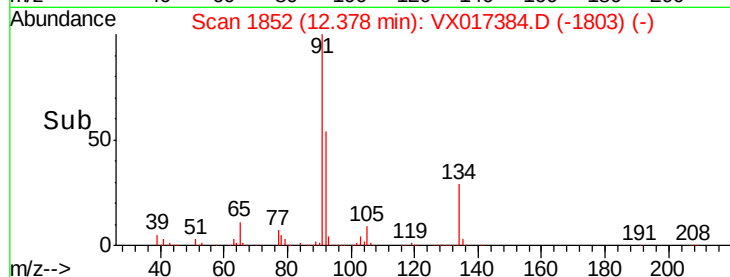
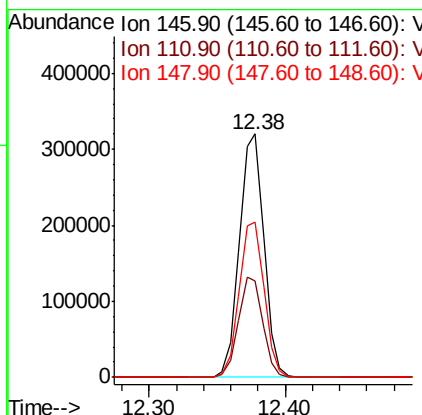
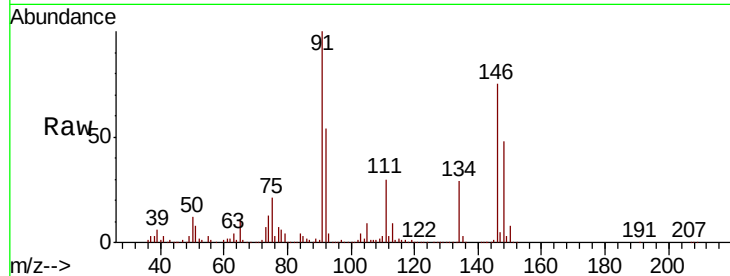
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 46.627 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

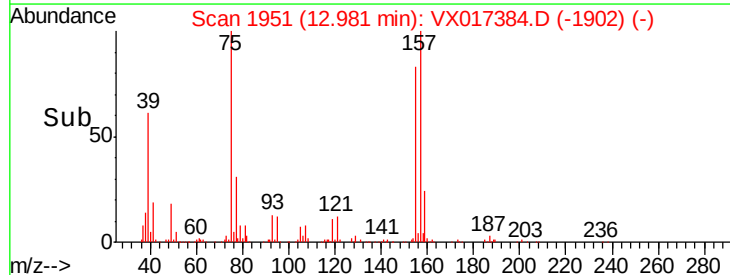
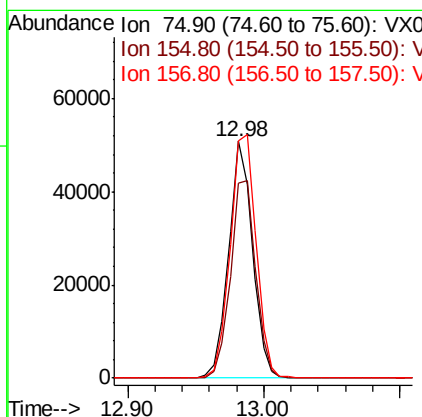
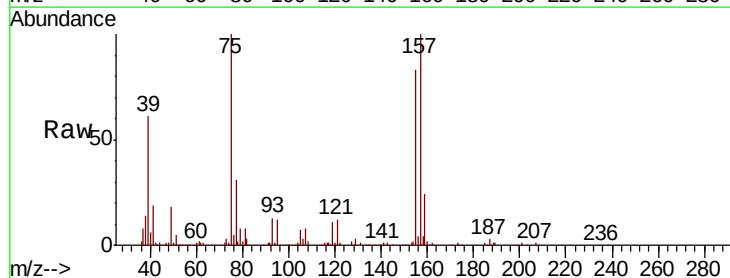
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

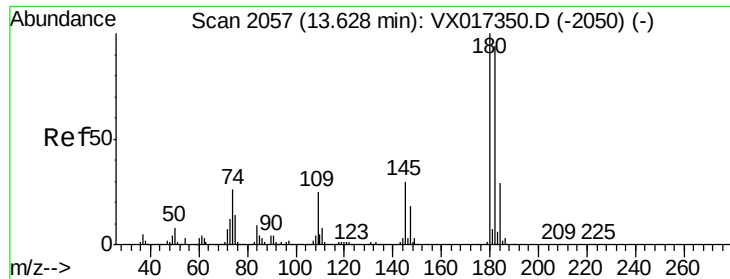
Tot Ion:146 Resp: 403436
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 64.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.776 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017384.D
 Acq: 16 Jul 2020 11:39

Tgt Ion: 75 Resp: 61931
 Ion Ratio Lower Upper
 75 100
 155 88.4 46.5 139.3
 157 111.5 58.0 173.9





#93

1,2,4-Trichlorobenzene

Concen: 44.634 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

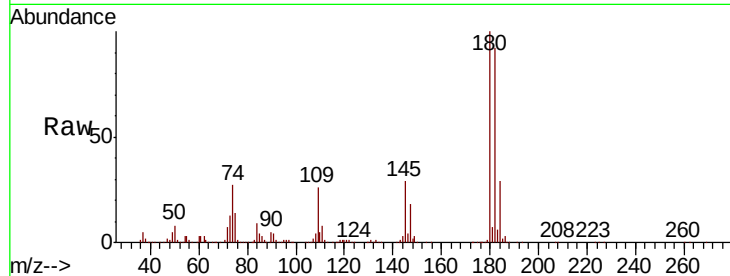
Tot Ion:180 Resp: 268083

Ion Ratio Lower Upper

180 100

182 92.9 48.4 145.0

145 30.2 15.3 45.8

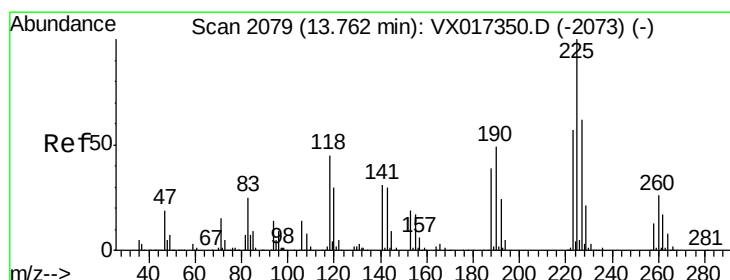
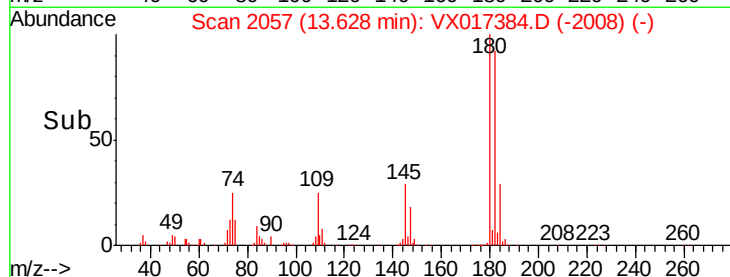
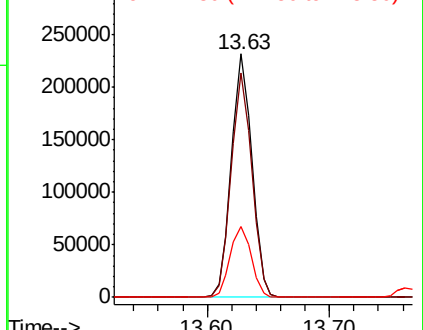


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 46.464 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

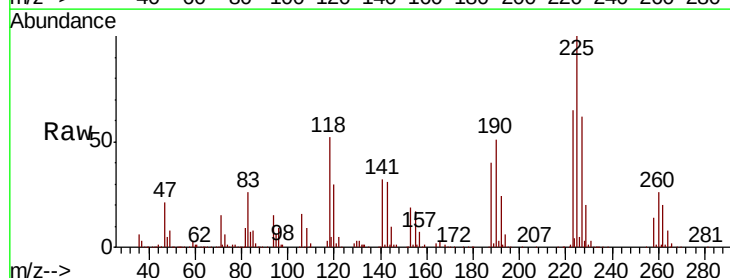
Tgt Ion:225 Resp: 113811

Ion Ratio Lower Upper

225 100

223 64.7 31.3 93.8

227 63.8 31.6 95.0

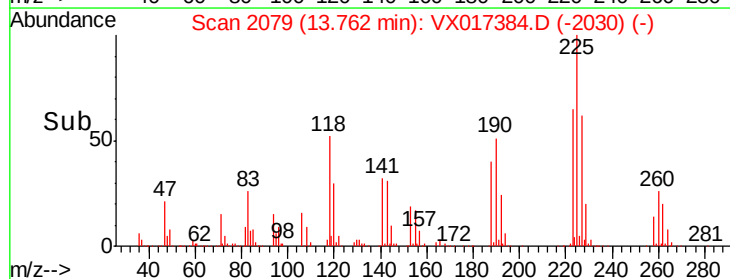
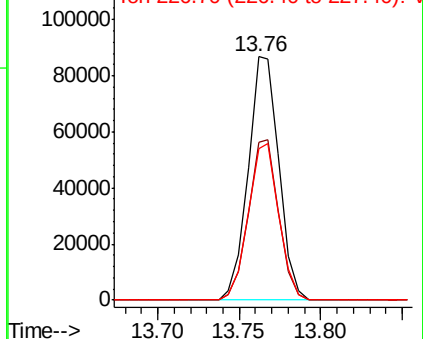


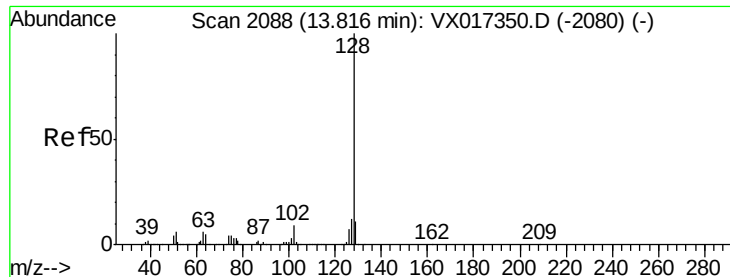
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.668 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

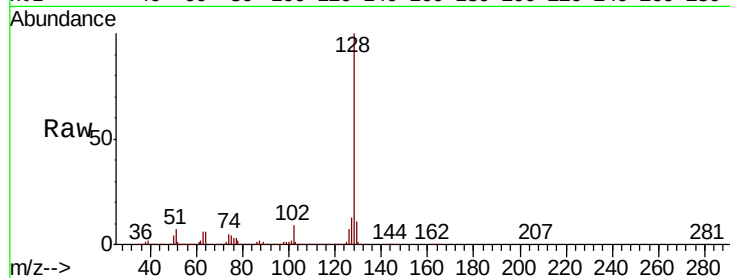
Tot Ion:128 Resp: 841812

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

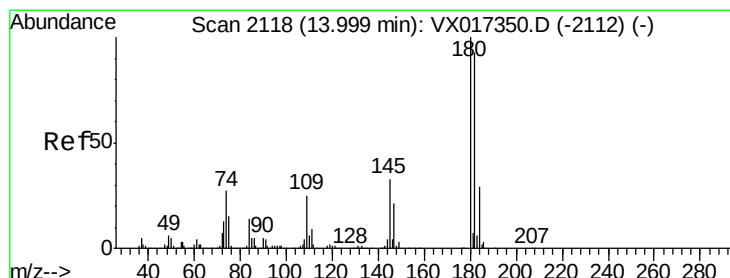
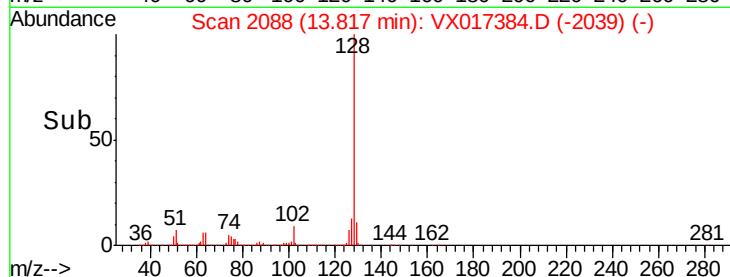
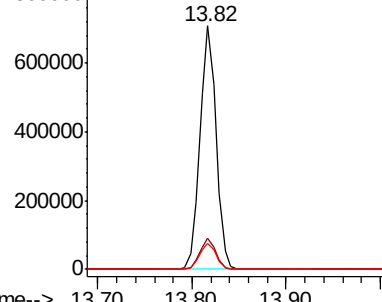
129 11.0 8.9 13.3



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: 46.088 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017384.D

Acq: 16 Jul 2020 11:39

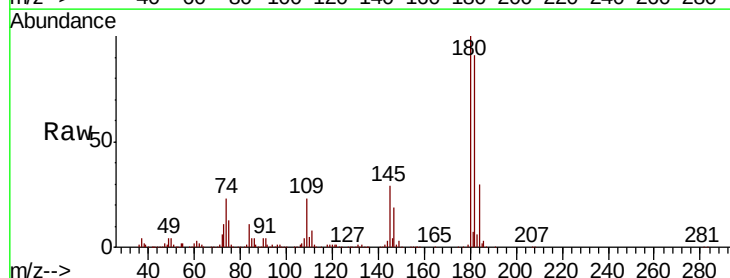
Tgt Ion:180 Resp: 267401

Ion Ratio Lower Upper

180 100

182 93.4 48.8 146.3

145 31.3 16.6 49.7



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

