

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017506.D
 Acq On : 23 Jul 2020 21:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 06:01:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	507205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	787555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	807763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385163	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	335410	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
35) Dibromofluoromethane	5.47	113	259120	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.70	98	1038651	54.66	ug/l	0.00
Spiked Amount			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	11.12	95	355884	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	242047	51.467	ug/l	99
3) Chloromethane	1.32	50	337756	53.844	ug/l	100
4) Vinyl Chloride	1.39	62	318743	49.940	ug/l	100
5) Bromomethane	1.62	94	189811	55.675	ug/l	97
6) Chloroethane	1.71	64	188082	53.493	ug/l	98
7) Trichlorofluoromethane	1.92	101	483728	48.185	ug/l	99
8) Diethyl Ether	2.17	74	175212	53.941	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	261886	47.537	ug/l	98
10) Methyl Iodide	2.49	142	340578	48.322	ug/l	99
11) Tert butyl alcohol	3.02	59	371167	270.303	ug/l	100
12) 1,1-Dichloroethene	2.35	96	269441	51.431	ug/l	95
13) Acrolein	2.28	56	253773	242.193	ug/l	100
14) Allyl chloride	2.71	41	481566	50.341	ug/l	100
15) Acrylonitrile	3.12	53	756349	255.020	ug/l	99
16) Acetone	2.42	43	773974	269.903	ug/l	100
17) Carbon Disulfide	2.55	76	772117	48.489	ug/l	100
18) Methyl Acetate	2.75	43	333945	49.447	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	906404	49.987	ug/l	99
20) Methylene Chloride	2.84	84	283284	52.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	272704	48.590	ug/l	98
22) Diisopropyl ether	3.82	45	902220	51.581	ug/l #	83
23) Vinyl Acetate	3.79	43	4154538	266.392	ug/l	98
24) 1,1-Dichloroethane	3.67	63	515735	51.185	ug/l	98
25) 2-Butanone	4.64	43	1235015	303.166	ug/l	98
26) 2,2-Dichloropropane	4.55	77	418188	46.366	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	337521	55.369	ug/l	98
28) Bromochloromethane	4.99	49	236002	51.687	ug/l	97
29) Tetrahydrofuran	5.09	42	706808	280.105	ug/l	99
30) Chloroform	5.18	83	520252	50.533	ug/l	100
31) Cyclohexane	5.55	56	376239	46.825	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	485356	49.994	ug/l	99
36) 1,1-Dichloropropene	5.77	75	363869	48.173	ug/l	98
37) Ethyl Acetate	4.79	43	461100	55.793	ug/l	100
38) Carbon Tetrachloride	5.76	117	436302	47.566	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	376454	42.693	ug/l	98
40) Benzene	6.12	78	1065041	49.182	ug/l	99
41) Methacrylonitrile	5.01	41	249233	52.612	ug/l	98
42) 1,2-Dichloroethane	6.16	62	453869	51.231	ug/l	100
43) Isopropyl Acetate	6.42	43	705882	51.766	ug/l	100
44) Trichloroethene	7.19	130	307736	48.627	ug/l	96
45) 1,2-Dichloropropane	7.49	63	271938	45.299	ug/l	99
46) Dibromomethane	7.64	93	196175	46.240	ug/l	97
47) Bromodichloromethane	7.88	83	409765	48.002	ug/l	99
48) Methyl methacrylate	7.75	41	333703	49.370	ug/l	100
49) 1,4-Dioxane	7.71	88	140113	1081.196	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2499939	307.266	ug/l	99
52) Toluene	8.77	92	768592	55.343	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	529689	55.431	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	547086	56.129	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	337020	58.254	ug/l	99
56) Ethyl methacrylate	9.16	69	520473	59.714	ug/l	99
57) 1,3-Dichloropropane	9.35	76	553340	58.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1311397	285.582	ug/l	100
59) 2-Hexanone	9.48	43	1948790	318.141	ug/l	99
60) Dibromochloromethane	9.57	129	416641	56.661	ug/l	99
61) 1,2-Dibromoethane	9.65	107	365456	59.333	ug/l	100
64) Tetrachloroethene	9.32	164	328927	45.370	ug/l	97
65) Chlorobenzene	10.12	112	804391	46.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	336667	47.711	ug/l	99
67) Ethyl Benzene	10.23	91	1399231	47.942	ug/l	98
68) m/p-Xylenes	10.34	106	1057993	93.574	ug/l	98
69) o-Xylene	10.68	106	505354	46.472	ug/l	99
70) Styrene	10.69	104	875490	47.319	ug/l	99
71) Bromoform	10.84	173	286225	46.818	ug/l #	100
73) Isopropylbenzene	11.00	105	1281261	48.491	ug/l	100
74) N-amyl acetate	10.88	43	596408	50.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	393485	47.710	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	500623	63.186	ug/l	82
77) Bromobenzene	11.24	156	356544	48.200	ug/l	99
78) n-propylbenzene	11.34	91	1427167	47.890	ug/l	100
79) 2-Chlorotoluene	11.40	91	869264	47.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1116410	49.486	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	147282	46.841	ug/l	96
82) 4-Chlorotoluene	11.49	91	1052540	48.335	ug/l	100
83) tert-Butylbenzene	11.76	119	1068973	49.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1114632	49.674	ug/l	99
85) sec-Butylbenzene	11.93	105	1217037	48.397	ug/l	100
86) p-Isopropyltoluene	12.05	119	1167466	48.751	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	604855	47.616	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	609553	46.327	ug/l	99
89) n-Butylbenzene	12.37	91	984619	46.142	ug/l	98
90) Hexachloroethane	12.58	117	217650	46.100	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	582174	46.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106142	45.739	ug/l	98

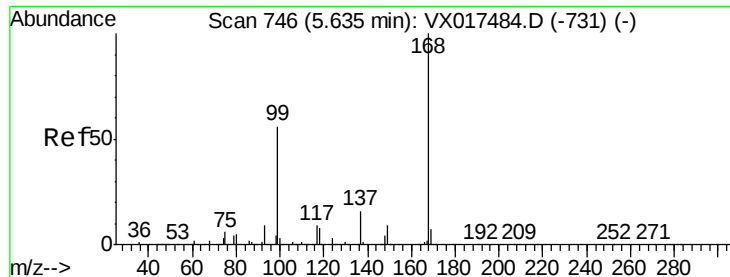
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	424613	49.834	ug/l	98
94) Hexachlorobutadiene	13.77	225	175596	44.770	ug/l	96
95) Naphthalene	13.82	128	1335827	52.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	423103	50.291	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

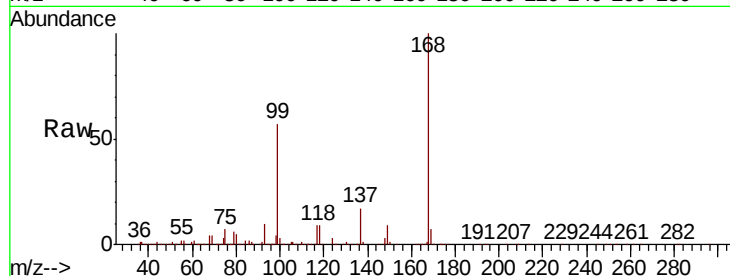
VSTDCCC050

Tot Ion:168 Resp: 507205

Ion Ratio Lower Upper

168 100

99 56.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

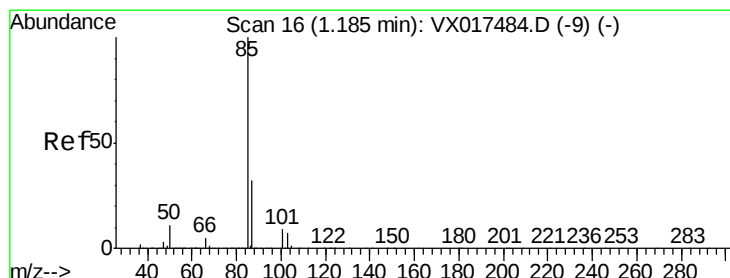
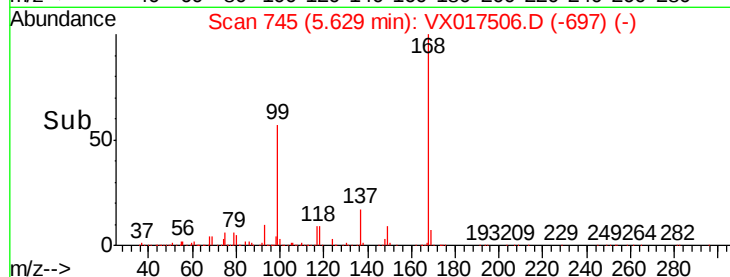
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 51.467 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017506.D

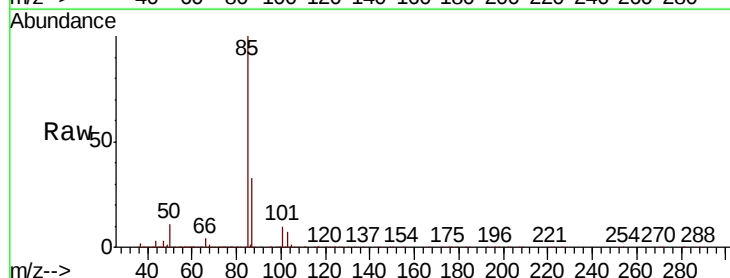
Acq: 23 Jul 2020 21:18

Tgt Ion: 85 Resp: 242047

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

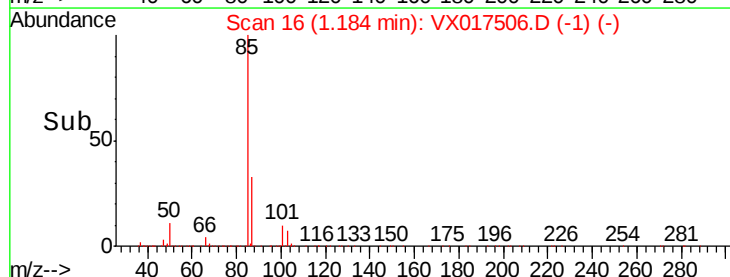
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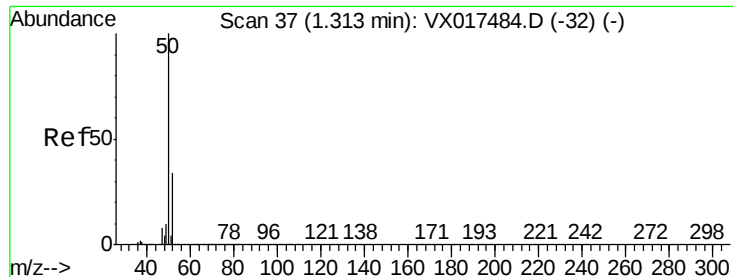
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Time-->

1.10 1.15 1.20 1.25 1.30

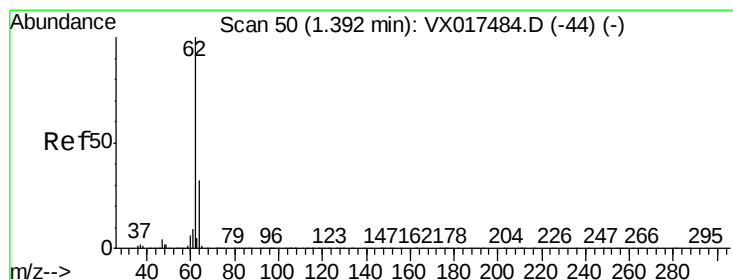
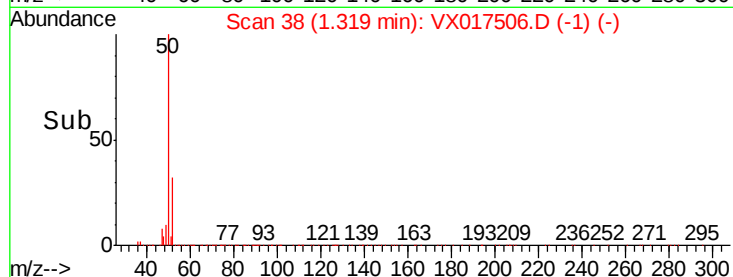
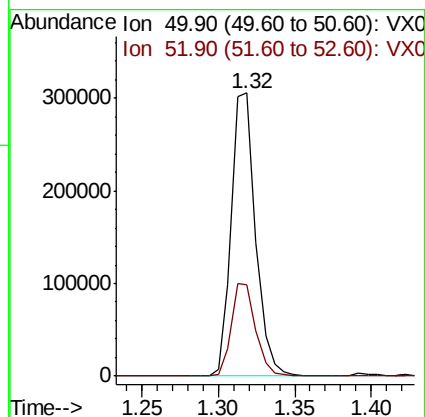
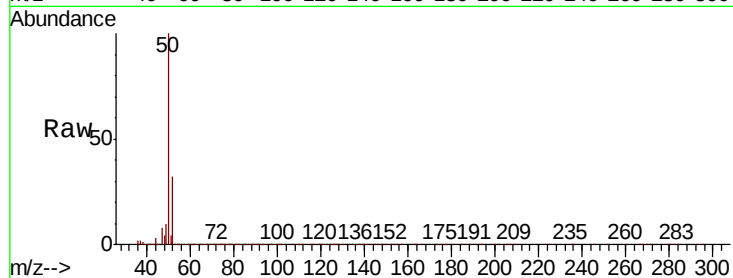




#3
Chloromethane
Concen: 53.844 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

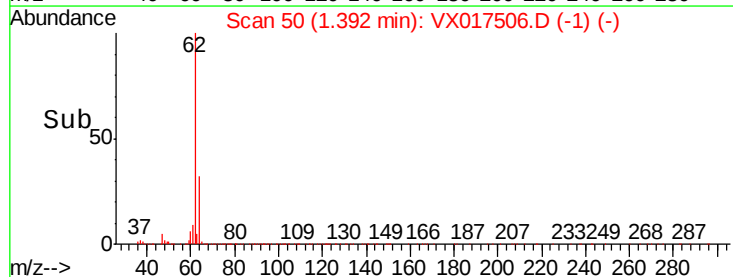
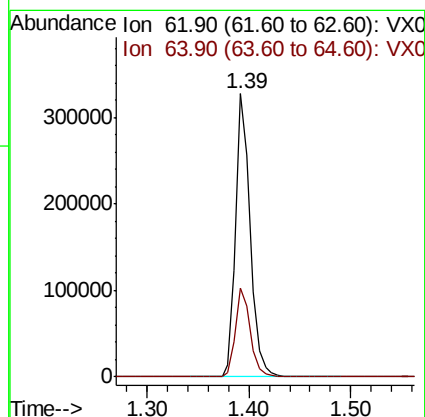
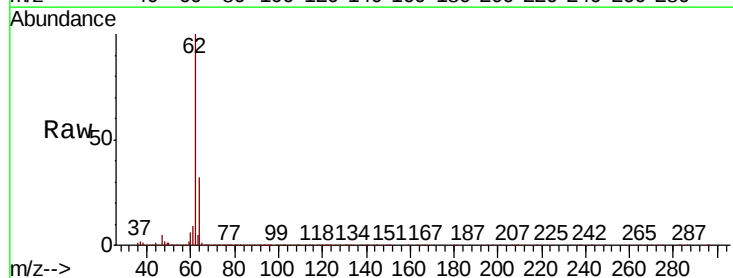
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

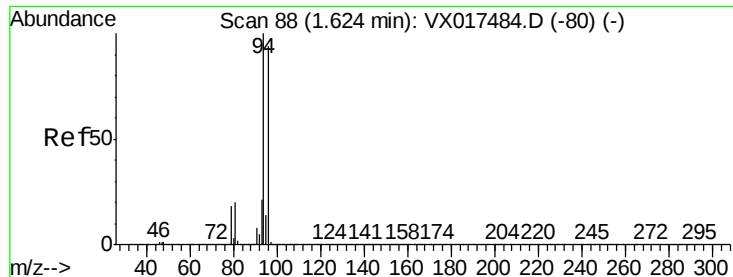
Tot Ion: 50 Resp: 337756
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 49.940 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 62 Resp: 318743
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 55.675 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

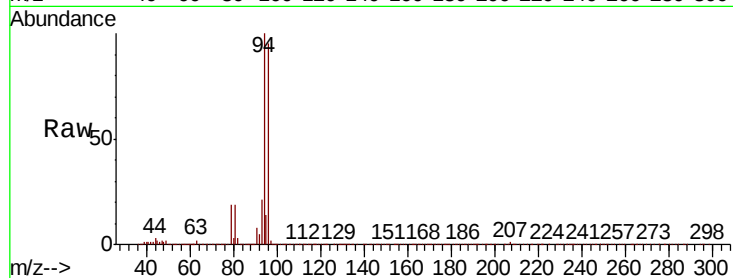
VSTDCCC050

Tot Ion: 94 Resp: 189811

Ion Ratio Lower Upper

94 100

96 95.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

150000

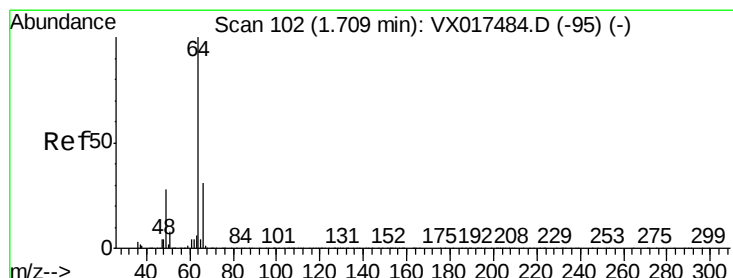
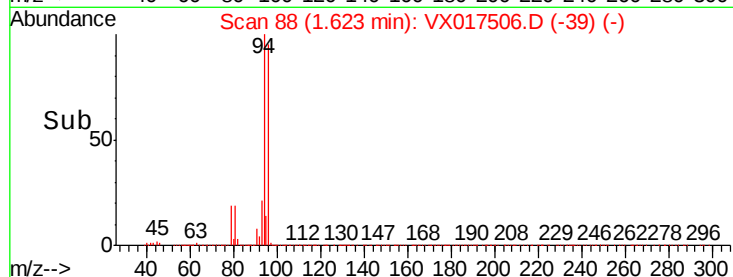
100000

50000

0

1.60 1.70

Time-->



#6

Chloroethane

Concen: 53.493 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017506.D

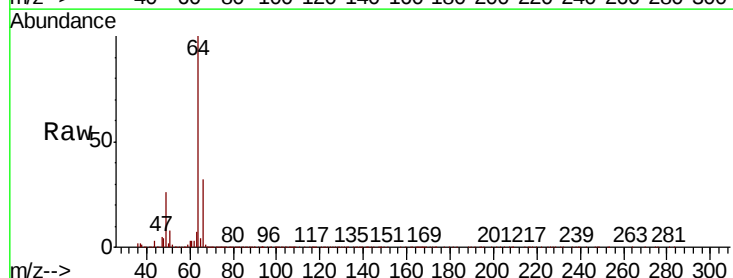
Acq: 23 Jul 2020 21:18

Tgt Ion: 64 Resp: 188082

Ion Ratio Lower Upper

64 100

66 32.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

150000

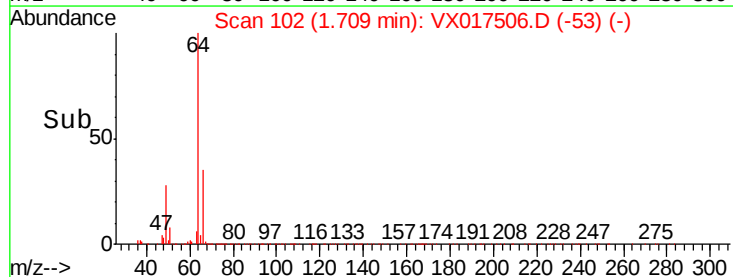
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50000

0

1.65 1.70 1.75 1.80

Time-->



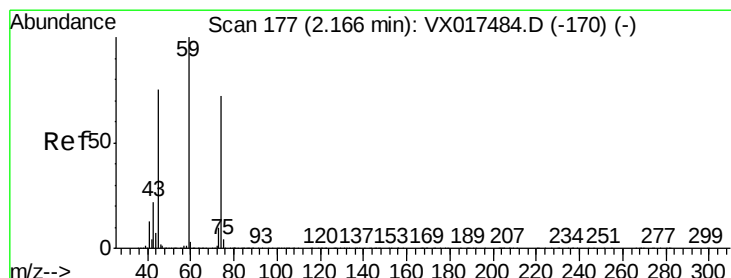
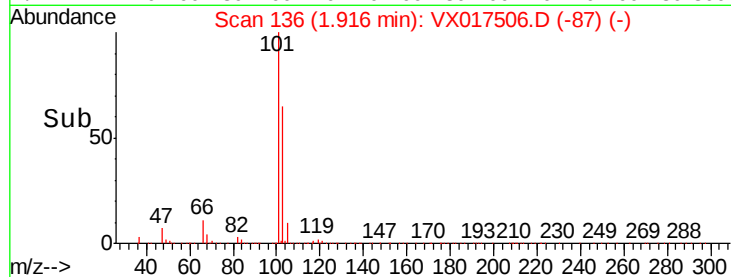
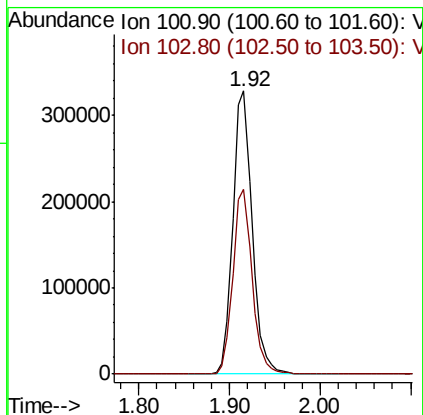
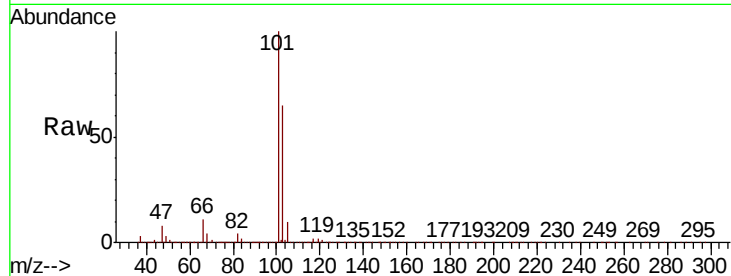


#7

Trichlorofluoromethane
Concen: 48.185 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017506.D
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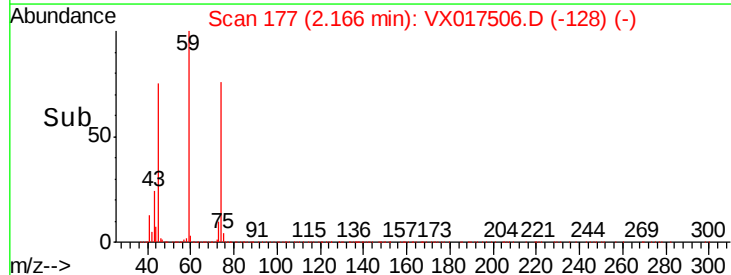
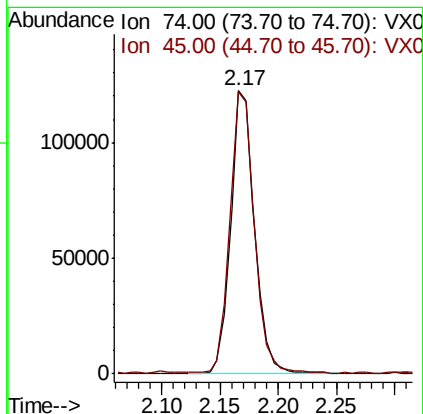
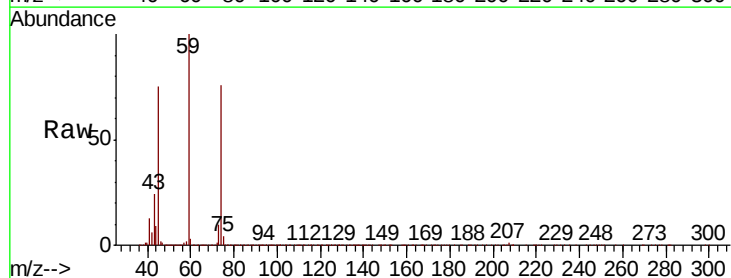
Tot Ion:101 Resp: 483728
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

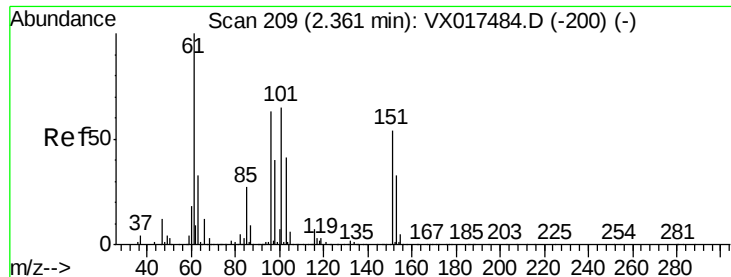


#8

Diethyl Ether
Concen: 53.941 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 74 Resp: 175212
Ion Ratio Lower Upper
74 100
45 101.3 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.537 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

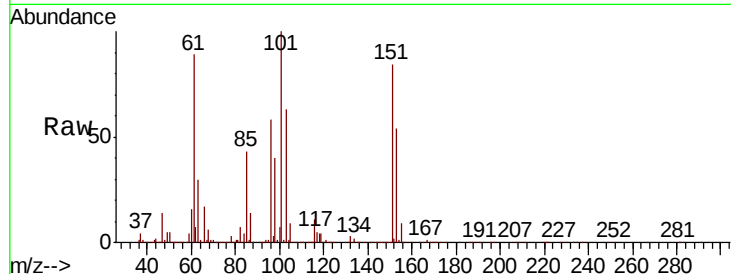
Tot Ion:101 Resp: 261886

Ion Ratio Lower Upper

101 100

85 43.6 34.8 52.2

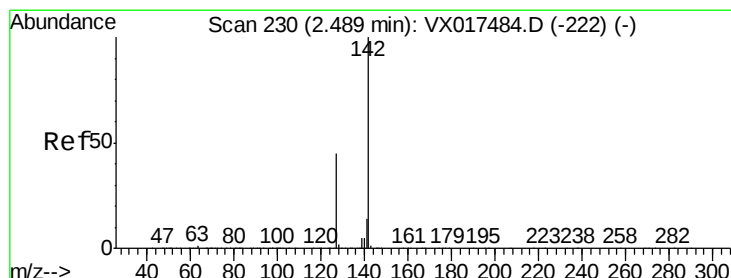
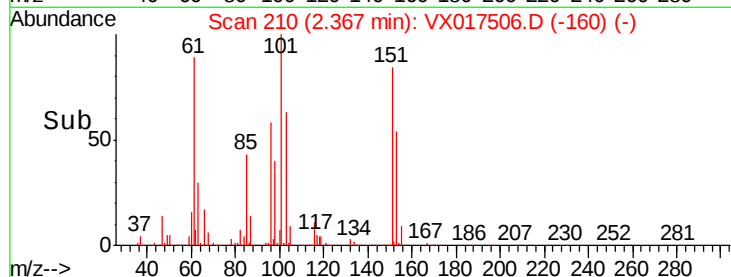
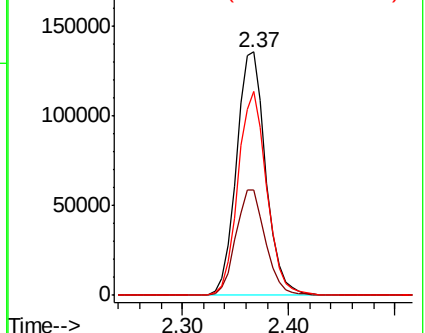
151 82.5 68.0 102.0



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: 48.322 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017506.D

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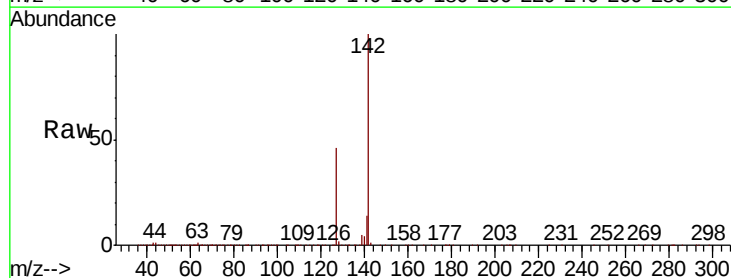
Tgt Ion:142 Resp: 340578

Ion Ratio Lower Upper

142 100

127 45.7 35.9 53.9

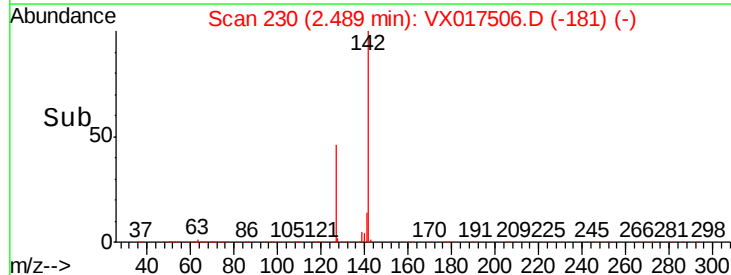
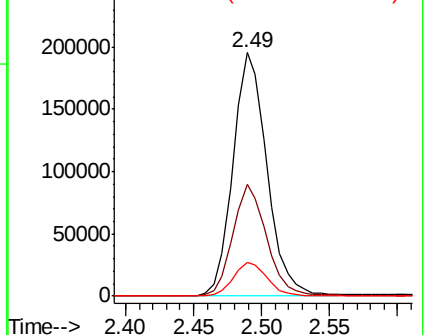
141 14.1 11.4 17.0

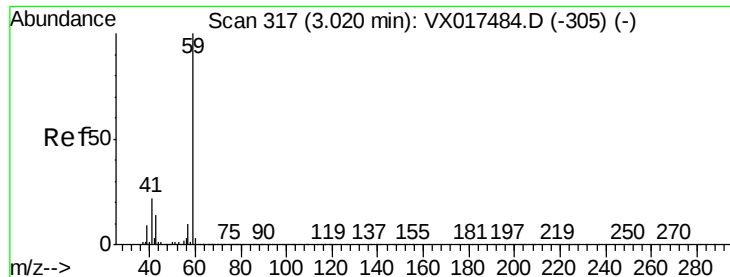


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



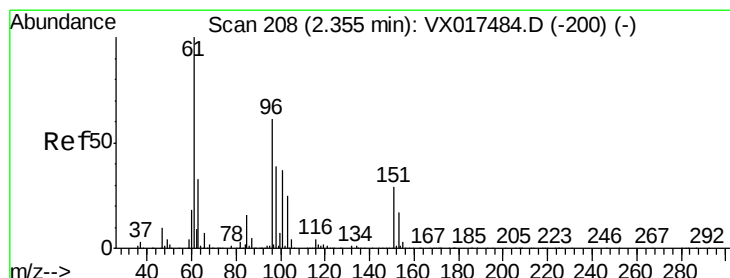
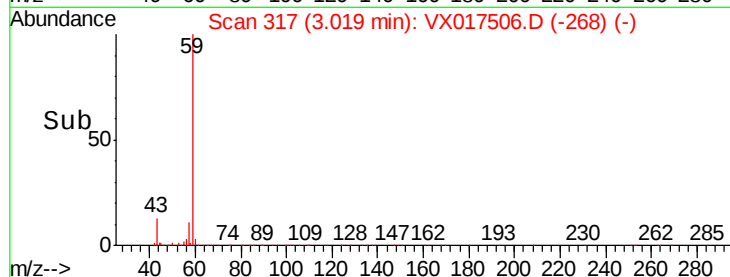
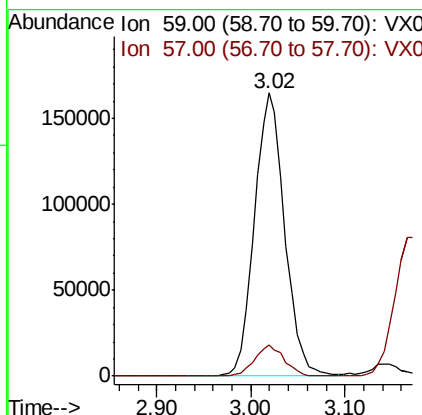
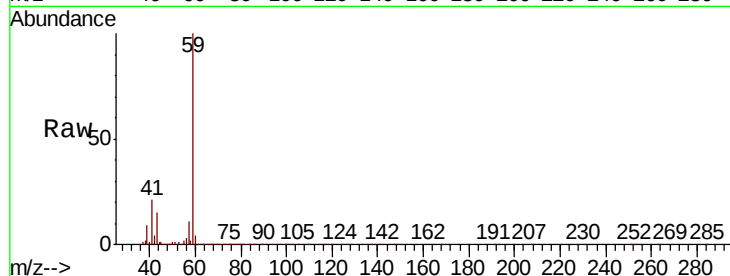


#11

Tert butyl alcohol
 Concen: 270.303 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

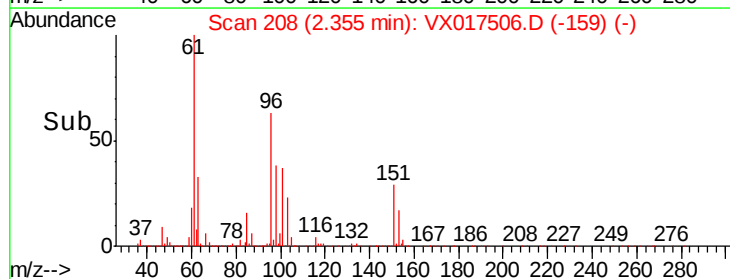
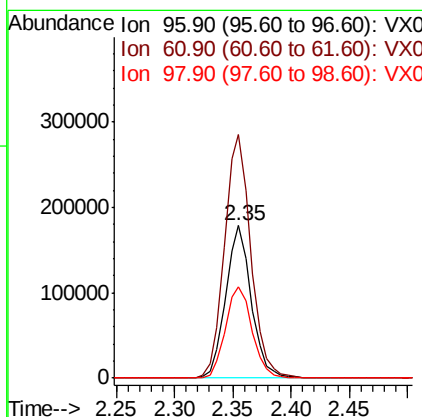
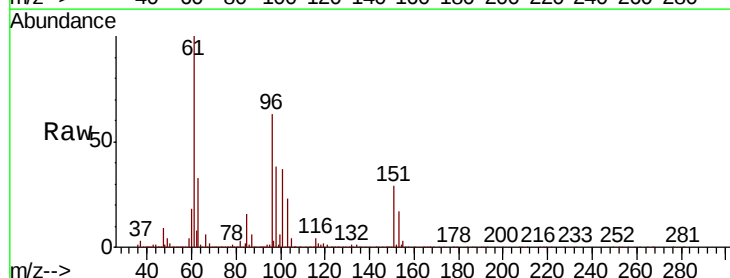
Tot Ion: 59 Resp: 371167
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

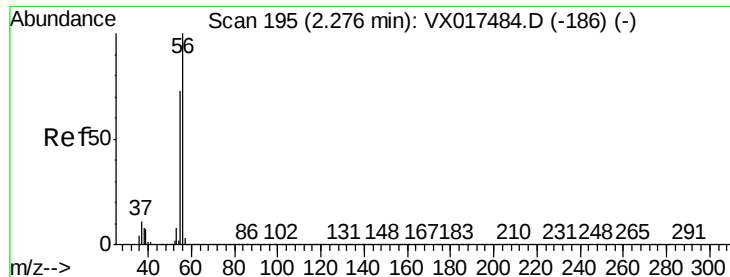


#12

1,1-Dichloroethene
 Concen: 51.431 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion: 96 Resp: 269441
 Ion Ratio Lower Upper
 96 100
 61 159.7 134.0 201.0
 98 60.3 51.0 76.4





#13

Acrolein

Concen: 242.193 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

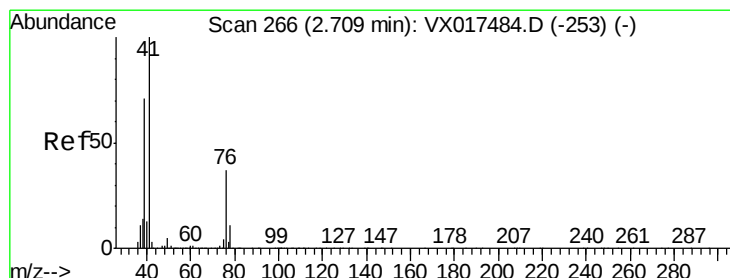
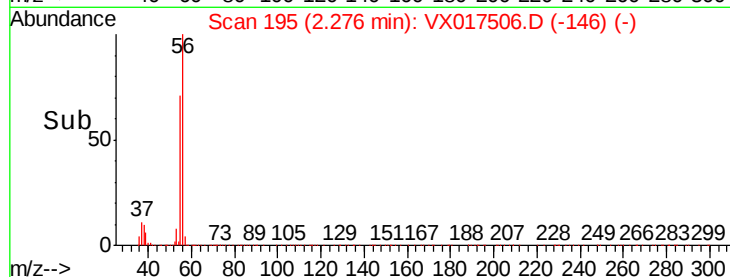
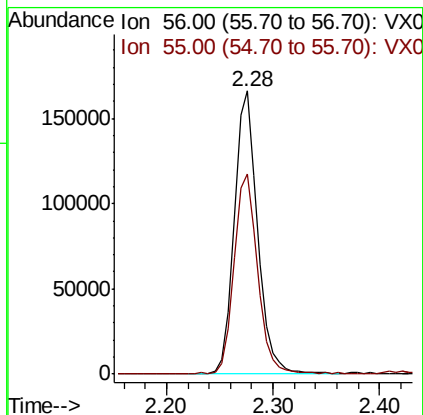
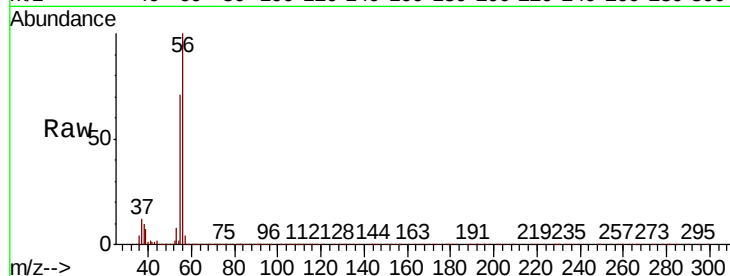
VSTDCCC050

Tot Ion: 56 Resp: 253773

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.2



#14

Allyl chloride

Concen: 50.341 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

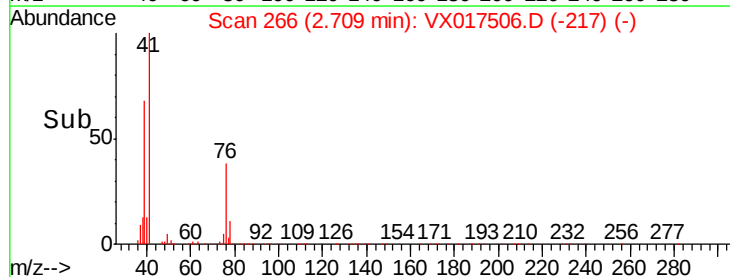
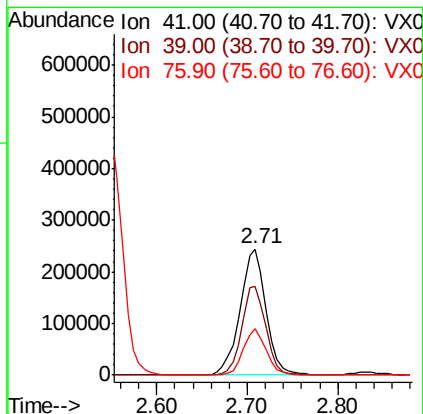
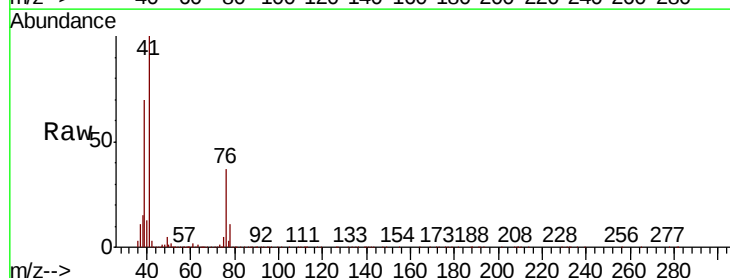
Tgt Ion: 41 Resp: 481566

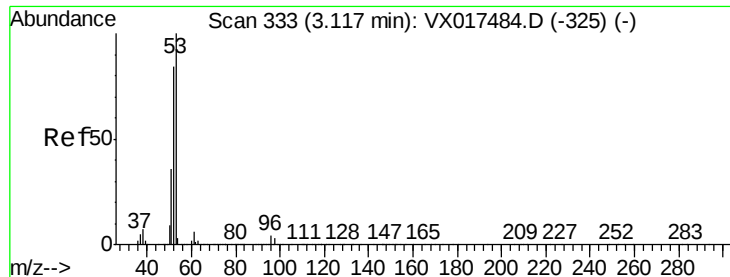
Ion Ratio Lower Upper

41 100

39 65.2 51.9 77.9

76 31.8 25.5 38.3





#15

Acrylonitrile

Concen: 255.020 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

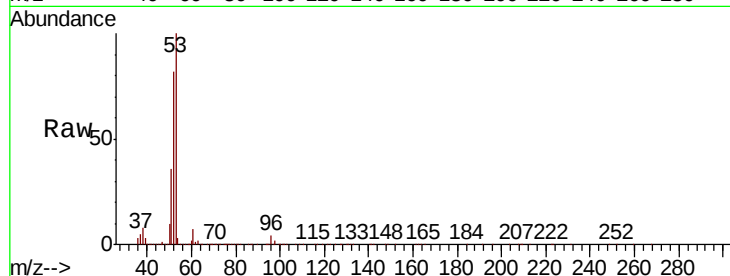
Tot Ion: 53 Resp: 756349

Ion Ratio Lower Upper

53 100

52 83.7 66.6 99.8

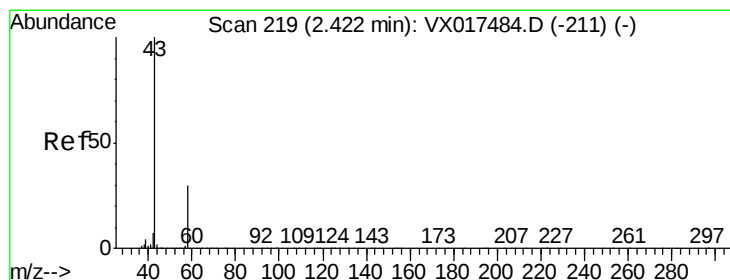
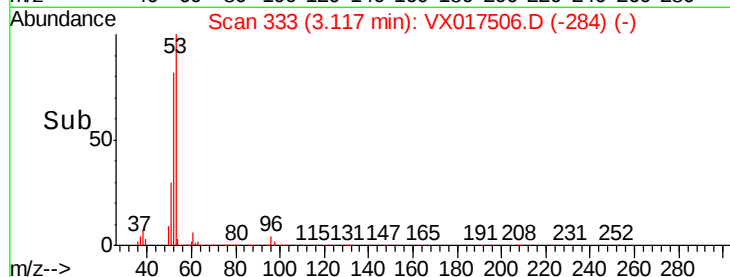
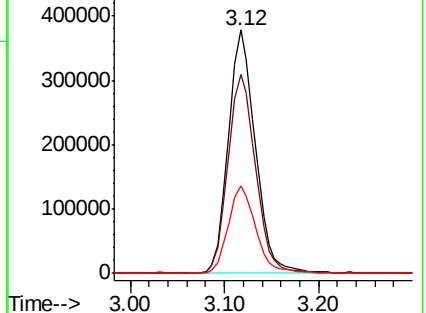
51 36.5 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 269.903 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017506.D

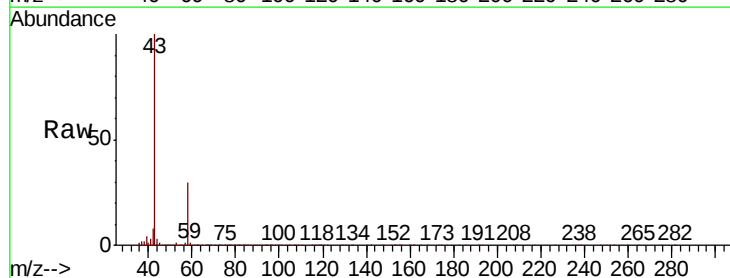
Acq: 23 Jul 2020 21:18

Tgt Ion: 43 Resp: 773974

Ion Ratio Lower Upper

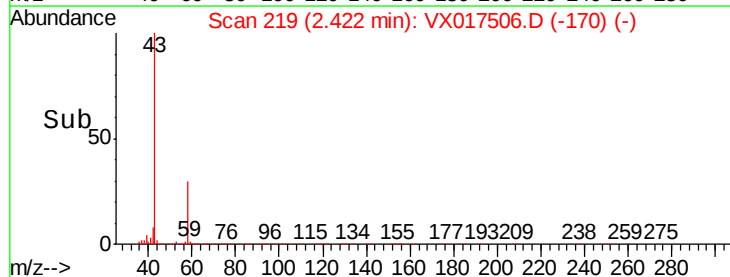
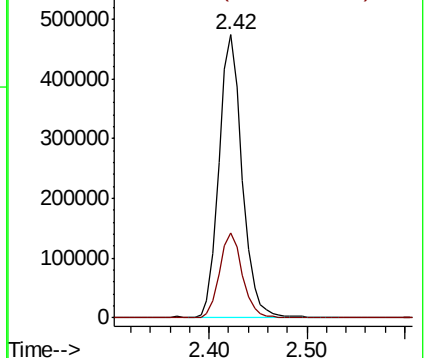
43 100

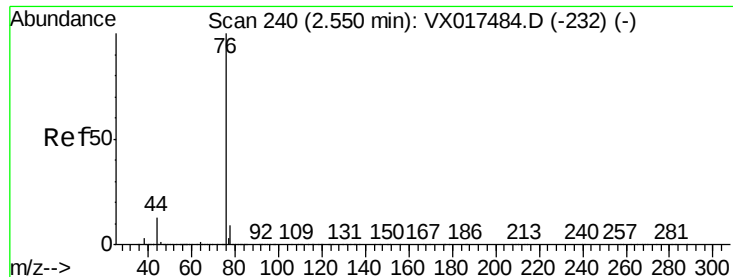
58 30.1 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.489 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

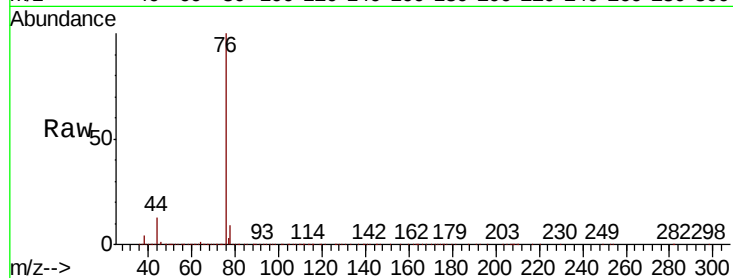
VSTDCCC050

Tot Ion: 76 Resp: 772117

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

500000

400000

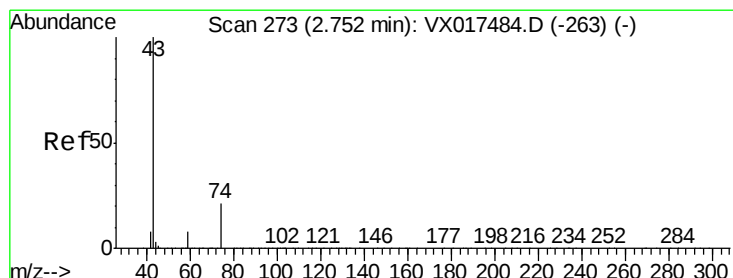
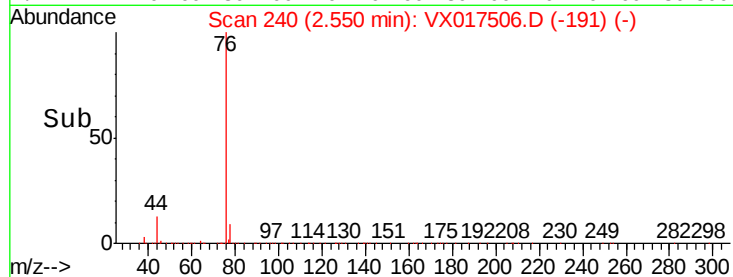
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 49.447 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017506.D

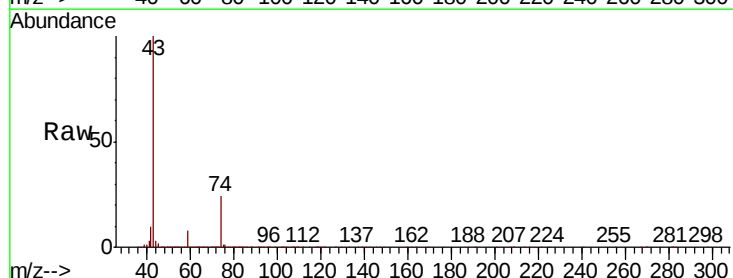
Acq: 23 Jul 2020 21:18

Tgt Ion: 43 Resp: 333945

Ion Ratio Lower Upper

43 100

74 23.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

200000

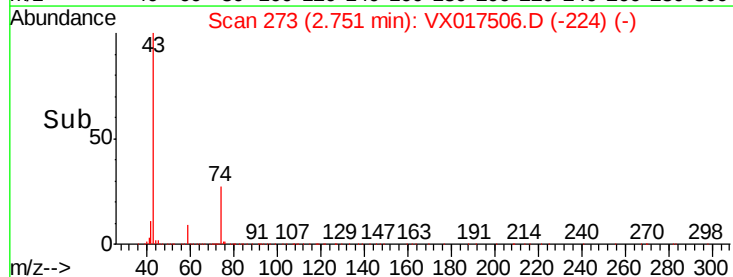
150000

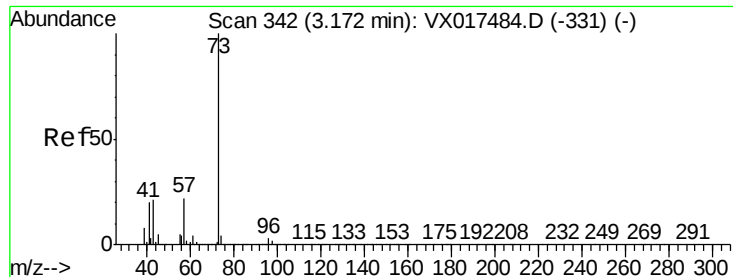
100000

50000

0

Time-->



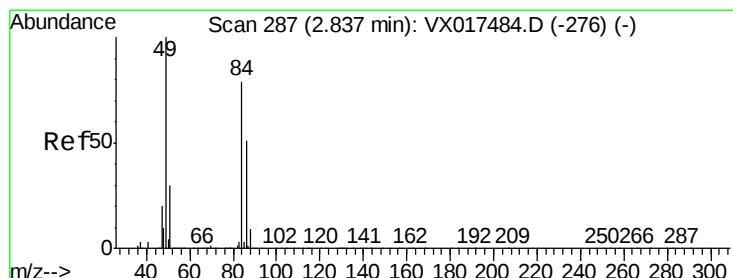
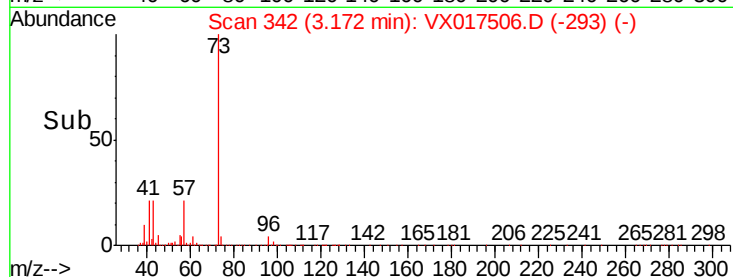
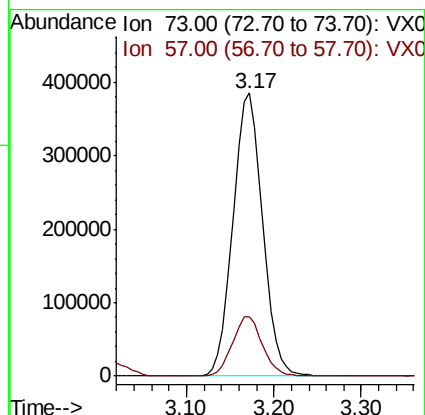
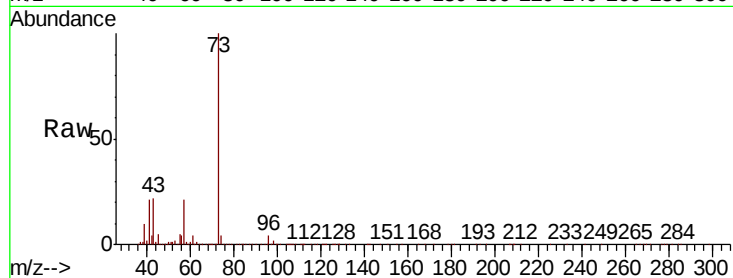


#19

Methyl tert-butyl Ether
 Concen: 49.987 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

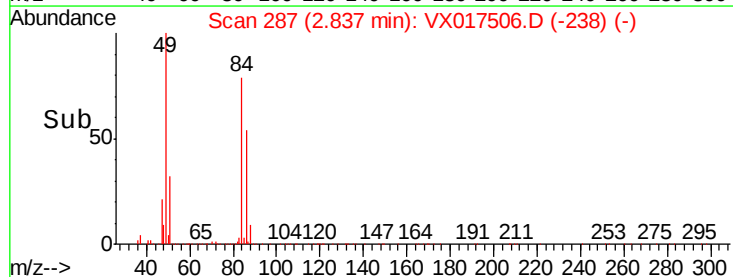
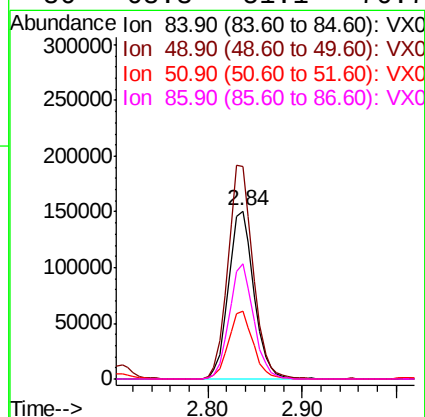
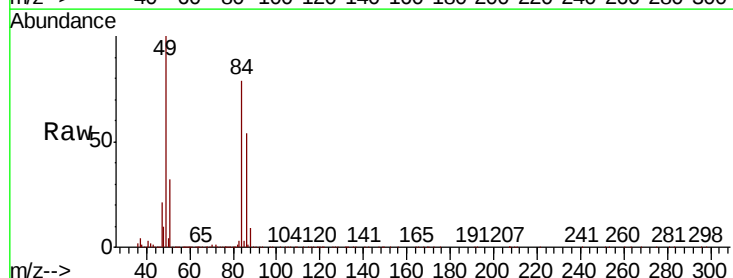
Tot Ion: 73 Resp: 906404
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.0 25.4

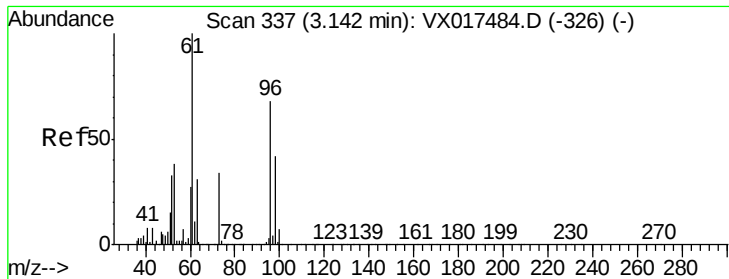


#20

Methylene Chloride
 Concen: 52.517 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion: 84 Resp: 283284
 Ion Ratio Lower Upper
 84 100
 49 126.0 100.3 150.5
 51 40.0 30.5 45.7
 86 68.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.590 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

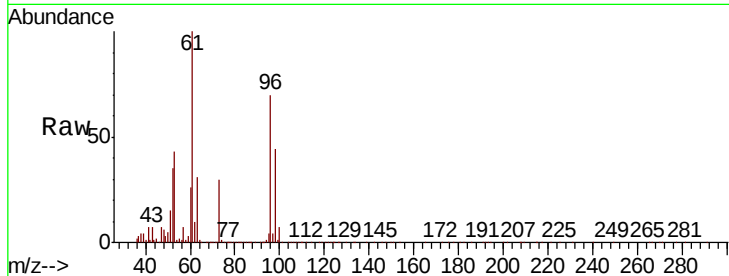
Tot Ion: 96 Resp: 272704

Ion Ratio Lower Upper

96 100

61 142.8 113.0 169.4

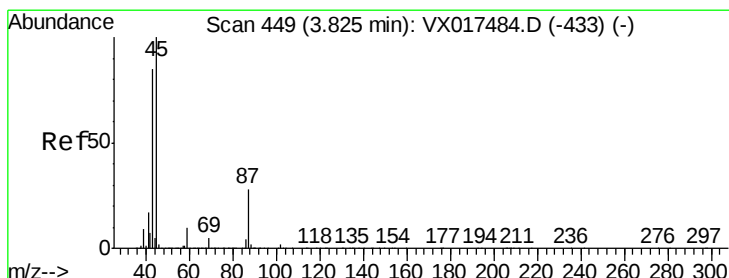
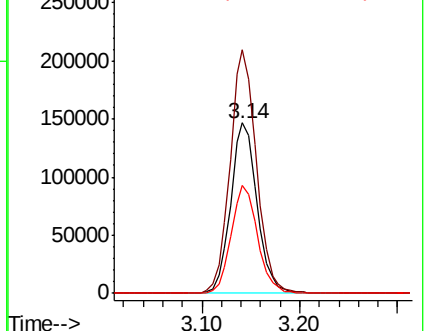
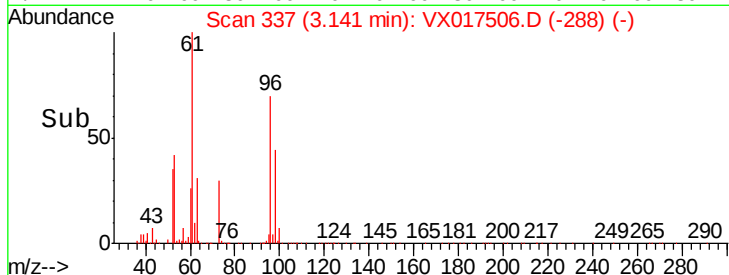
98 63.2 51.8 77.8



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: 51.581 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion: 45 Resp: 902220

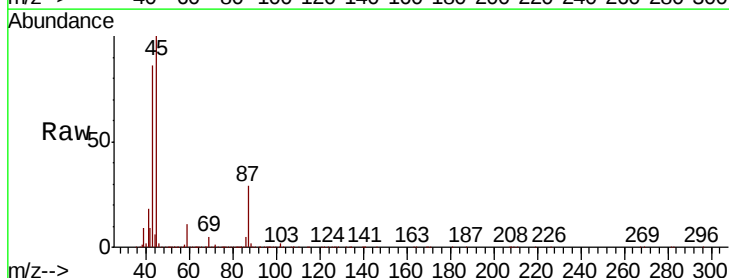
Ion Ratio Lower Upper

45 100

43 85.4 52.0 78.0#

87 29.2 22.2 33.4

59 11.4 8.9 13.3

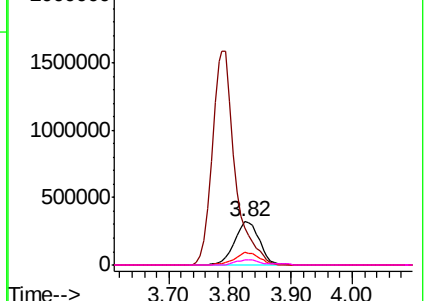
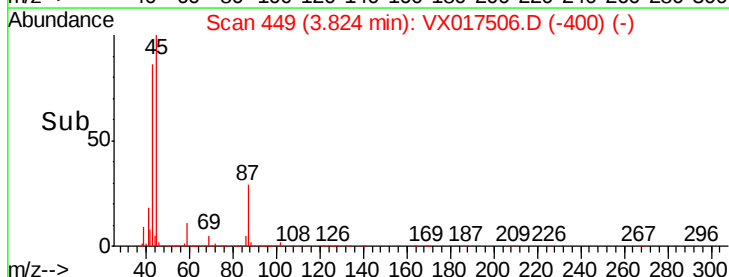


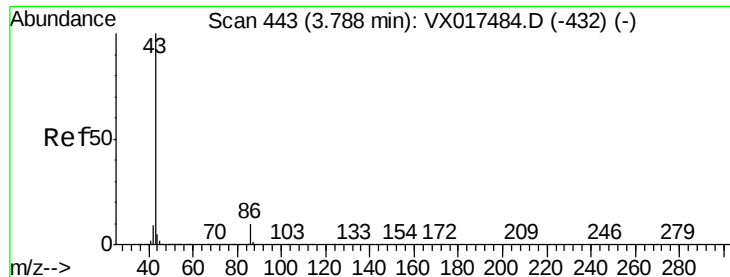
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 266.392 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

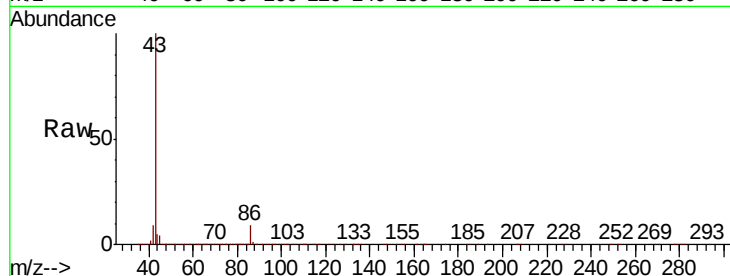
VSTDCCC050

Tot Ion: 43 Resp: 4154538

Ion Ratio Lower Upper

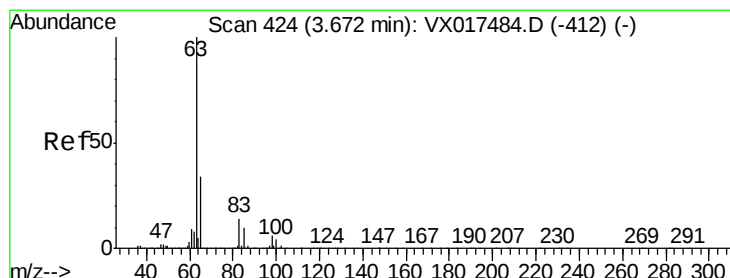
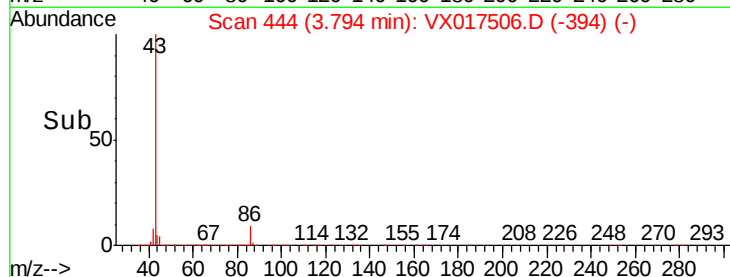
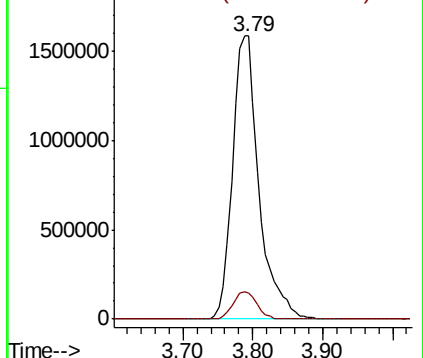
43 100

86 9.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.185 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

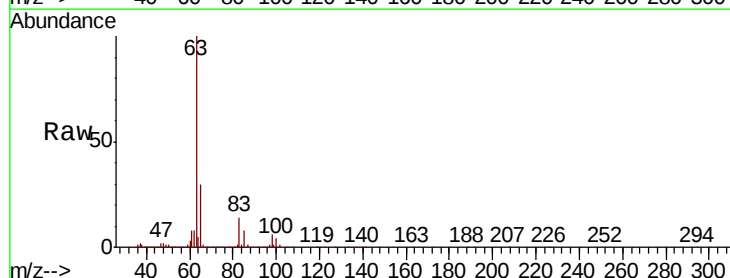
Tgt Ion: 63 Resp: 515735

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.1

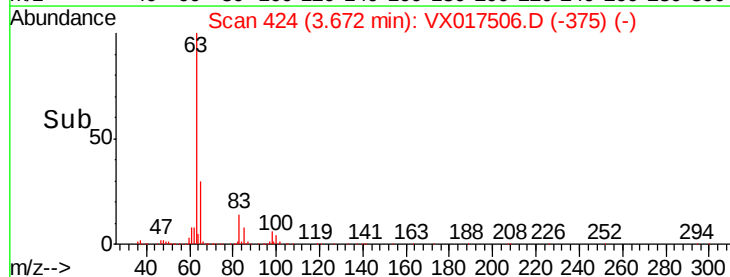
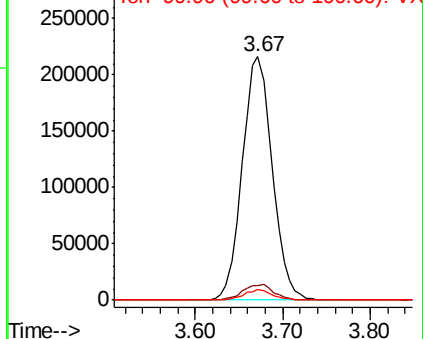
100 4.2 1.9 5.7

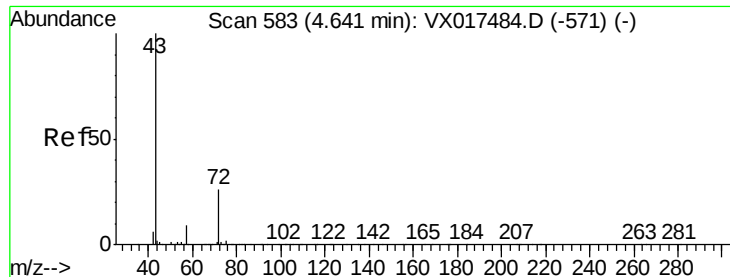


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 303.166 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

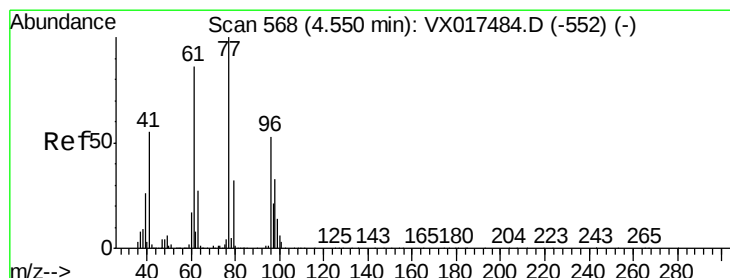
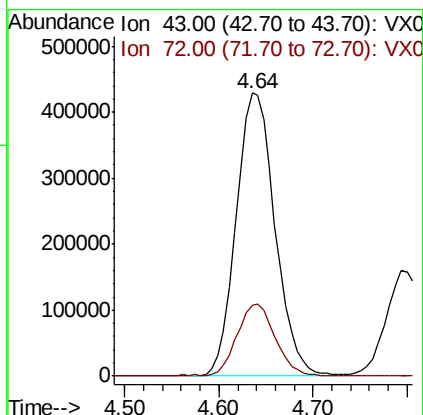
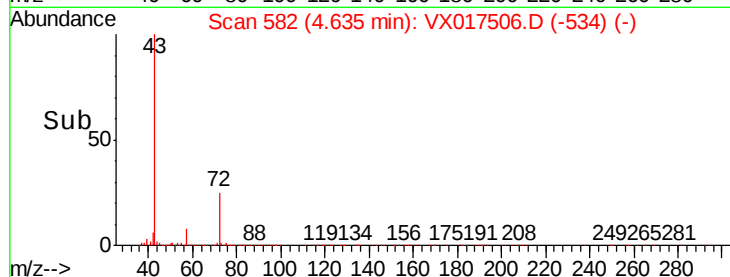
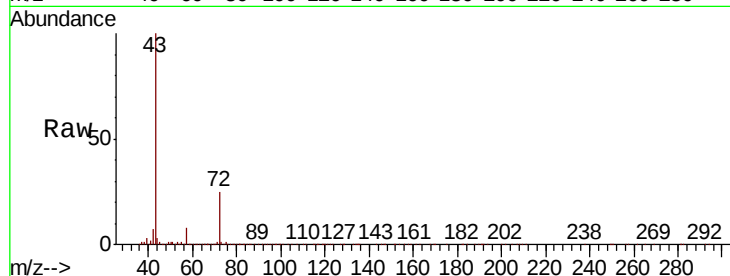
VSTDCCC050

Tot Ion: 43 Resp: 1235015

Ion Ratio Lower Upper

43 100

72 24.7 19.0 28.4



#26

2,2-Dichloropropane

Concen: 46.366 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017506.D

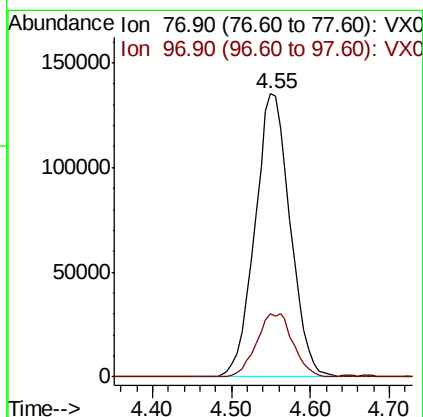
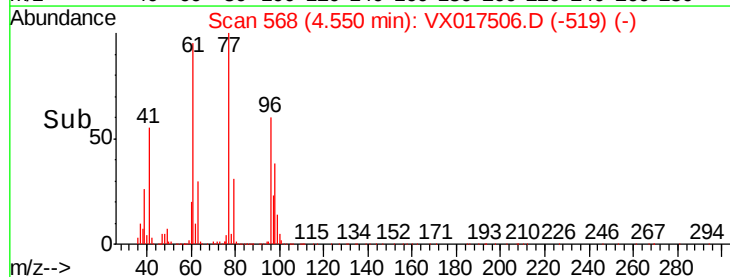
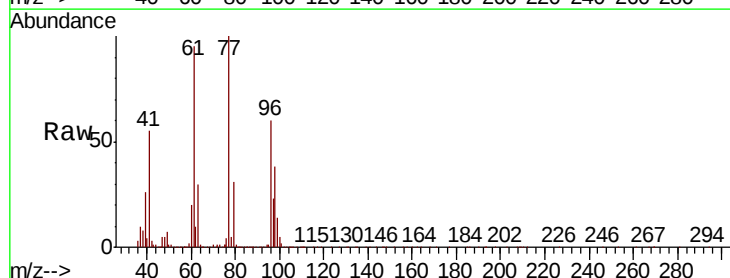
Acq: 23 Jul 2020 21:18

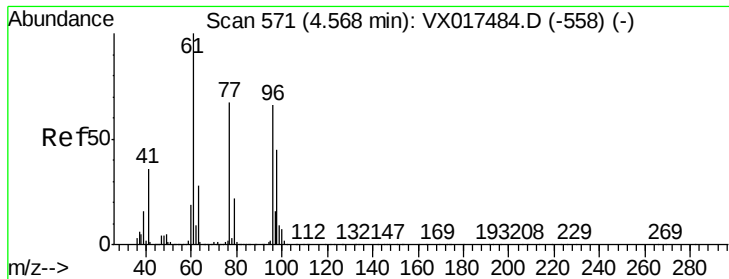
Tgt Ion: 77 Resp: 418188

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9



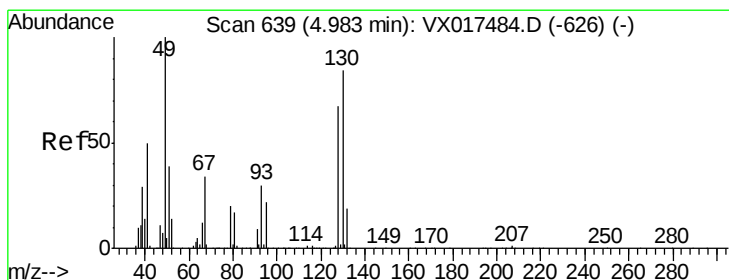
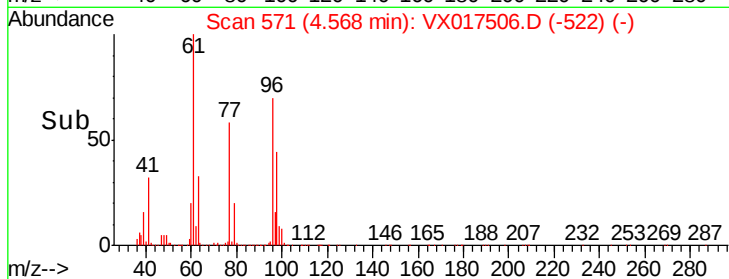
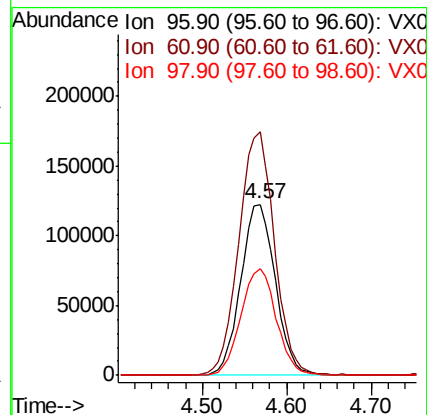
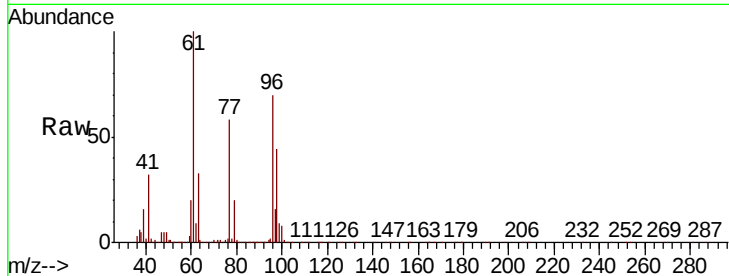


#27

cis-1,2-Dichloroethene
 Concen: 55.369 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

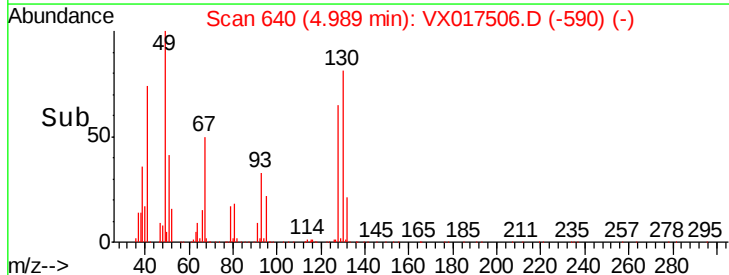
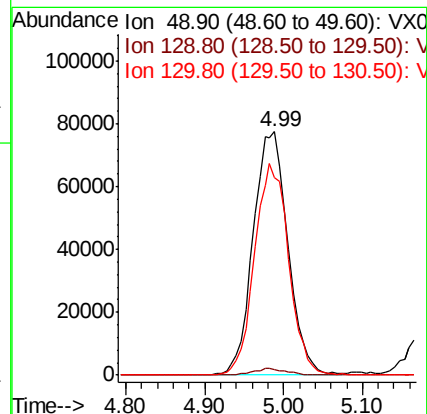
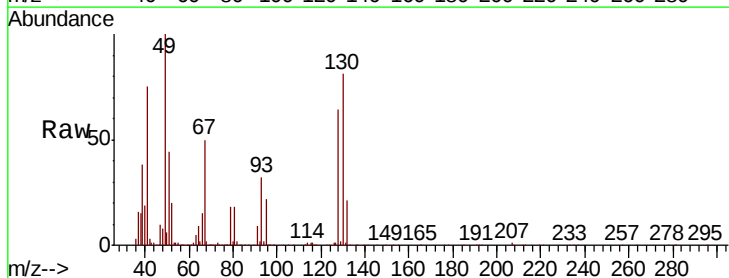
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	301.2
98	64.5	0.0	130.0

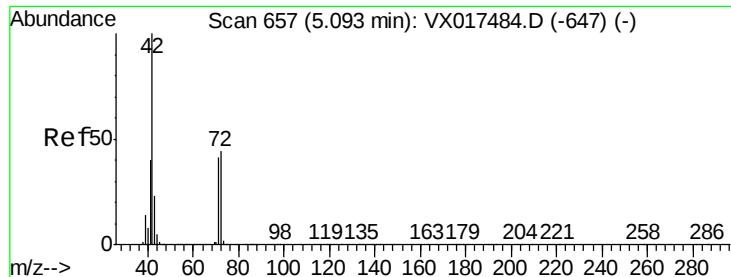


#28

Bromochloromethane
 Concen: 51.687 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	85.7	66.7	100.1





#29

Tetrahydrofuran

Concen: 280.105 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

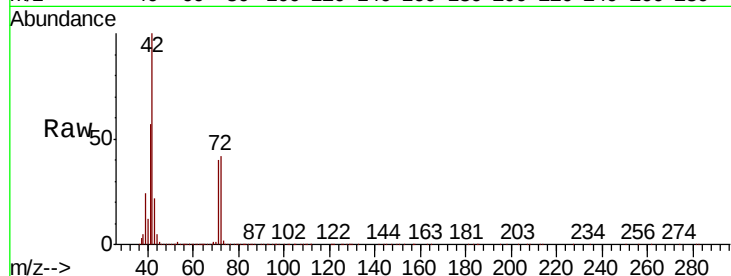
Tot Ion: 42 Resp: 706808

Ion Ratio Lower Upper

42 100

72 43.5 35.5 53.3

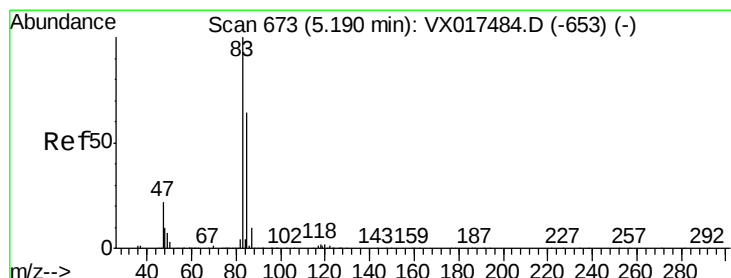
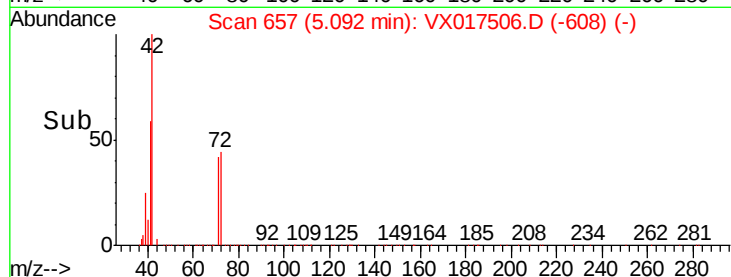
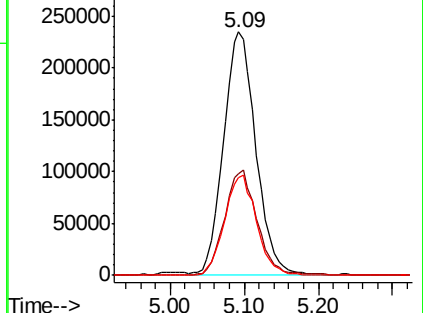
71 41.0 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.533 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017506.D

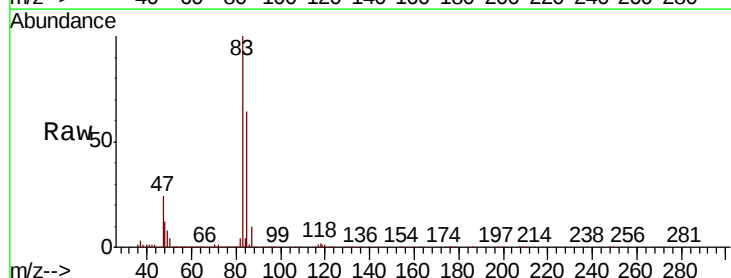
Acq: 23 Jul 2020 21:18

Tgt Ion: 83 Resp: 520252

Ion Ratio Lower Upper

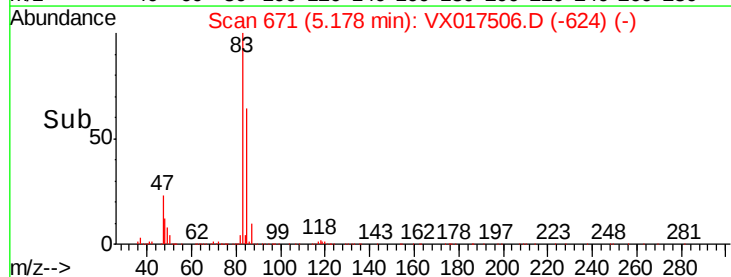
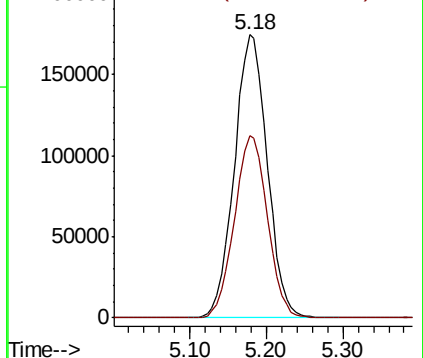
83 100

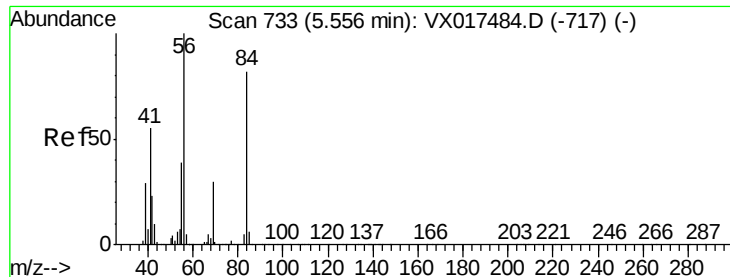
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

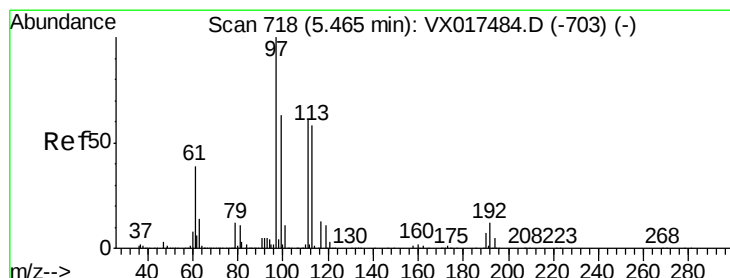
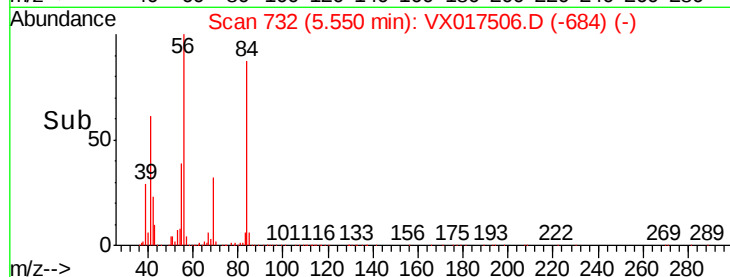
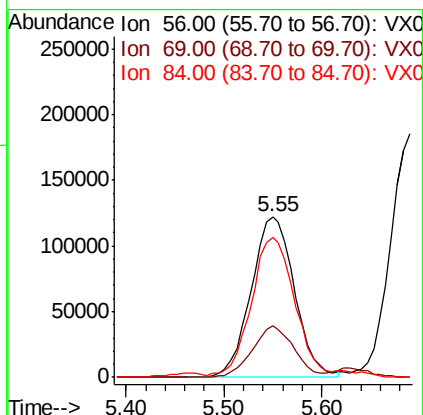
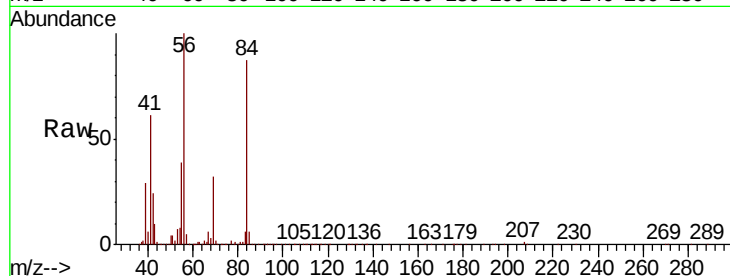




#31
Cyclohexane
Concen: 46.825 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

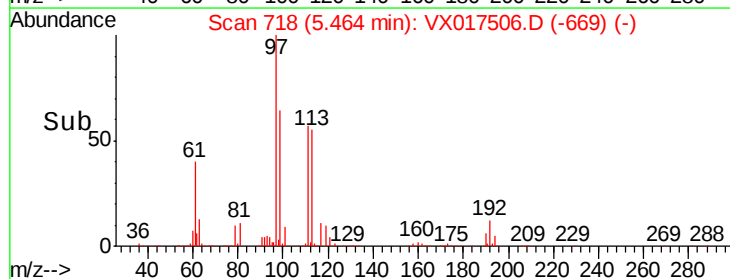
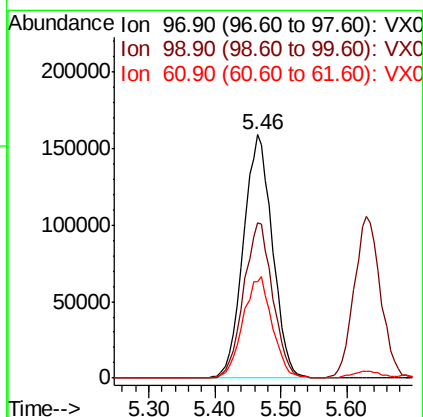
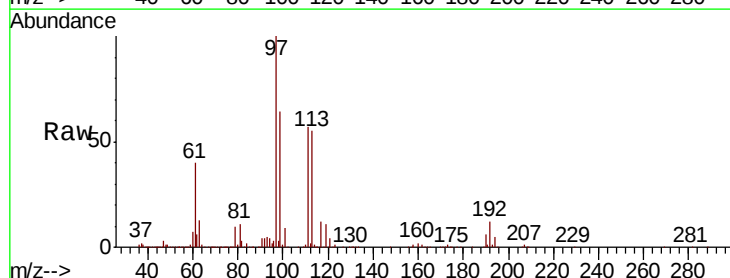
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

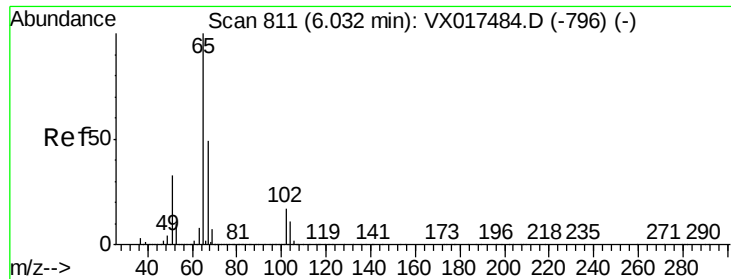
Tot Ion: 56 Resp: 376239
Ion Ratio Lower Upper
56 100
69 32.3 24.2 36.4
84 84.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 49.994 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 97 Resp: 485356
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 42.0 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 51.481 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

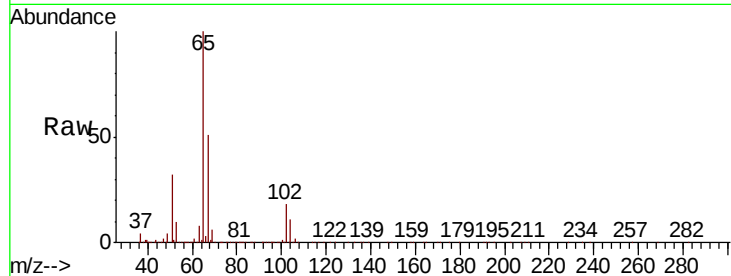
VSTDCCC050

Tot Ion: 65 Resp: 335410

Ion Ratio Lower Upper

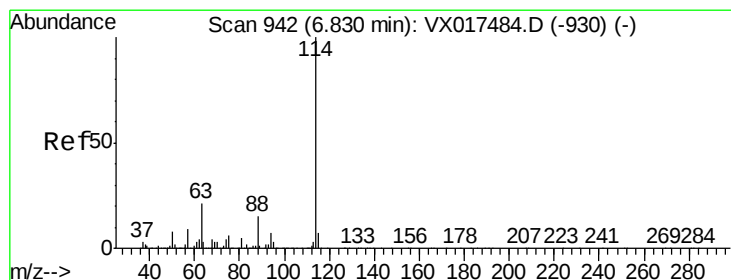
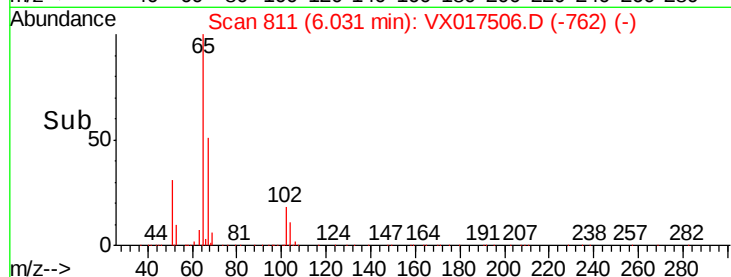
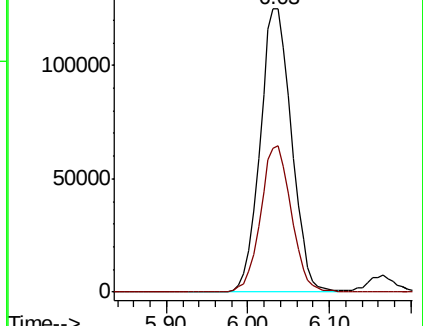
65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

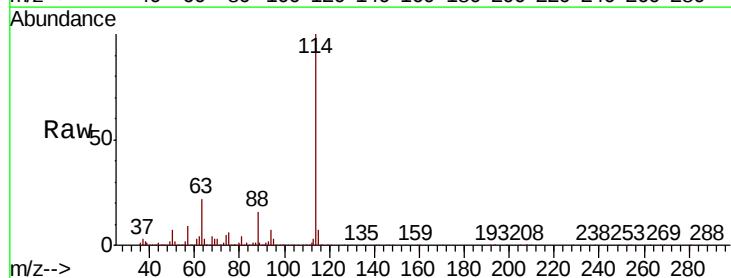
Tgt Ion: 114 Resp: 787555

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

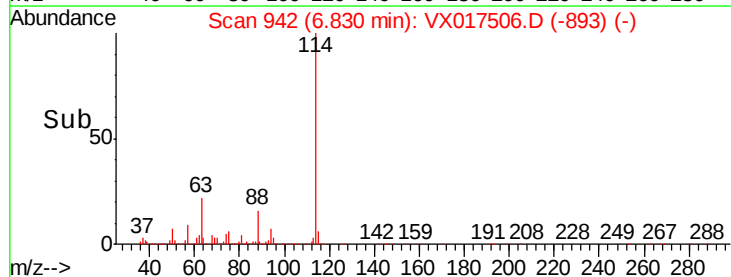
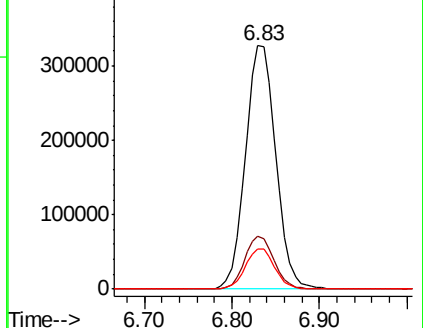
88 16.2 0.0 33.4

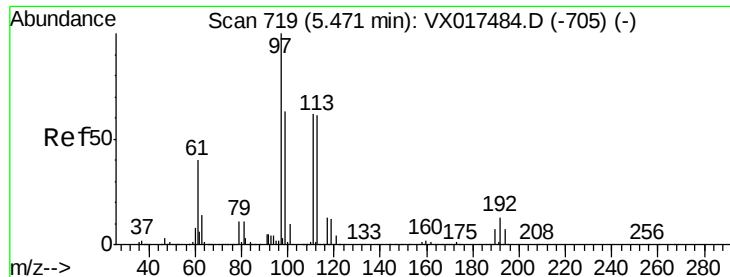


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

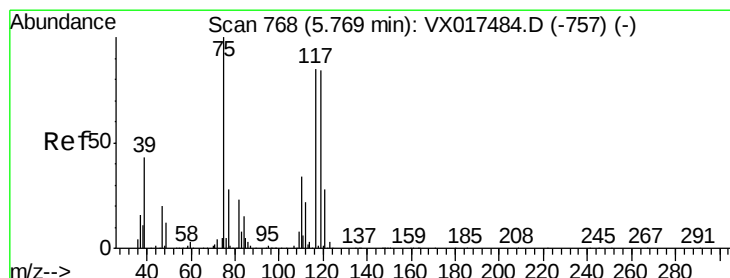
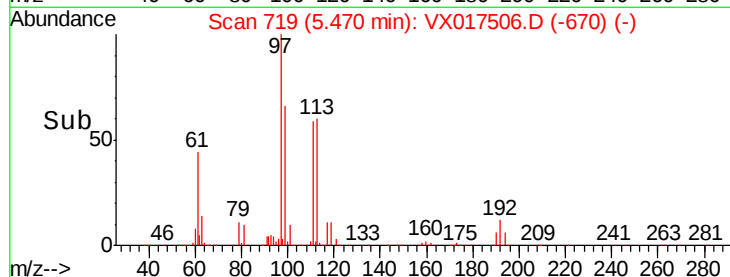
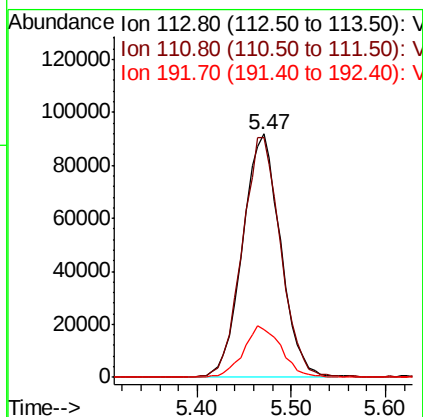
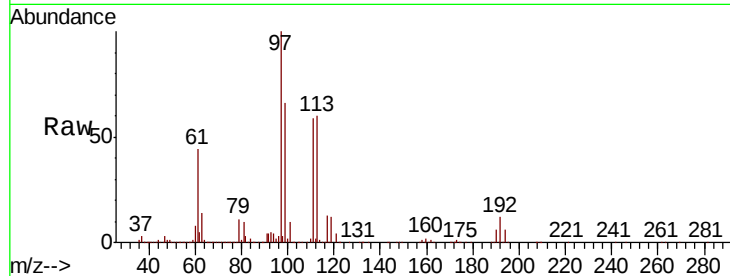




#35
Dibromofluoromethane
Concen: 49.195 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

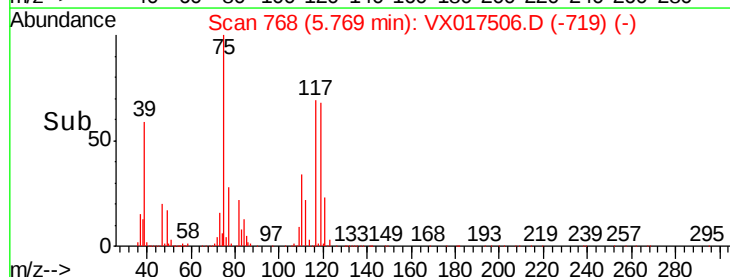
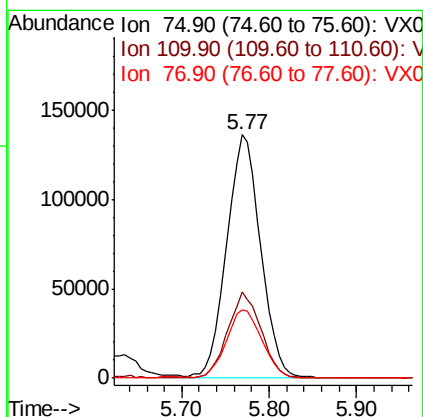
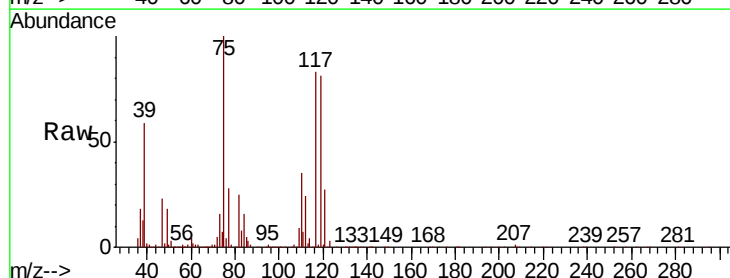
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

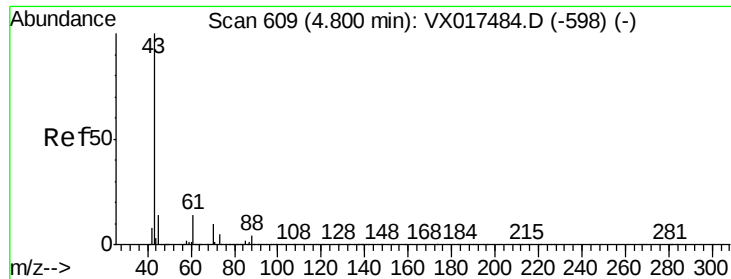
Tot Ion:113 Resp: 259120
Ion Ratio Lower Upper
113 100
111 100.2 80.7 121.1
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.173 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 75 Resp: 363869
Ion Ratio Lower Upper
75 100
110 35.0 18.1 54.3
77 29.5 24.6 37.0

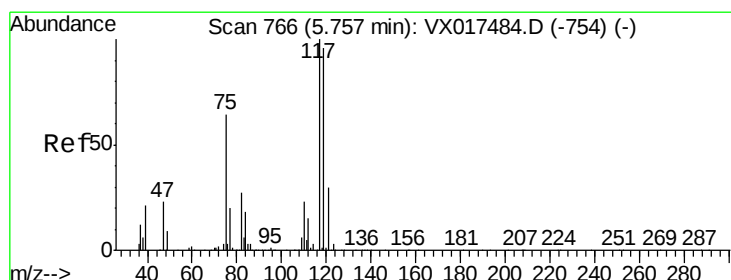
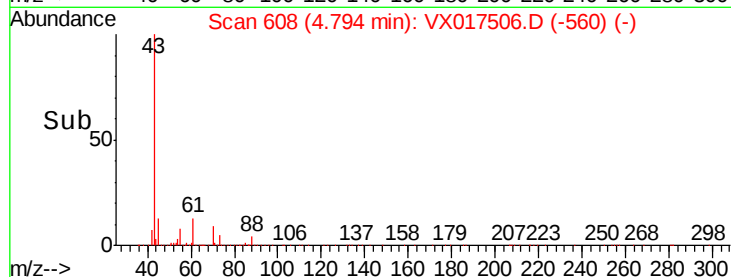
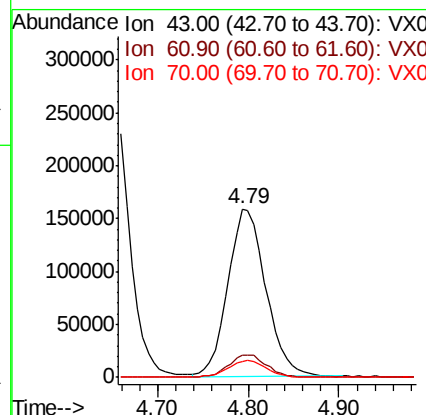
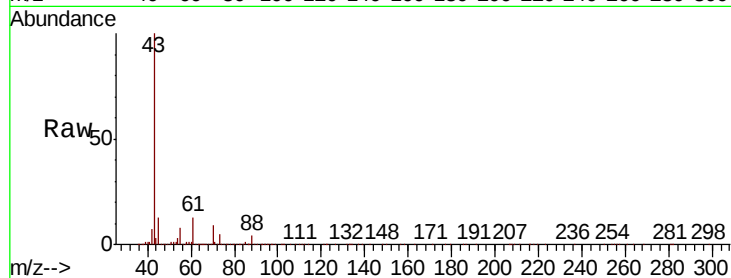




#37
Ethyl Acetate
Concen: 55.793 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

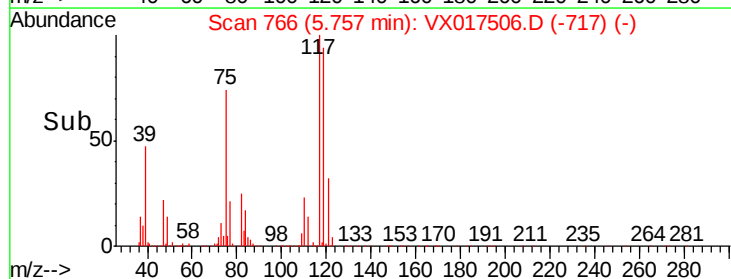
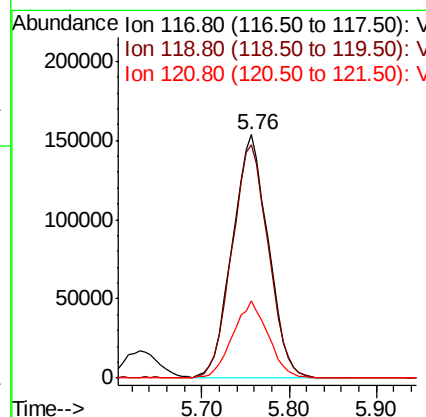
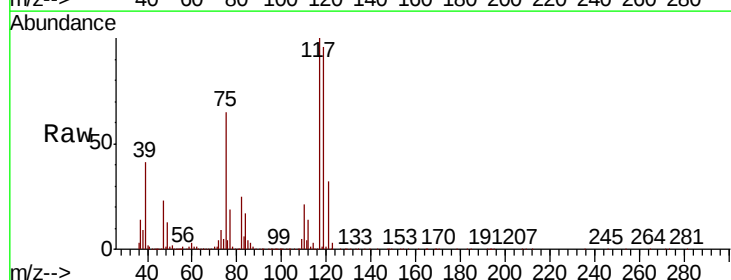
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

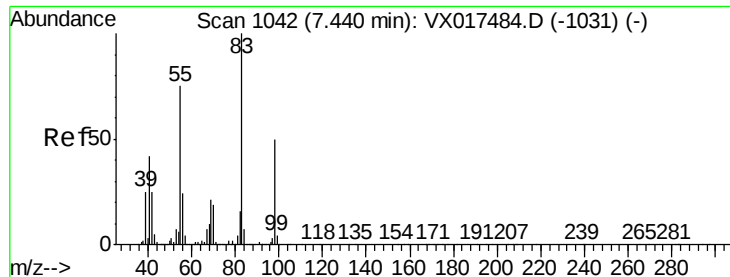
Tot Ion	43	Resp	461100
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.7	16.1
70	10.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 47.566 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion	117	Resp	436302
Ion Ratio	Lower	Upper	
117	100		
119	95.7	75.4	113.0
121	31.7	24.3	36.5

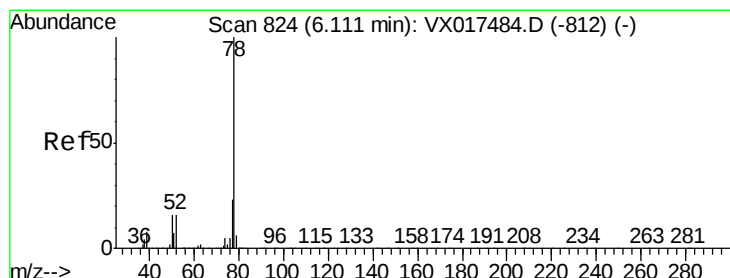
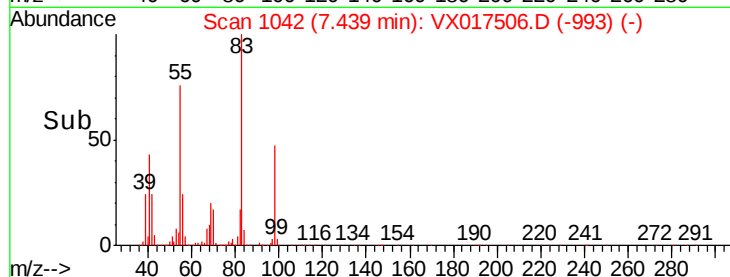
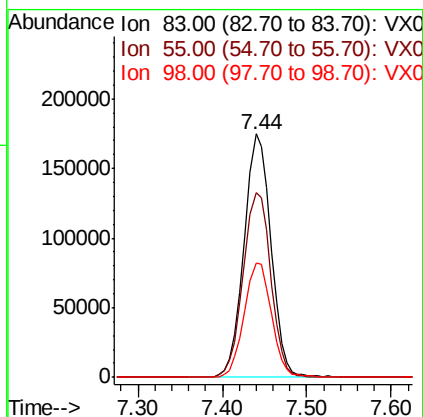
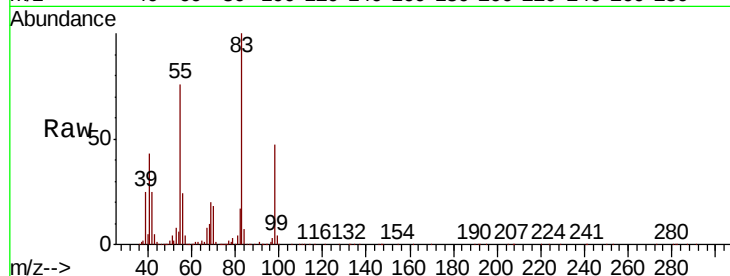




#39
Methvlcvclohexane
Concen: 42.693 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

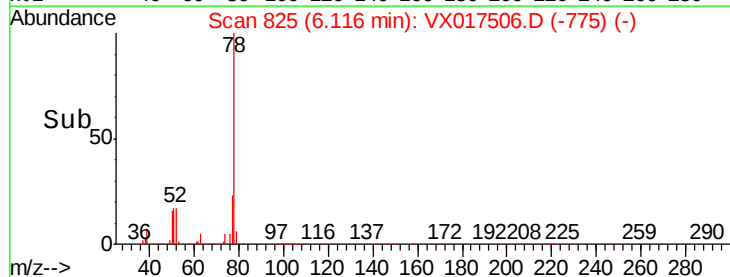
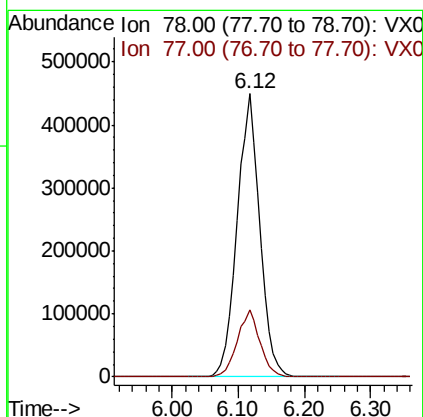
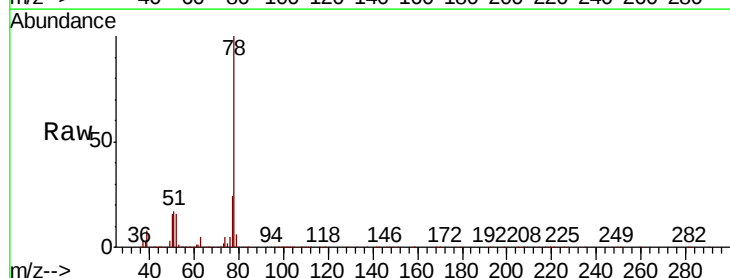
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

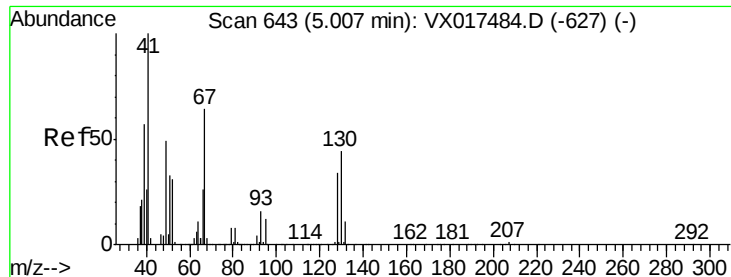
Tot Ion: 83 Resp: 376454
Ion Ratio Lower Upper
83 100
55 75.6 61.8 92.8
98 46.7 36.9 55.3



#40
Benzene
Concen: 49.182 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 78 Resp: 1065041
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

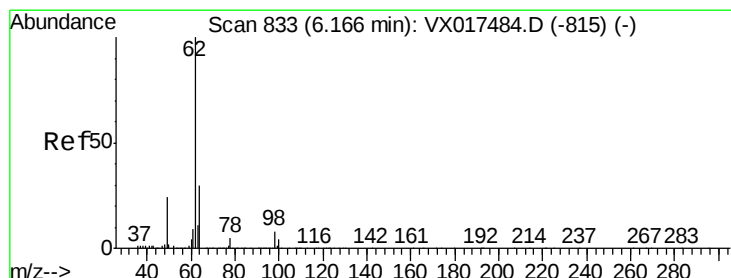
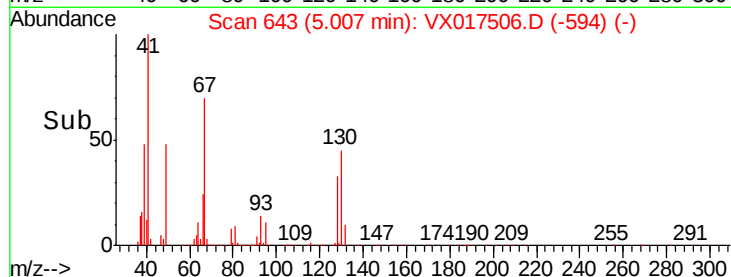
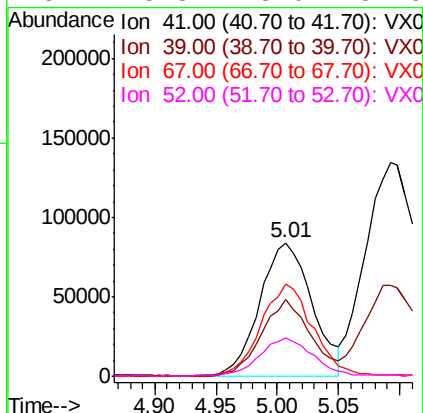
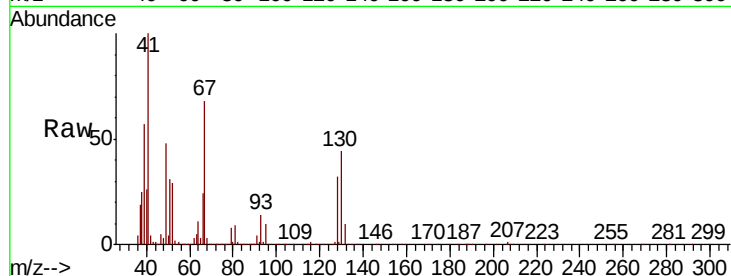




#41
Methacrylonitrile
Concen: 52.612 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

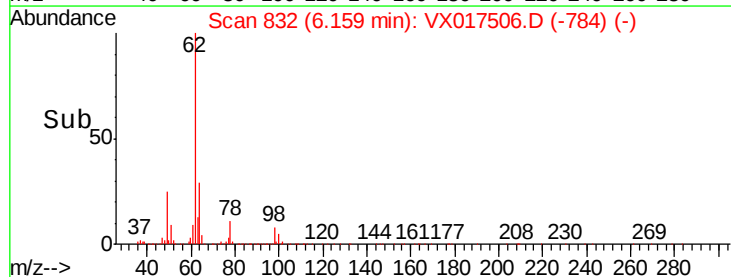
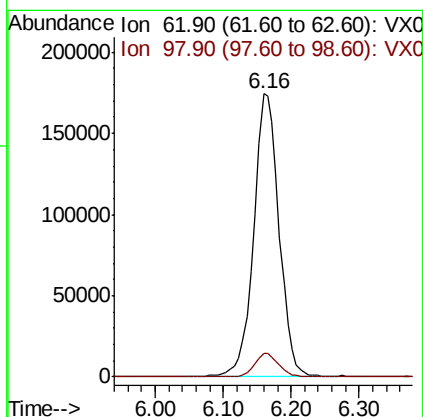
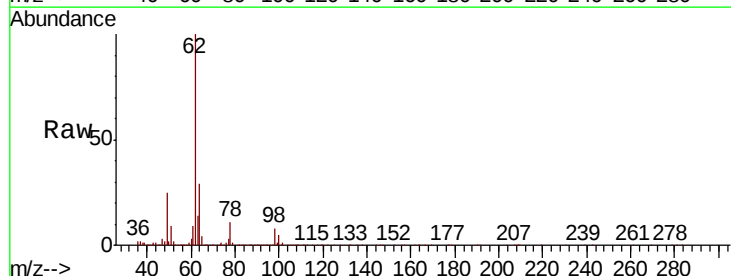
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

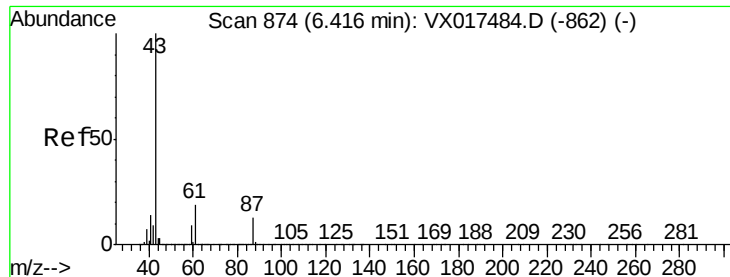
Tot Ion:	41	Resp:	249233
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.9	65.9
67	69.2	54.0	81.0
52	28.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.231 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion:	62	Resp:	453869
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 51.766 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

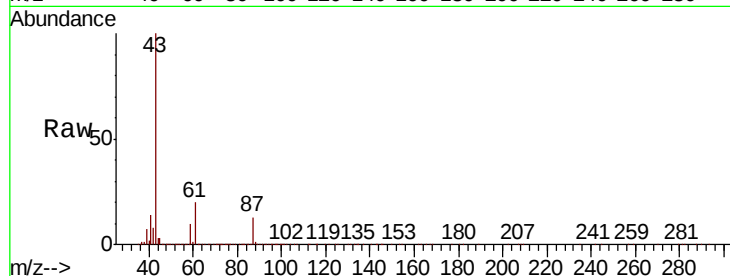
Tot Ion: 43 Resp: 705882

Ion Ratio Lower Upper

43 100

61 19.6 15.5 23.3

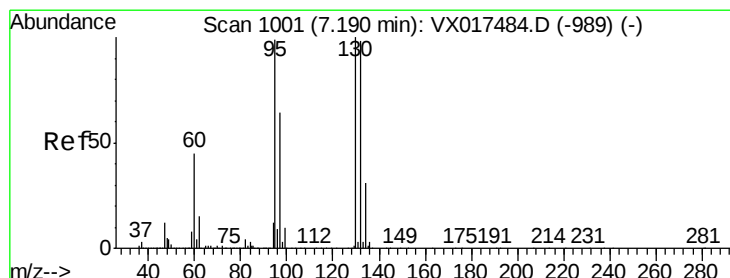
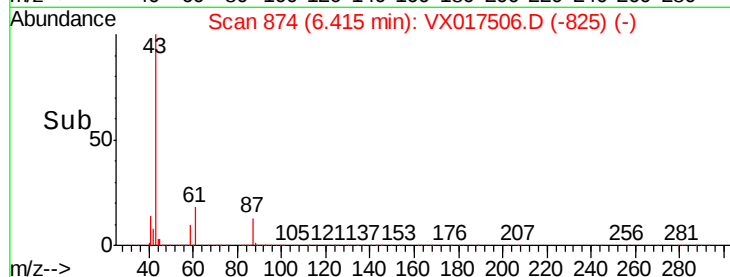
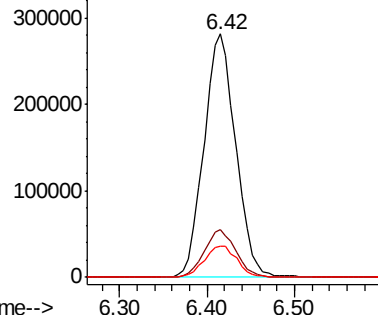
87 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.627 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017506.D

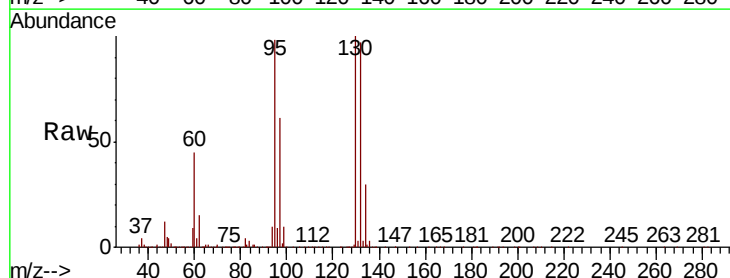
Acq: 23 Jul 2020 21:18

Tgt Ion:130 Resp: 307736

Ion Ratio Lower Upper

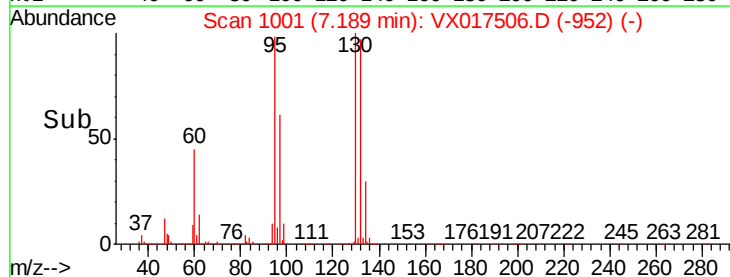
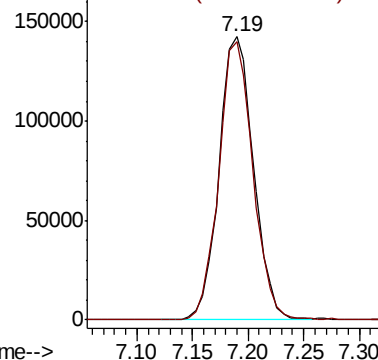
130 100

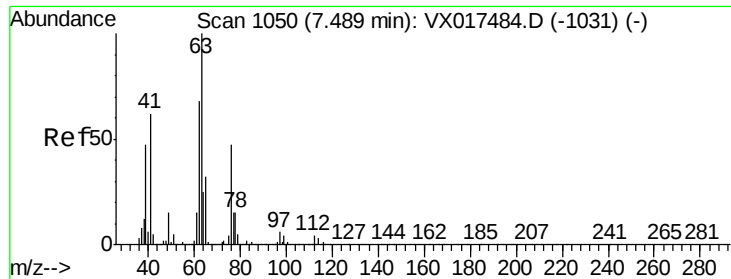
95 98.4 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

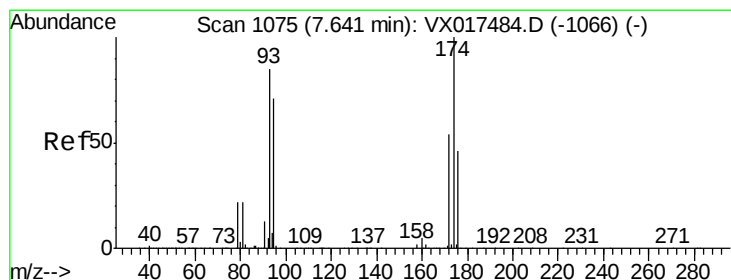
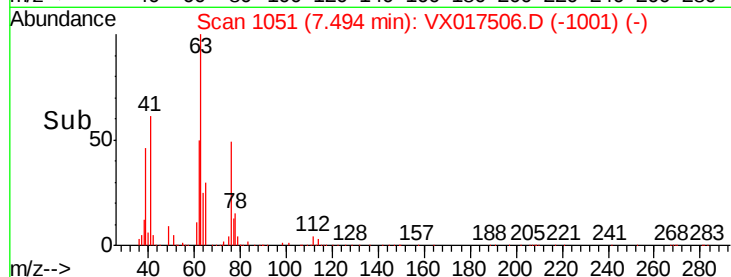
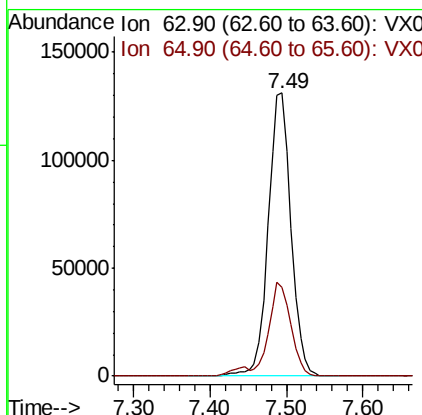
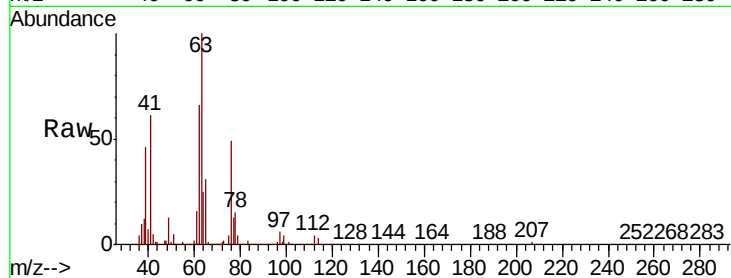




#45
 1,2-Dichloropropane
 Concen: 45.299 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

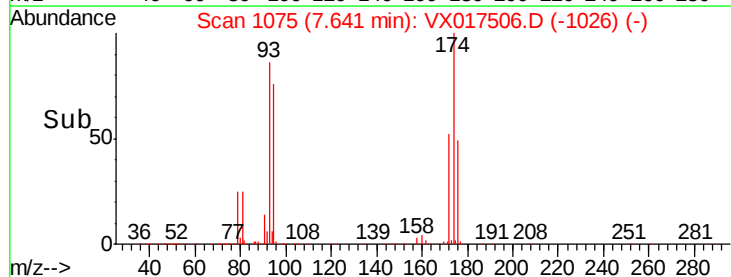
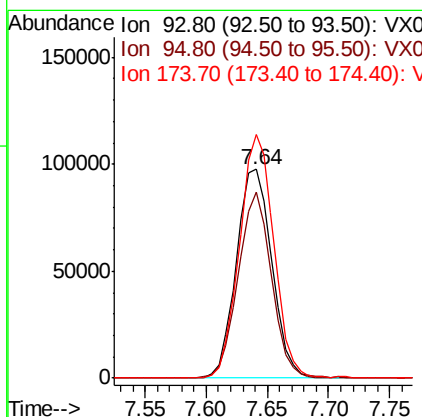
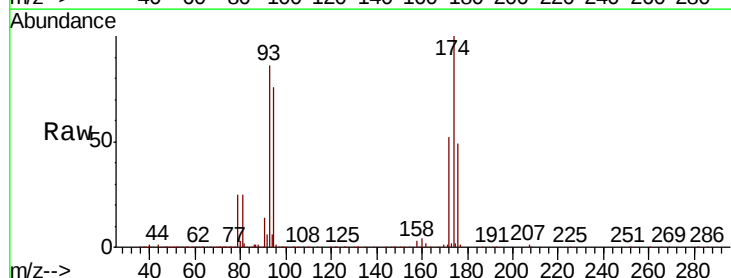
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

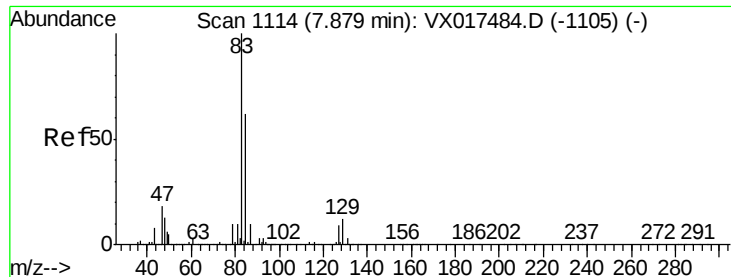
Tot Ion: 63 Resp: 271938
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.5 36.7



#46
 Dibromomethane
 Concen: 46.240 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion: 93 Resp: 196175
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 113.2 87.0 130.6





#47

Bromodichloromethane

Concen: 48.002 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

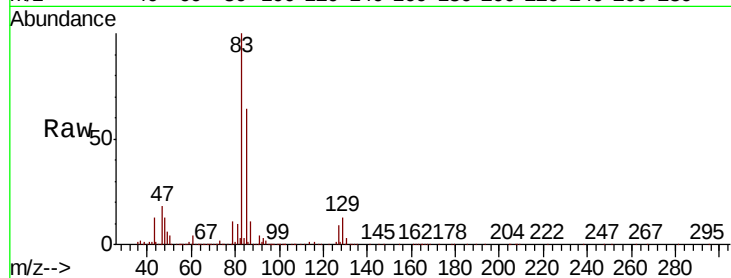
Tot Ion: 83 Resp: 409765

Ion Ratio Lower Upper

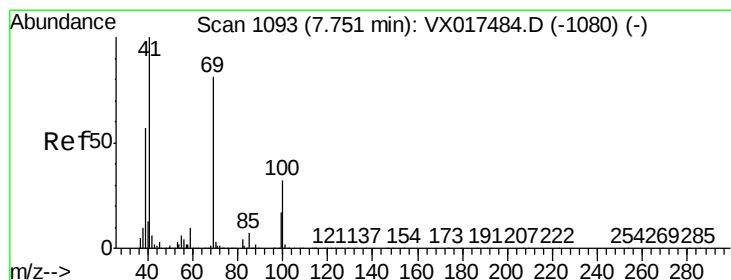
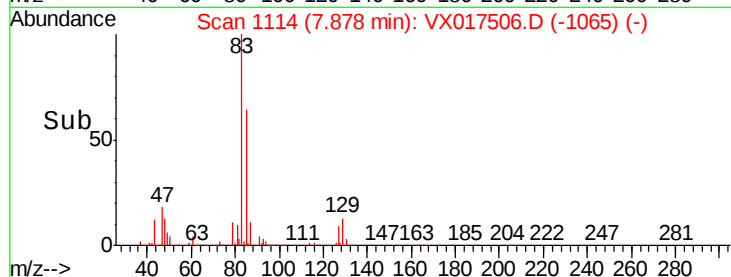
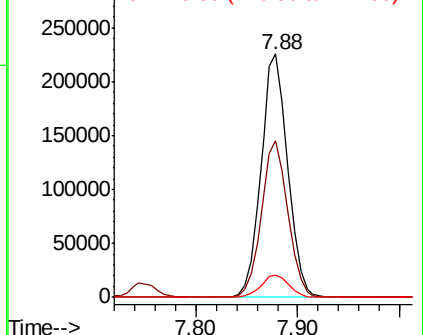
83 100

85 64.1 51.8 77.8

127 9.1 7.4 11.2



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: 49.370 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

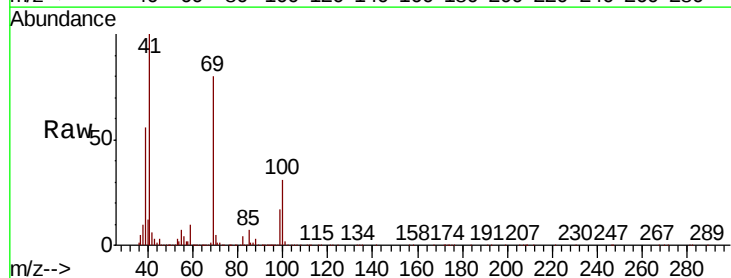
Tgt Ion: 41 Resp: 333703

Ion Ratio Lower Upper

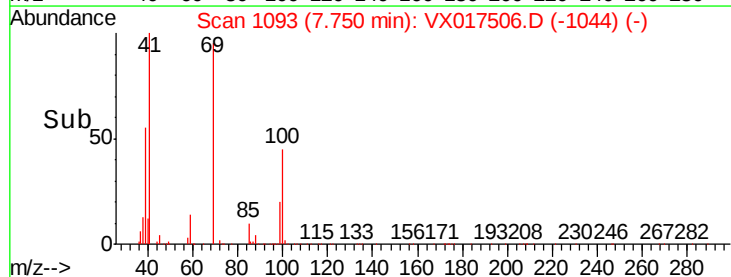
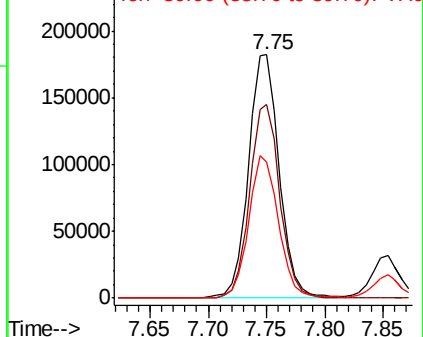
41 100

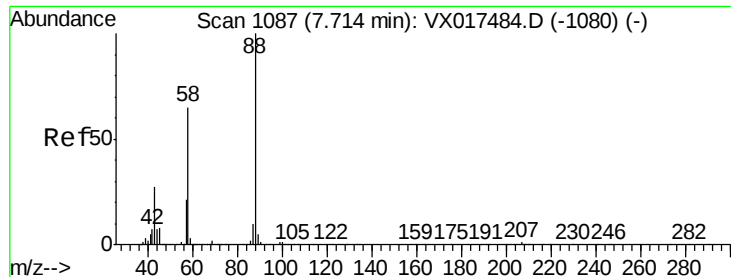
69 78.5 63.1 94.7

39 56.5 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: 1081.196 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

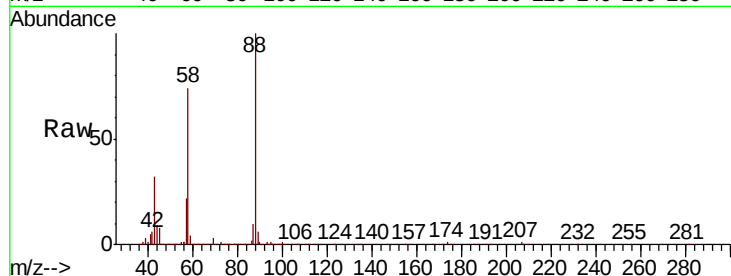
Tot Ion: 88 Resp: 140113

Ion Ratio Lower Upper

88 100

43 35.8 27.8 41.6

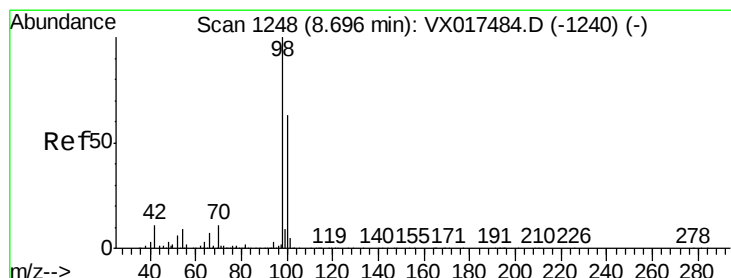
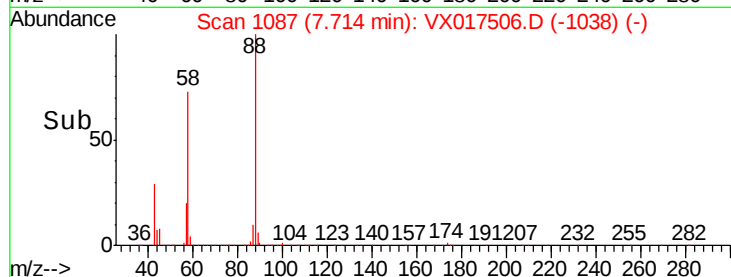
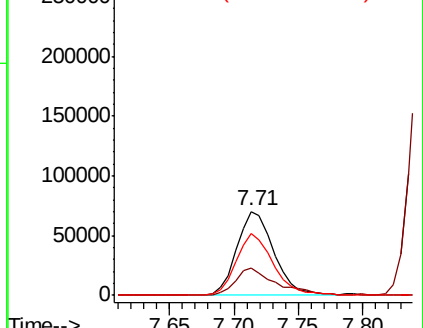
58 74.1 58.3 87.5



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: 54.662 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017506.D

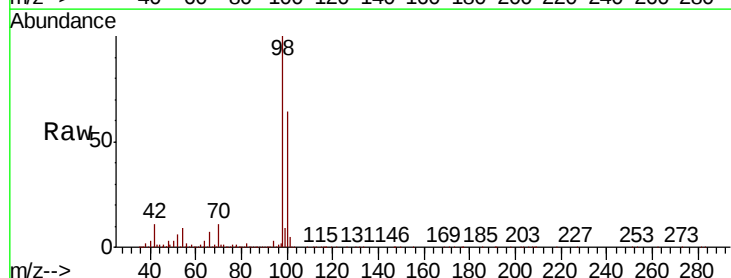
Acq: 23 Jul 2020 21:18

Tgt Ion: 98 Resp: 1038651

Ion Ratio Lower Upper

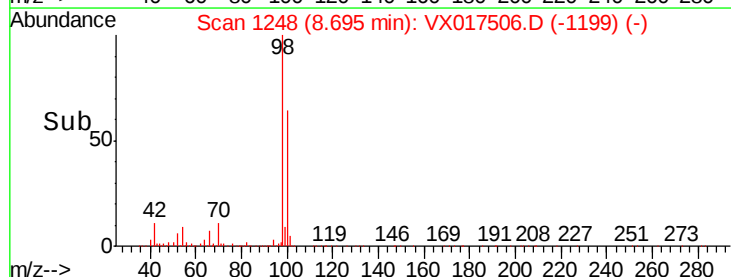
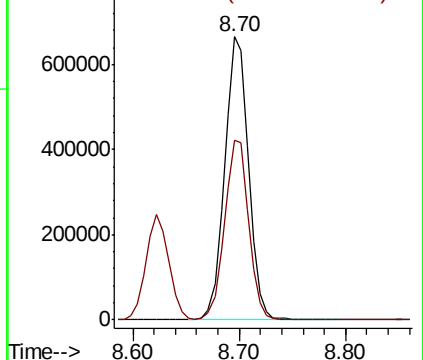
98 100

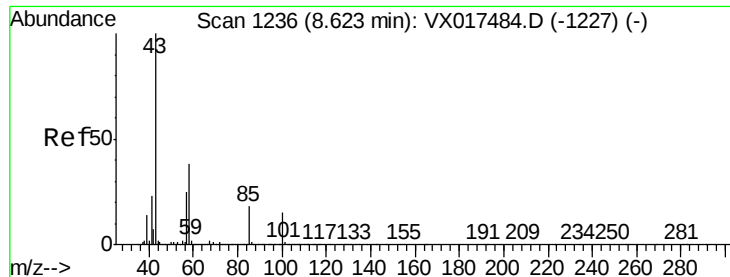
100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 307.266 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

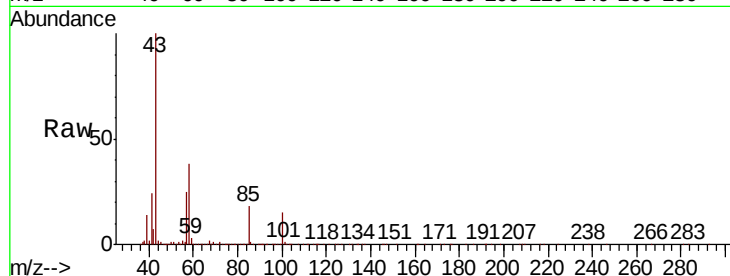
VSTDCCC050

Tot Ion: 43 Resp: 2499939

Ion Ratio Lower Upper

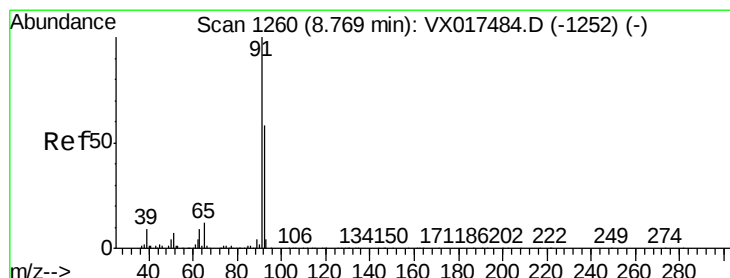
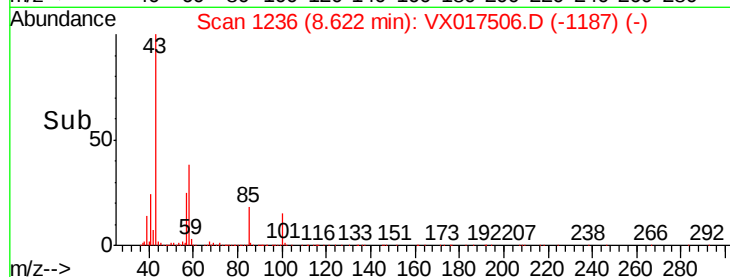
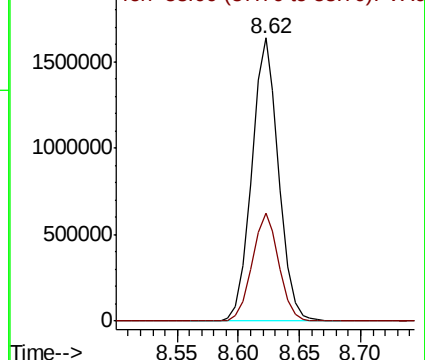
43 100

58 37.9 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.343 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017506.D

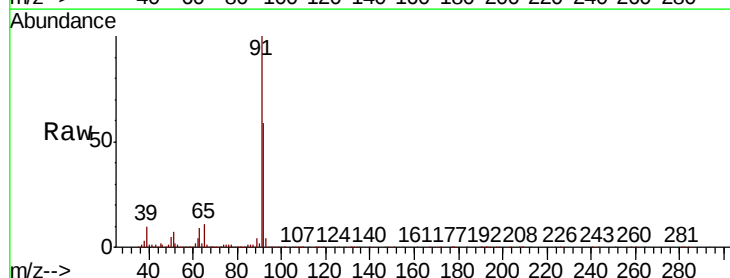
Acq: 23 Jul 2020 21:18

Tgt Ion: 92 Resp: 768592

Ion Ratio Lower Upper

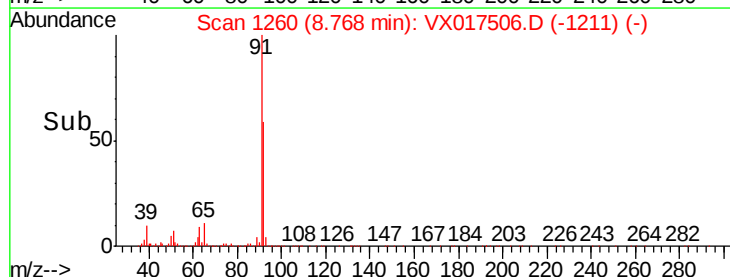
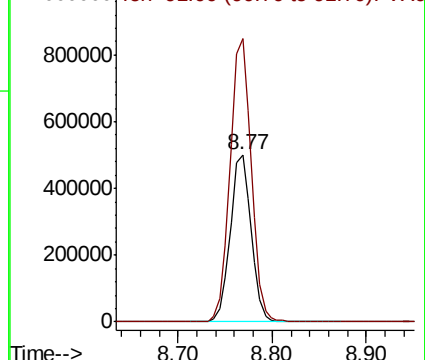
92 100

91 172.5 137.6 206.4



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: 55.431 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

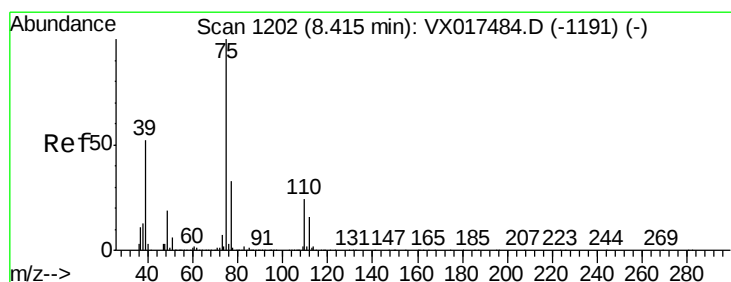
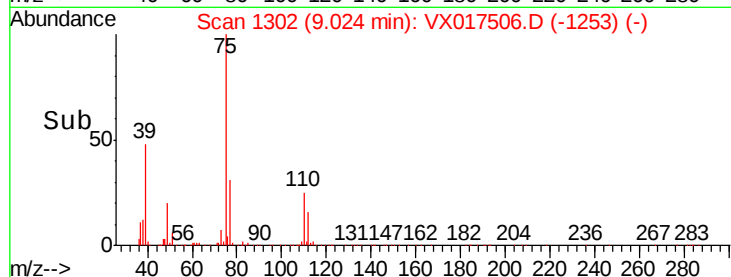
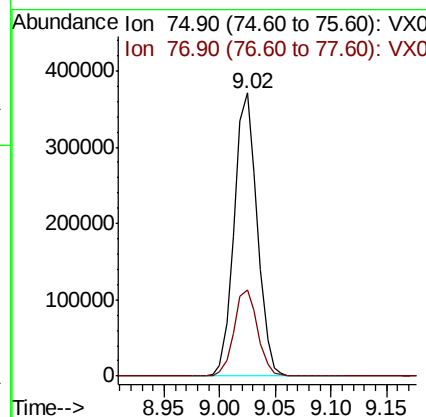
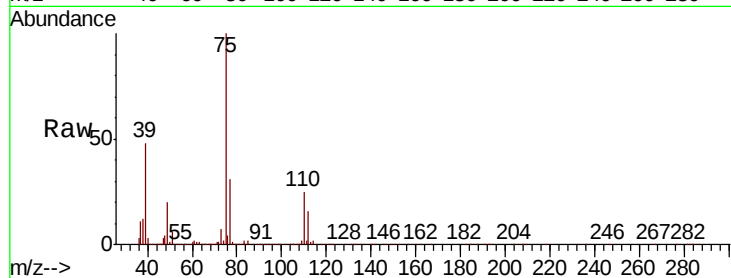
VSTDCCC050

Tot Ion: 75 Resp: 529689

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 56.129 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

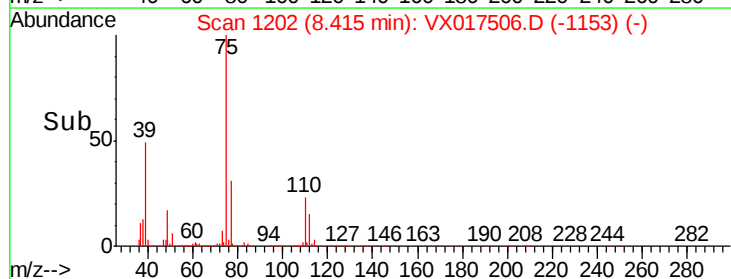
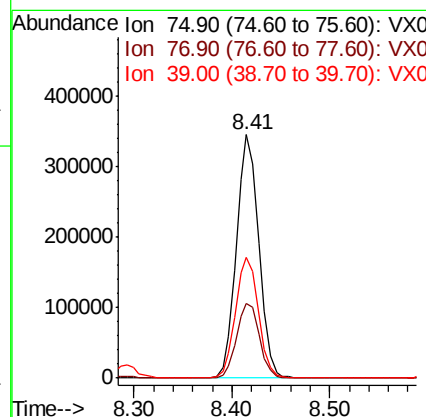
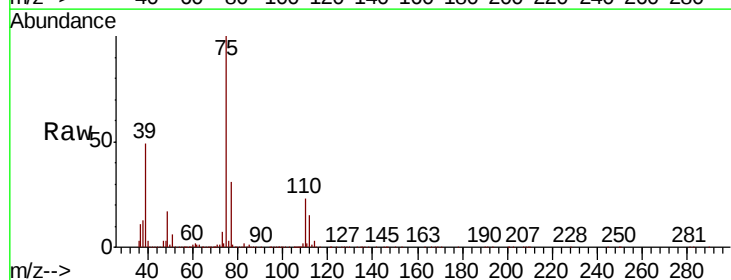
Tgt Ion: 75 Resp: 547086

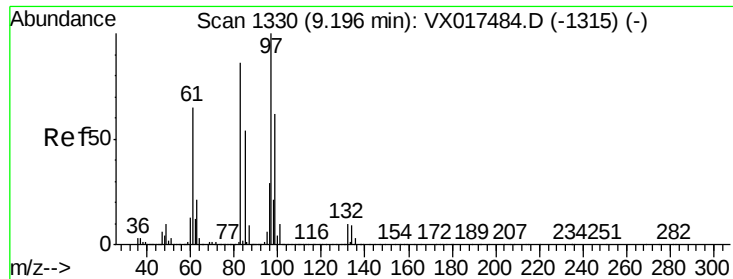
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 49.3 41.8 62.8

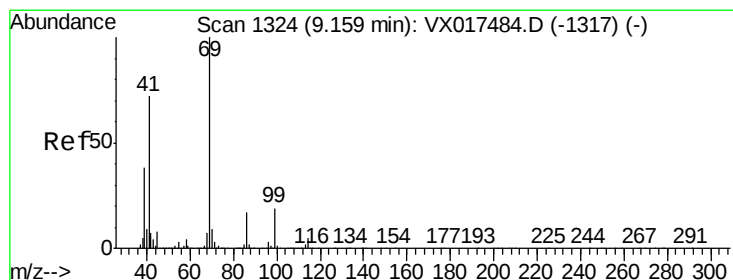
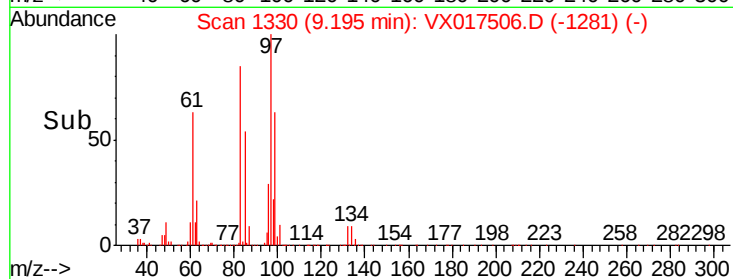
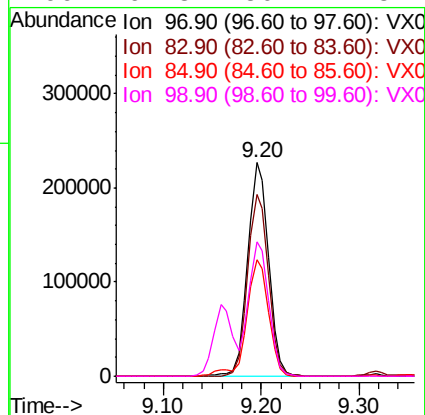
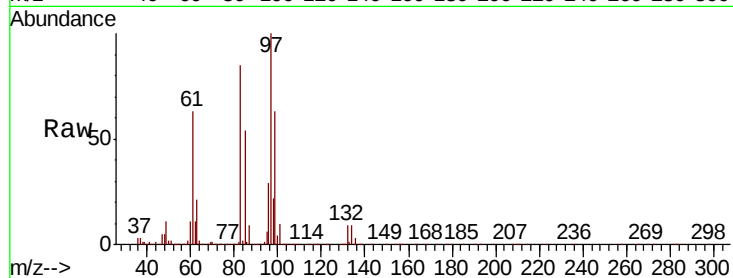




#55
 1,1,2-Trichloroethane
 Concen: 58.254 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

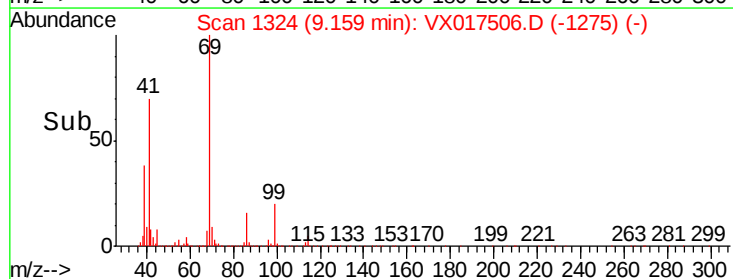
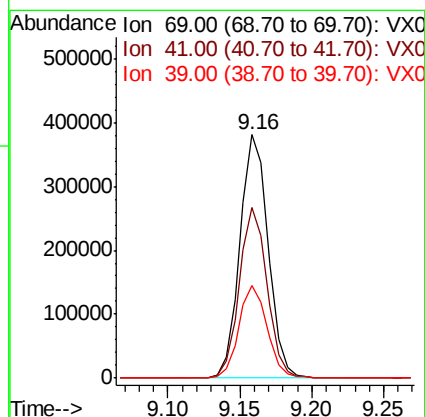
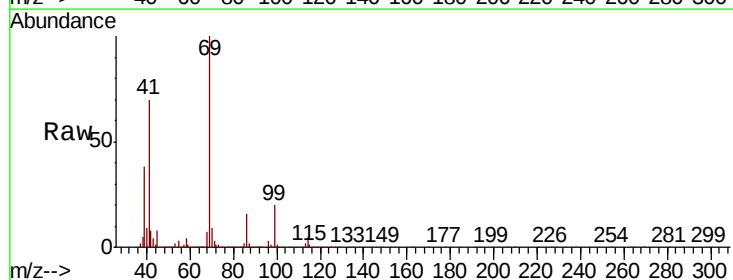
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

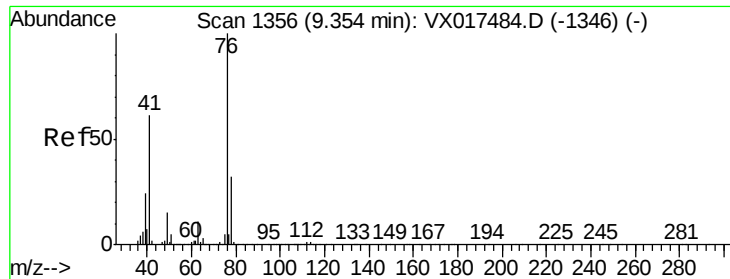
Tot Ion:	97	Resp:	337020
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.6	101.4
85	54.2	44.6	67.0
99	62.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 59.714 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion:	69	Resp:	520473
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.0	82.6
39	38.4	30.0	45.0





#57

1,3-Dichloropropane

Concen: 58.086 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

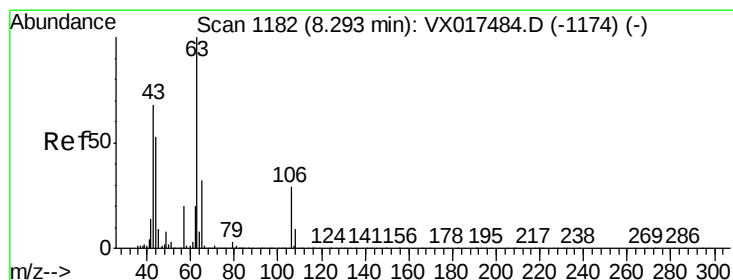
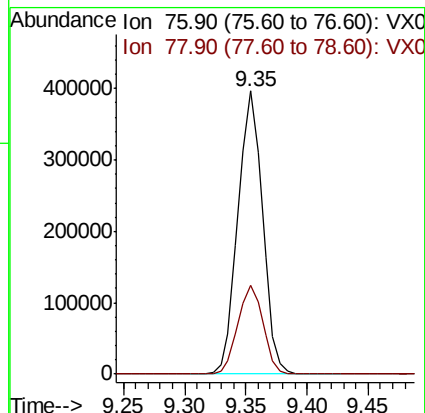
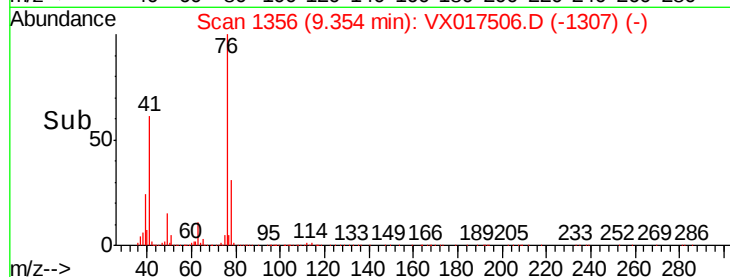
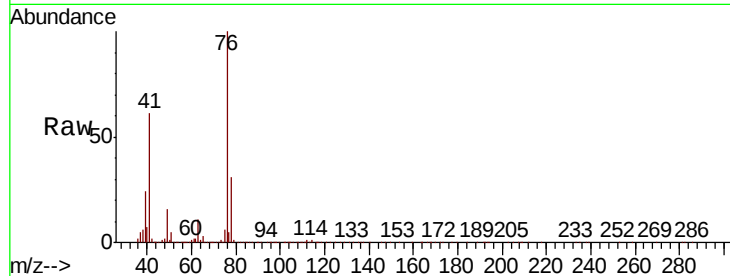
VSTDCCC050

Tot Ion: 76 Resp: 553340

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 285.582 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017506.D

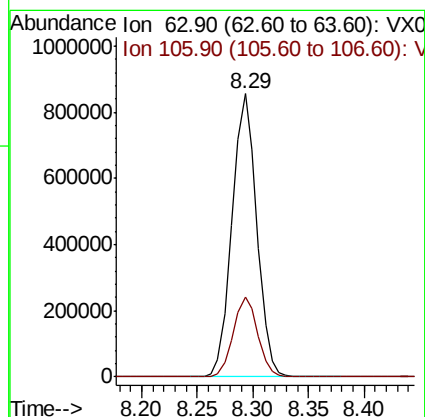
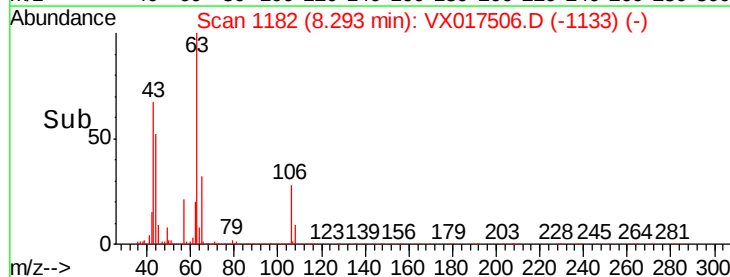
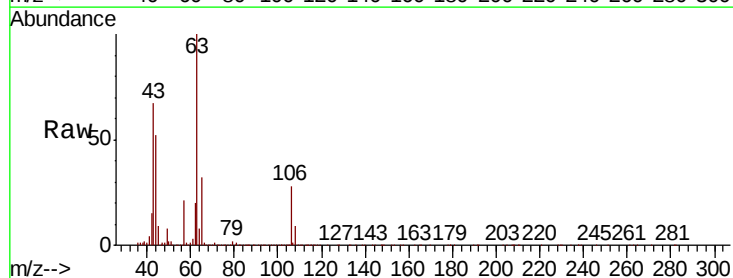
Acq: 23 Jul 2020 21:18

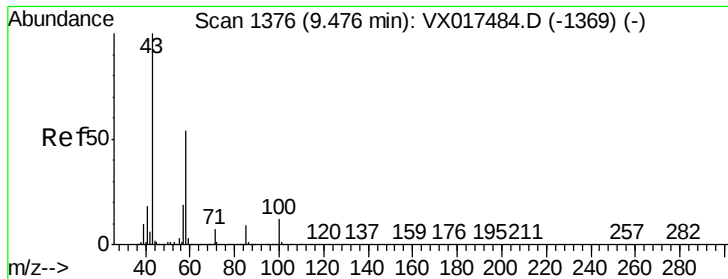
Tgt Ion: 63 Resp: 1311397

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0

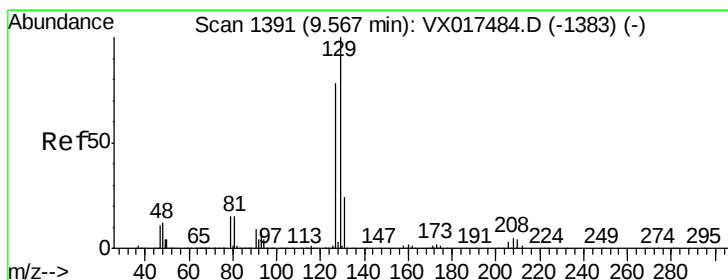
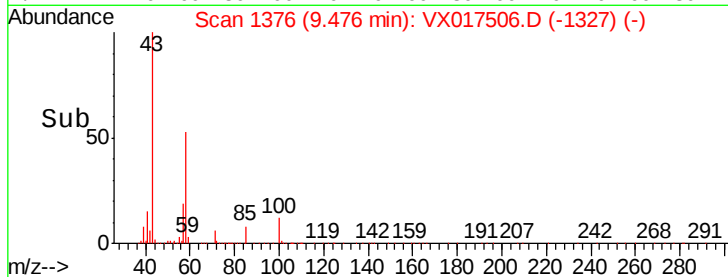
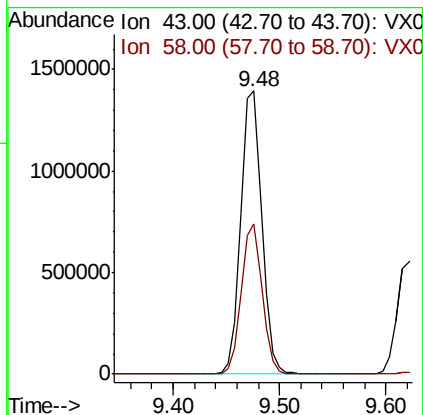
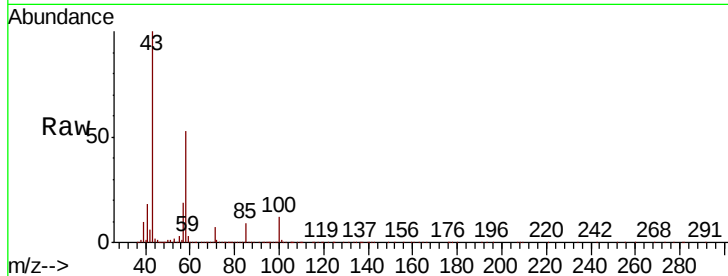




#59
2-Hexanone
Concen: 318.141 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

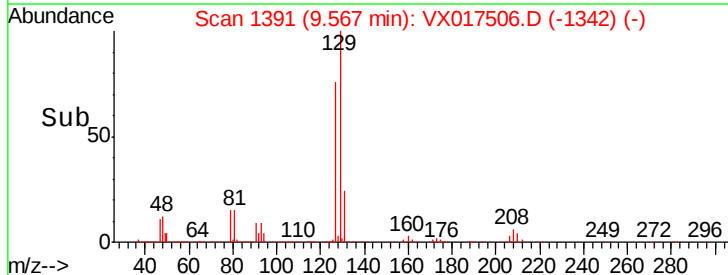
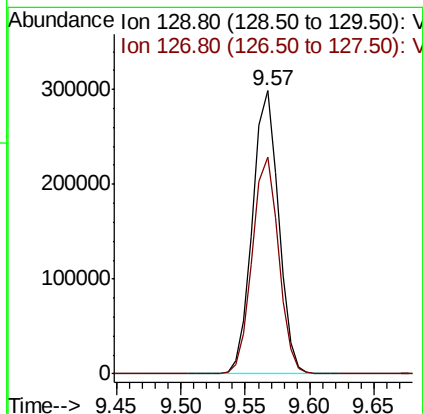
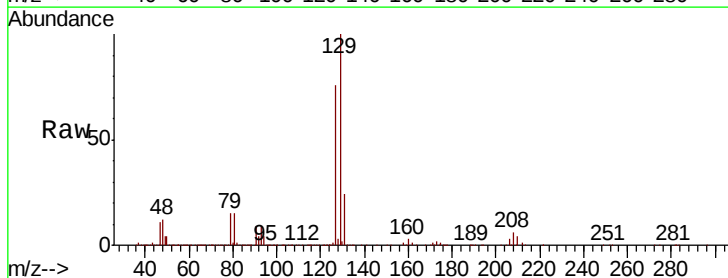
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

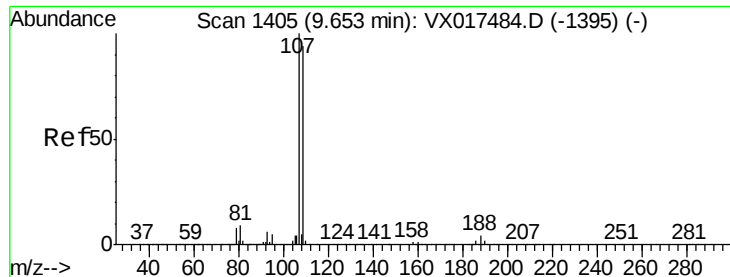
Tot Ion: 43 Resp: 1948790
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8



#60
Dibromochloromethane
Concen: 56.661 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 129 Resp: 416641
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 59.333 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

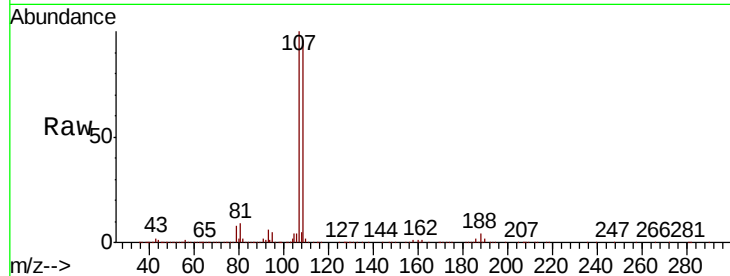
VSTDCCC050

Tot Ion:107 Resp: 365456

Ion Ratio Lower Upper

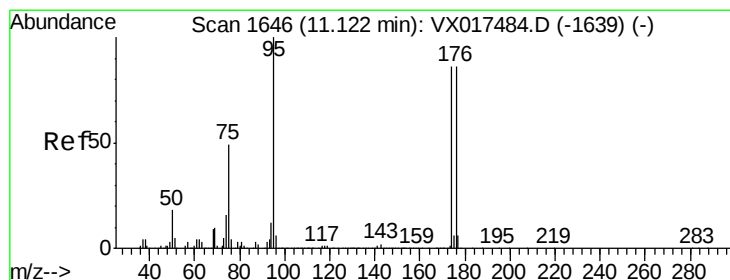
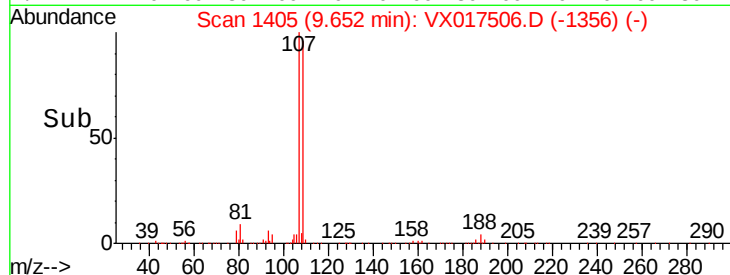
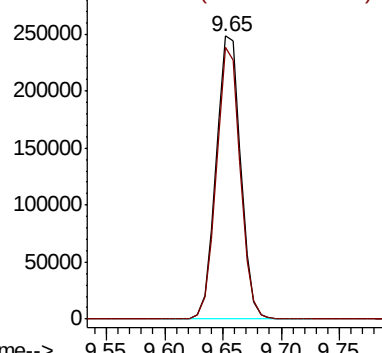
107 100

109 93.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.800 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

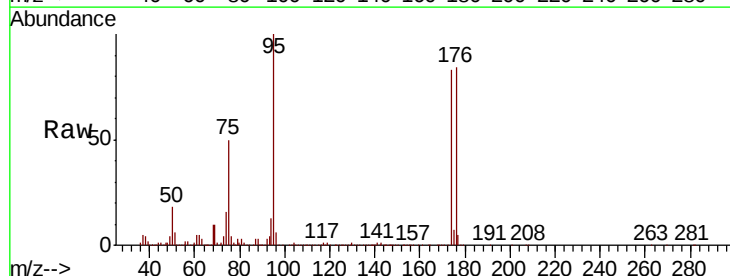
Tgt Ion: 95 Resp: 355884

Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

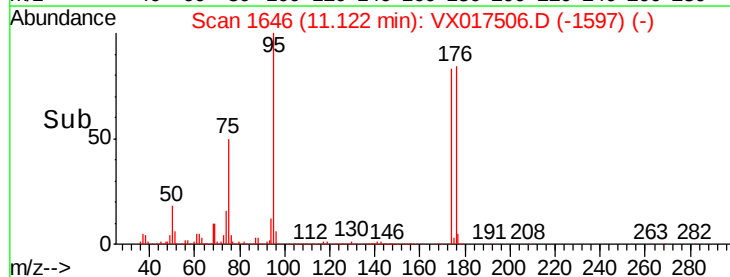
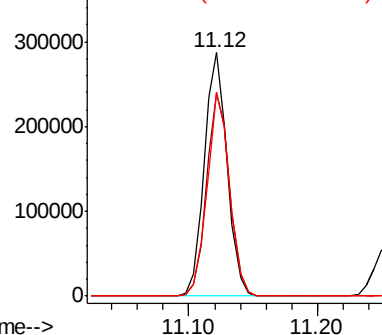
176 82.3 0.0 161.0

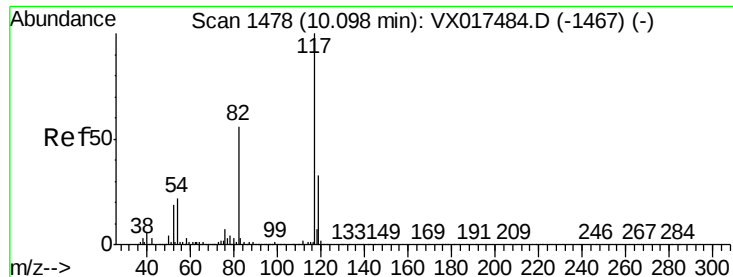


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

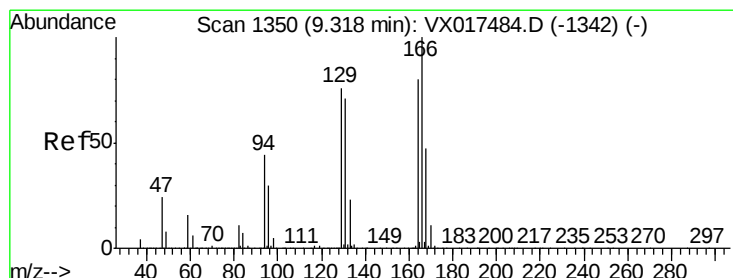
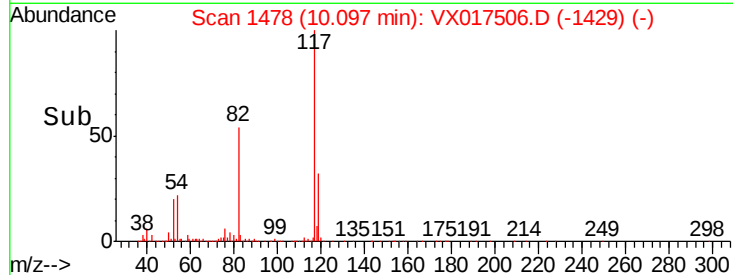
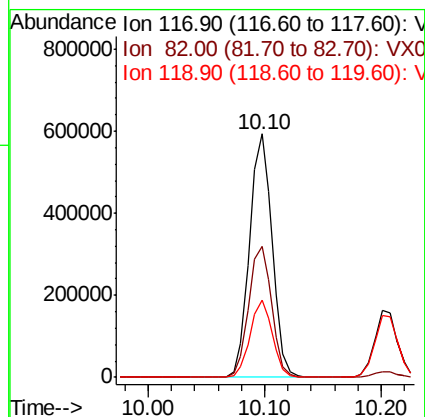
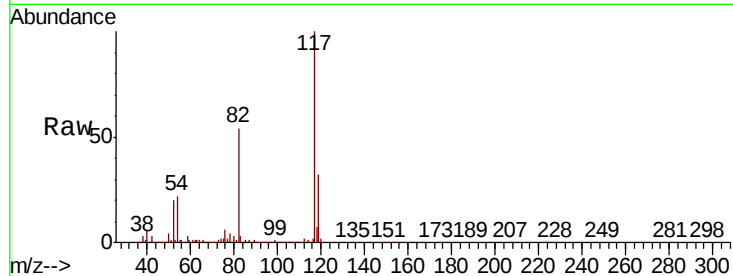




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

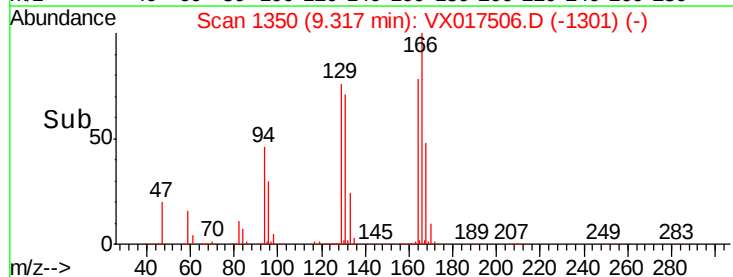
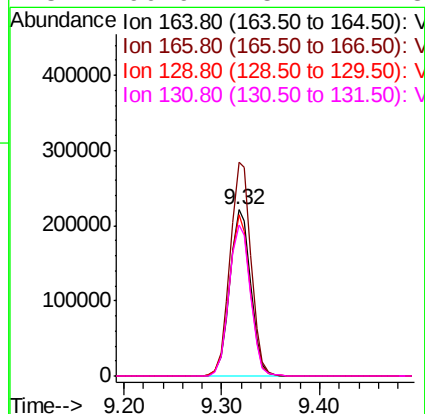
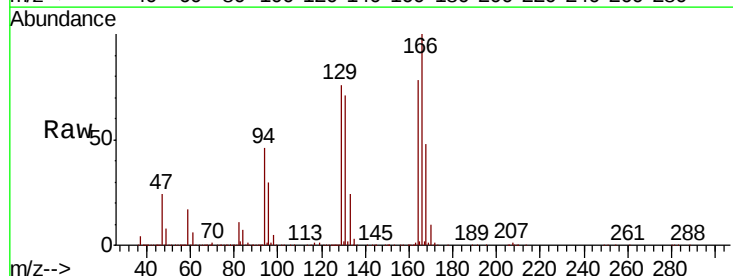
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 807763
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 45.370 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion:164 Resp: 328927
Ion Ratio Lower Upper
164 100
166 128.5 100.6 150.8
129 97.5 75.0 112.6
131 90.9 75.2 112.8

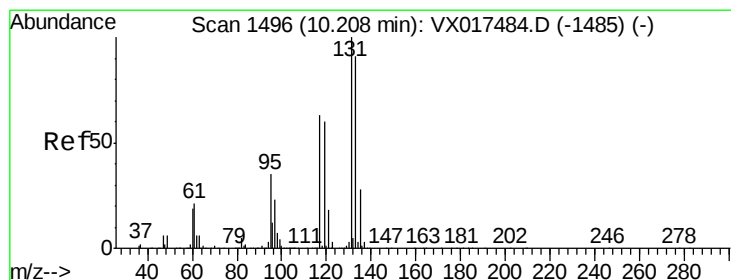
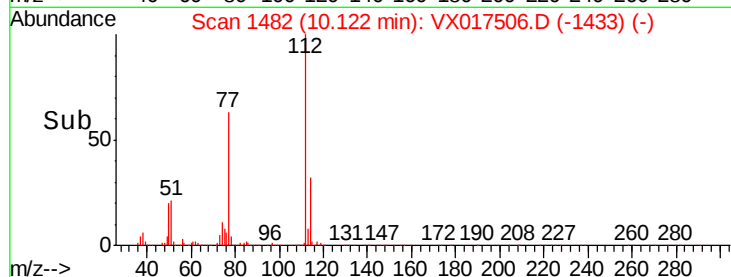
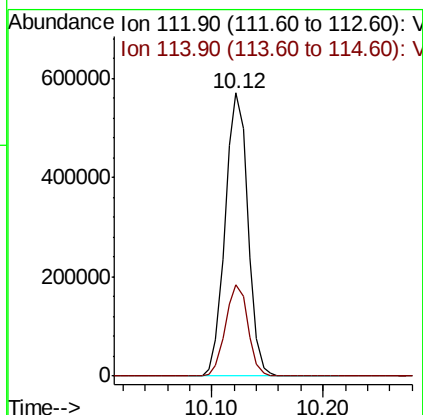




#65
Chlorobenzene
Concen: 46.007 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

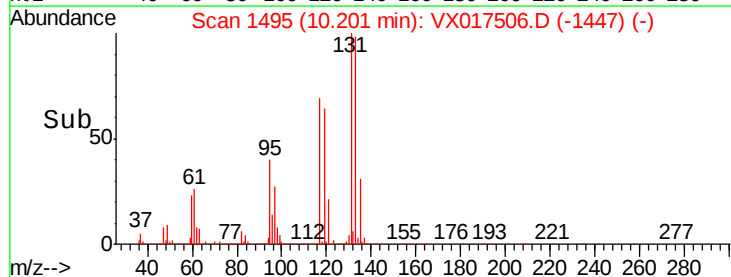
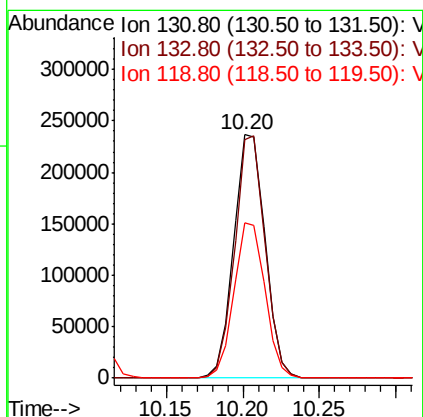
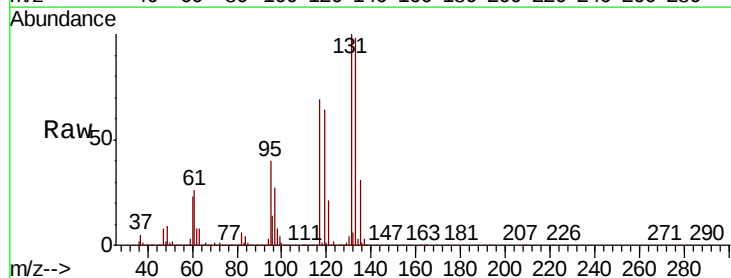
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

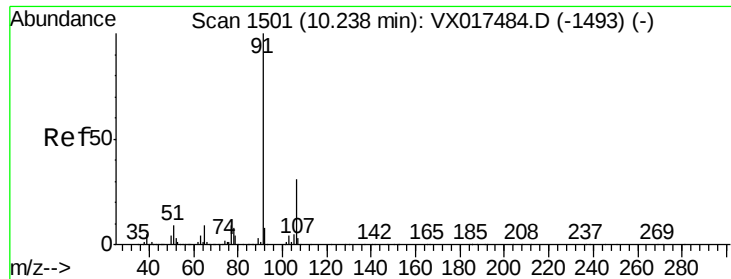
Tot Ion:112 Resp: 804391
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.711 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion:131 Resp: 336667
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 62.9 31.1 93.3

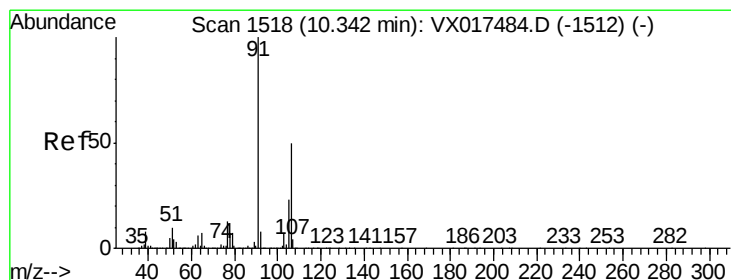
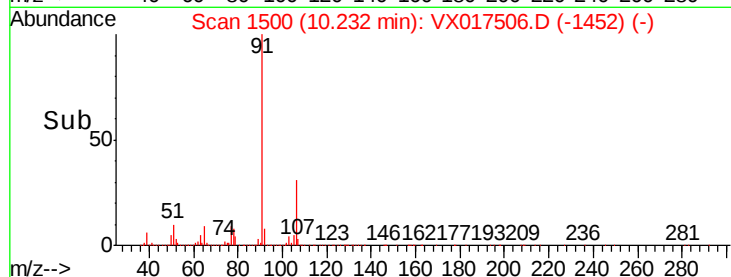
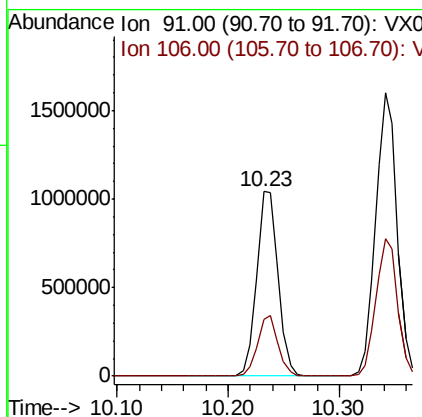
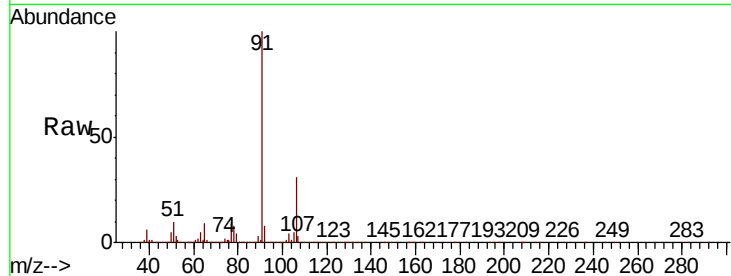




#67
Ethyl Benzene
Concen: 47.942 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

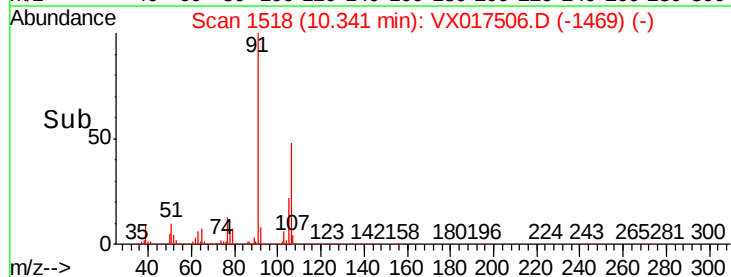
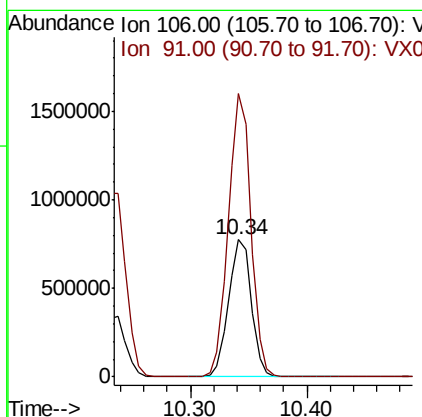
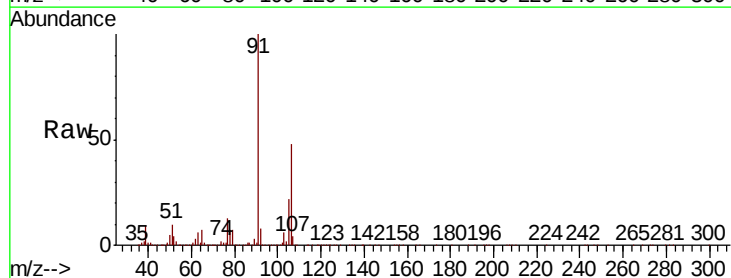
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

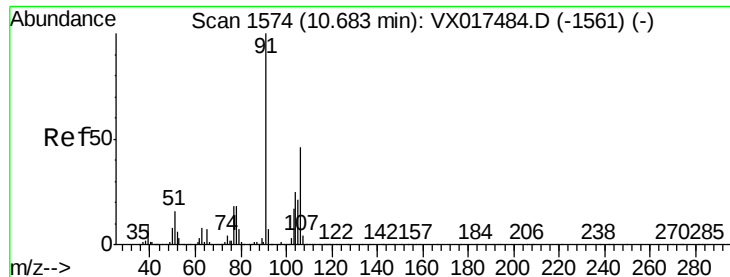
Tot Ion: 91 Resp: 1399231
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6



#68
m/p-Xylenes
Concen: 93.574 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 106 Resp: 1057993
Ion Ratio Lower Upper
106 100
91 203.8 160.9 241.3

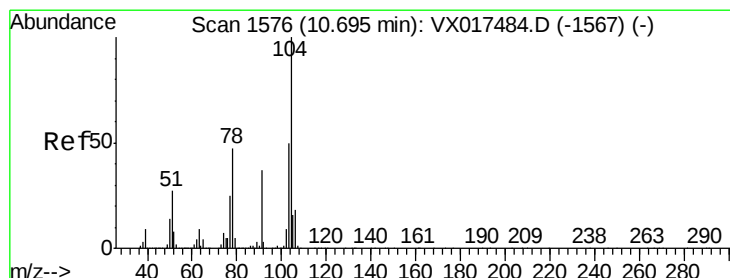
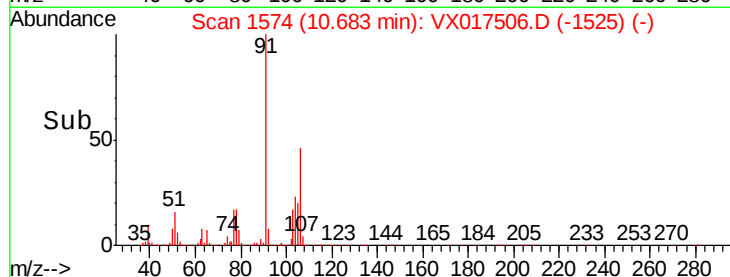
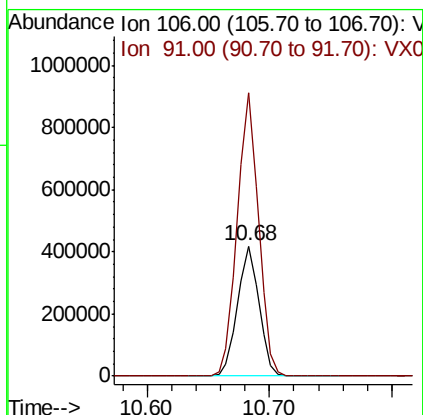
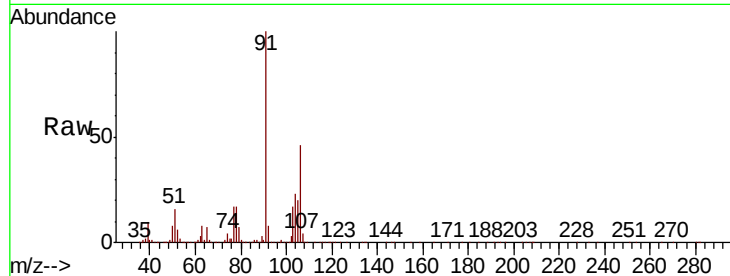




#69
o-Xylene
Concen: 46.472 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

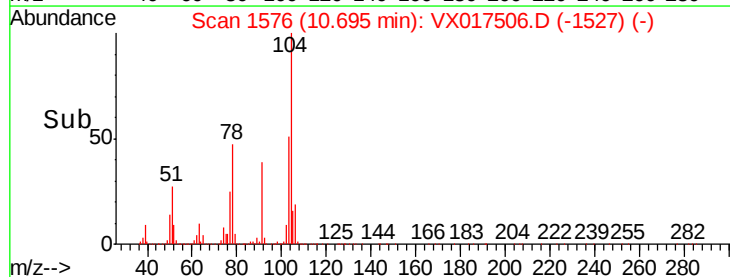
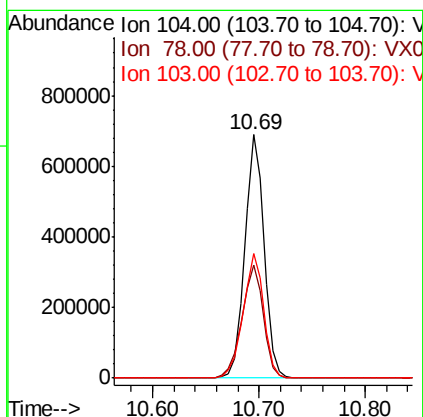
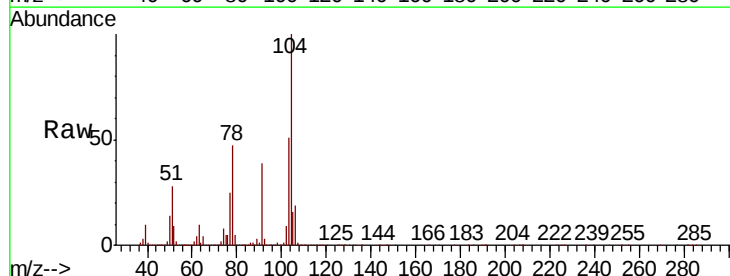
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 505354
Ion Ratio Lower Upper
106 100
91 215.5 108.2 324.6



#70
Styrene
Concen: 47.319 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion:104 Resp: 875490
Ion Ratio Lower Upper
104 100
78 51.7 42.5 63.7
103 54.9 44.3 66.5





#71

Bromoform

Concen: 46.818 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

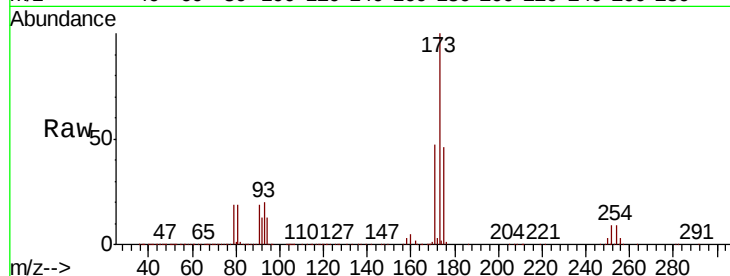
Tot Ion:173 Resp: 286225

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.5

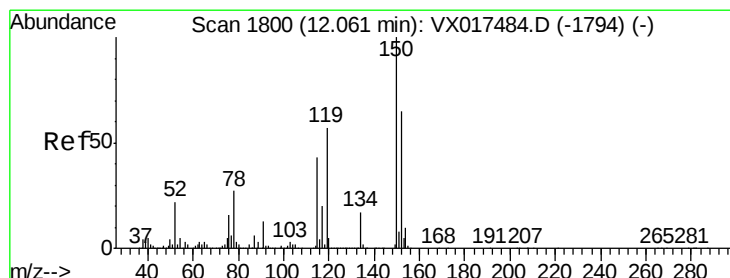
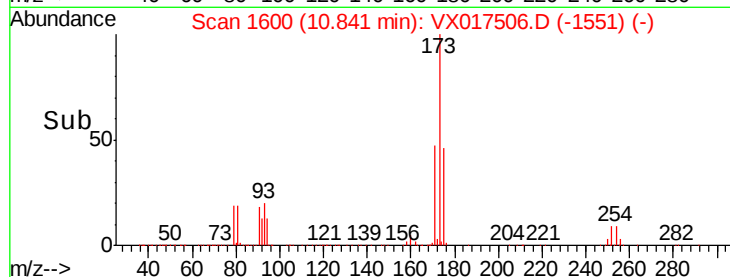
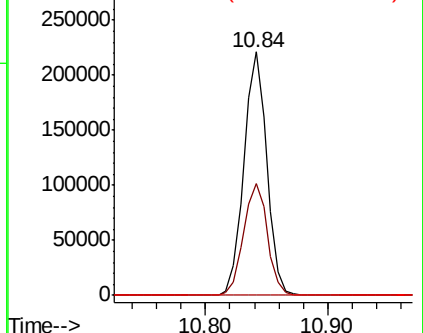
254 0.2 0.1 0.1#



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: VX017506.D

Acq: 23 Jul 2020 21:18

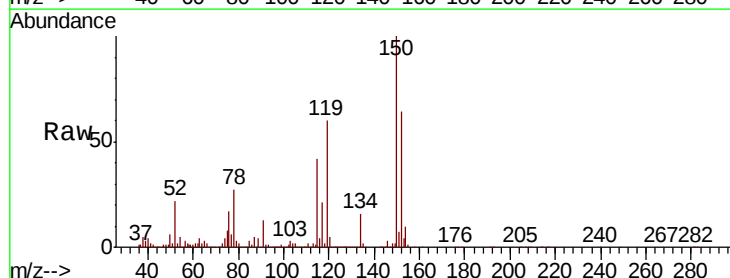
Tgt Ion:152 Resp: 385163

Ion Ratio Lower Upper

152 100

115 80.2 65.5 196.6

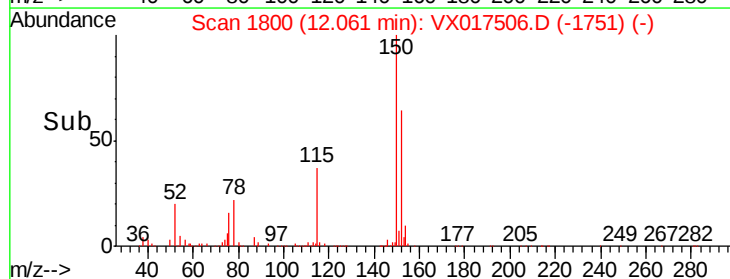
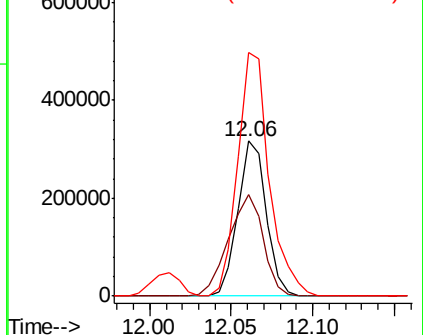
150 174.7 0.0 412.6

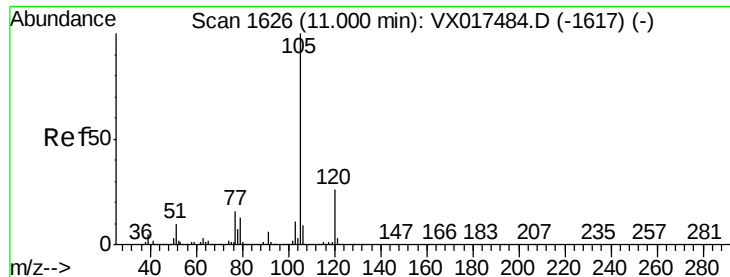


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.491 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampled :

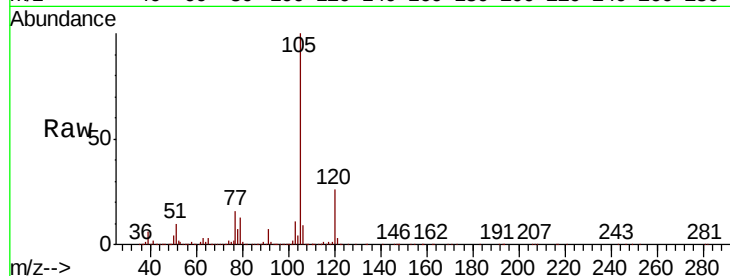
VSTDCCC050

Tot Ion:105 Resp: 1281261

Ion Ratio Lower Upper

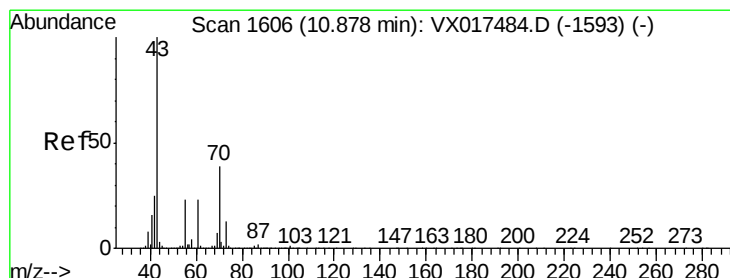
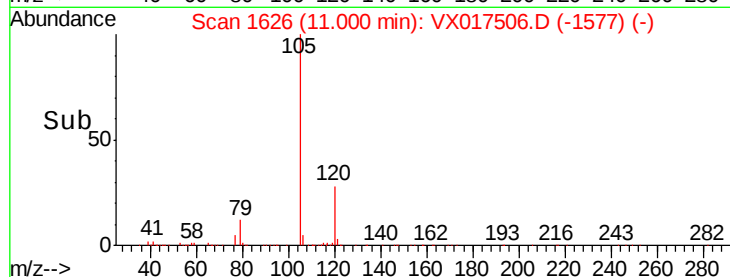
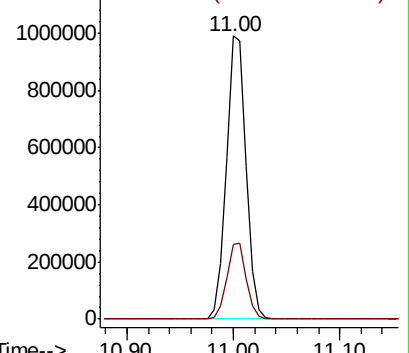
105 100

120 26.6 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: 50.802 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion: 43 Resp: 596408

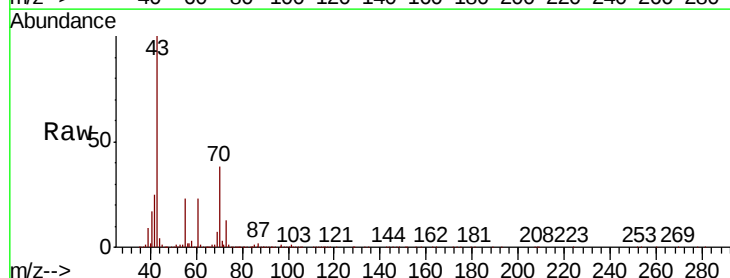
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 23.5 18.4 27.6

61 23.9 18.6 28.0

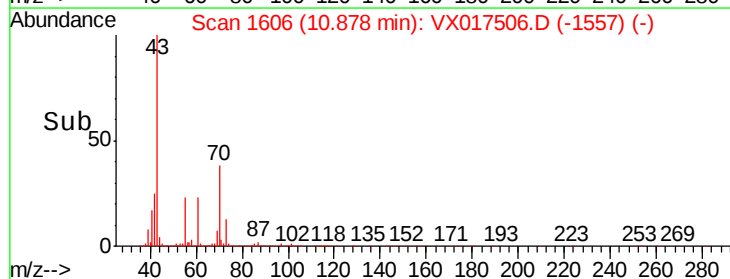
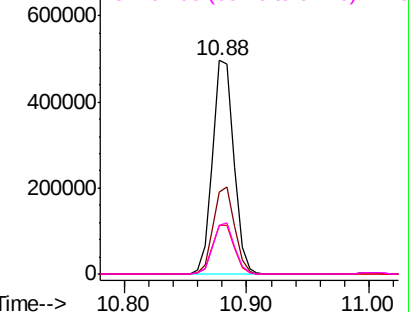


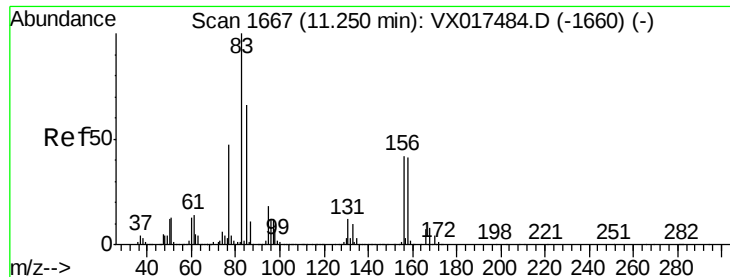
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.710 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

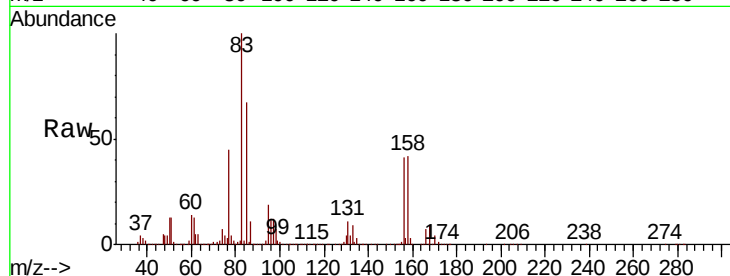
Tot Ion: 83 Resp: 393485

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.5

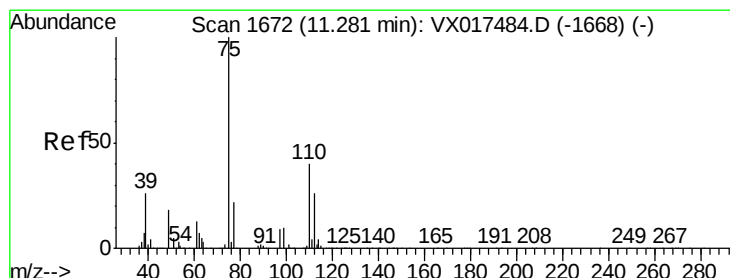
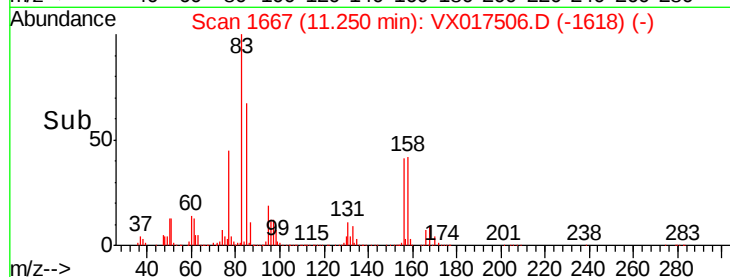
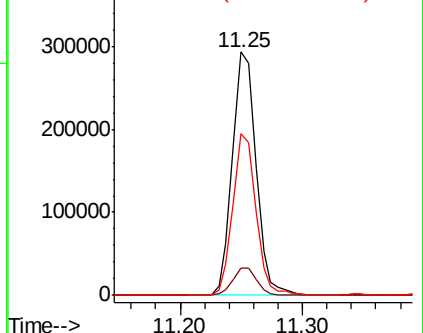
85 64.7 32.1 96.3



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: 63.186 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017506.D

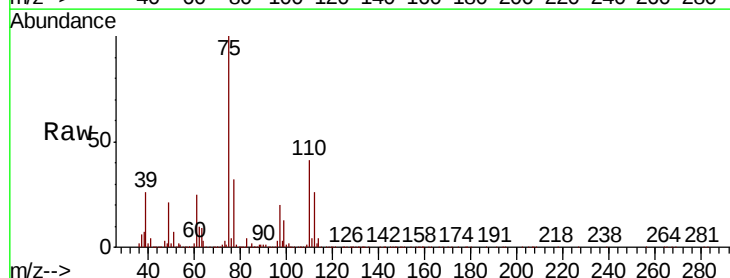
Acq: 23 Jul 2020 21:18

Tgt Ion: 75 Resp: 500623

Ion Ratio Lower Upper

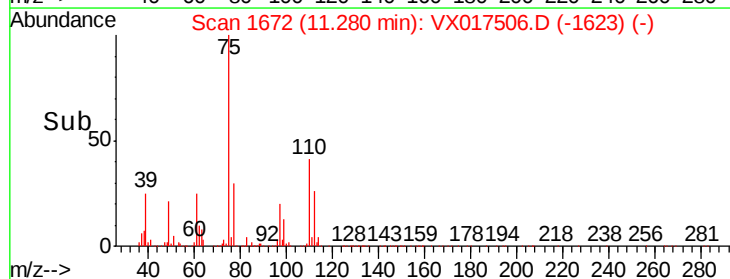
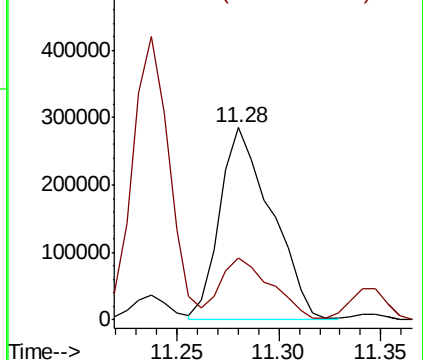
75 100

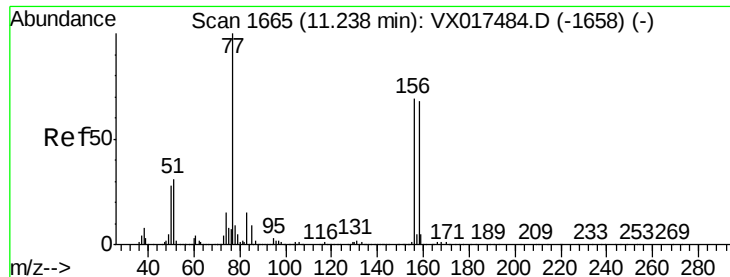
77 31.8 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.200 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

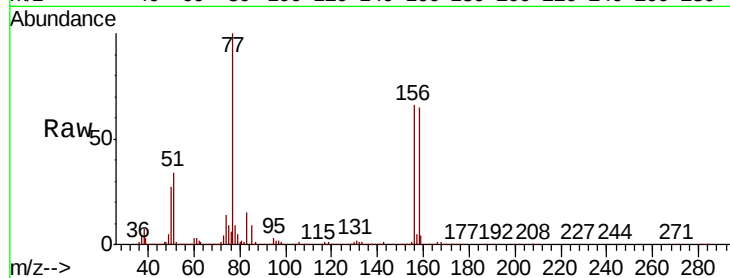
Tot Ion:156 Resp: 356544

Ion Ratio Lower Upper

156 100

77 147.4 75.0 225.0

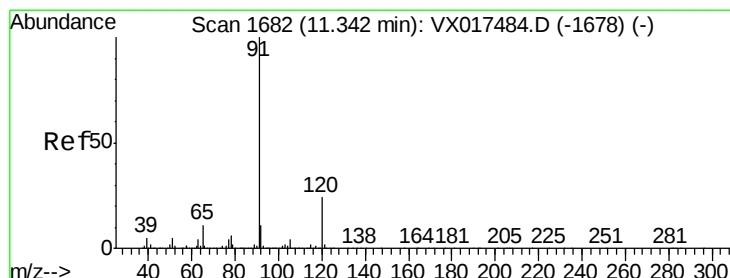
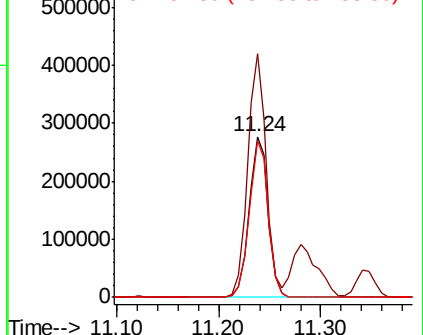
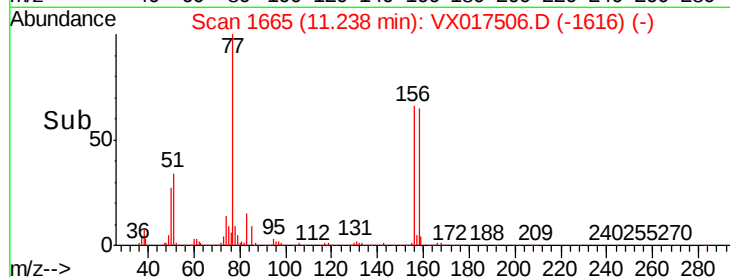
158 97.9 49.1 147.3



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: 47.890 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017506.D

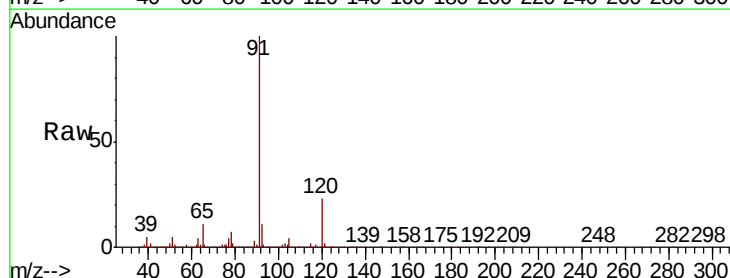
Acq: 23 Jul 2020 21:18

Tgt Ion: 91 Resp: 1427167

Ion Ratio Lower Upper

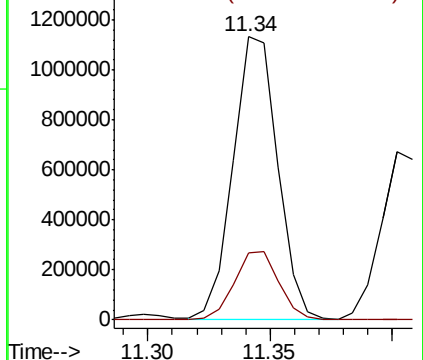
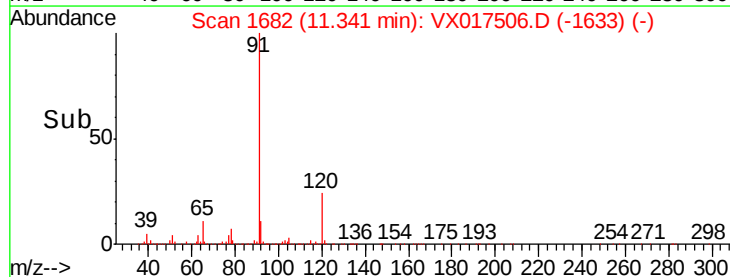
91 100

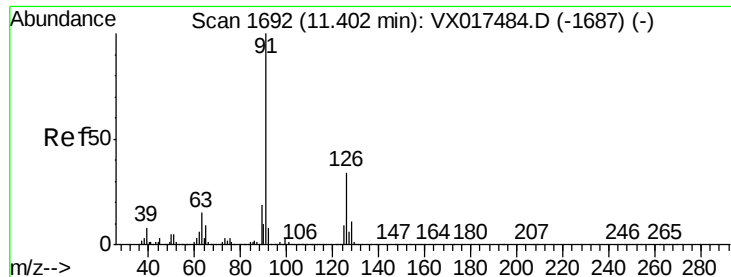
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

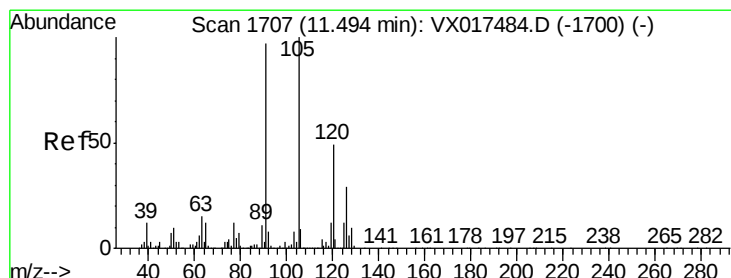
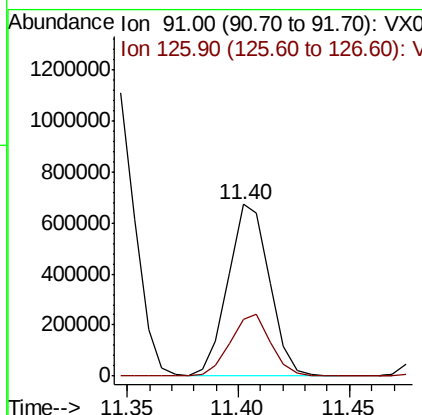
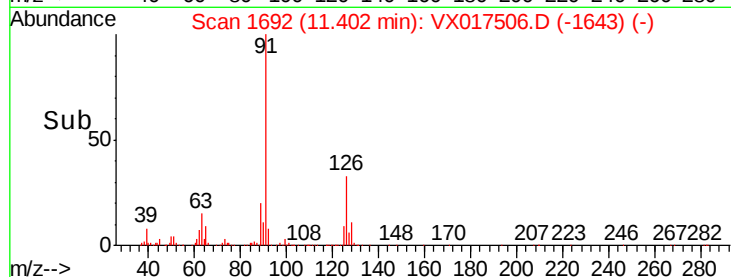
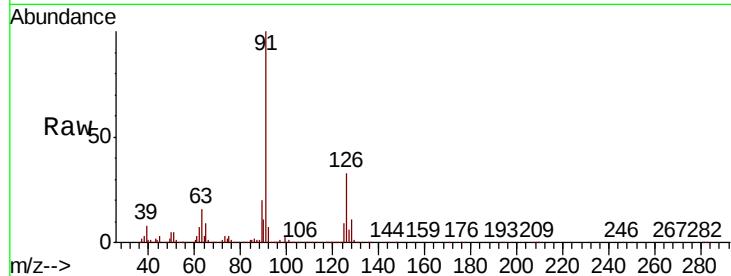




#79
2-Chlorotoluene
Concen: 47.088 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

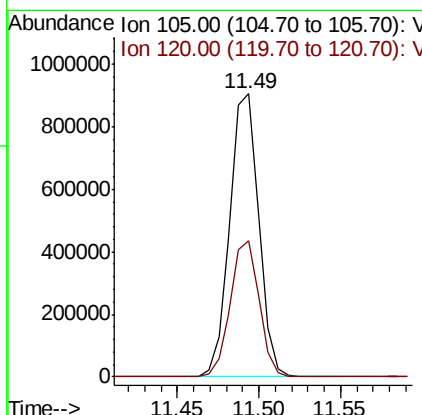
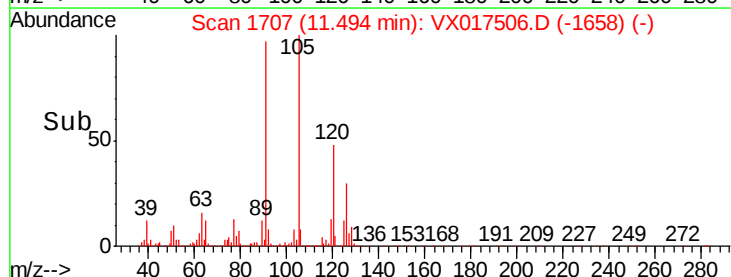
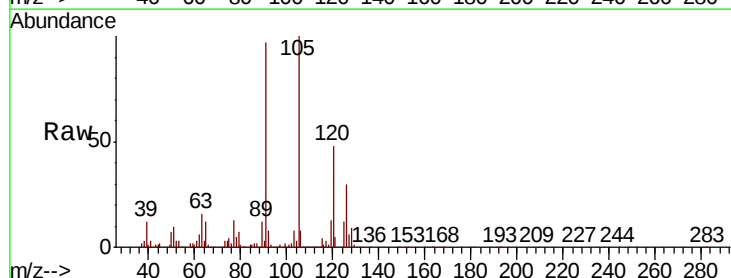
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 869264
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 49.486 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 105 Resp: 1116410
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.841 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

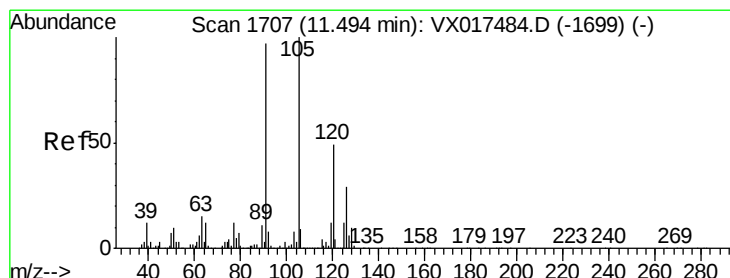
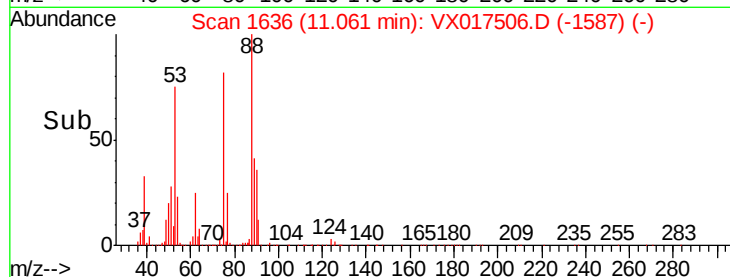
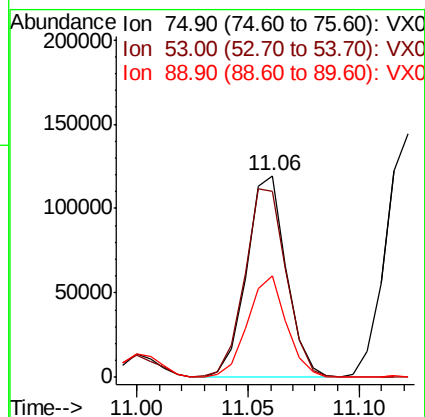
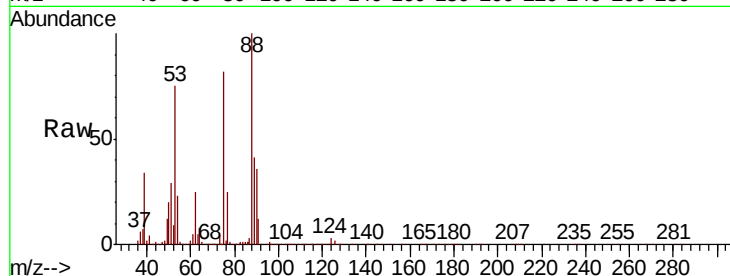
Tot Ion: 75 Resp: 147282

Ion Ratio Lower Upper

75 100

53 98.6 75.9 113.9

89 50.1 37.8 56.6



#82

4-Chlorotoluene

Concen: 48.335 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017506.D

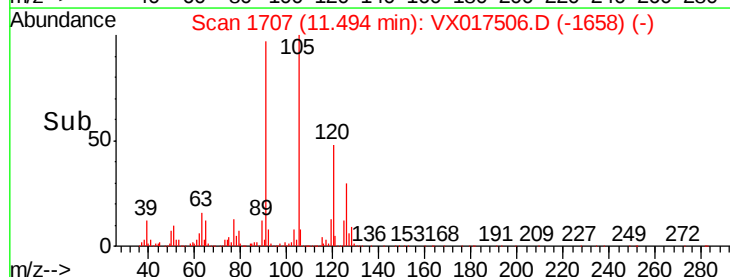
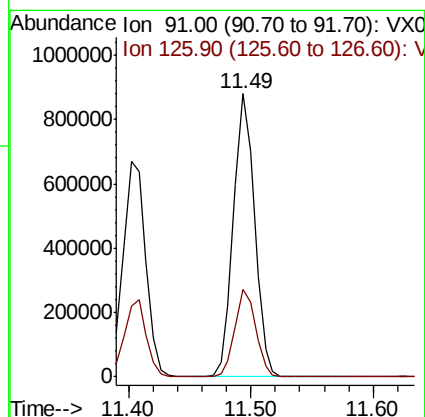
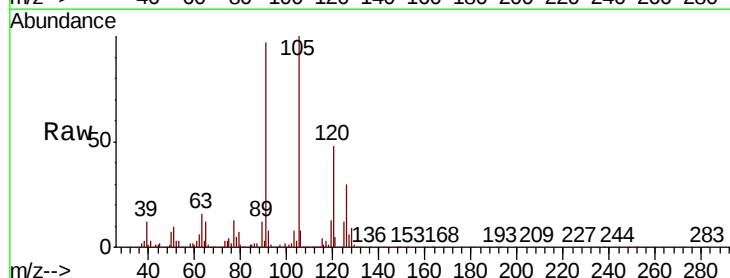
Acq: 23 Jul 2020 21:18

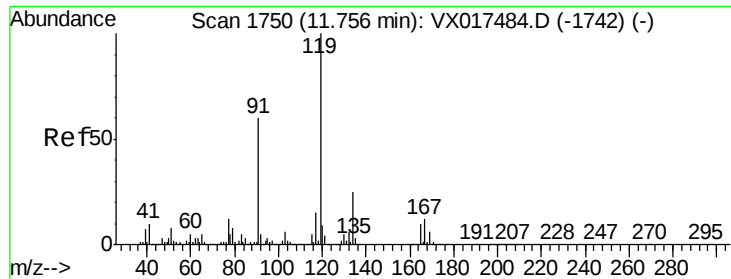
Tgt Ion: 91 Resp: 1052540

Ion Ratio Lower Upper

91 100

126 30.6 15.2 45.6

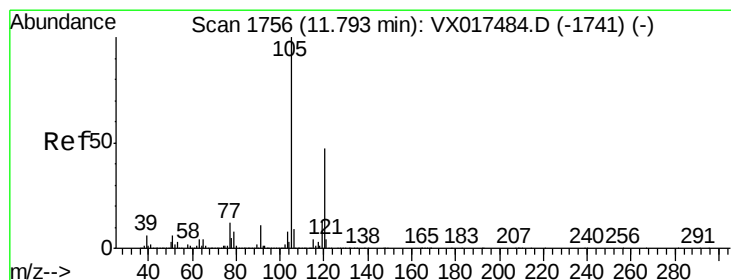
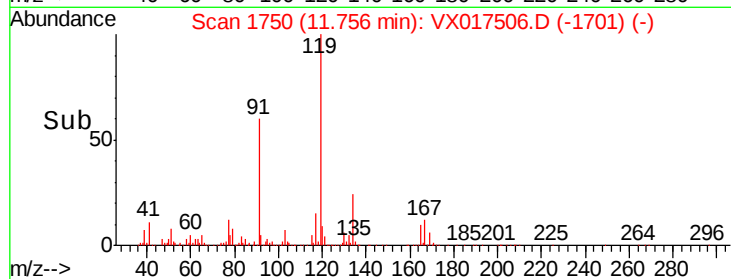
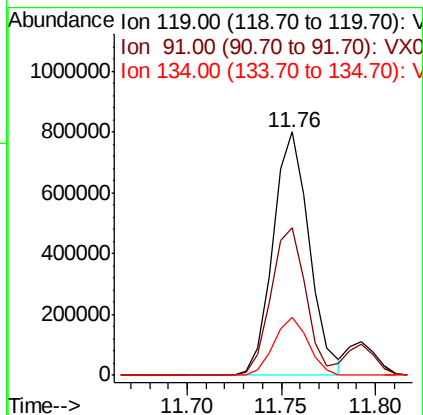
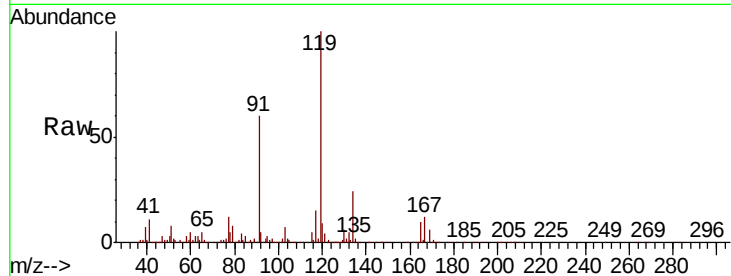




#83
tert-Butylbenzene
Concen: 49.520 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

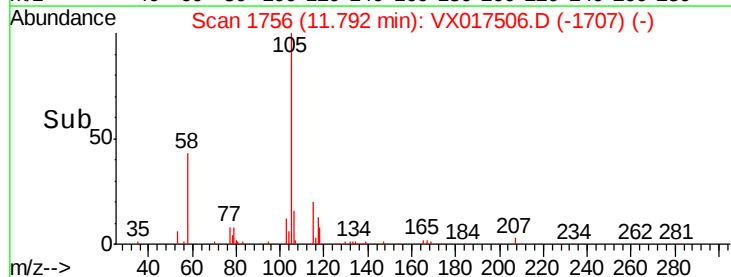
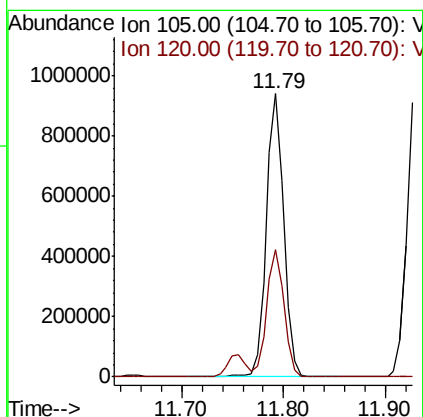
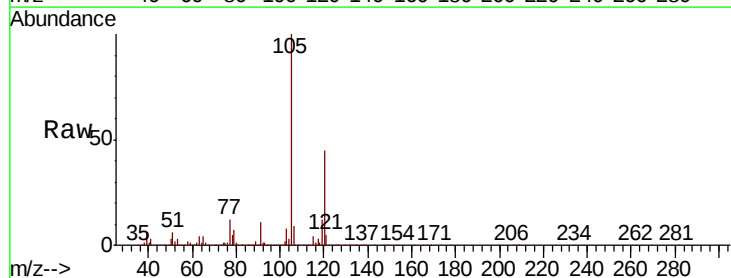
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

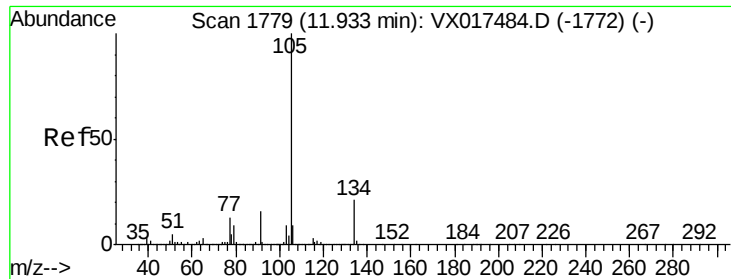
Tot Ion:119 Resp: 1068973
Ion Ratio Lower Upper
119 100
91 58.0 29.3 88.0
134 22.6 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 49.674 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion:105 Resp: 1114632
Ion Ratio Lower Upper
105 100
120 44.7 22.7 68.0





#85

sec-Butylbenzene

Concen: 48.397 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

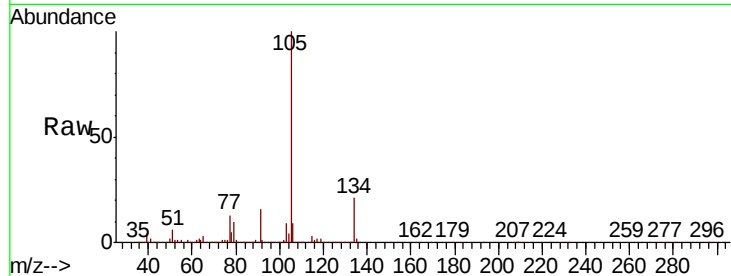
VSTDCCC050

Tot Ion:105 Resp: 1217037

Ion Ratio Lower Upper

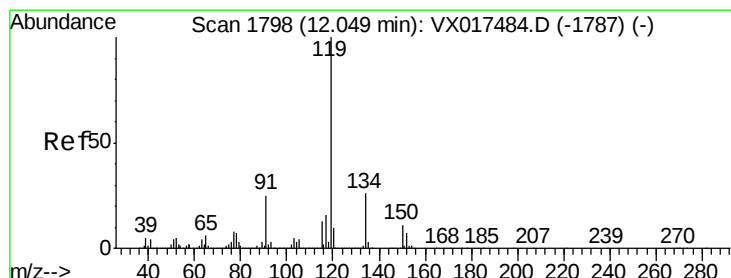
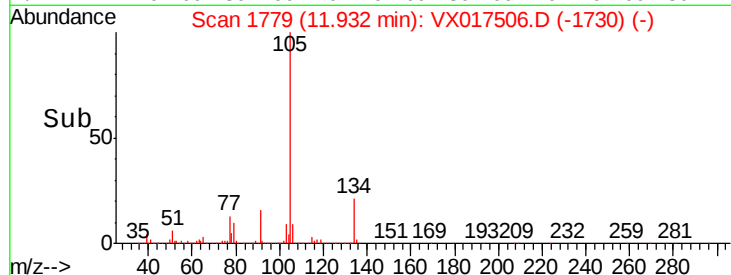
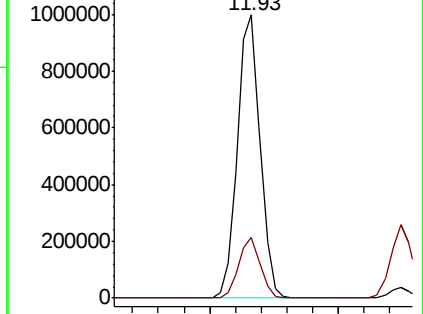
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.751 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

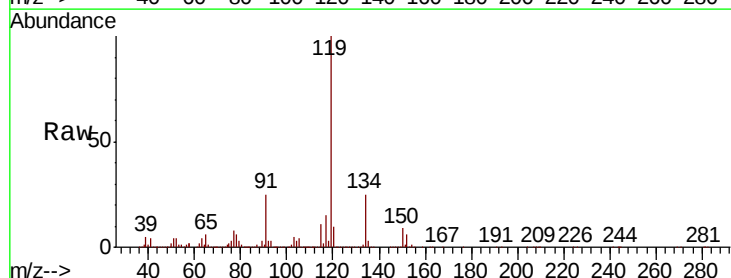
Tgt Ion:119 Resp: 1167466

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

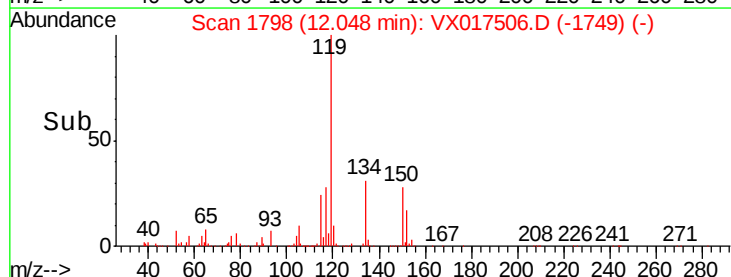
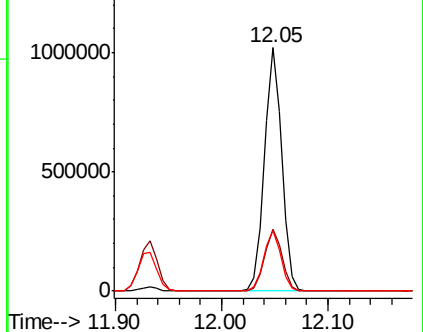
91 24.7 12.1 36.3

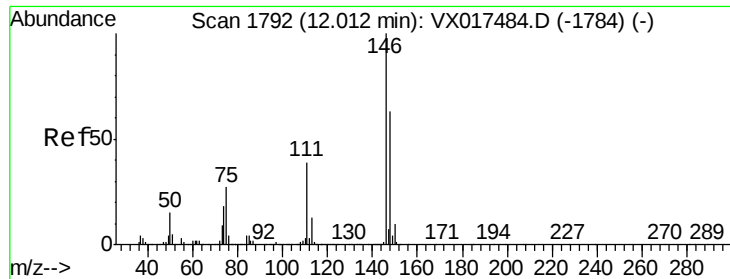


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.616 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

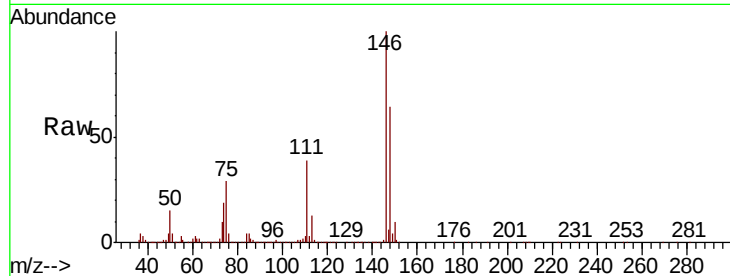
Tot Ion:146 Resp: 604855

Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.7

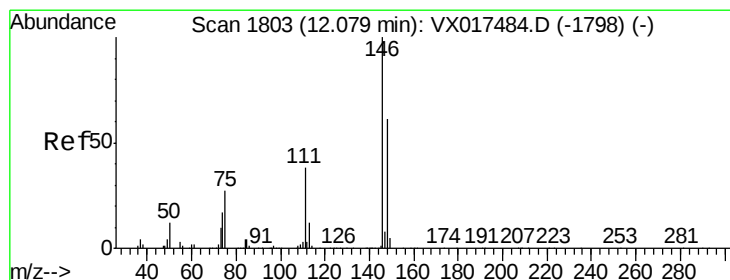
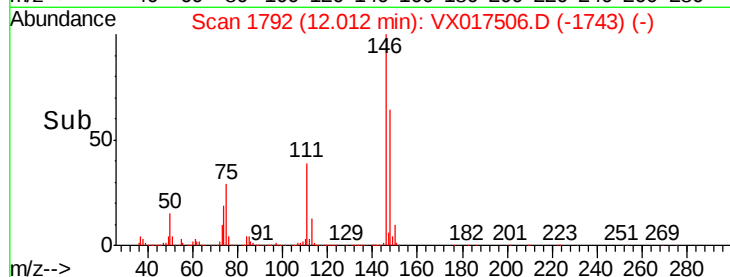
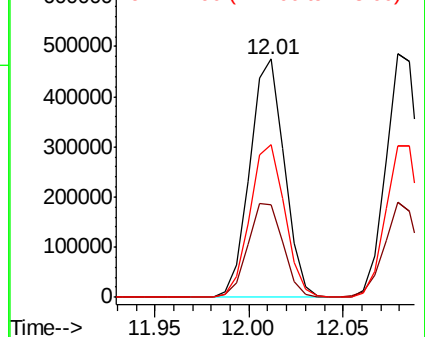
148 64.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.327 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

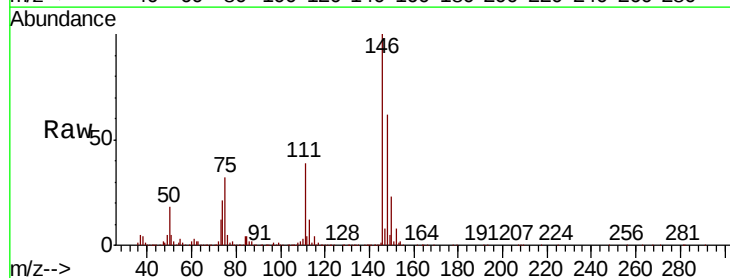
Tgt Ion:146 Resp: 609553

Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.8

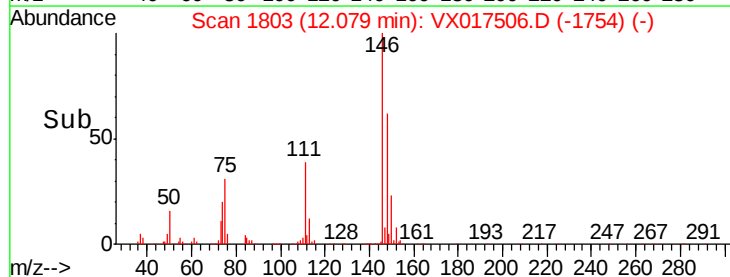
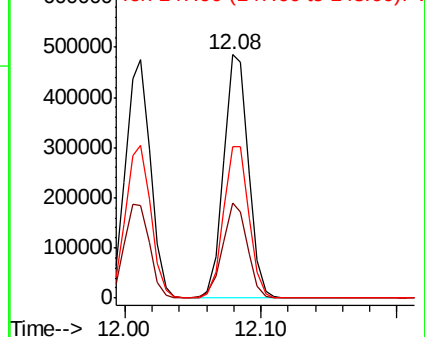
148 63.9 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

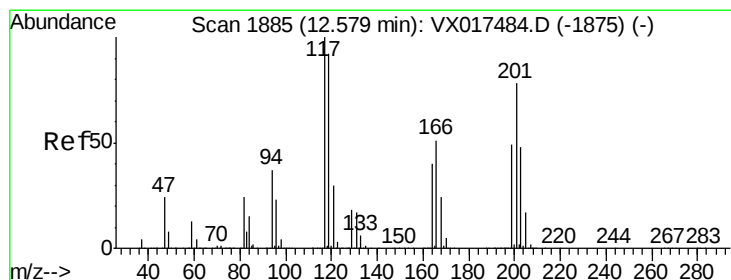
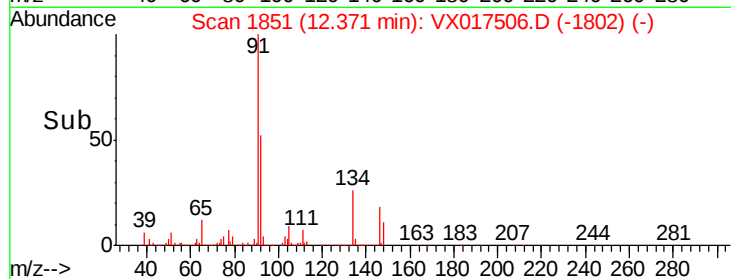
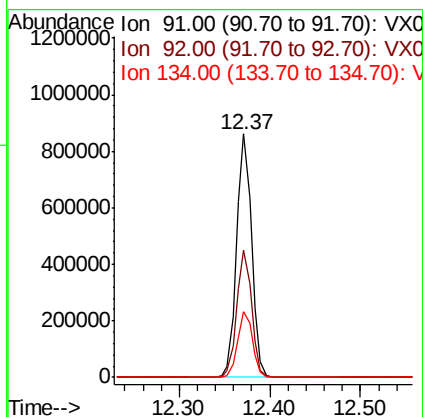
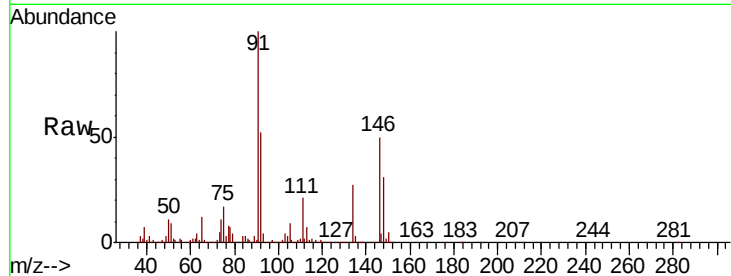




#89
n-Butylbenzene
Concen: 46.142 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

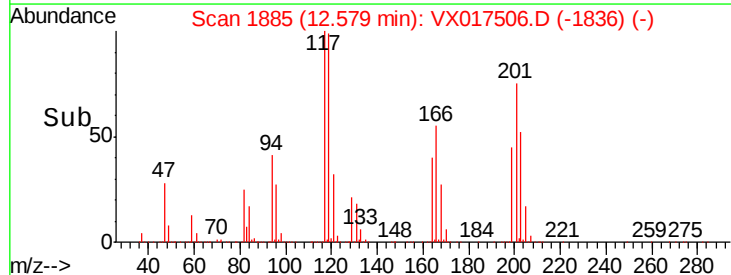
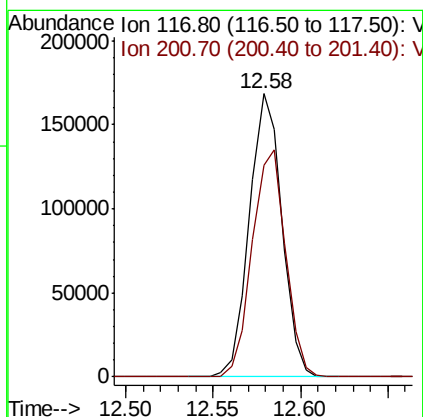
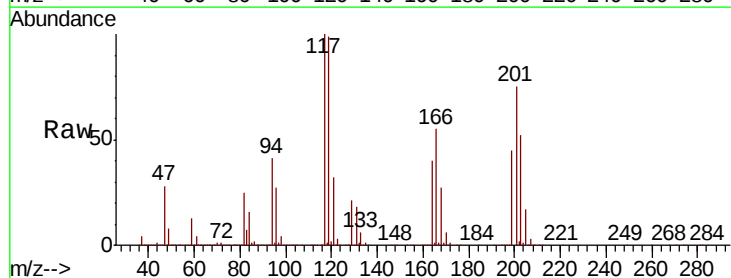
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

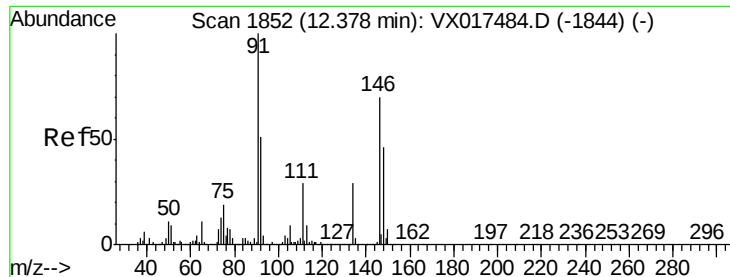
Tot Ion: 91 Resp: 984619
Ion Ratio Lower Upper
91 100
92 51.7 26.7 80.1
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 46.100 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017506.D
Acq: 23 Jul 2020 21:18

Tgt Ion: 117 Resp: 217650
Ion Ratio Lower Upper
117 100
201 82.7 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 46.631 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

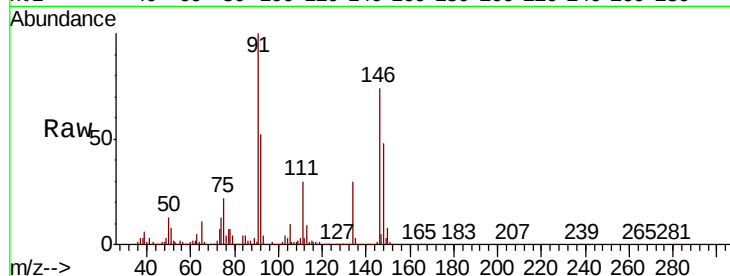
Tot Ion:146 Resp: 582174

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.8

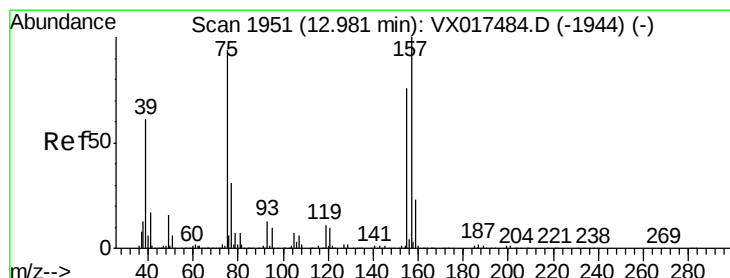
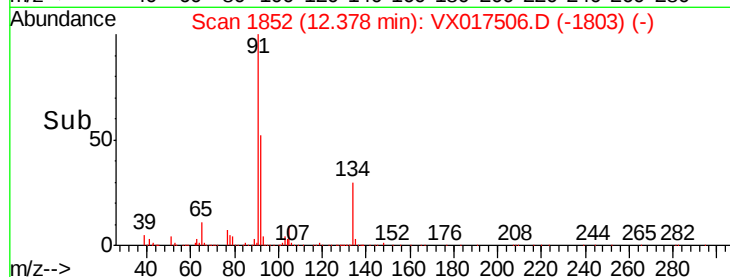
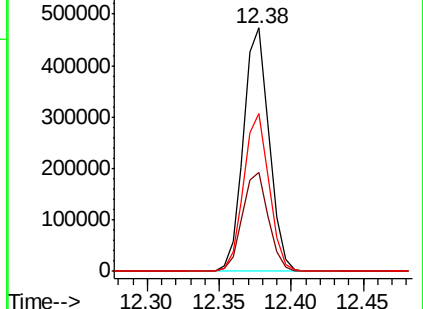
148 64.6 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.739 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

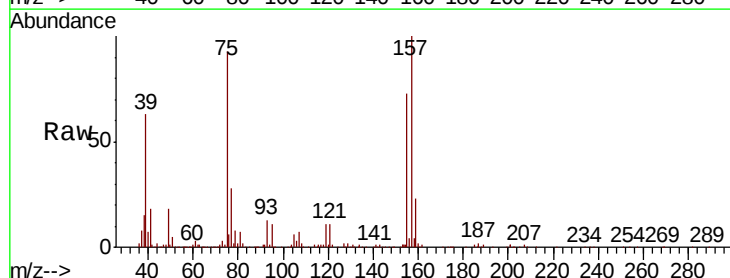
Tgt Ion: 75 Resp: 106142

Ion Ratio Lower Upper

75 100

155 85.1 42.3 126.8

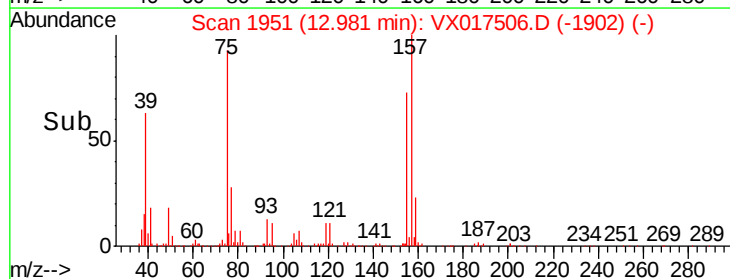
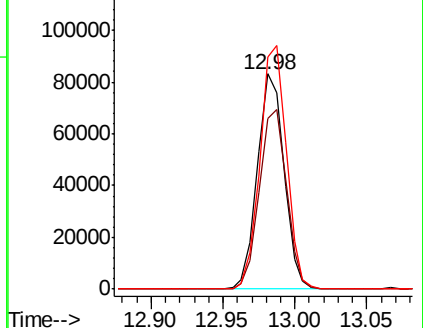
157 111.6 54.3 162.9

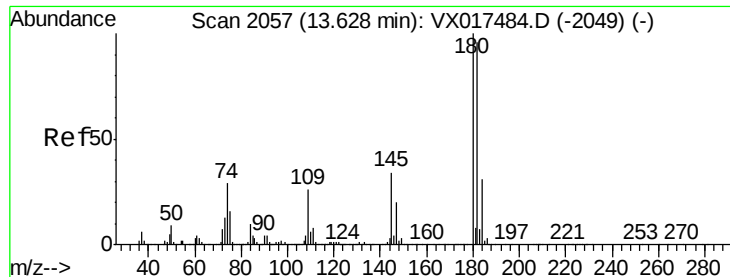


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

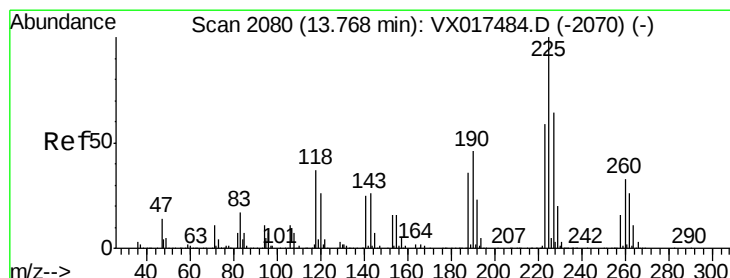
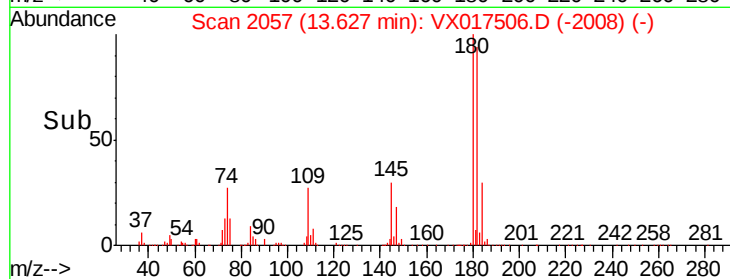
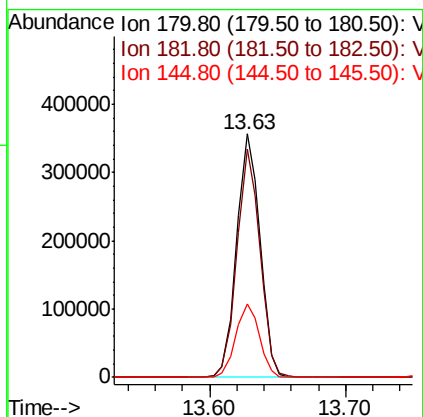
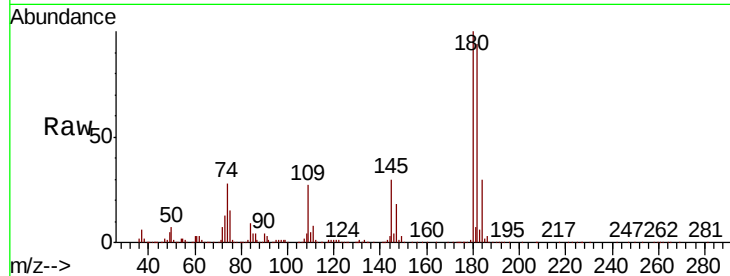




#93
 1,2,4-Trichlorobenzene
 Concen: 49.834 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

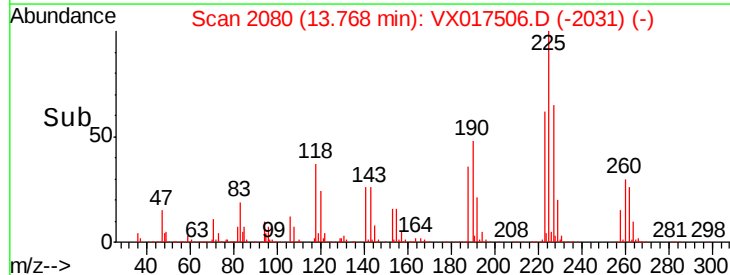
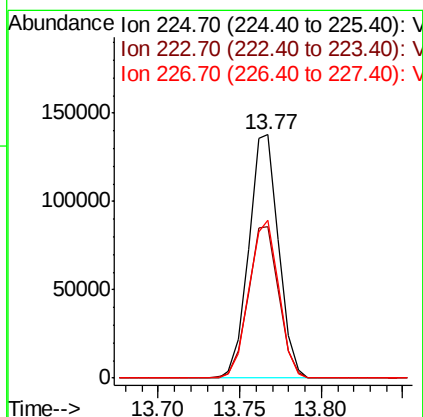
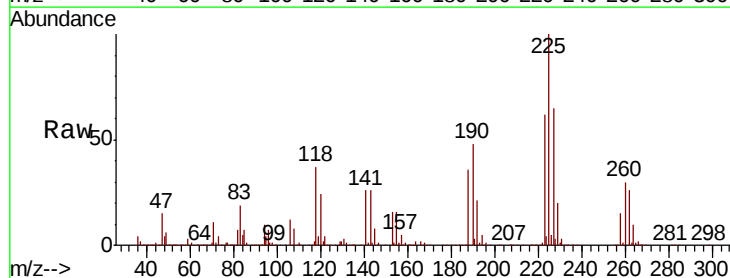
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

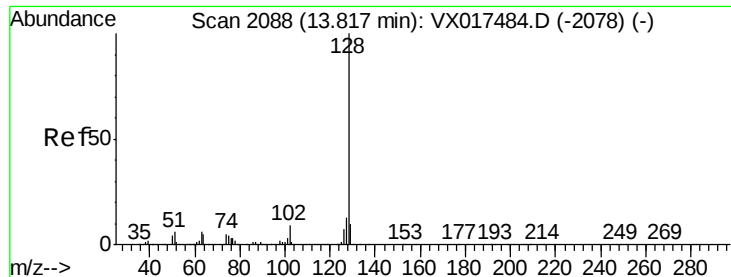
Tot Ion:180 Resp: 424613
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.5 142.6
 145 30.6 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 44.770 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017506.D
 Acq: 23 Jul 2020 21:18

Tgt Ion:225 Resp: 175596
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.3 90.9
 227 64.8 31.1 93.2





#95

Naphthalene

Concen: 52.518 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Instrument :

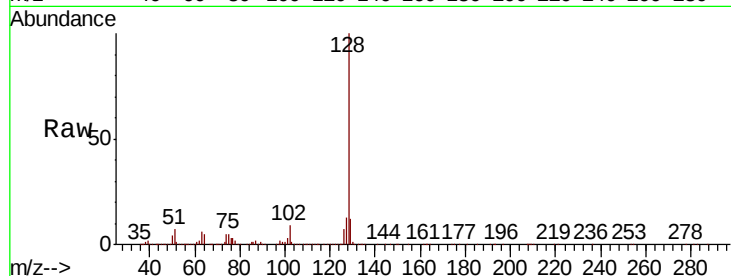
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1335827

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.2	8.9	13.3

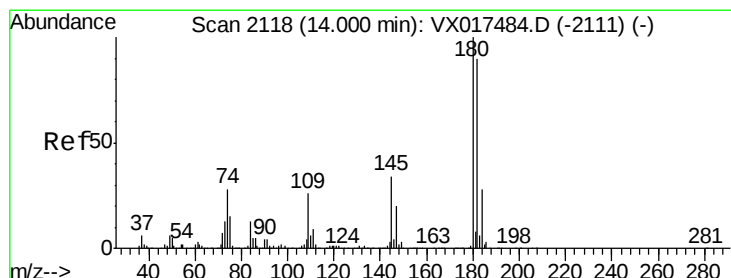
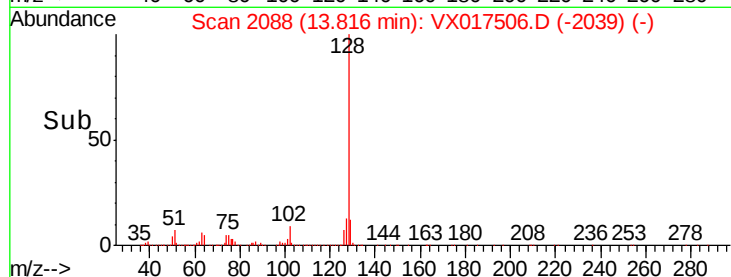
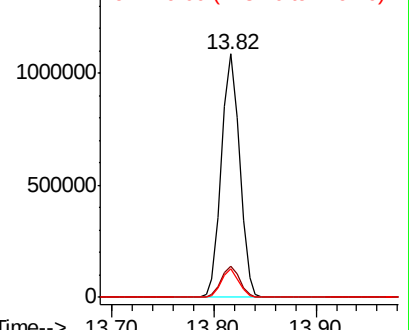


Abundance

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: 50.291 ug/l

RT: 14.01 min Scan# 2119

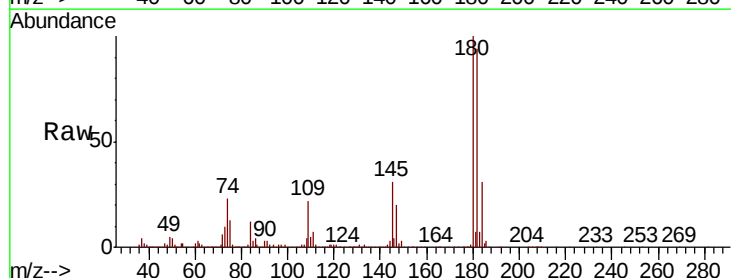
Delta R.T. 0.01 min

Lab File: VX017506.D

Acq: 23 Jul 2020 21:18

Tgt Ion:180 Resp: 423103

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.3
145	33.5	16.3	48.9



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

