

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017717.D
 Acq On : 31 Jul 2020 22:20
 Operator : JC/SP
 Sample : VX0731WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Quant Time: Aug 01 02:53:55 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	5.64	168	518489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	807150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	732625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	394412	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	362283	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	5.46	113	284258	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
50) Toluene-d8	8.70	98	977134	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.12	95	388508	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	91538	18.385	ug/l	100
3) Chloromethane	1.32	50	108940	17.240	ug/l	97
4) Vinyl Chloride	1.39	62	112572	17.254	ug/l	99
5) Bromomethane	1.63	94	84822	22.513	ug/l	98
6) Chloroethane	1.72	64	68130	18.455	ug/l	97
7) Trichlorofluoromethane	1.92	101	185782	18.103	ug/l	100
8) Diethyl Ether	2.17	74	63817	18.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95279	16.918	ug/l	96
10) Methyl Iodide	2.50	142	104286	14.474	ug/l	95
11) Tert butyl alcohol	3.01	59	133777	95.303	ug/l	98
12) 1,1-Dichloroethene	2.36	96	96332	17.988	ug/l	93
13) Acrolein	2.28	56	73043	71.173	ug/l	97
14) Allyl chloride	2.71	41	177716	18.173	ug/l	99
15) Acrylonitrile	3.12	53	289571	95.511	ug/l	99
16) Acetone	2.42	43	276159	94.207	ug/l	97
17) Carbon Disulfide	2.55	76	259658	15.952	ug/l	99
18) Methyl Acetate	2.75	43	141105	20.439	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	342358	18.470	ug/l	100
20) Methylene Chloride	2.84	84	113317	19.748	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	106367	18.540	ug/l	96
22) Diisopropyl ether	3.82	45	349546	19.549	ug/l	# 83
23) Vinyl Acetate	3.79	43	1538406	96.497	ug/l	100
24) 1,1-Dichloroethane	3.67	63	196478	19.075	ug/l	97
25) 2-Butanone	4.64	43	415513	99.778	ug/l	99
26) 2,2-Dichloropropane	4.56	77	159213	17.268	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	123411	19.804	ug/l	95
28) Bromochloromethane	4.98	49	99020	21.214	ug/l	97
29) Tetrahydrofuran	5.09	42	264570	102.566	ug/l	99
30) Chloroform	5.18	83	209005	19.859	ug/l	100
31) Cyclohexane	5.55	56	152660	18.586	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	195150	19.664	ug/l	99
36) 1,1-Dichloropropene	5.77	75	145355	18.777	ug/l	99
37) Ethyl Acetate	4.80	43	158472	18.709	ug/l	100
38) Carbon Tetrachloride	5.76	117	180709	19.223	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	146334	16.193	ug/l	98
40) Benzene	6.12	78	430807	19.411	ug/l	99
41) Methacrylonitrile	5.00	41	88644	18.258	ug/l	95
42) 1,2-Dichloroethane	6.17	62	176709	19.462	ug/l	99
43) Isopropyl Acetate	6.42	43	262737	18.800	ug/l	99
44) Trichloroethene	7.19	130	122904	18.949	ug/l	96
45) 1,2-Dichloropropane	7.49	63	113050	18.375	ug/l	98
46) Dibromomethane	7.64	93	81172	18.669	ug/l	99
47) Bromodichloromethane	7.88	83	167608	19.158	ug/l	100
48) Methyl methacrylate	7.75	41	121645	17.560	ug/l	96
49) 1,4-Dioxane	7.71	88	52796	397.515	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	773307	92.739	ug/l	99
52) Toluene	8.76	92	265377	18.645	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173844	17.751	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	179106	17.930	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	112599	18.990	ug/l	97
56) Ethyl methacrylate	9.16	69	160547	17.972	ug/l	99
57) 1,3-Dichloropropane	9.35	76	182303	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	372206	79.087	ug/l	100
59) 2-Hexanone	9.47	43	614145	97.826	ug/l	99
60) Dibromochloromethane	9.57	129	141551	18.783	ug/l	98
61) 1,2-Dibromoethane	9.65	107	122892	19.468	ug/l	99
64) Tetrachloroethene	9.32	164	126138	19.183	ug/l	96
65) Chlorobenzene	10.12	112	295132	18.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	118815	18.565	ug/l	98
67) Ethyl Benzene	10.24	91	483609	18.269	ug/l	99
68) m/p-Xylenes	10.34	106	373235	36.396	ug/l	97
69) o-Xylene	10.68	106	192541	19.522	ug/l	100
70) Styrene	10.70	104	330928	19.721	ug/l	99
71) Bromoform	10.84	173	110014	19.841	ug/l #	98
73) Isopropylbenzene	11.00	105	520790	19.248	ug/l	100
74) N-amyl acetate	10.88	43	225386	18.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	158761	18.798	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	194509	23.974	ug/l	83
77) Bromobenzene	11.24	156	140370	18.531	ug/l	98
78) n-propylbenzene	11.34	91	571560	18.730	ug/l	100
79) 2-Chlorotoluene	11.40	91	355761	18.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	440911	19.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	55992	17.390	ug/l	96
82) 4-Chlorotoluene	11.49	91	429510	19.261	ug/l	100
83) tert-Butylbenzene	11.76	119	418446	18.930	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	445942	19.408	ug/l	98
85) sec-Butylbenzene	11.93	105	485030	18.836	ug/l	98
86) p-Isopropyltoluene	12.05	119	442102	18.028	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	244901	18.827	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	246161	18.270	ug/l	99
89) n-Butylbenzene	12.37	91	360797	16.512	ug/l	98
90) Hexachloroethane	12.58	117	85311	17.646	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	226826	17.742	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38153	17.728	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

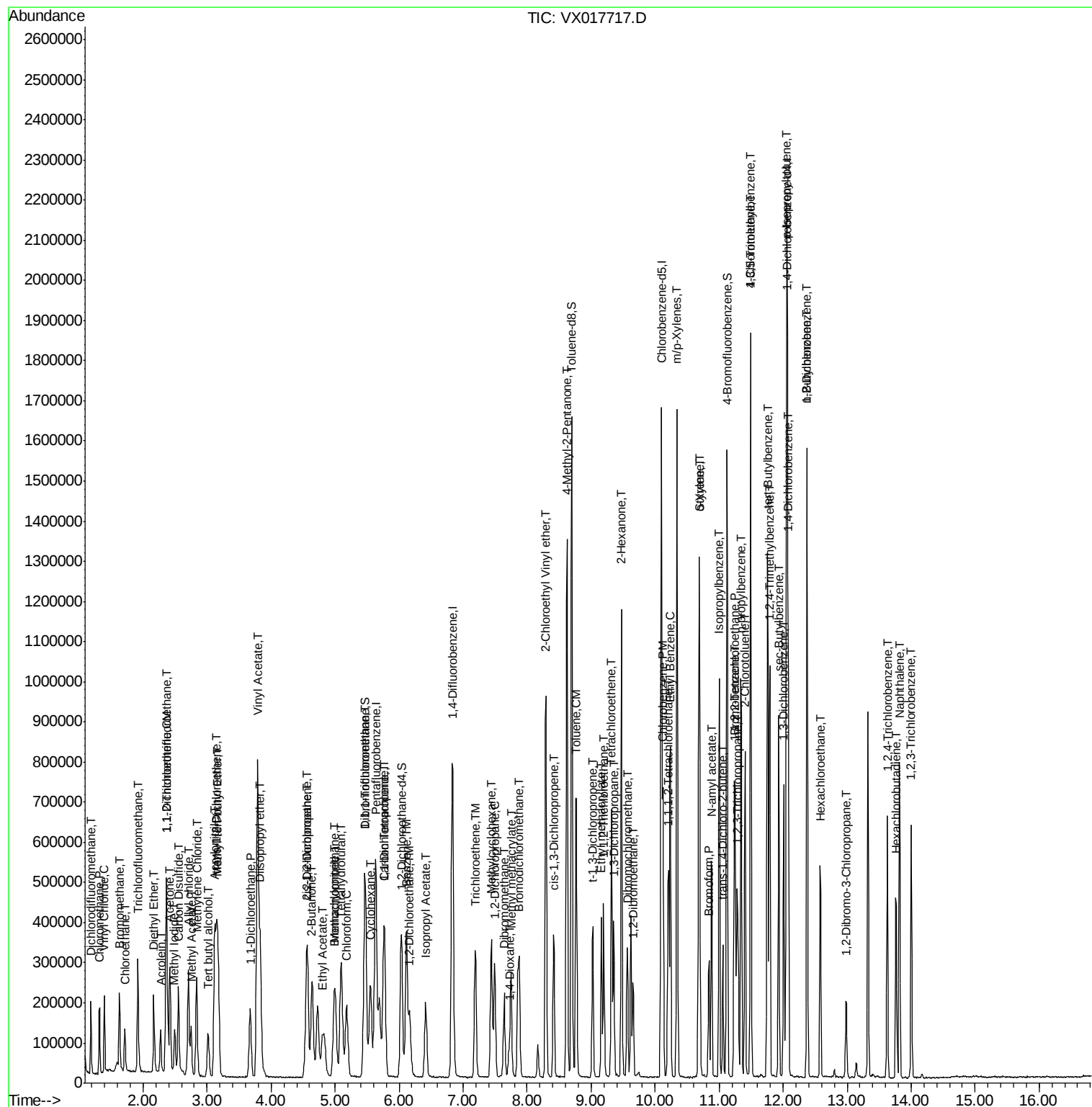
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	154054	17.656	ug/l	100
94) Hexachlorobutadiene	13.77	225	67962	16.921	ug/l	99
95) Naphthalene	13.82	128	466523	17.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	156224	18.134	ug/l	100

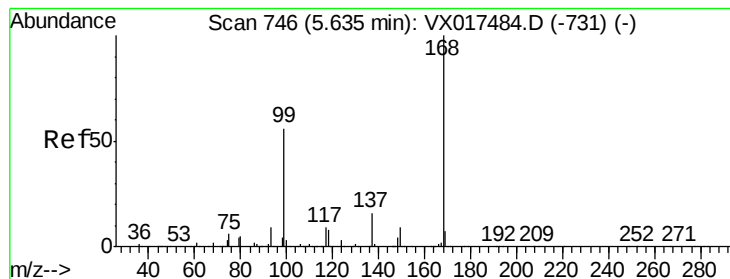
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

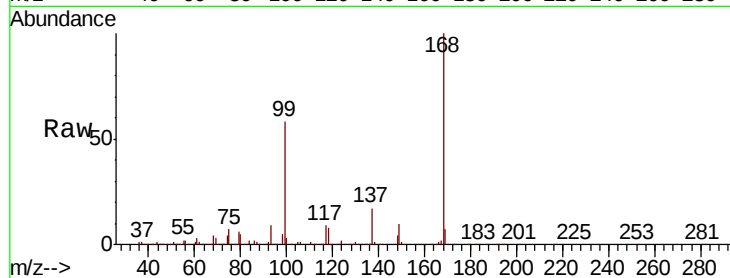
VX0731WBS02

Tot Ion:168 Resp: 518489

Ion Ratio Lower Upper

168 100

99 57.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

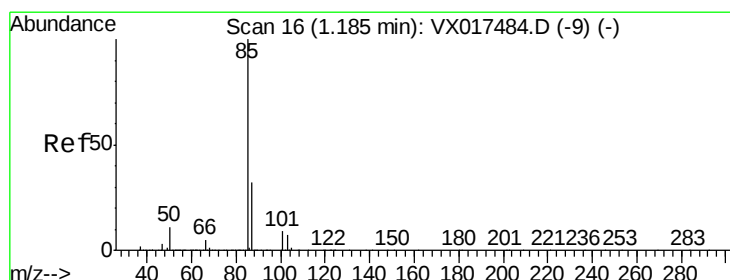
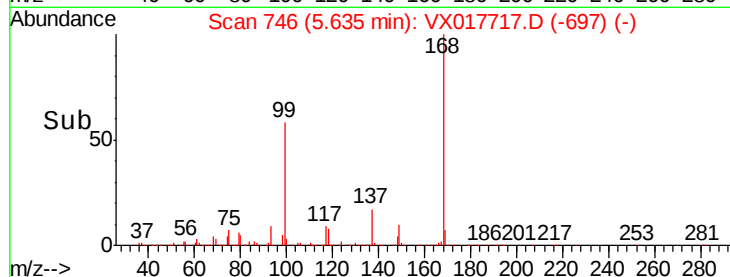
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.385 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017717.D

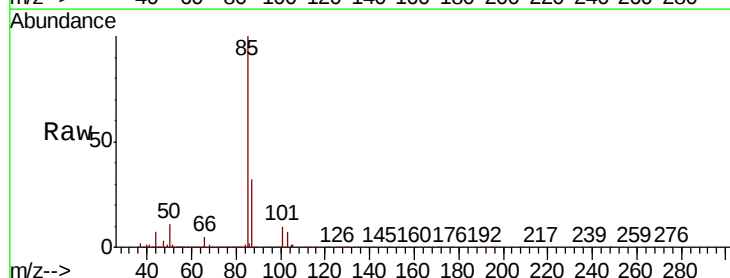
Acq: 31 Jul 2020 22:20

Tgt Ion: 85 Resp: 91538

Ion Ratio Lower Upper

85 100

87 32.4 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

120000

100000

80000

60000

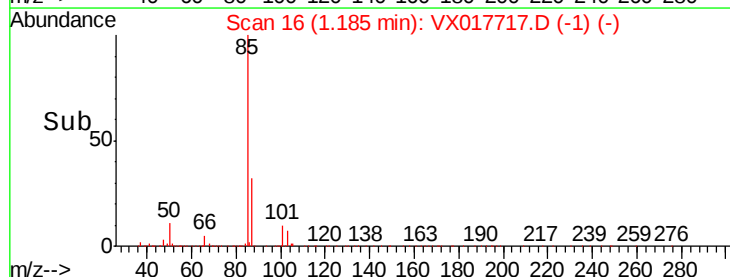
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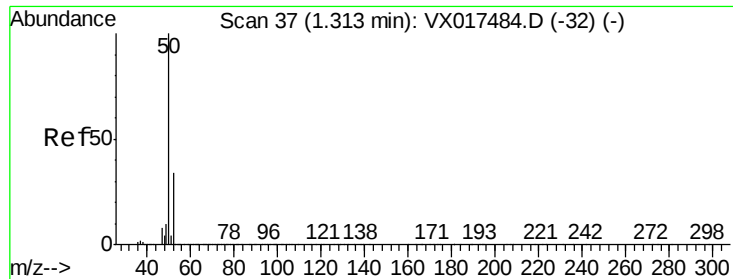
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1.10 1.15 1.20 1.25 1.30

Time-->

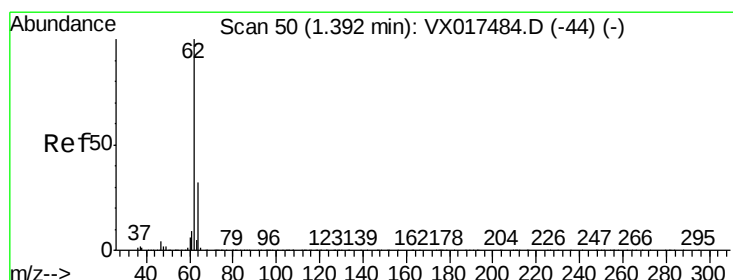
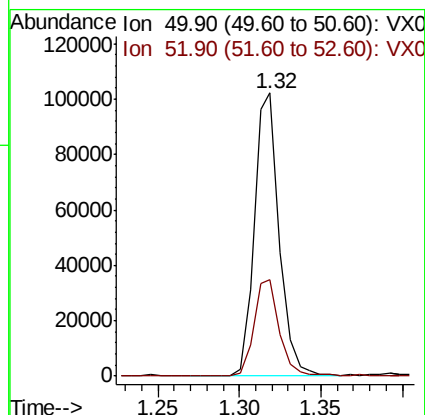
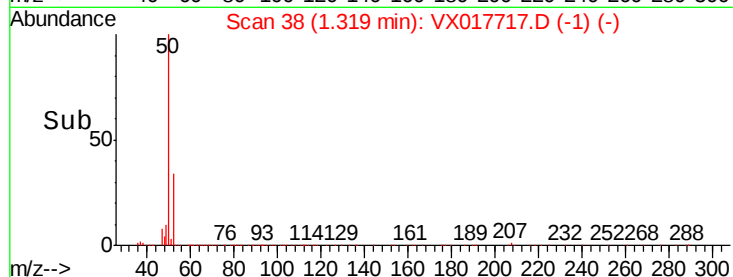
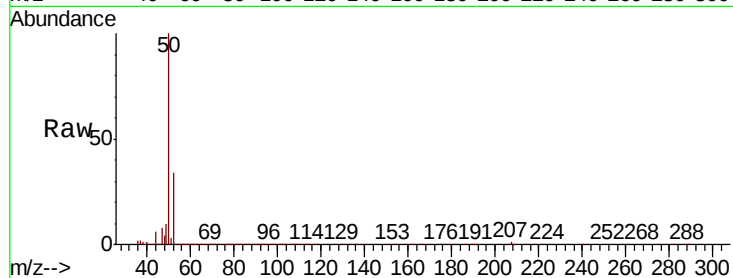




#3
Chloromethane
Concen: 17.240 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

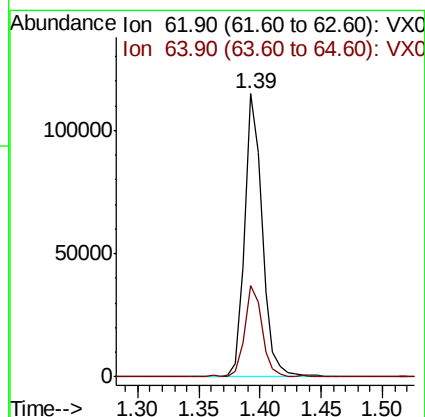
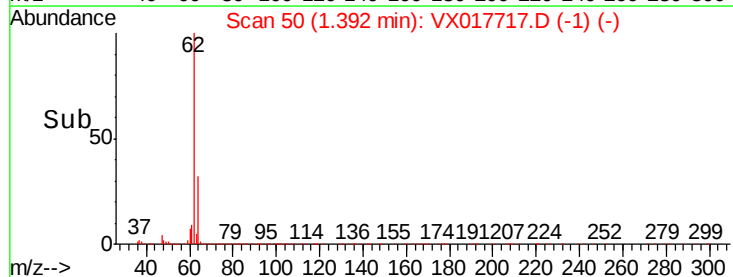
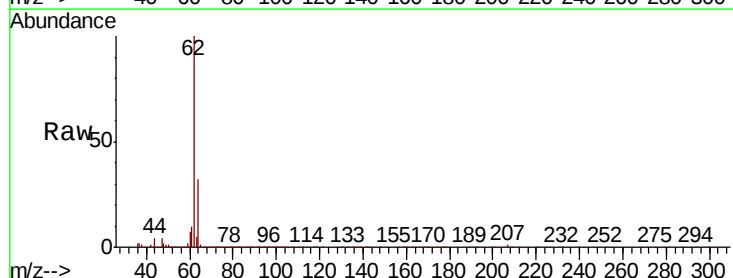
Instrument :
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ClientSampleId :
VX0731WBS02

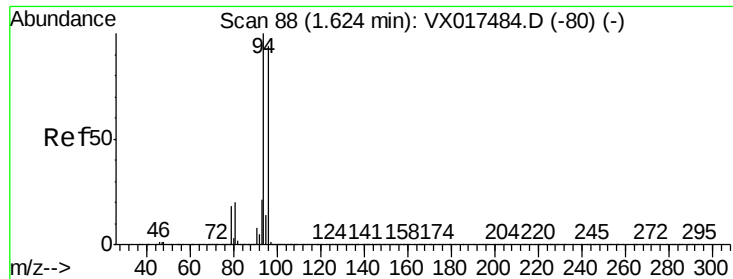
Tot Ion: 50 Resp: 108940
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9



#4
Vinyl Chloride
Concen: 17.254 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 62 Resp: 112572
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5

Bromomethane

Concen: 22.513 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

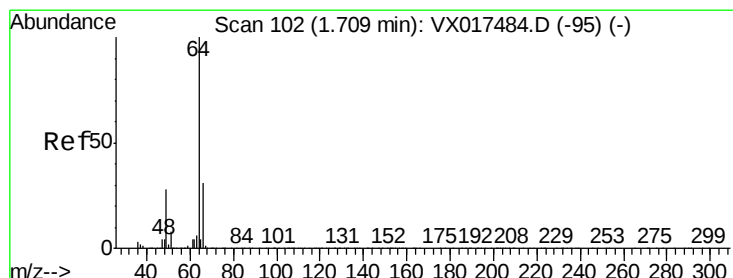
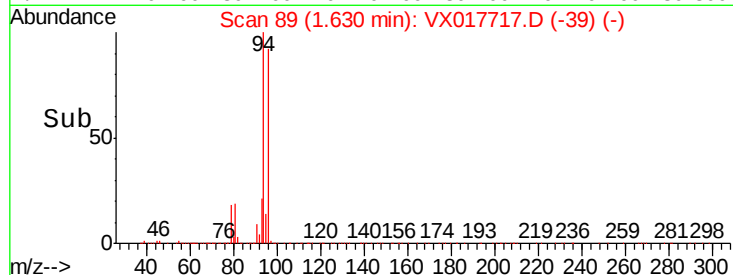
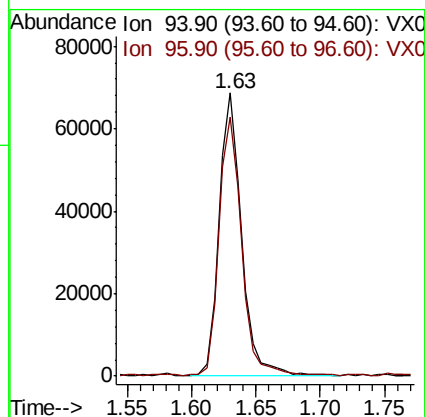
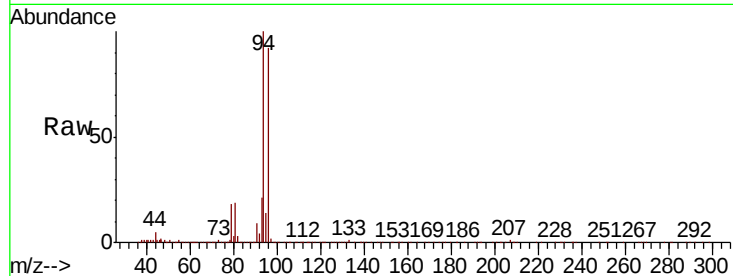
VX0731WBS02

Tot Ion: 94 Resp: 84822

Ion Ratio Lower Upper

94 100

96 91.0 74.1 111.1



#6

Chloroethane

Concen: 18.455 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017717.D

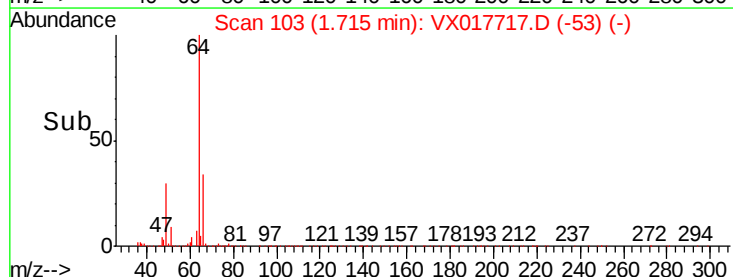
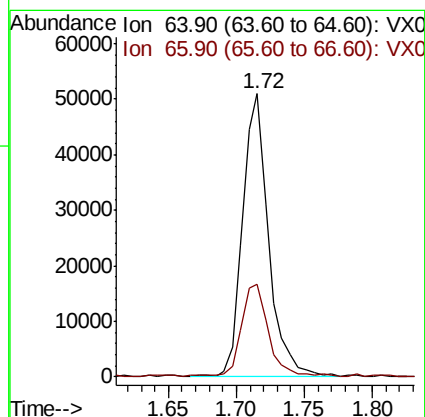
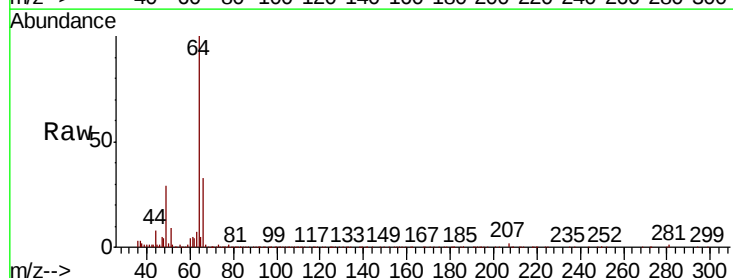
Acq: 31 Jul 2020 22:20

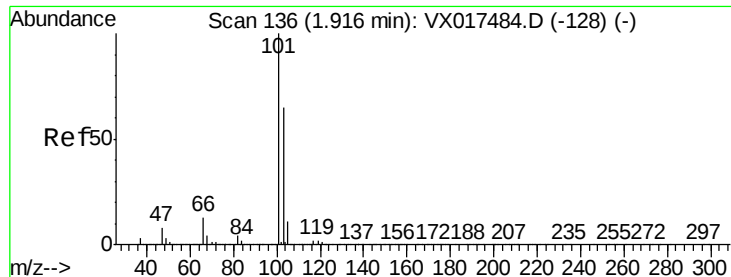
Tgt Ion: 64 Resp: 68130

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3



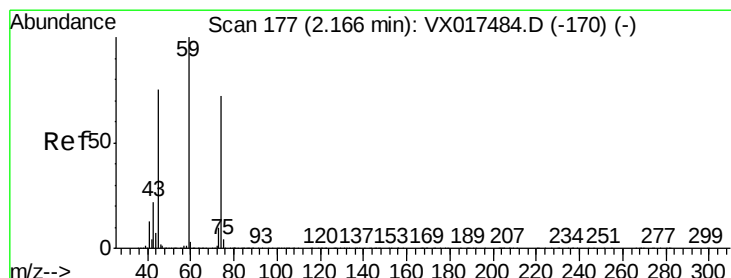
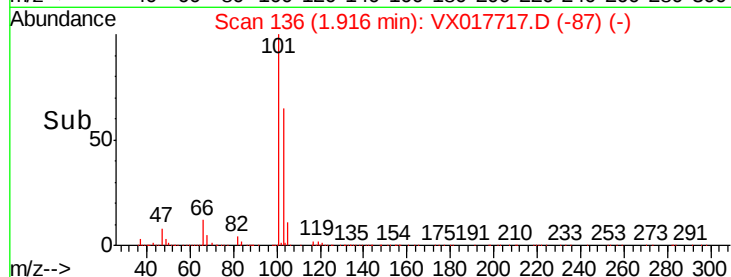
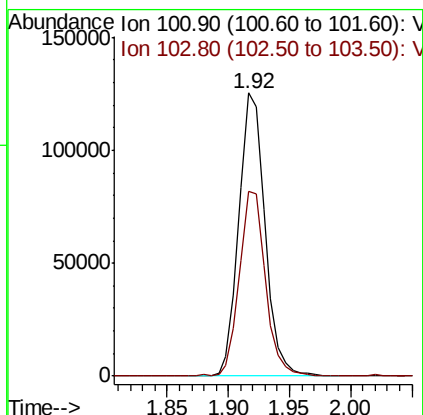
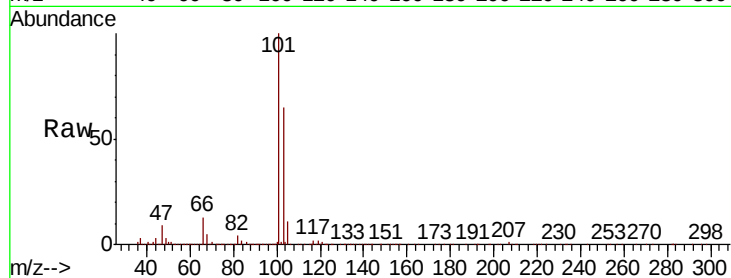


#7

Trichlorofluoromethane
Concen: 18.103 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

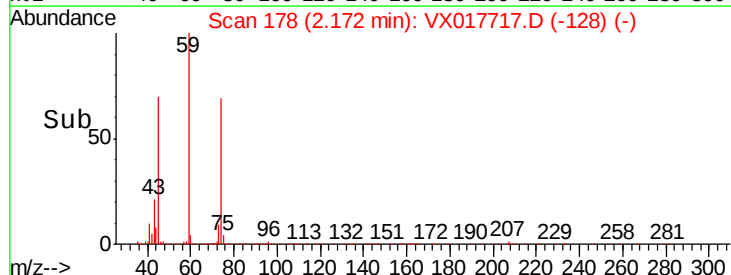
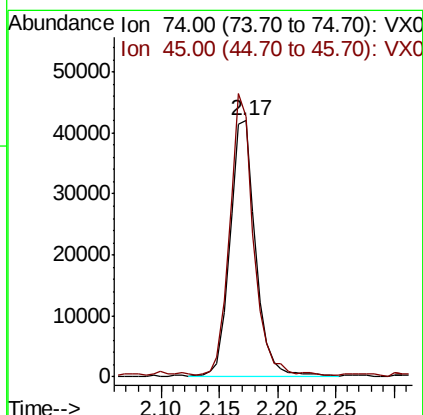
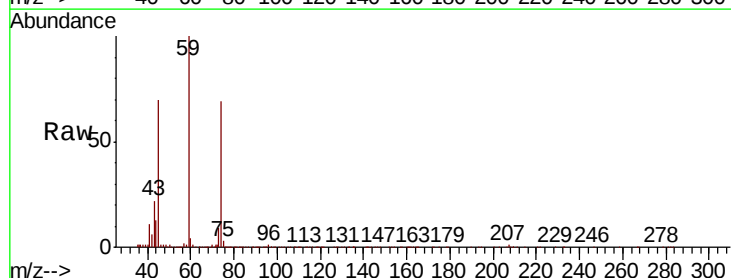
Tot Ion:101 Resp: 185782
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

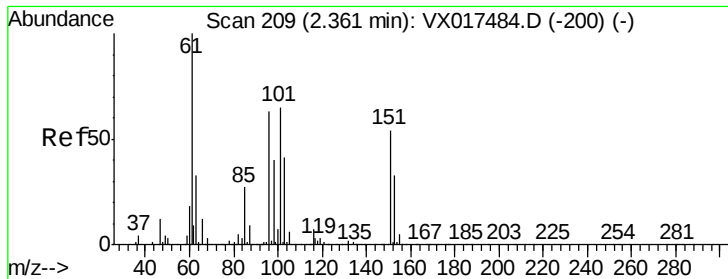


#8

Diethyl Ether
Concen: 18.318 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 74 Resp: 63817
Ion Ratio Lower Upper
74 100
45 102.6 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.918 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

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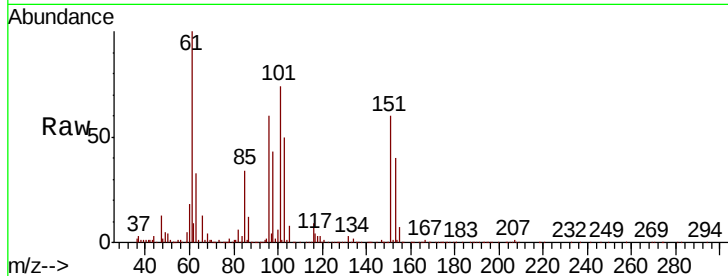
Tot Ion:101 Resp: 95279

Ion Ratio Lower Upper

101 100

85 46.6 34.8 52.2

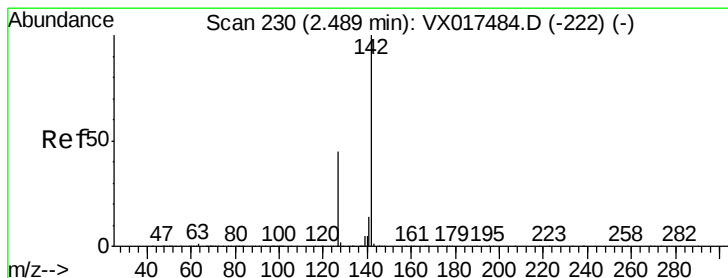
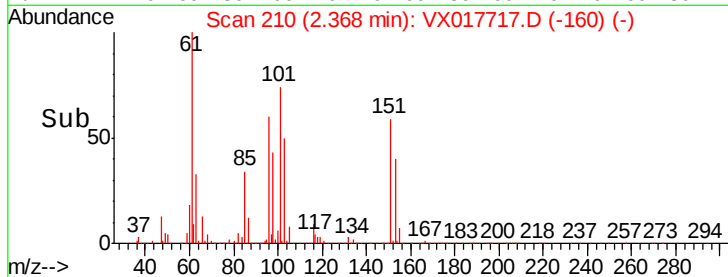
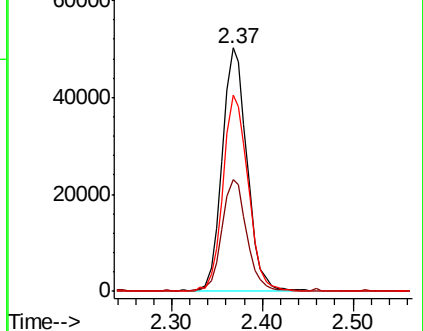
151 81.9 68.0 102.0



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: 14.474 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

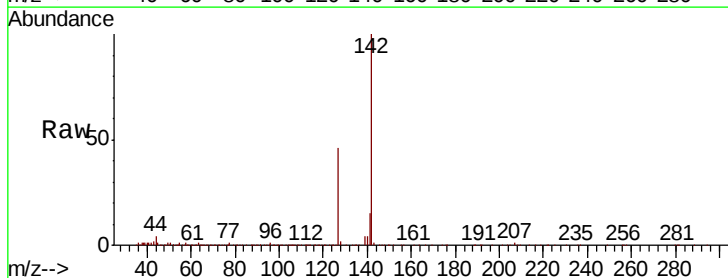
Tgt Ion:142 Resp: 104286

Ion Ratio Lower Upper

142 100

127 48.4 35.9 53.9

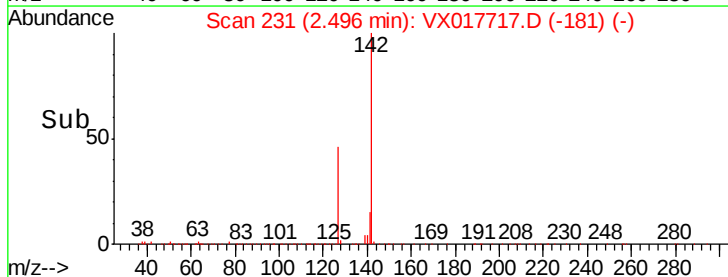
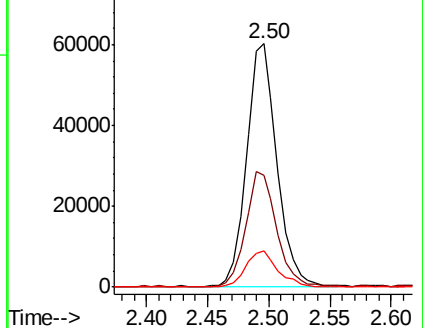
141 15.6 11.4 17.0

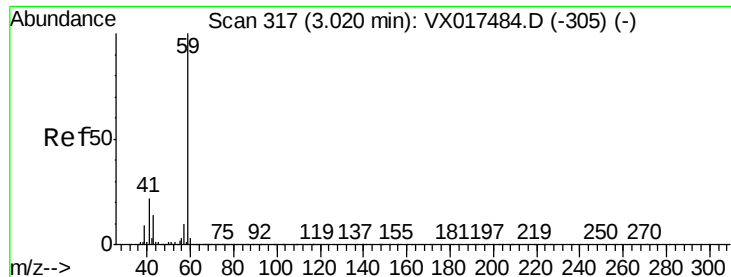


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



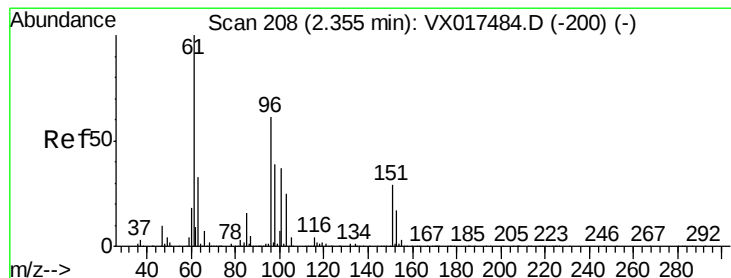
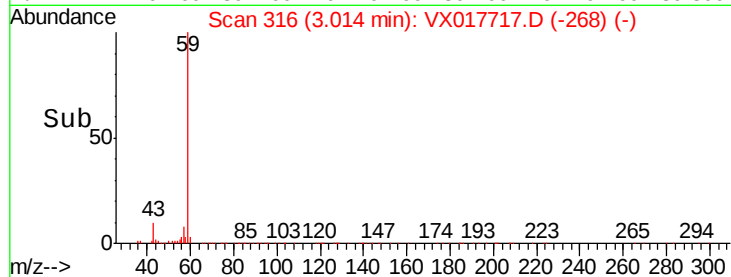
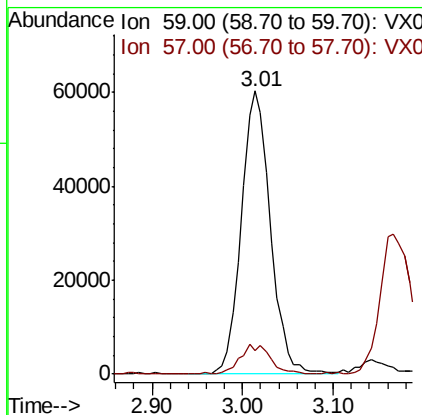
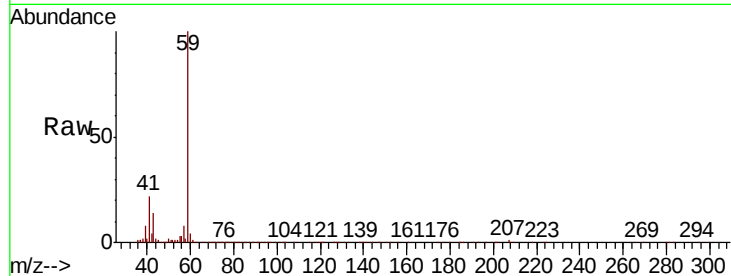


#11

Tert butyl alcohol
 Concen: 95.303 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

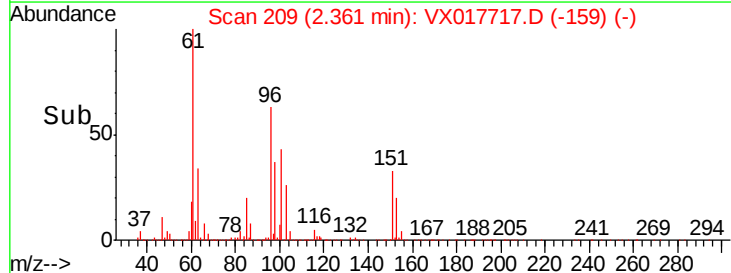
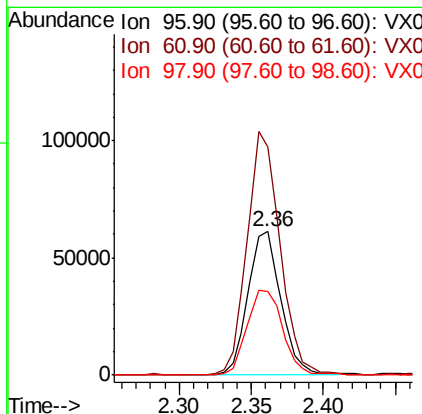
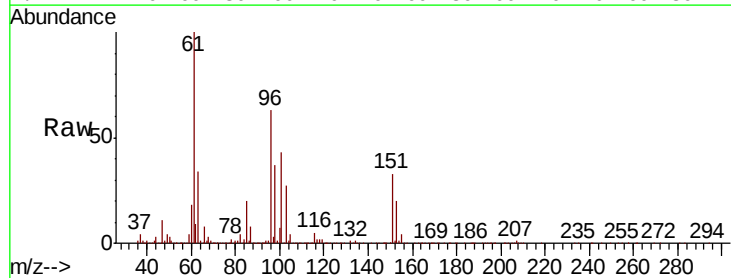
Tot Ion: 59 Resp: 133777
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.6 12.8

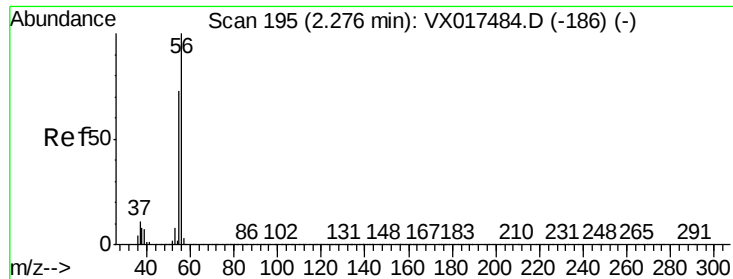


#12

1,1-Dichloroethene
 Concen: 17.988 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion: 96 Resp: 96332
 Ion Ratio Lower Upper
 96 100
 61 159.1 134.0 201.0
 98 57.9 51.0 76.4





#13

Acrolein

Concen: 71.173 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

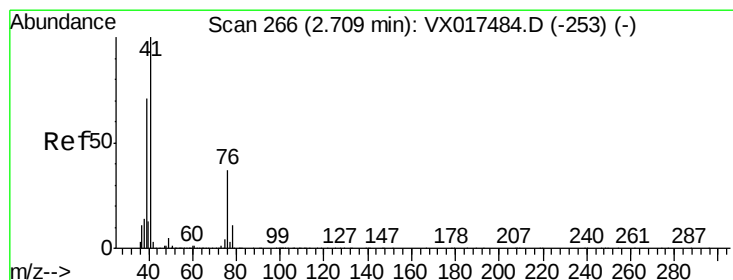
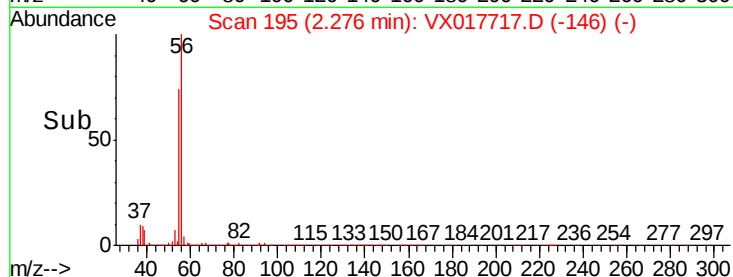
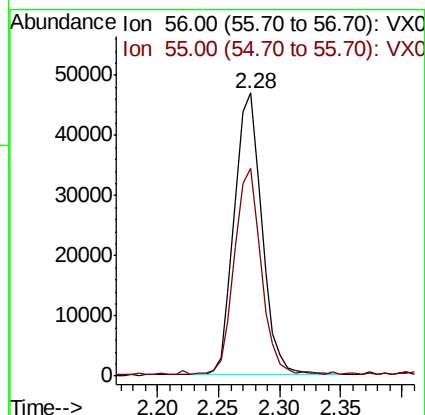
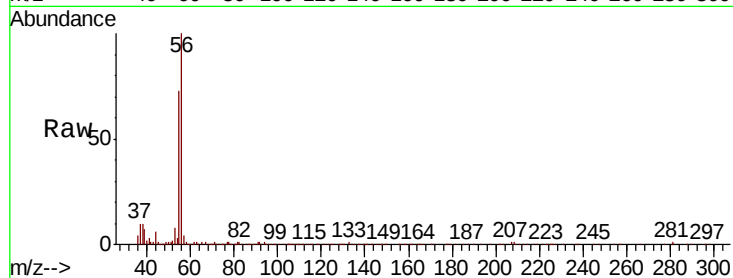
VX0731WBS02

Tot Ion: 56 Resp: 73043

Ion Ratio Lower Upper

56 100

55 69.7 57.4 86.2



#14

Allyl chloride

Concen: 18.173 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

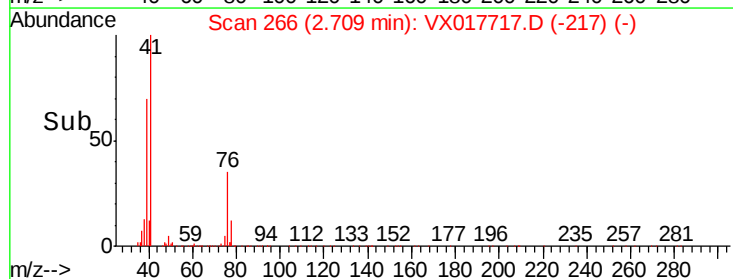
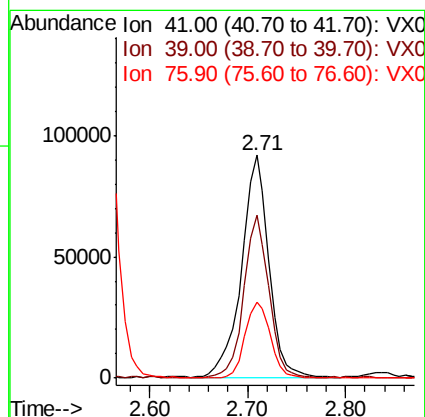
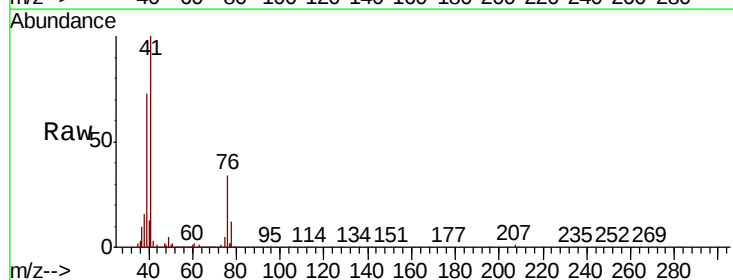
Tgt Ion: 41 Resp: 177716

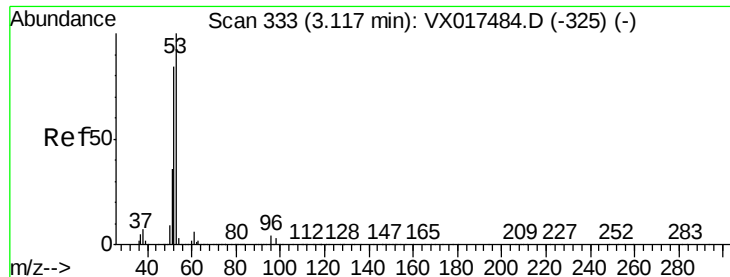
Ion Ratio Lower Upper

41 100

39 66.3 51.9 77.9

76 31.5 25.5 38.3





#15

Acrylonitrile

Concen: 95.511 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

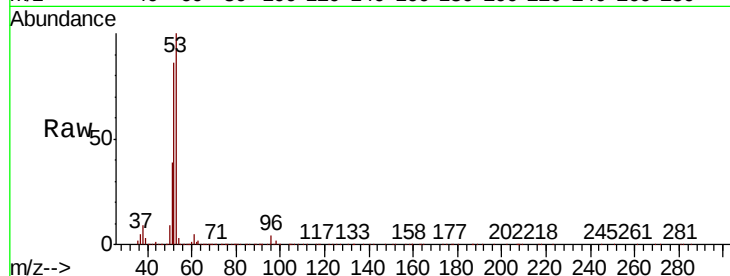
Tot Ion: 53 Resp: 289571

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

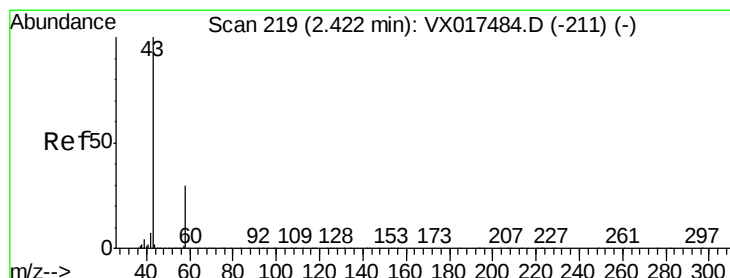
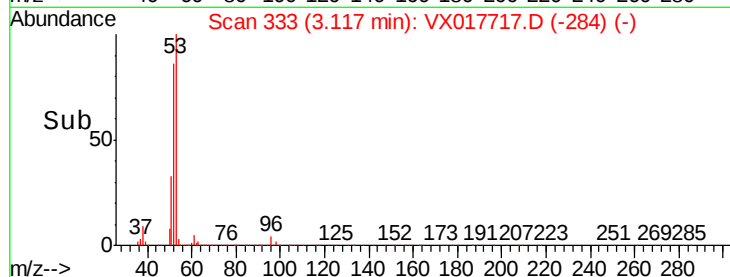
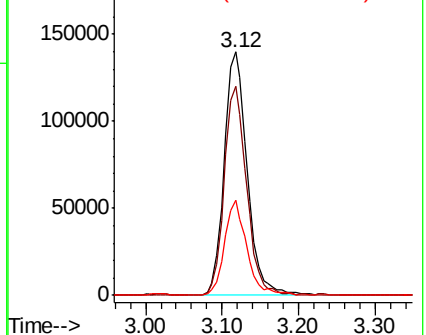
51 37.6 29.4 44.2



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: 94.207 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017717.D

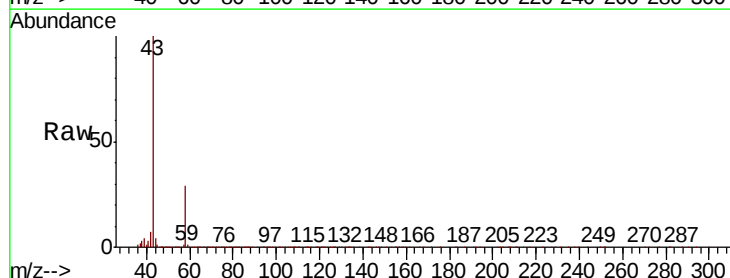
Acq: 31 Jul 2020 22:20

Tgt Ion: 43 Resp: 276159

Ion Ratio Lower Upper

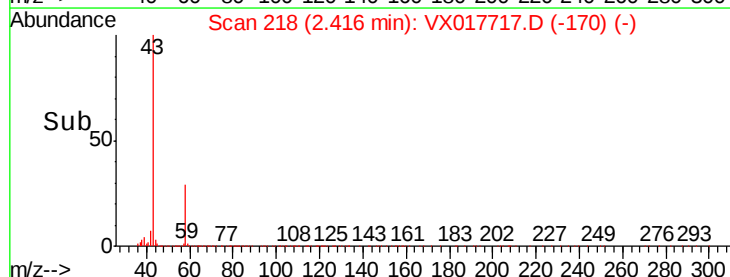
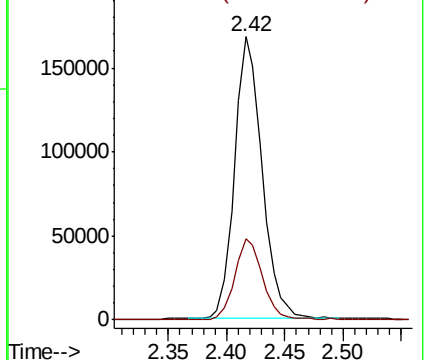
43 100

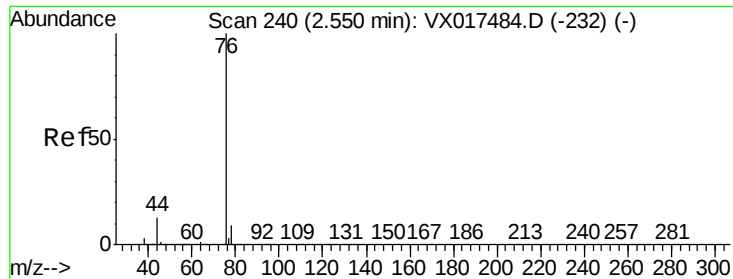
58 28.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

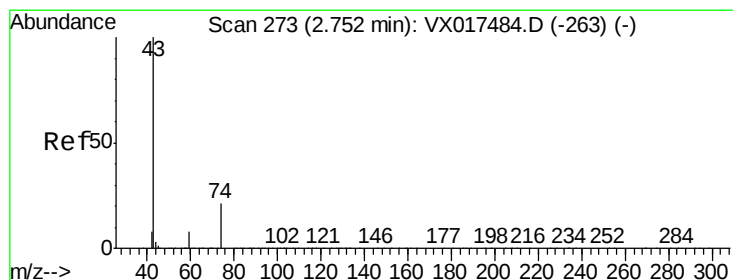
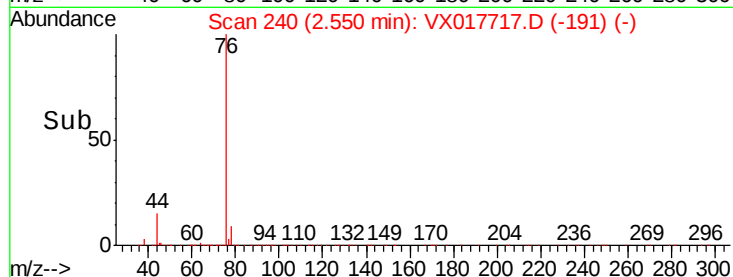
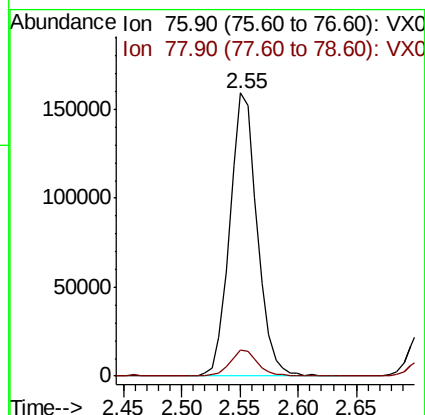
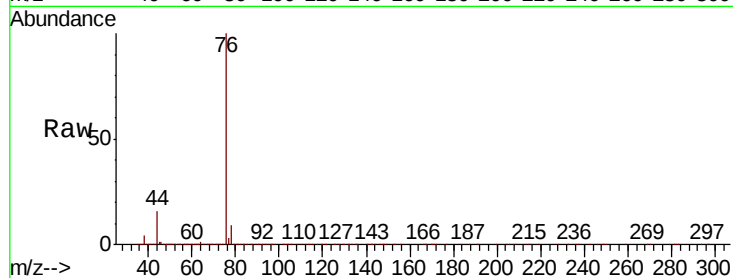




#17
Carbon Disulfide
Concen: 15.952 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

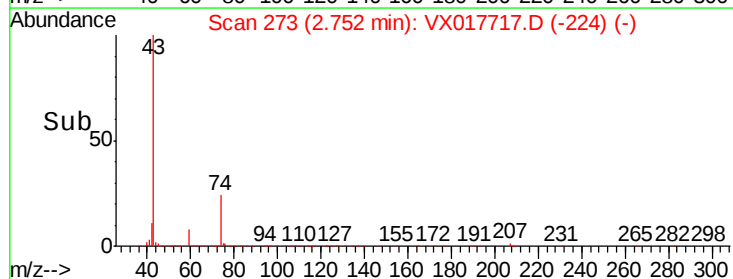
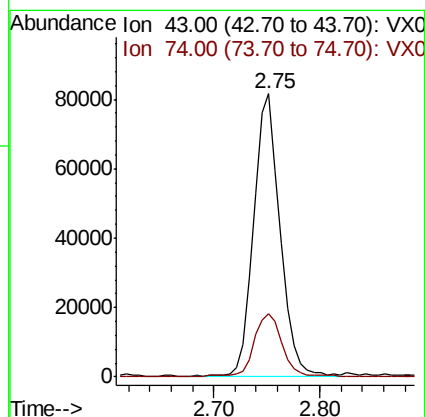
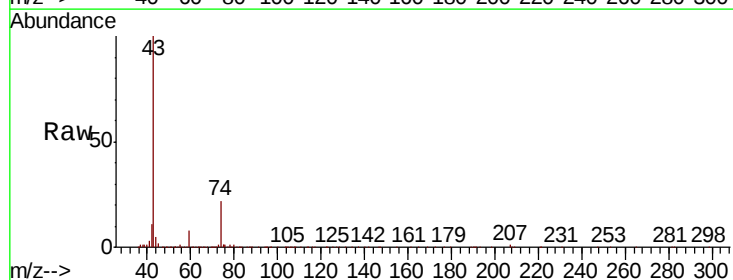
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

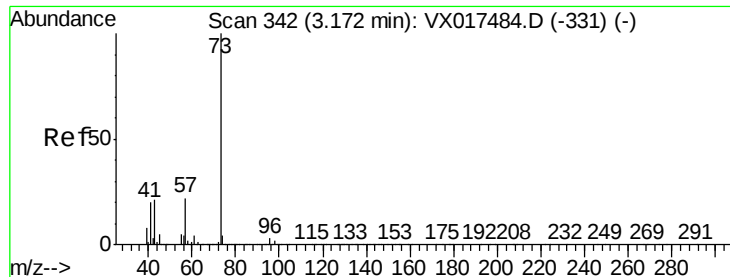
Tot Ion: 76 Resp: 259658
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 20.439 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 43 Resp: 141105
Ion Ratio Lower Upper
43 100
74 23.0 17.5 26.3



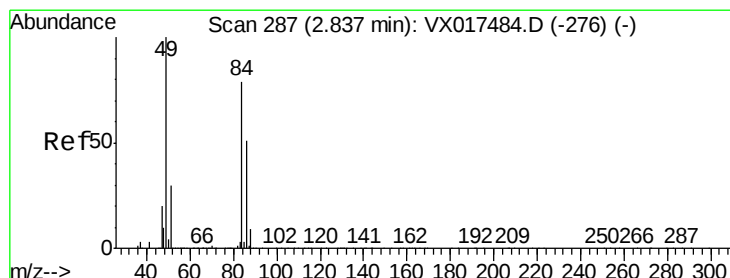
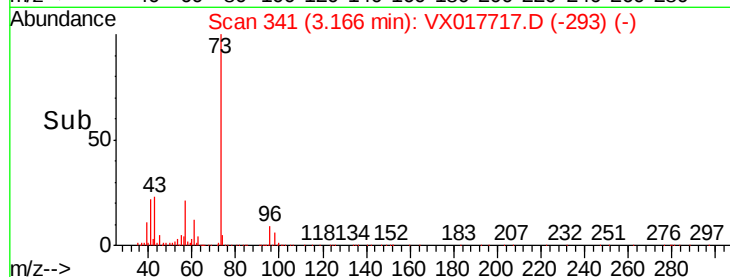
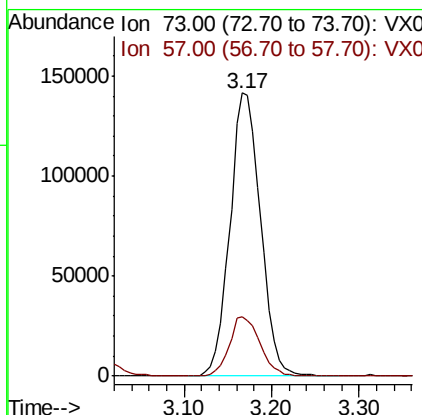
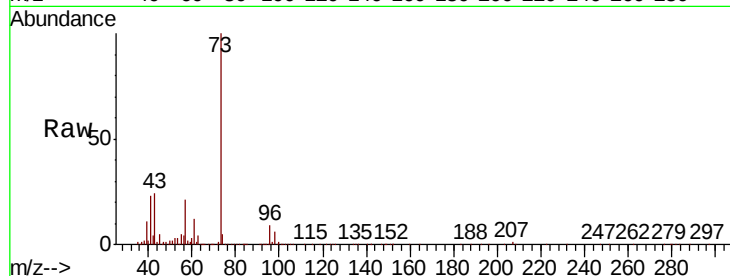


#19

Methyl tert-butyl Ether
 Concen: 18.470 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

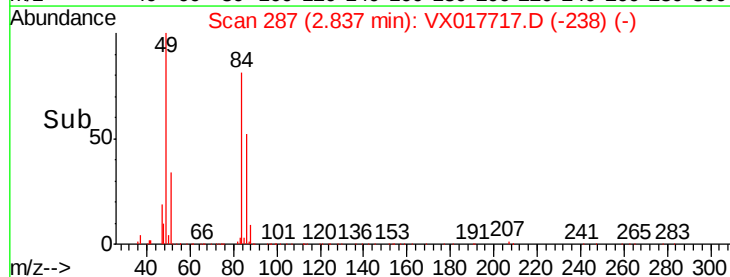
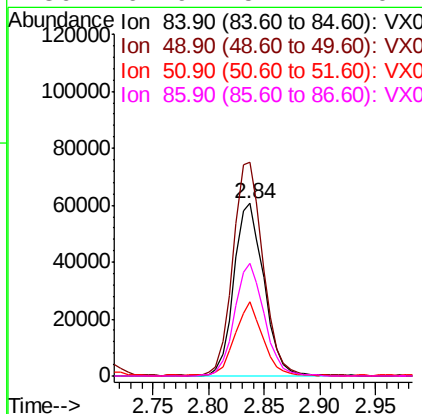
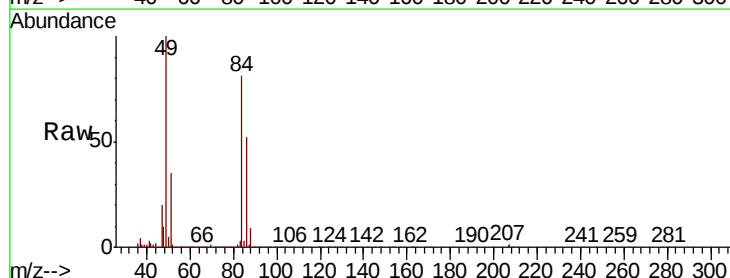
Tot Ion: 73 Resp: 342358
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.0 25.4

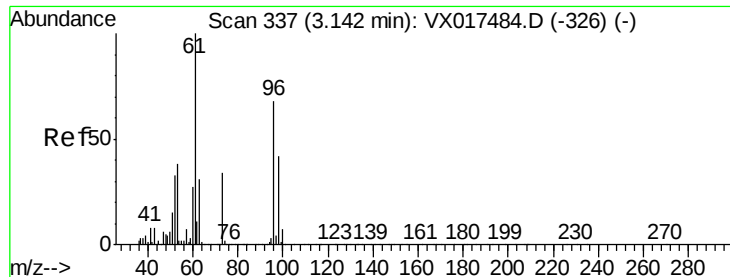


#20

Methylene Chloride
 Concen: 19.748 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion: 84 Resp: 113317
 Ion Ratio Lower Upper
 84 100
 49 123.5 100.3 150.5
 51 42.5 30.5 45.7
 86 64.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.540 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

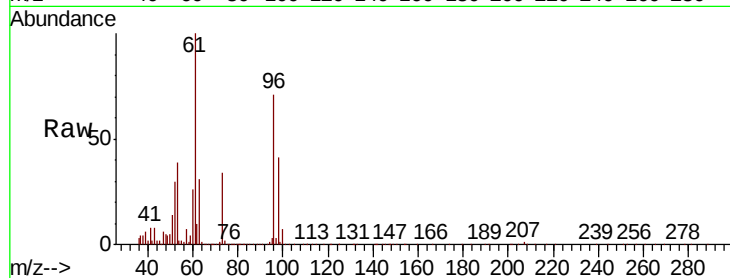
Tot Ion: 96 Resp: 106367

Ion Ratio Lower Upper

96 100

61 140.1 113.0 169.4

98 57.4 51.8 77.8

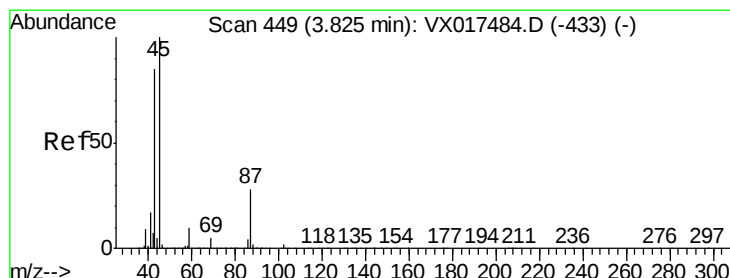
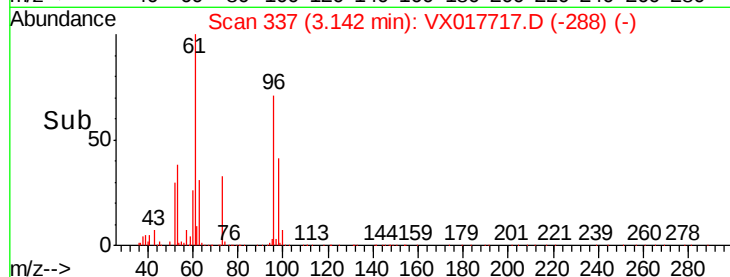
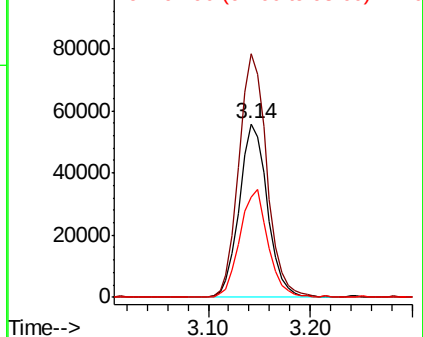


Abundance

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: 19.549 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion: 45 Resp: 349546

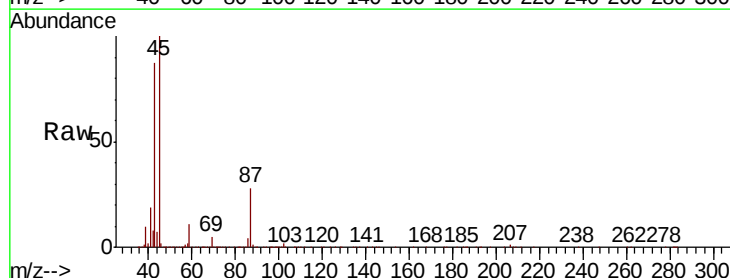
Ion Ratio Lower Upper

45 100

43 86.2 52.0 78.0#

87 27.9 22.2 33.4

59 11.3 8.9 13.3



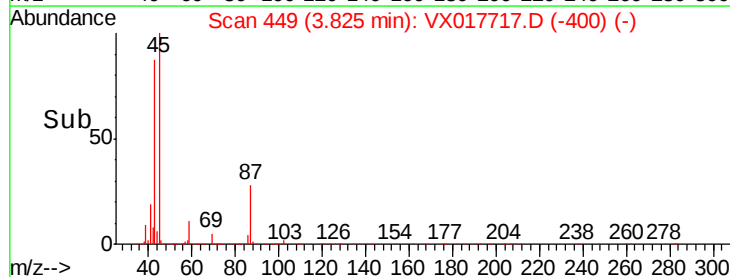
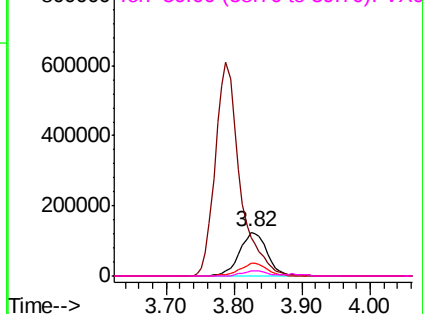
Abundance

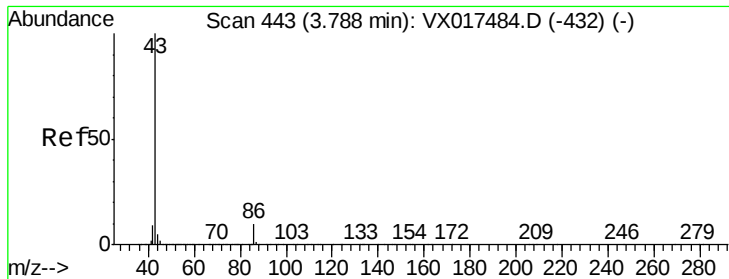
Ion 45.00 (44.70 to 45.70): VX0

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: 96.497 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

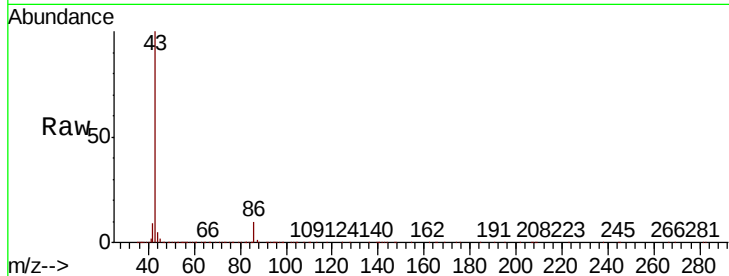
VX0731WBS02

Tot Ion: 43 Resp: 1538406

Ion Ratio Lower Upper

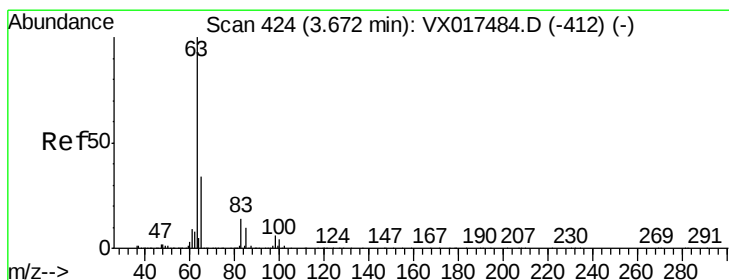
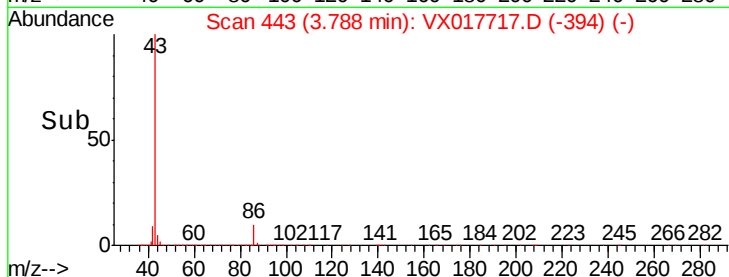
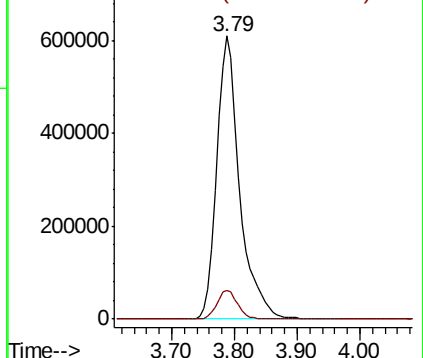
43 100

86 10.2 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: 19.075 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

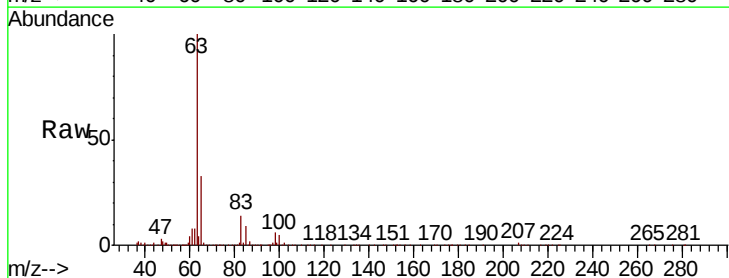
Tgt Ion: 63 Resp: 196478

Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.1

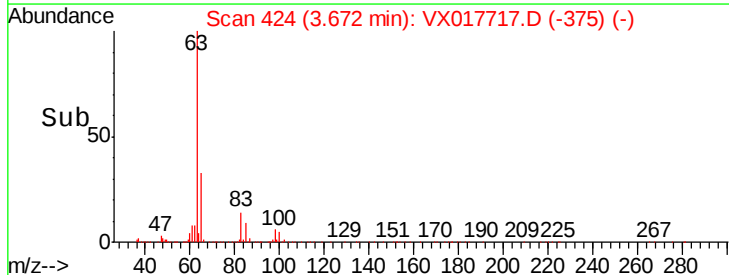
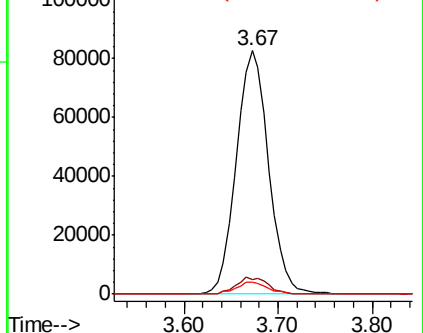
100 4.7 1.9 5.7

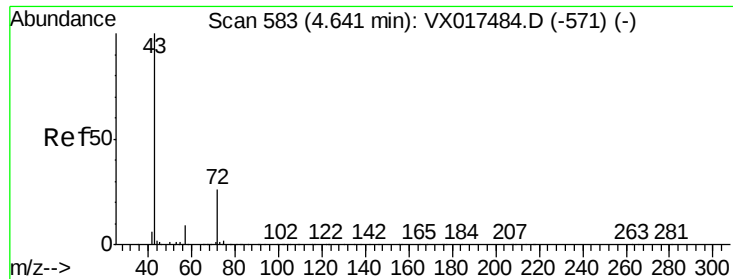


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.778 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

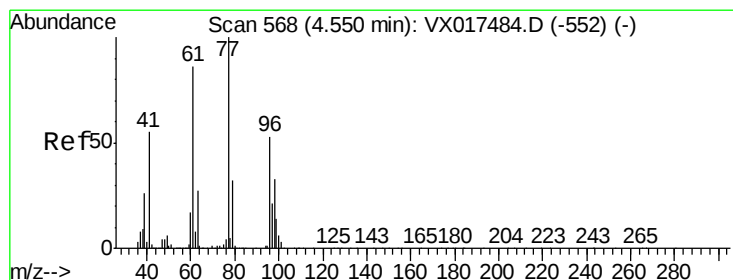
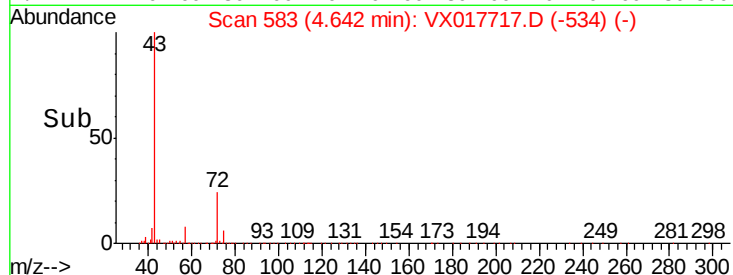
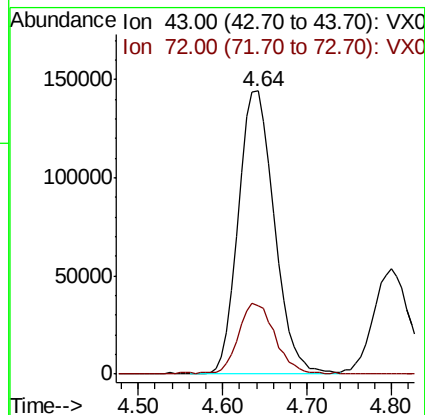
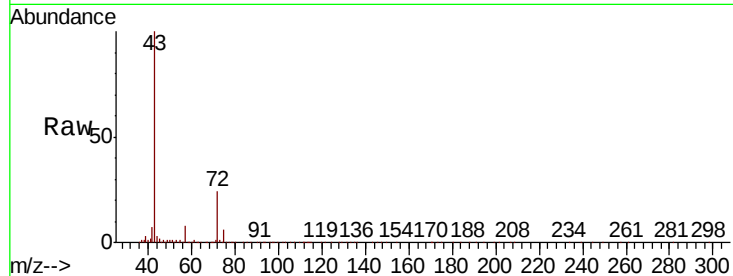
VX0731WBS02

Tot Ion: 43 Resp: 415513

Ion Ratio Lower Upper

43 100

72 24.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 17.268 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017717.D

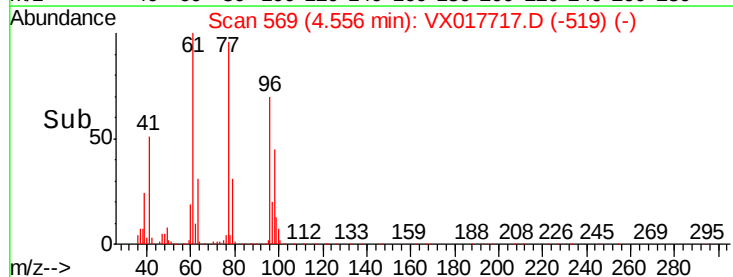
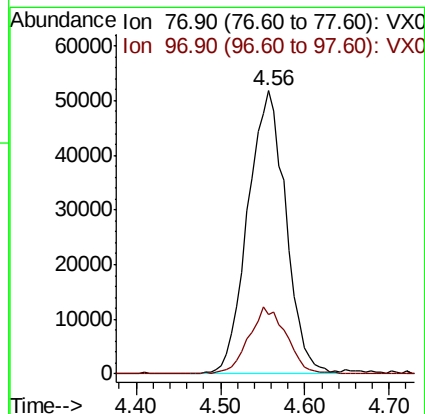
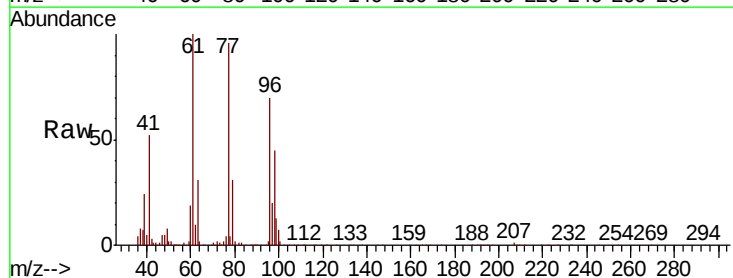
Acq: 31 Jul 2020 22:20

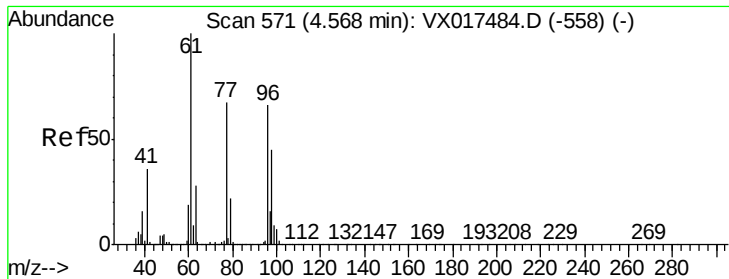
Tgt Ion: 77 Resp: 159213

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.9



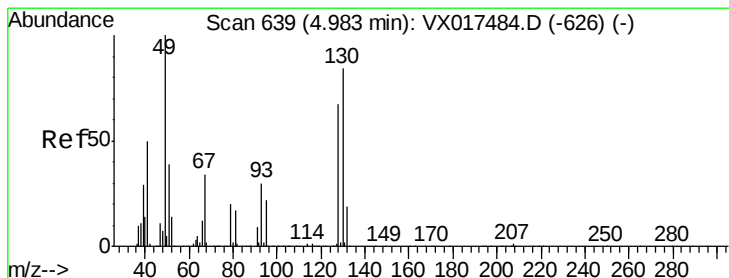
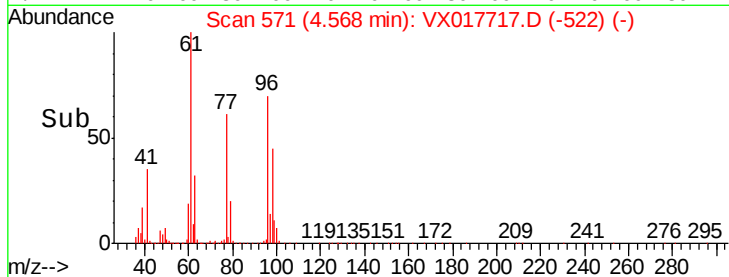
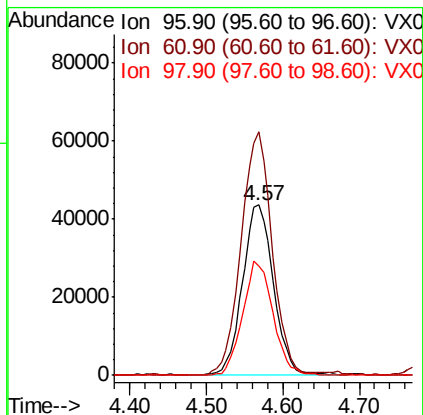
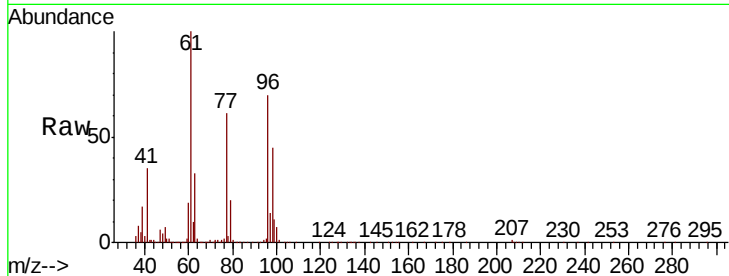


#27

cis-1,2-Dichloroethene
 Concen: 19.804 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

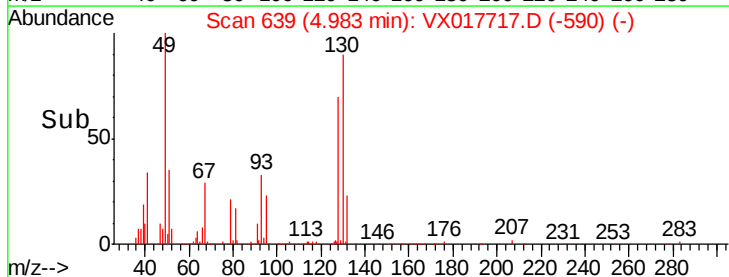
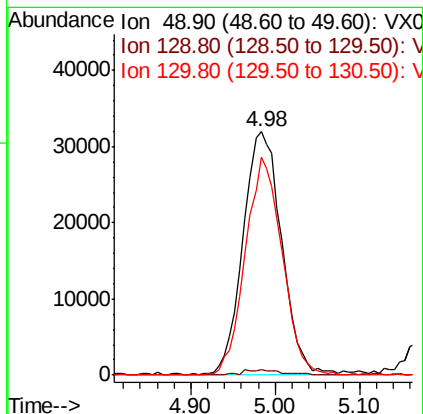
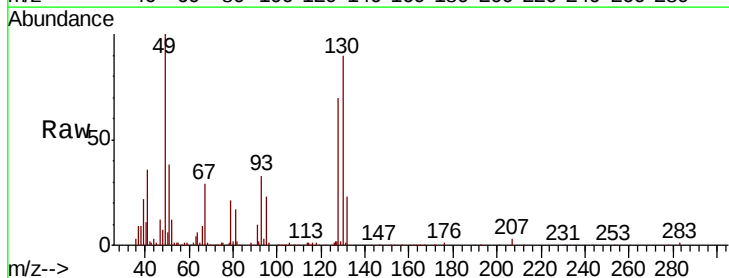
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	301.2
98	65.6	0.0	130.0

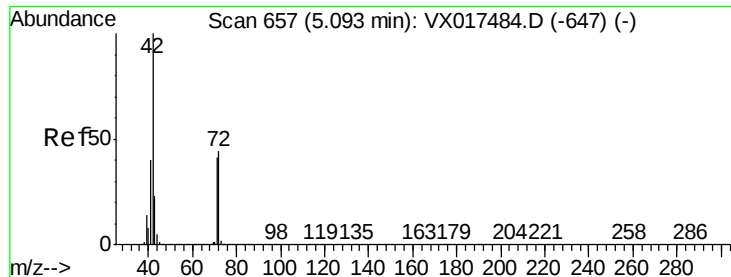


#28

Bromochloromethane
 Concen: 21.214 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	85.9	66.7	100.1

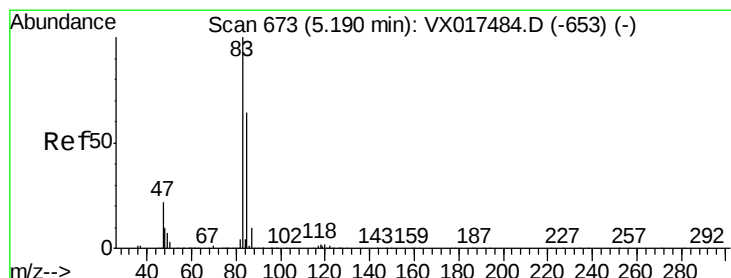
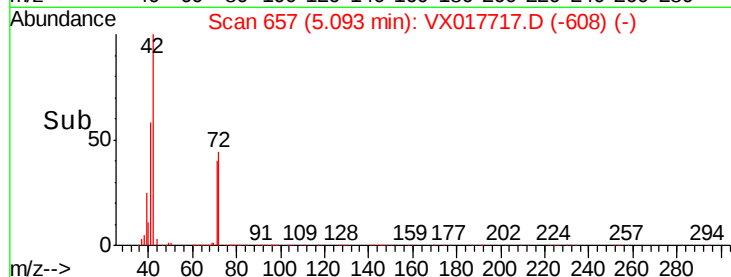
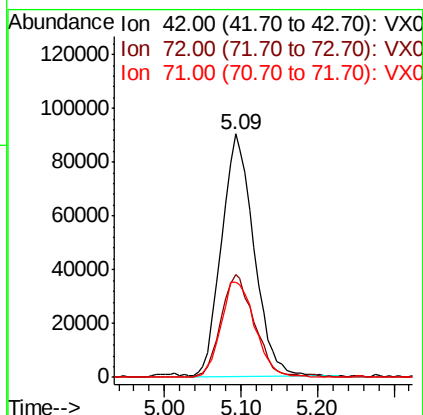
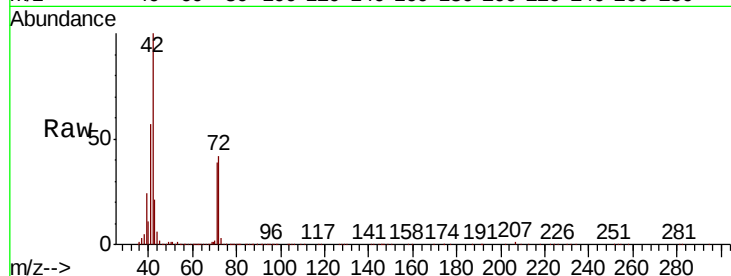




#29
Tetrahydrofuran
Concen: 102.566 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

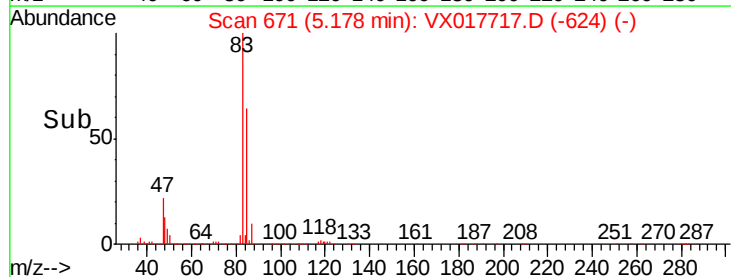
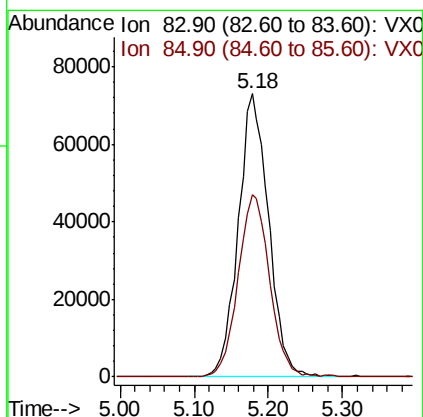
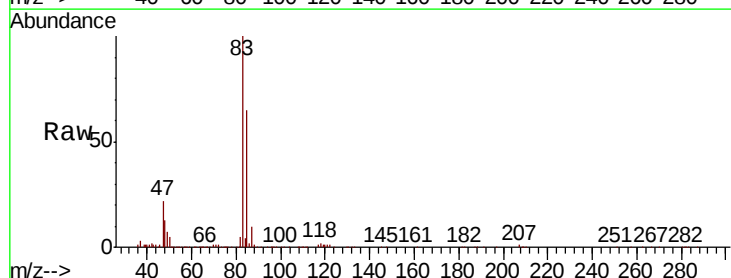
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

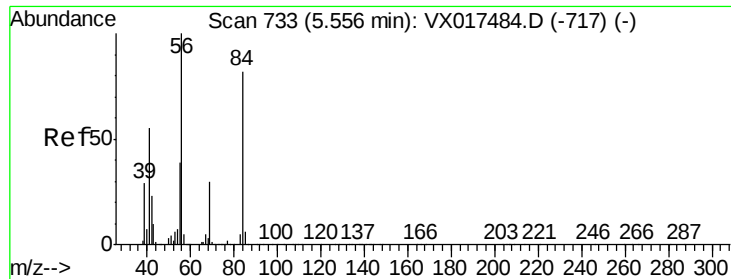
Tot Ion: 42 Resp: 264570
Ion Ratio Lower Upper
42 100
72 43.8 35.5 53.3
71 41.0 33.0 49.4



#30
Chloroform
Concen: 19.859 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 83 Resp: 209005
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2

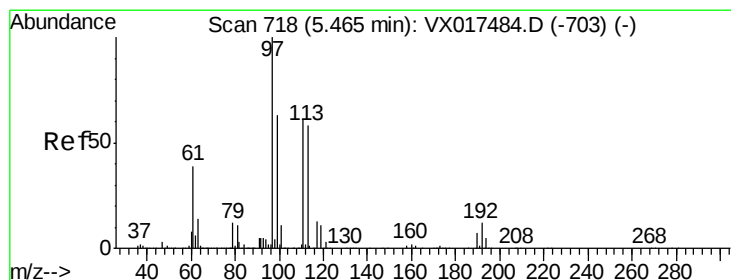
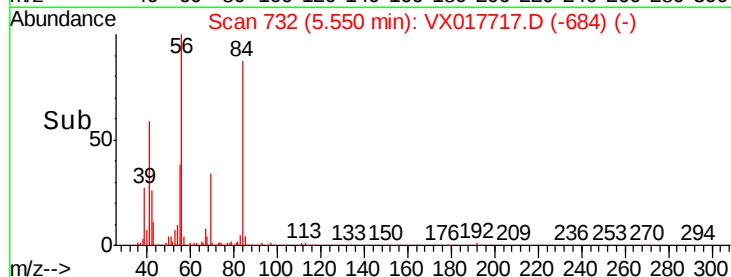
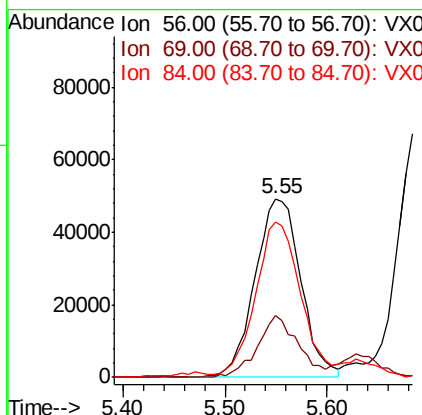
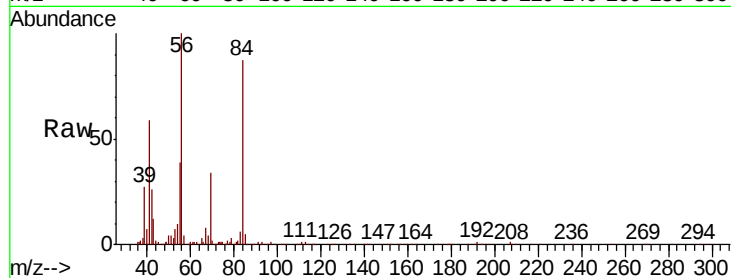




#31
Cyclohexane
Concen: 18.586 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

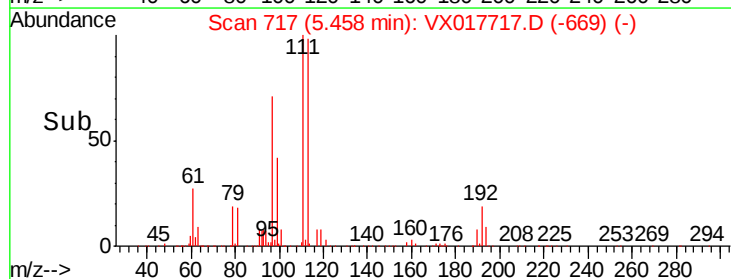
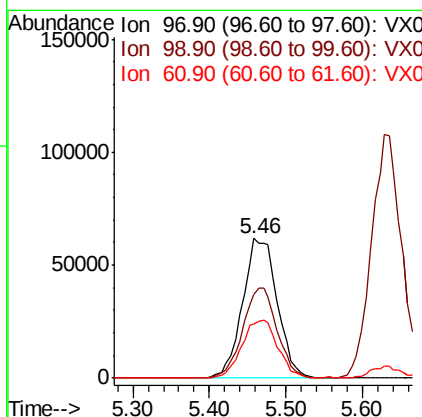
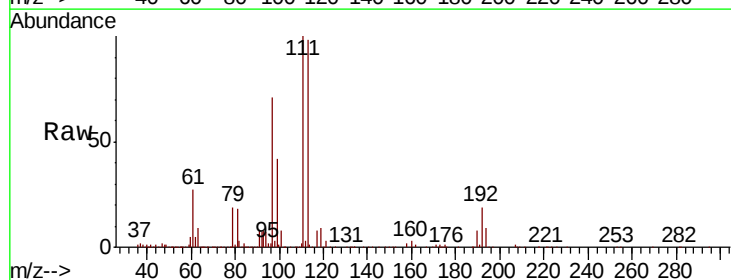
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

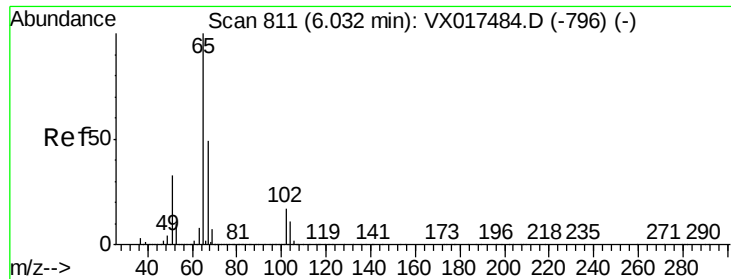
Tot Ion: 56 Resp: 152660
Ion Ratio Lower Upper
56 100
69 34.3 24.2 36.4
84 85.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 19.664 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 97 Resp: 195150
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 43.1 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 54.395 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

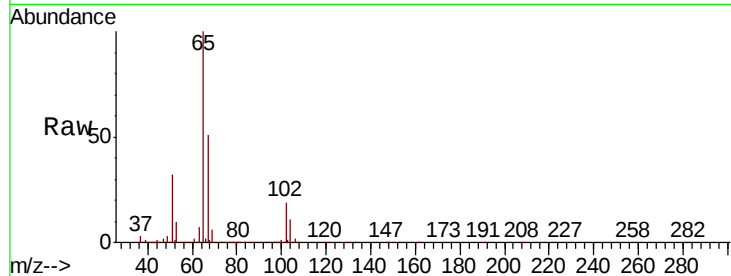
VX0731WBS02

Tot Ion: 65 Resp: 362283

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

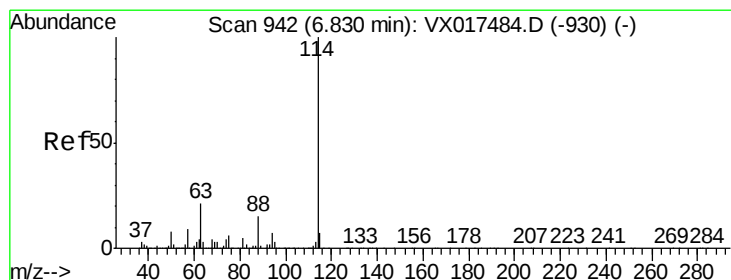
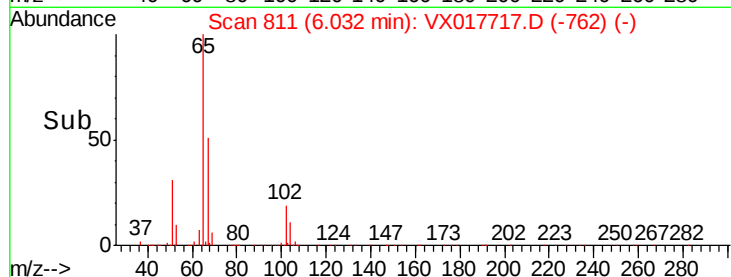
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

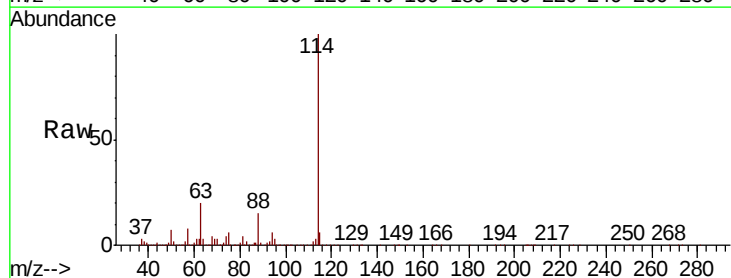
Tgt Ion: 114 Resp: 807150

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 15.1 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

6.84

400000

300000

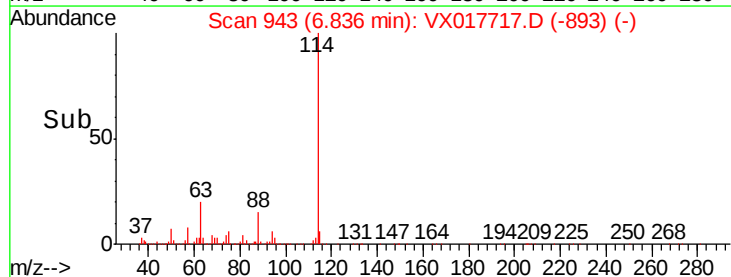
200000

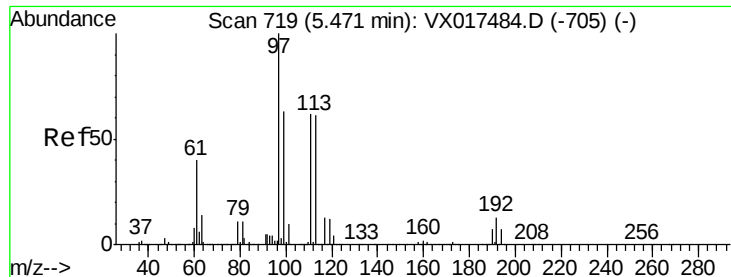
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.657 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

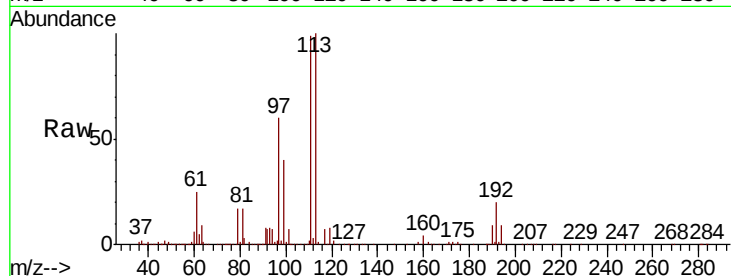
Tot Ion:113 Resp: 284258

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

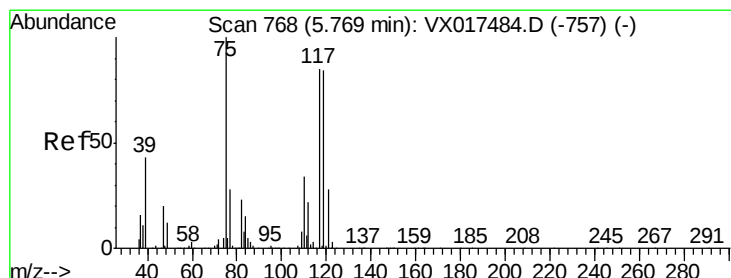
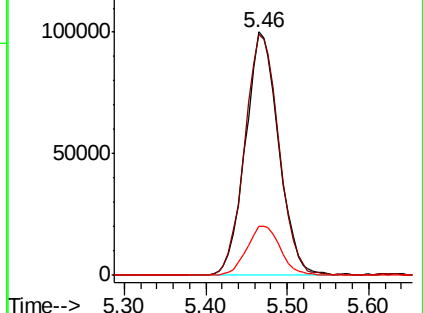
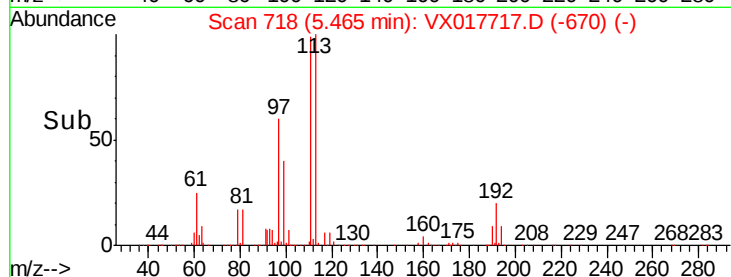
192 20.6 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.777 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

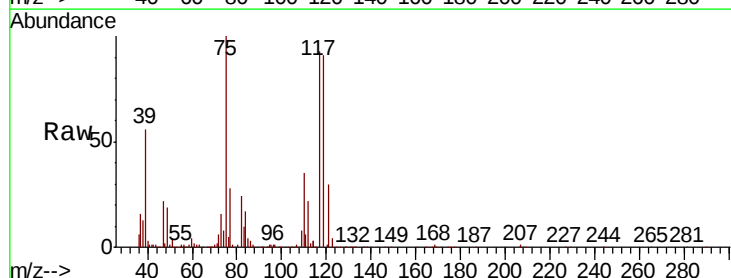
Tgt Ion: 75 Resp: 145355

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.3

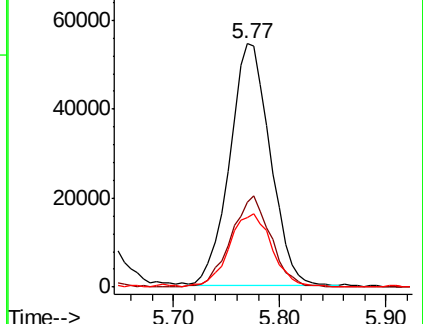
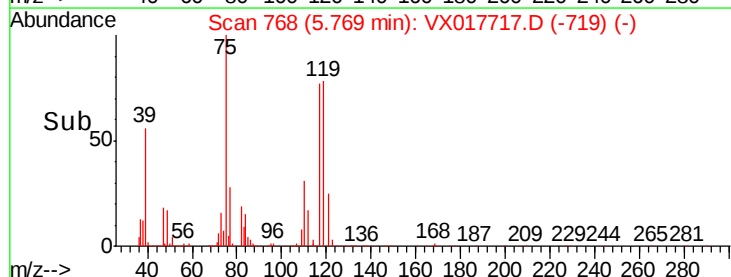
77 31.4 24.6 37.0

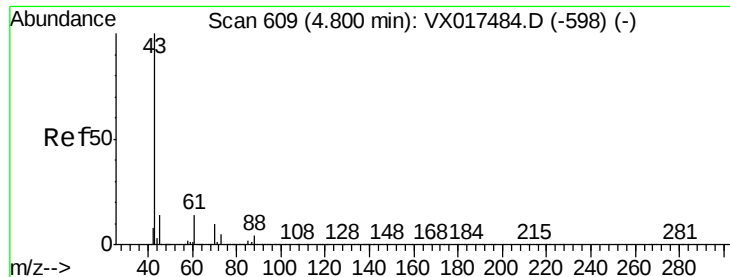


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

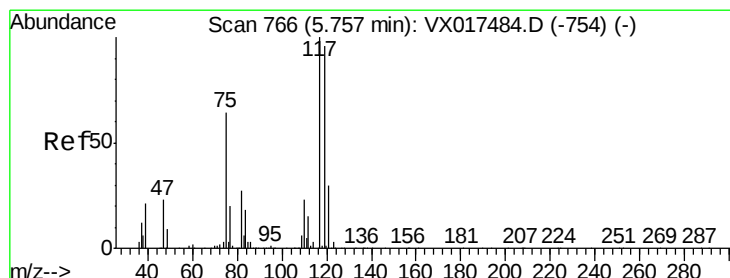
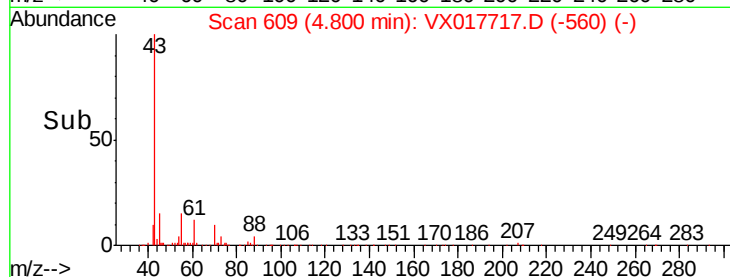
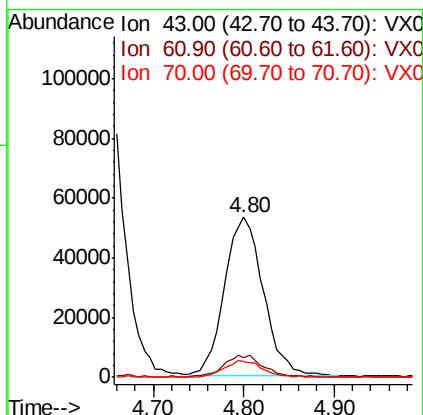
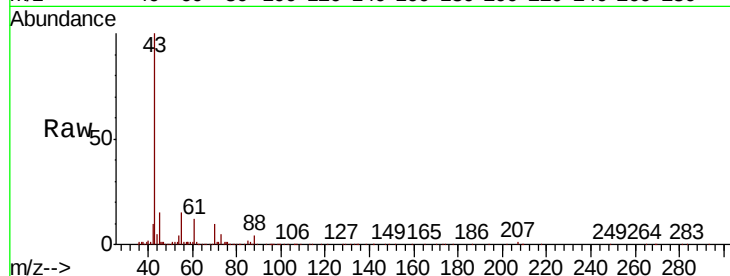




#37
Ethyl Acetate
Concen: 18.709 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

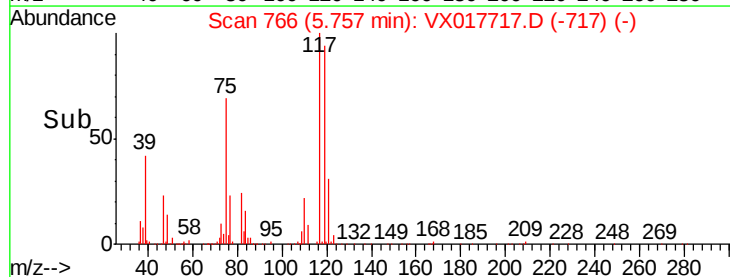
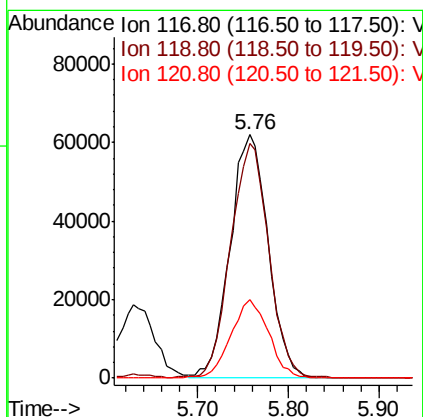
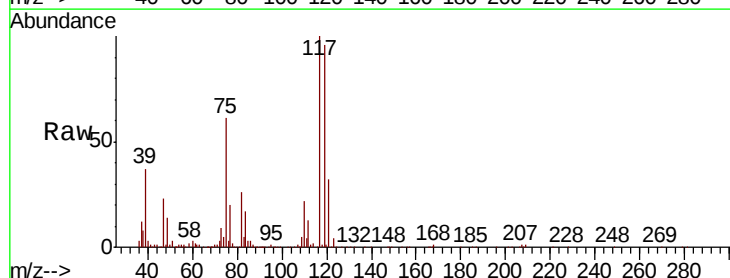
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS02

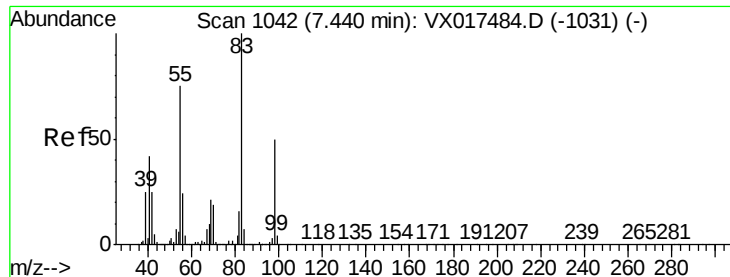
Tot Ion: 43 Resp: 158472
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.223 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 117 Resp: 180709
Ion Ratio Lower Upper
117 100
119 96.3 75.4 113.0
121 32.0 24.3 36.5

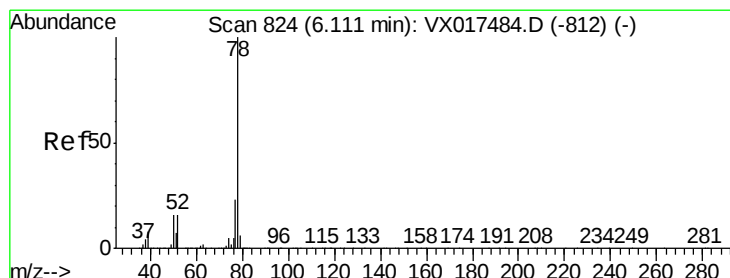
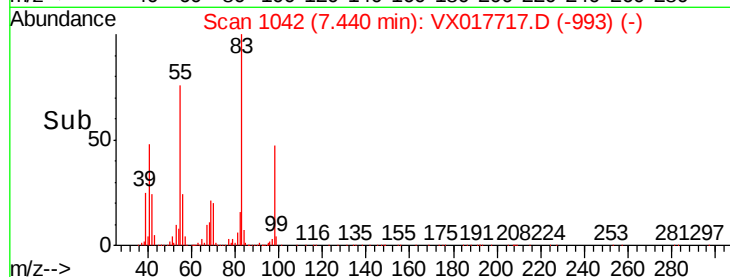
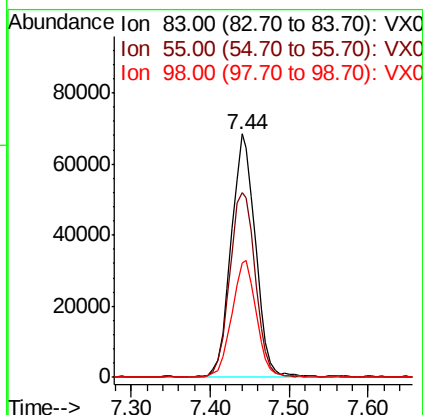
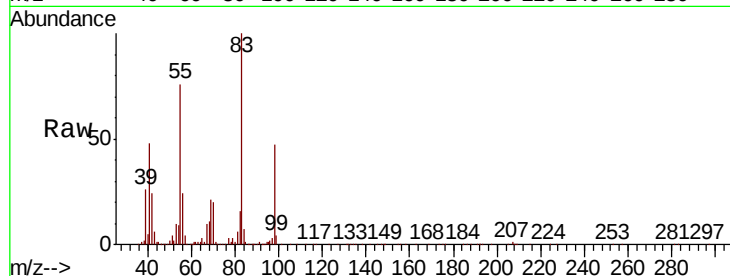




#39
Methvlcvclohexane
Concen: 16.193 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

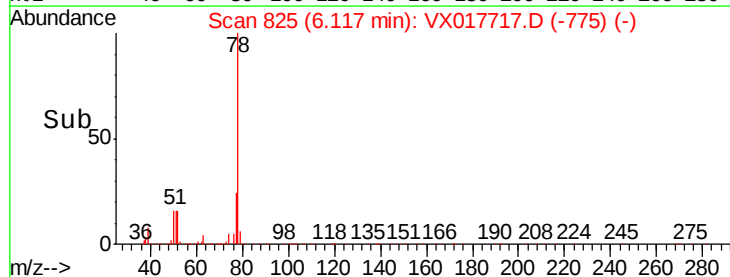
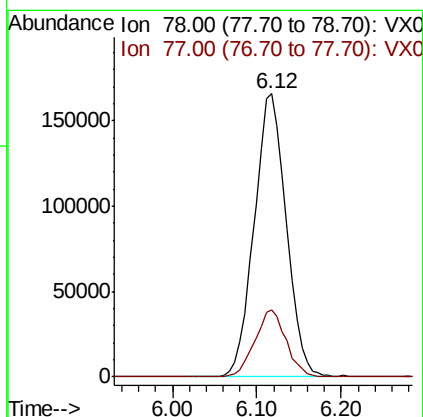
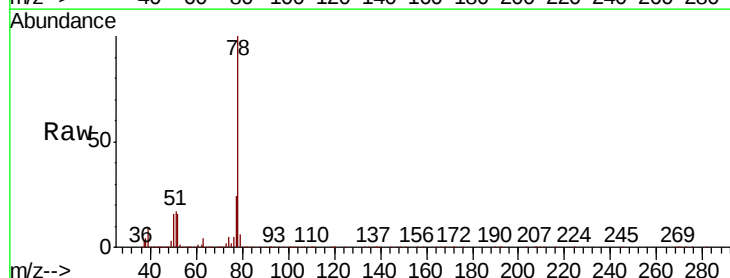
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

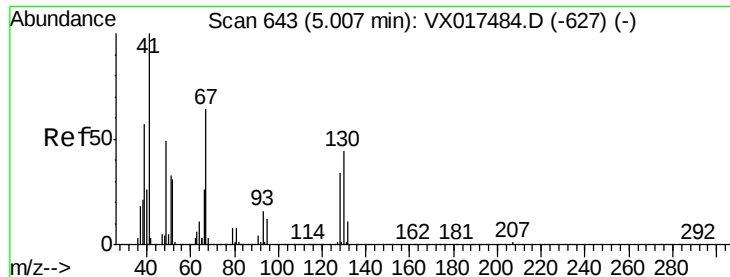
Tot Ion	83.00	Resp	146334
Ion Ratio	Lower	Upper	
83	100		
55	75.9	61.8	92.8
98	47.2	36.9	55.3



#40
Benzene
Concen: 19.411 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	78.00	Resp	430807
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.4	29.2

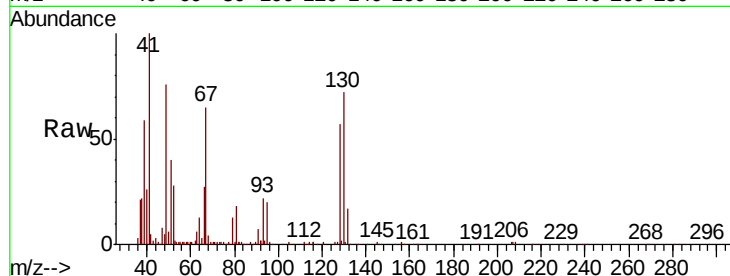




#41
Methacrylonitrile
Concen: 18.258 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion:	41	Resp:	88644
Ion	Ratio	Lower	Upper
41	100		
39	57.0	43.9	65.9
67	73.2	54.0	81.0
52	31.1	23.0	34.6



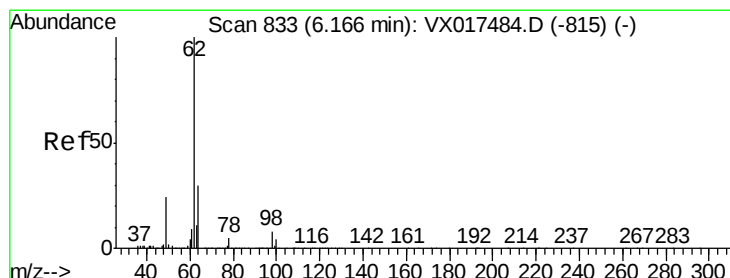
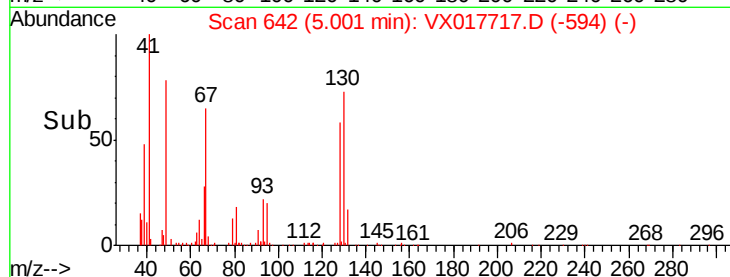
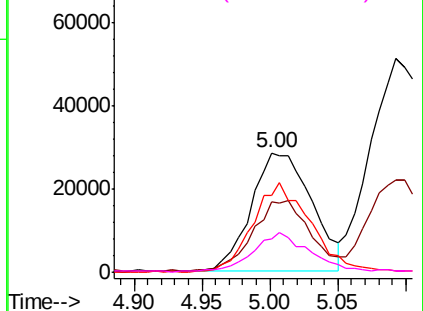
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

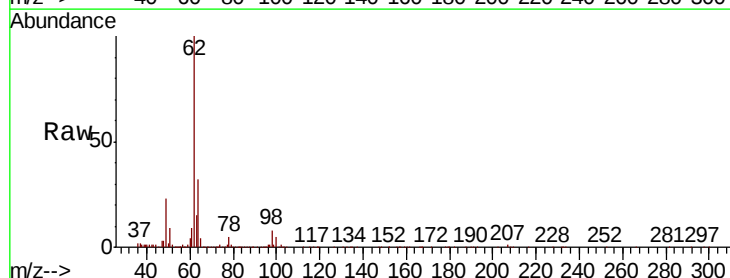
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.462 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

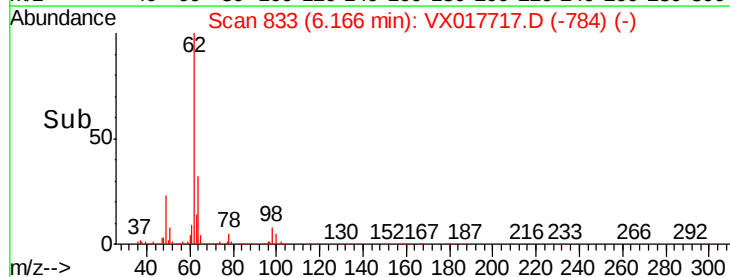
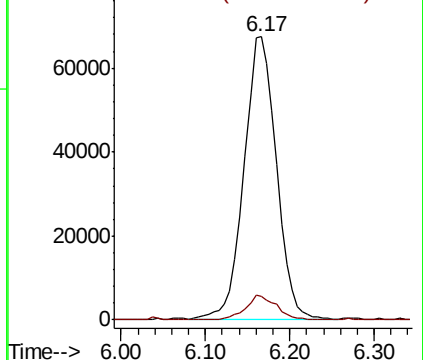
Tgt Ion:	62	Resp:	176709
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0

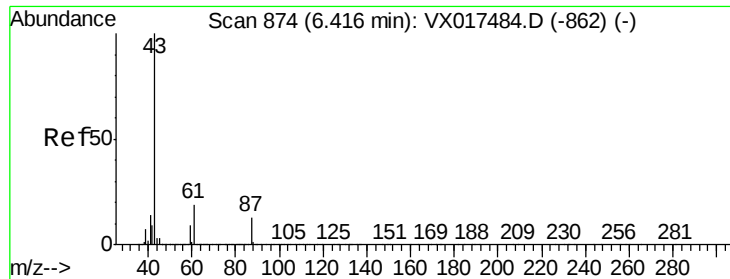


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.800 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

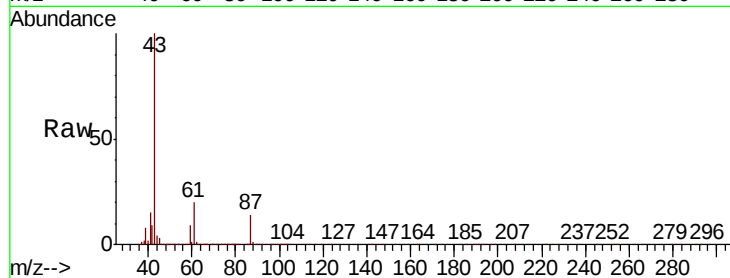
MSVOA_X

ClientSampleId :

VX0731WBS02

Tot Ion: 43 Resp: 262737

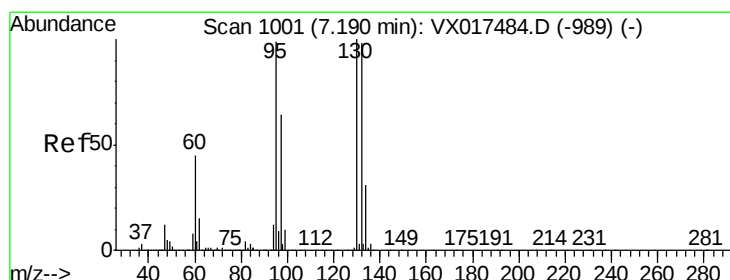
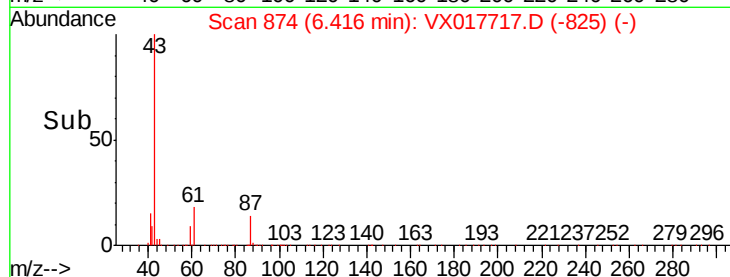
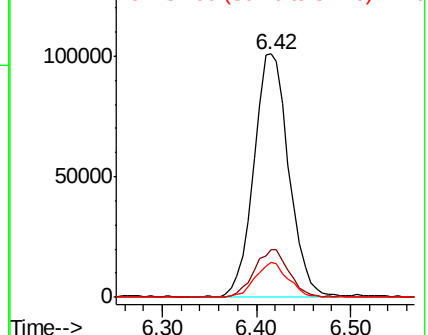
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	13.7	10.5	15.7



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: 18.949 ug/l

RT: 7.19 min Scan# 1001

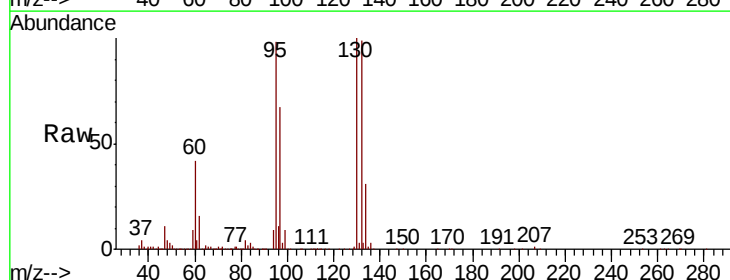
Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

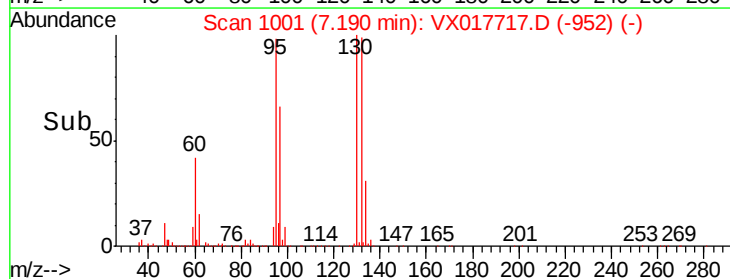
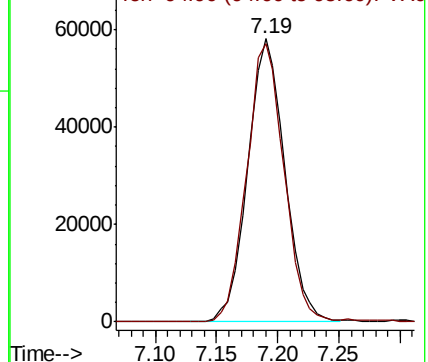
Tgt Ion: 130 Resp: 122904

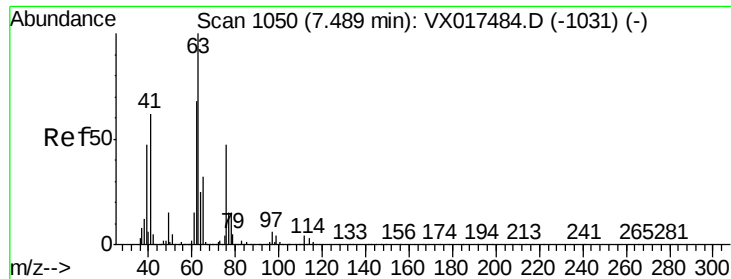
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

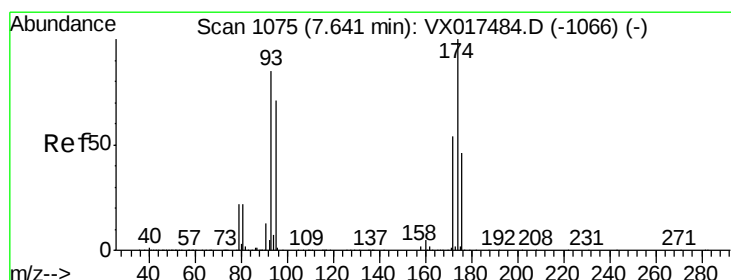
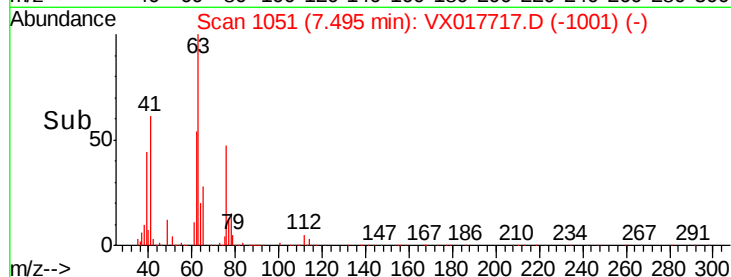
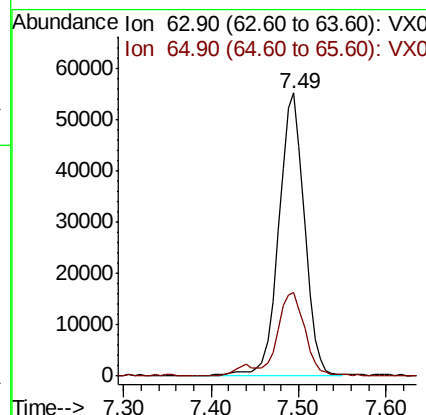
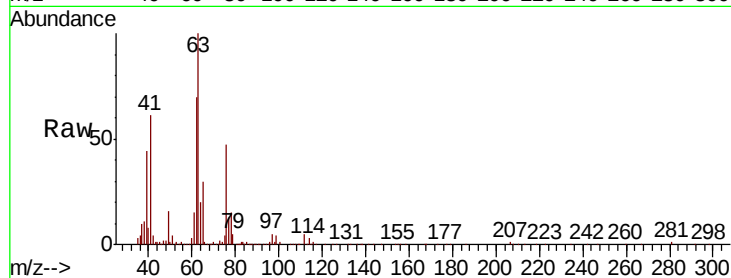




#45
 1,2-Dichloropropane
 Concen: 18.375 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

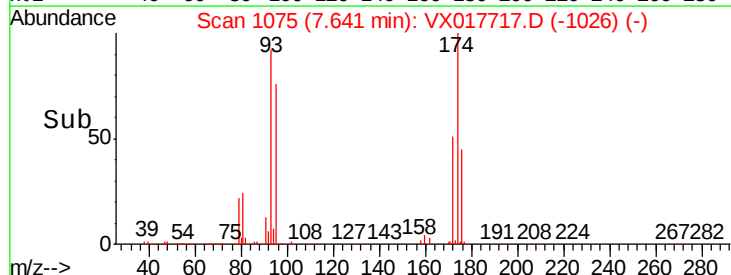
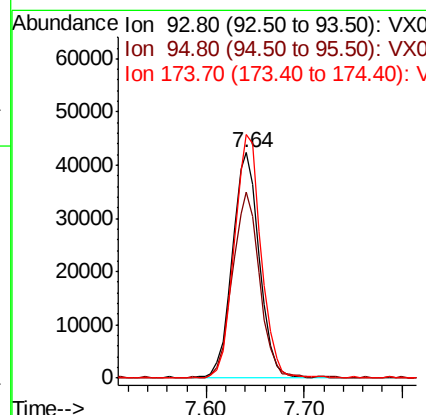
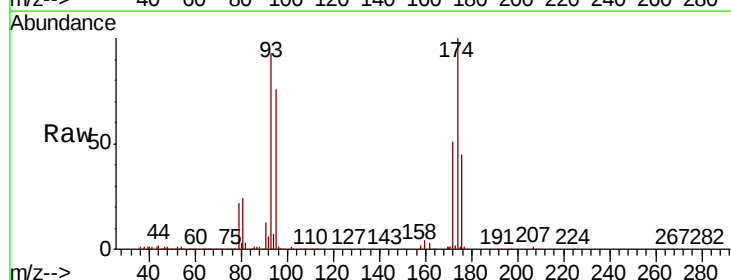
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

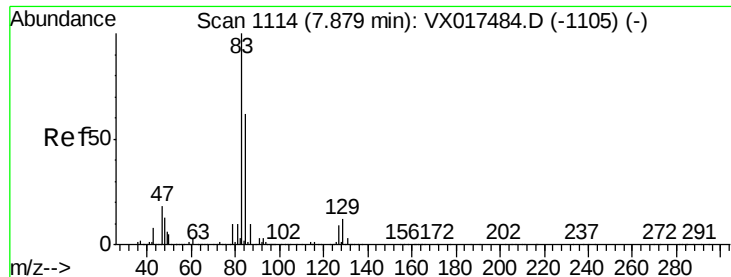
Tot Ion: 63 Resp: 113050
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.5 36.7



#46
 Dibromomethane
 Concen: 18.669 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion: 93 Resp: 81172
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 107.0 87.0 130.6





#47

Bromodichloromethane

Concen: 19.158 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

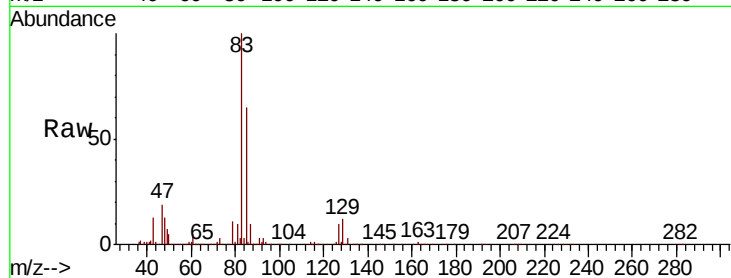
Tot Ion: 83 Resp: 167608

Ion Ratio Lower Upper

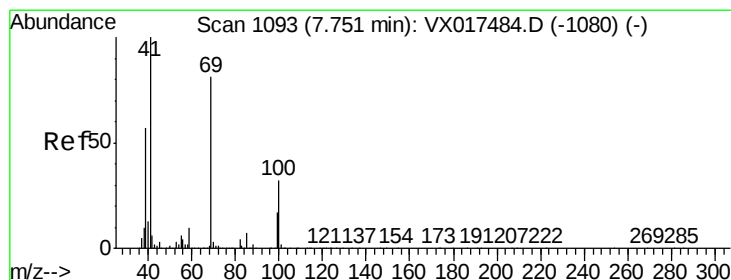
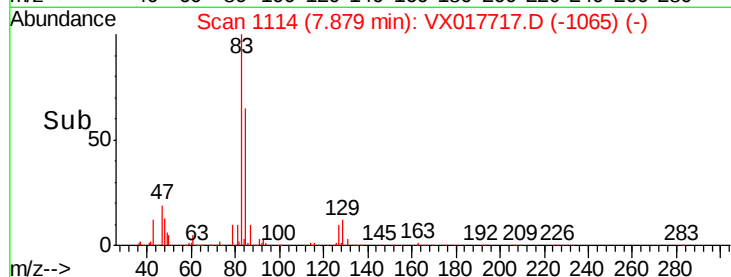
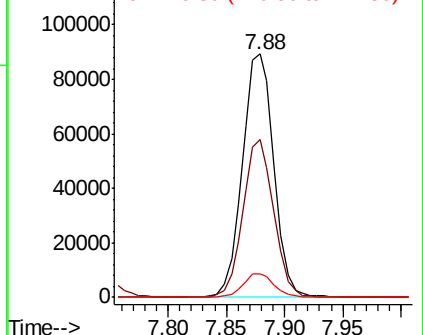
83 100

85 65.0 51.8 77.8

127 9.9 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: 17.560 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

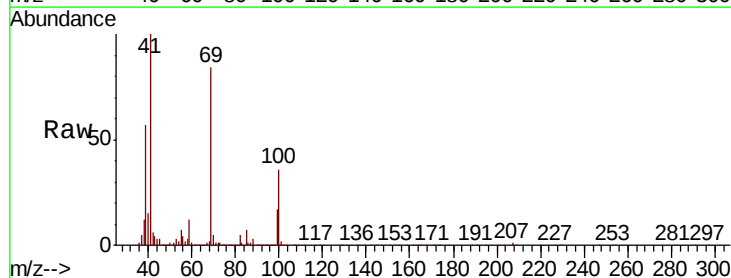
Tgt Ion: 41 Resp: 121645

Ion Ratio Lower Upper

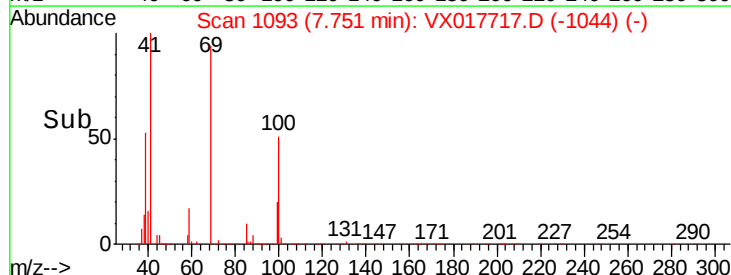
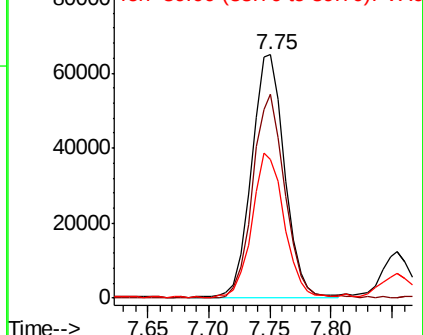
41 100

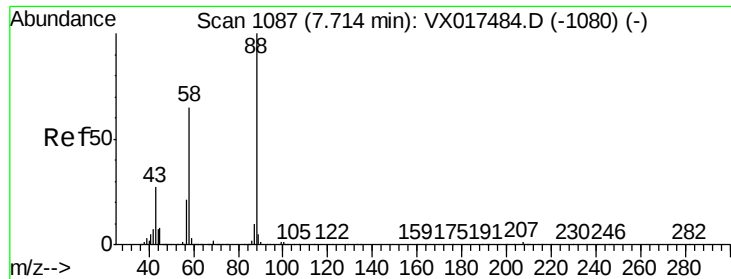
69 82.5 63.1 94.7

39 59.0 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: 397.515 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

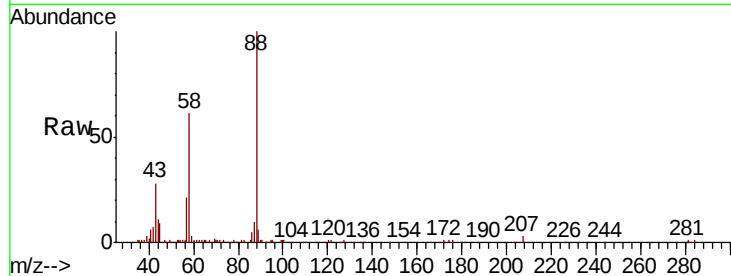
Tot Ion: 88 Resp: 52796

Ion Ratio Lower Upper

88 100

43 33.7 27.8 41.6

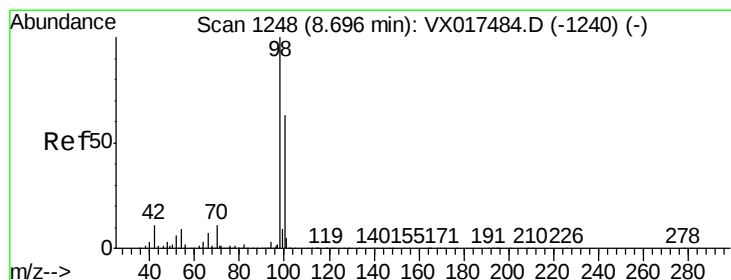
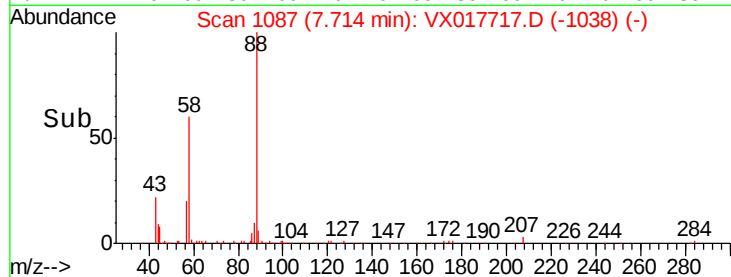
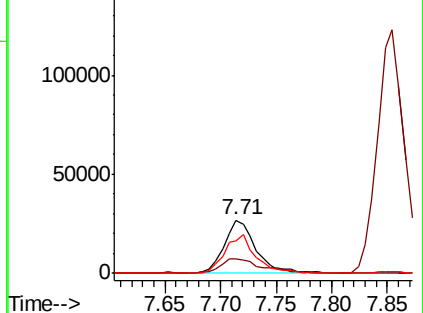
58 70.4 58.3 87.5



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: 50.176 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017717.D

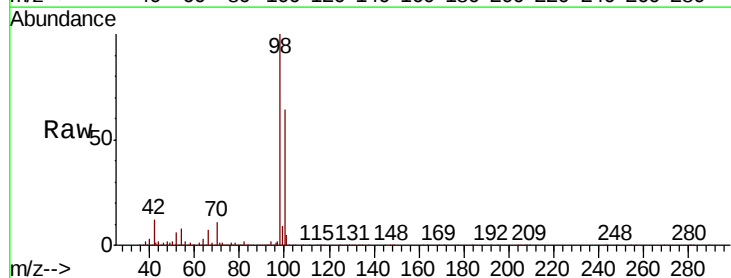
Acq: 31 Jul 2020 22:20

Tgt Ion: 98 Resp: 977134

Ion Ratio Lower Upper

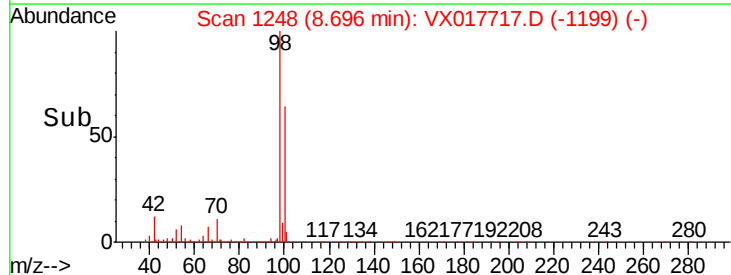
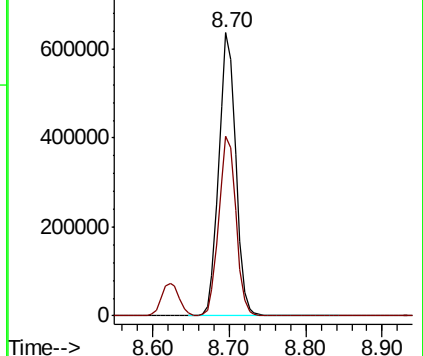
98 100

100 64.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 92.739 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

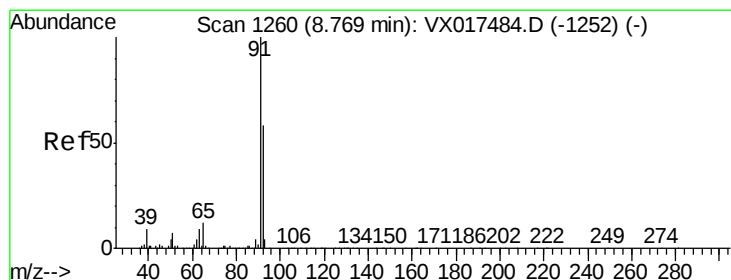
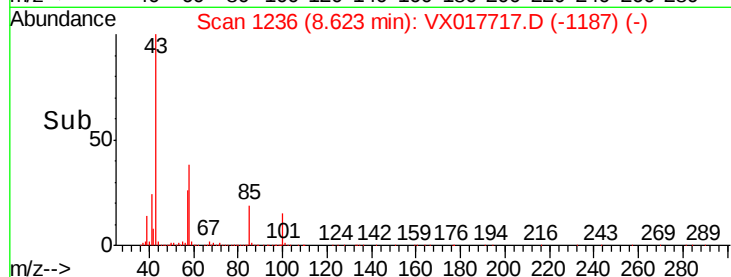
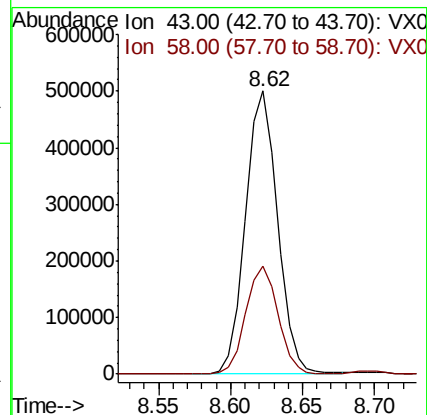
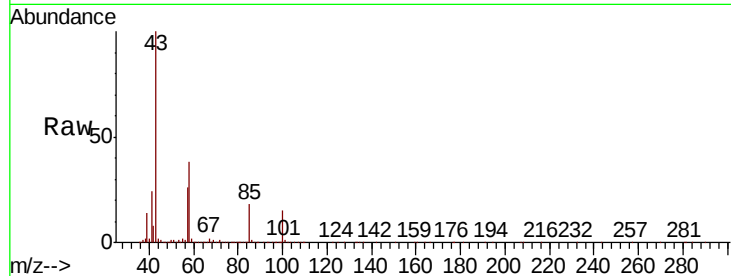
VX0731WBS02

Tot Ion: 43 Resp: 773307

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



#52

Toluene

Concen: 18.645 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017717.D

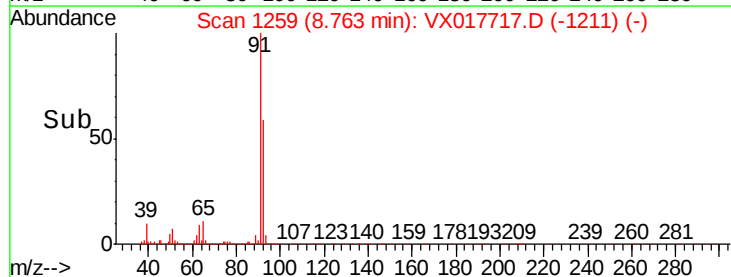
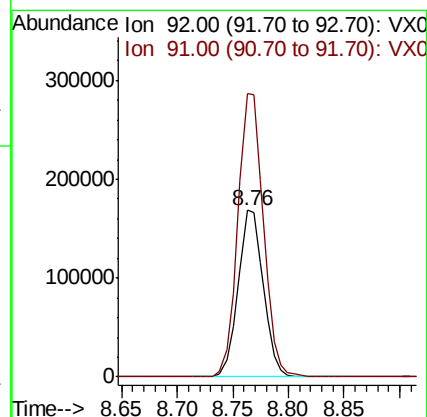
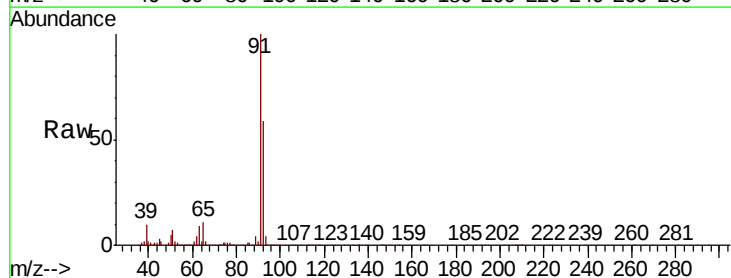
Acq: 31 Jul 2020 22:20

Tgt Ion: 92 Resp: 265377

Ion Ratio Lower Upper

92 100

91 171.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.751 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampled :

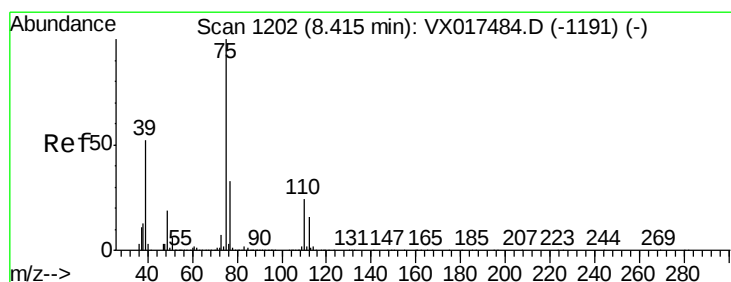
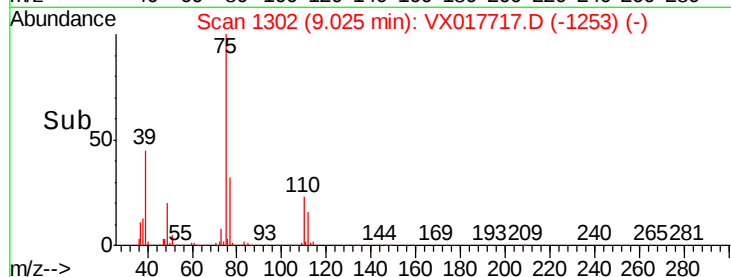
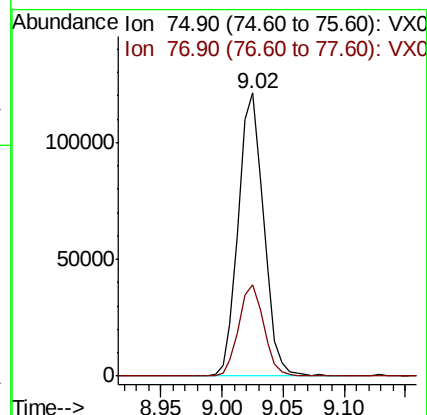
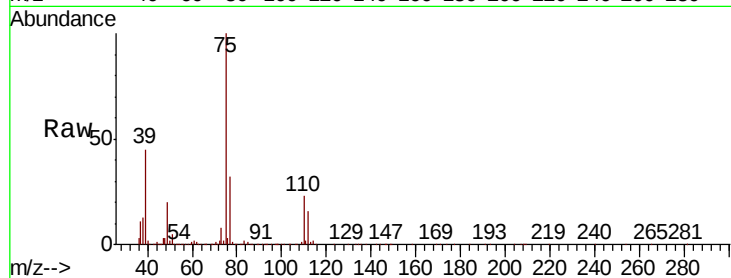
VX0731WBS02

Tot Ion: 75 Resp: 173844

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

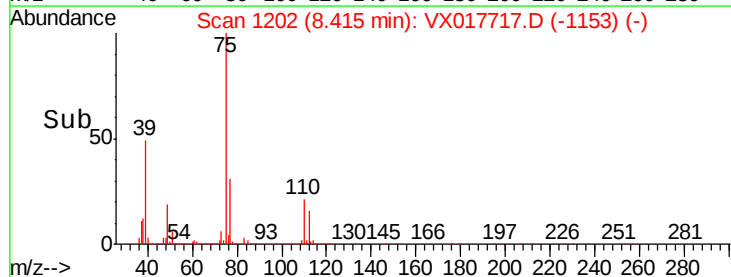
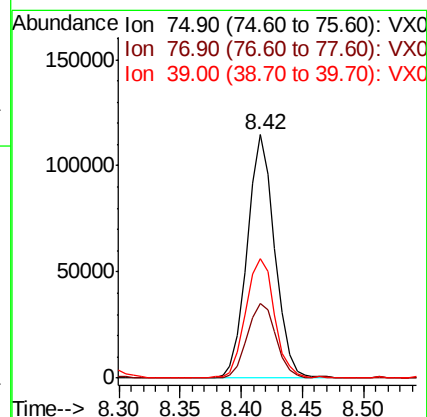
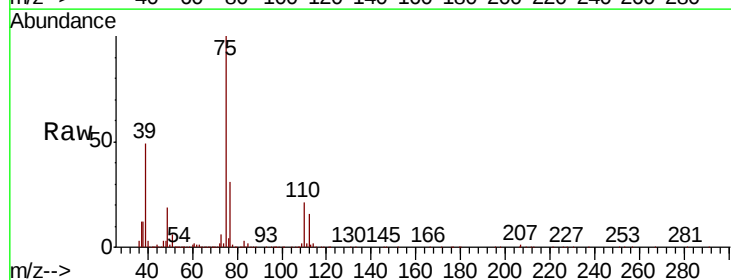
Tgt Ion: 75 Resp: 179106

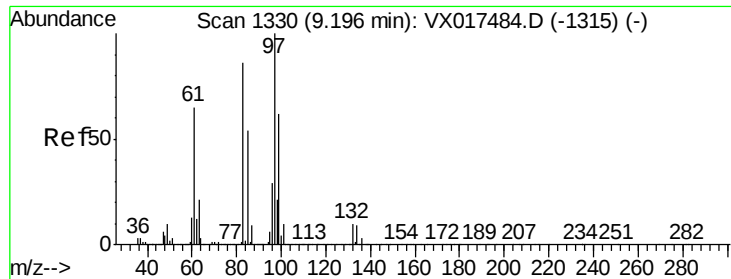
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 48.6 41.8 62.8

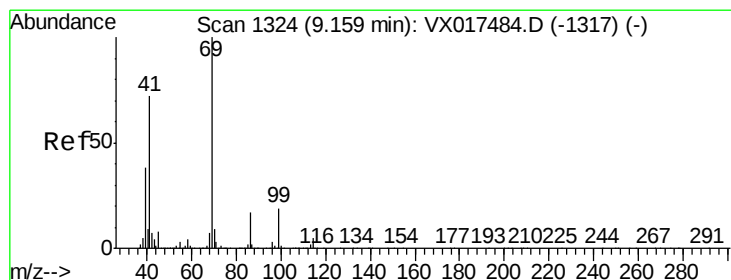
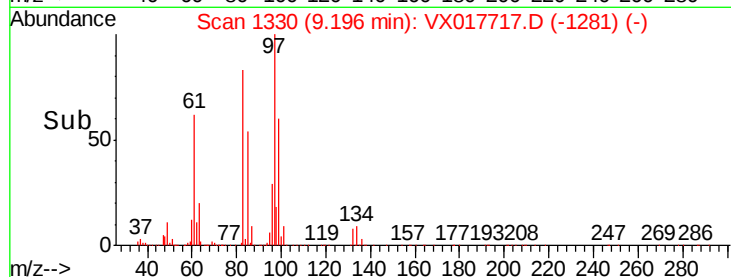
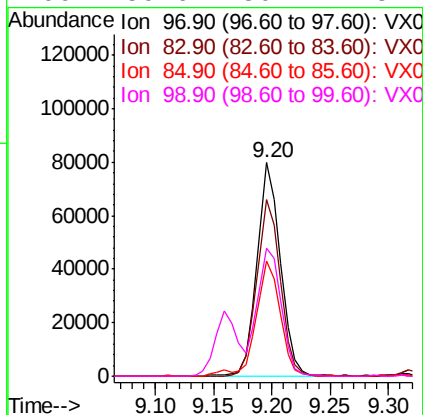
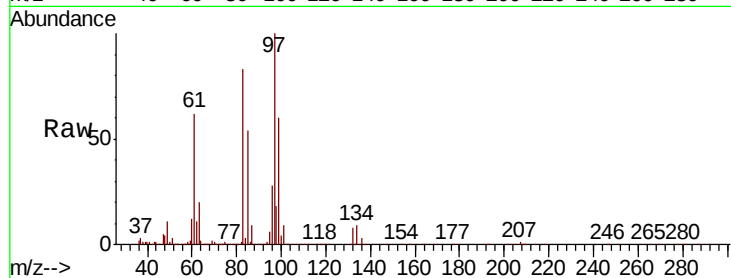




#55
 1,1,2-Trichloroethane
 Concen: 18.990 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

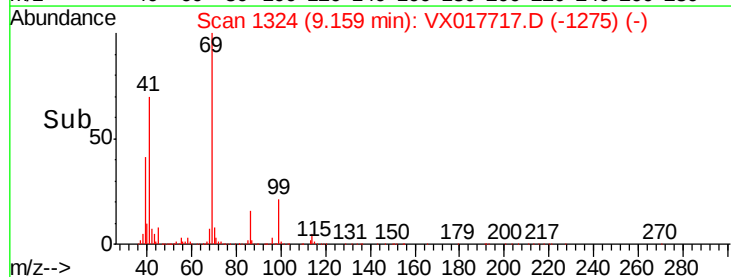
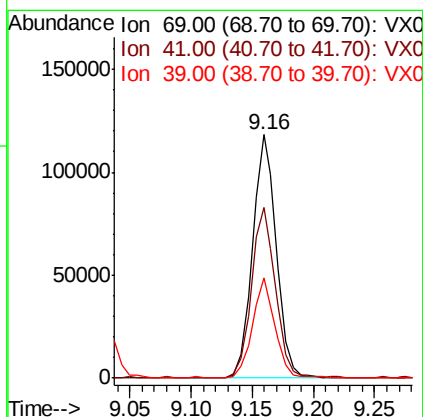
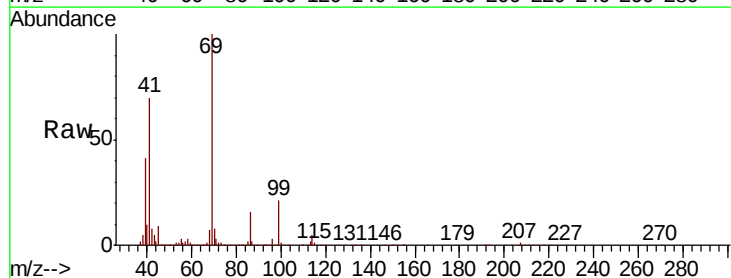
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

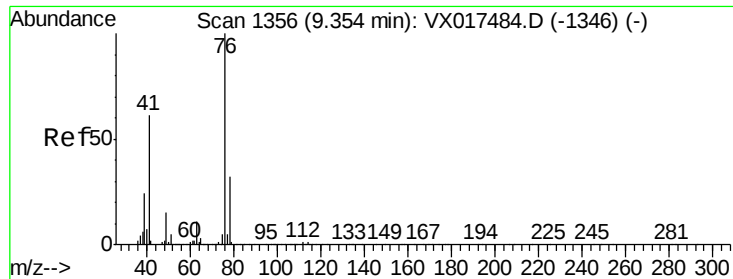
Tot Ion:	97	Resp:	112599
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.6	101.4
85	54.0	44.6	67.0
99	59.6	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 17.972 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion:	69	Resp:	160547
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.0	82.6
39	38.7	30.0	45.0





#57

1,3-Dichloropropane

Concen: 18.672 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

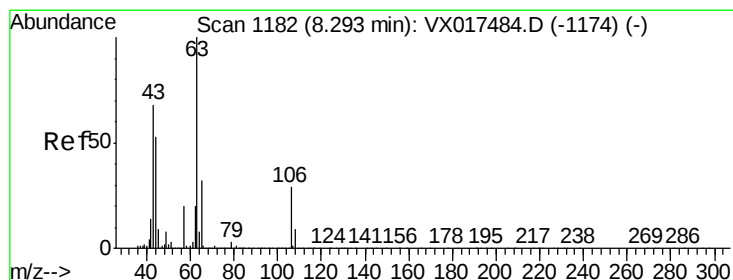
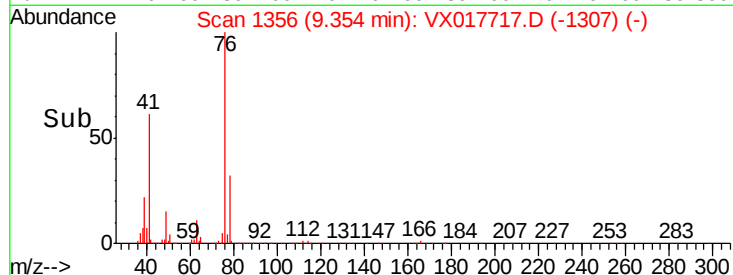
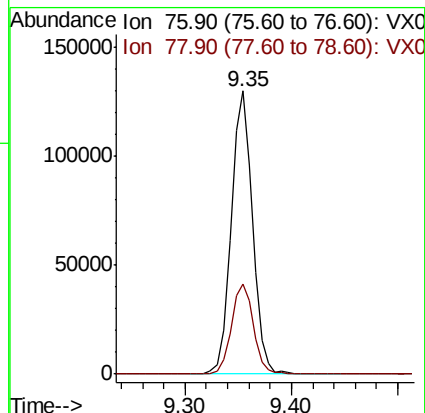
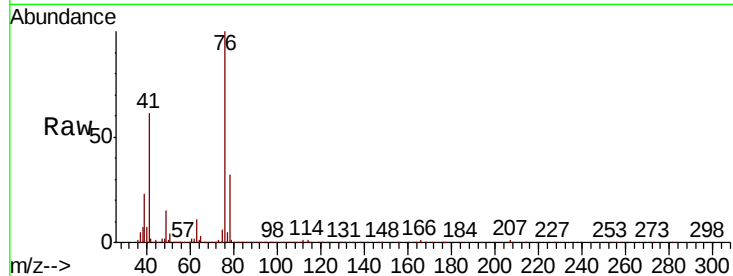
VX0731WBS02

Tot Ion: 76 Resp: 182303

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 79.087 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017717.D

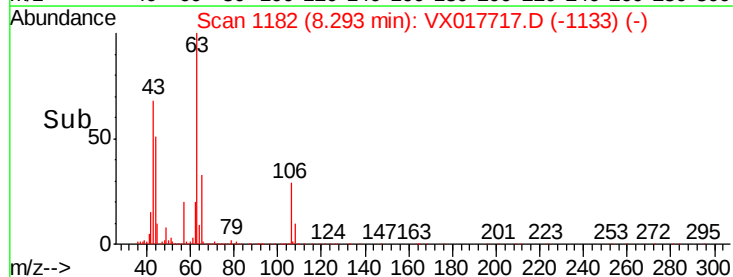
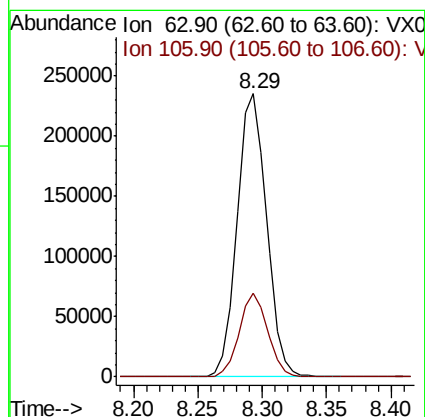
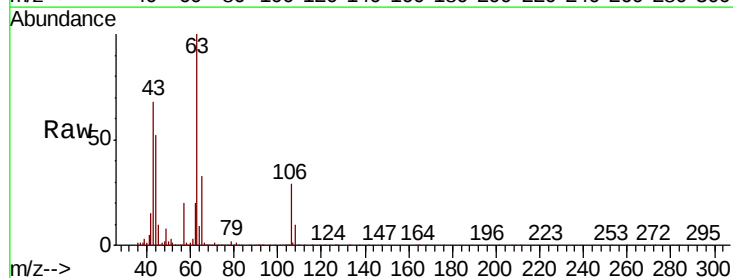
Acq: 31 Jul 2020 22:20

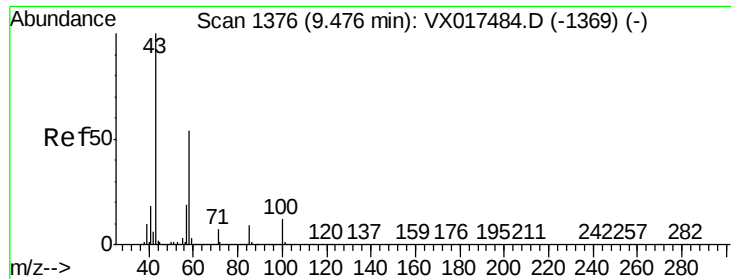
Tgt Ion: 63 Resp: 372206

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0

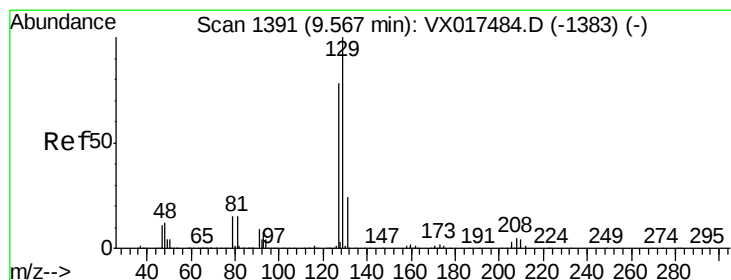
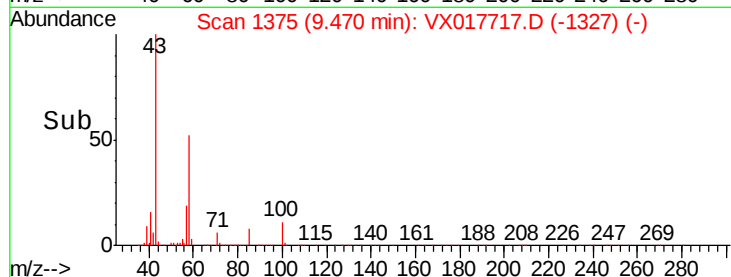
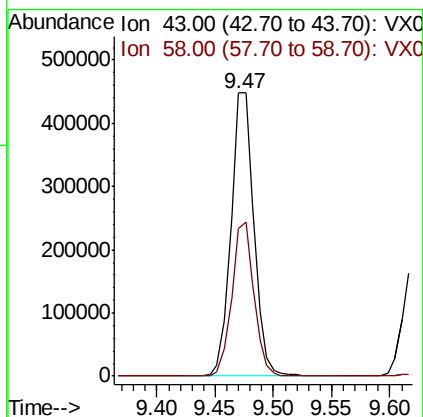
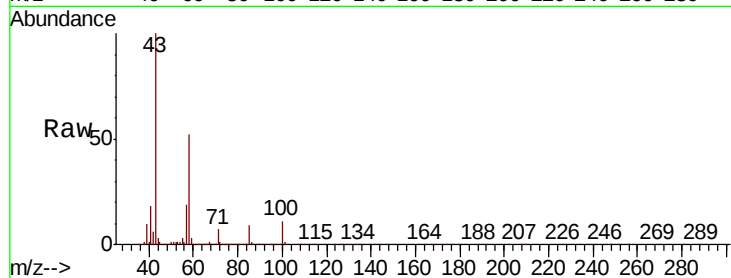




#59
2-Hexanone
Concen: 97.826 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

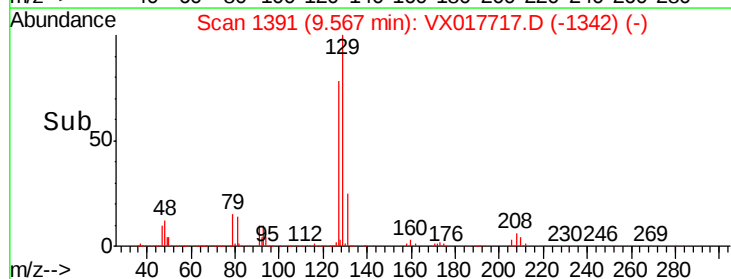
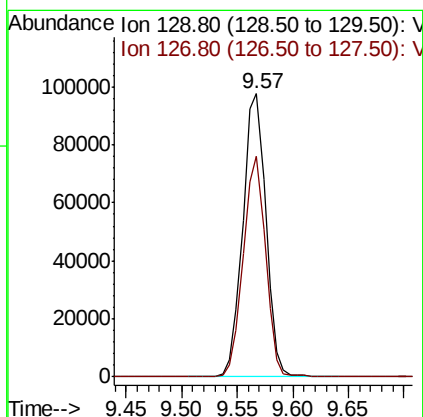
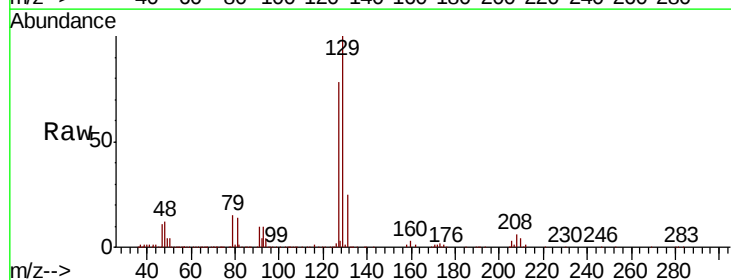
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

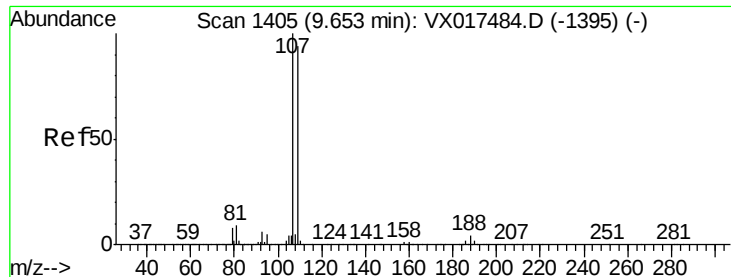
Tot Ion: 43 Resp: 614145
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8



#60
Dibromochloromethane
Concen: 18.783 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 129 Resp: 141551
Ion Ratio Lower Upper
129 100
127 75.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.468 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

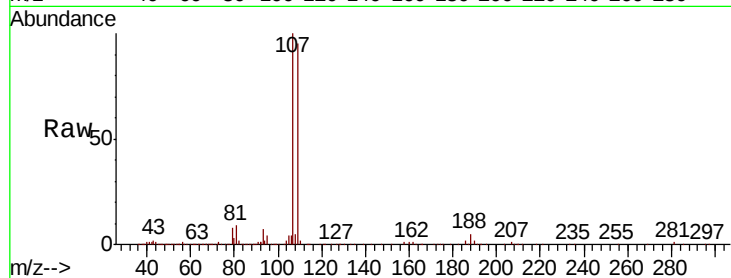
VX0731WBS02

Tot Ion:107 Resp: 122892

Ion Ratio Lower Upper

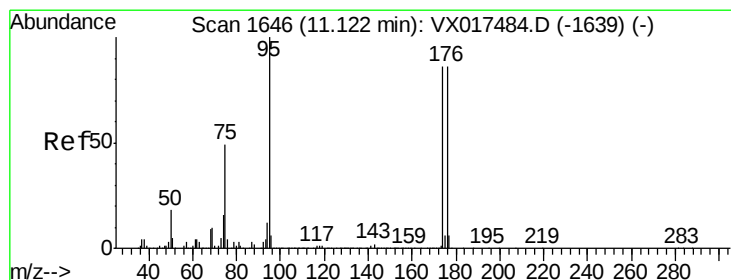
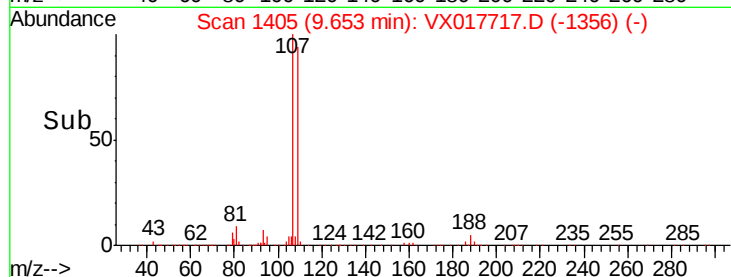
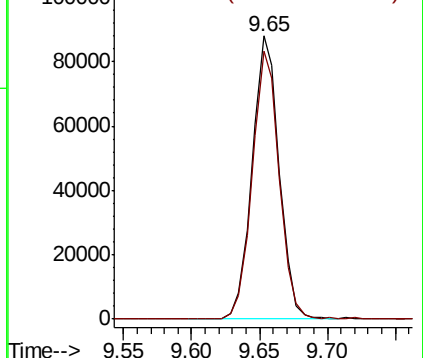
107 100

109 94.7 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: 49.850 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

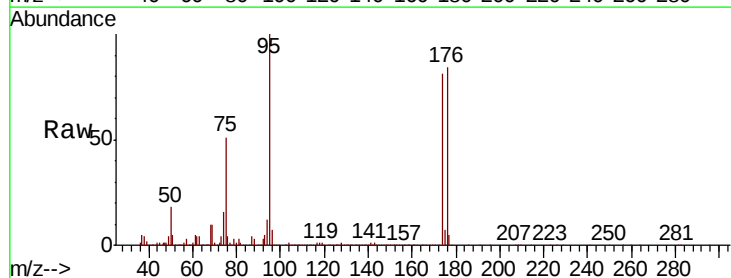
Tgt Ion: 95 Resp: 388508

Ion Ratio Lower Upper

95 100

174 83.5 0.0 169.0

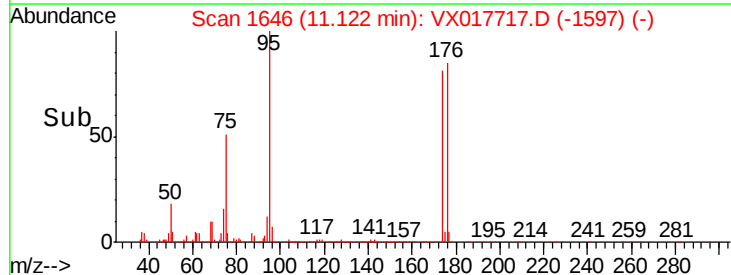
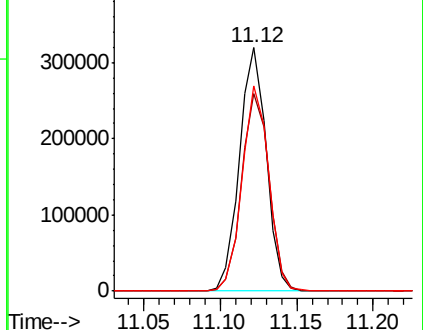
176 84.0 0.0 161.0

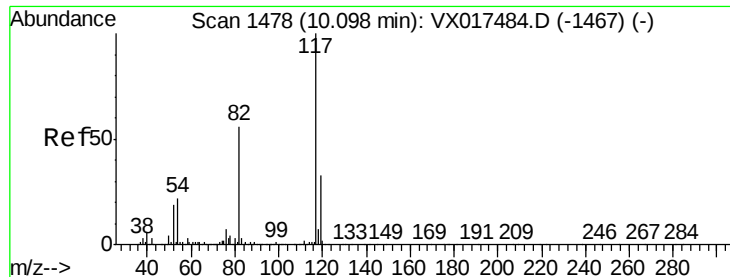


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

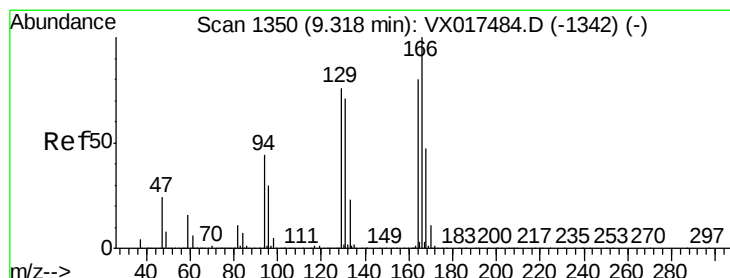
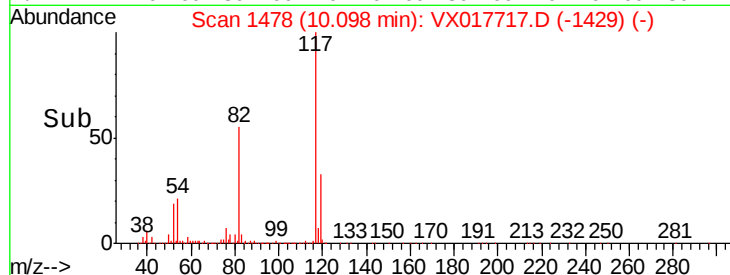
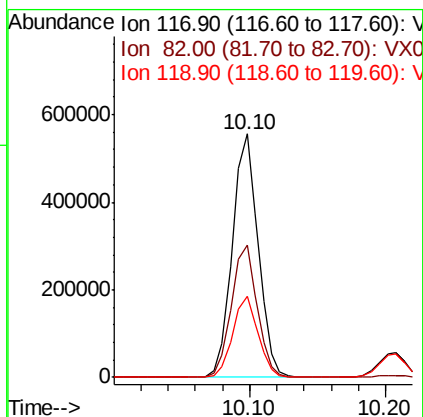
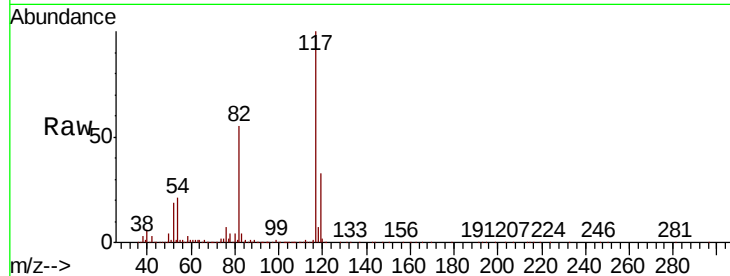




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

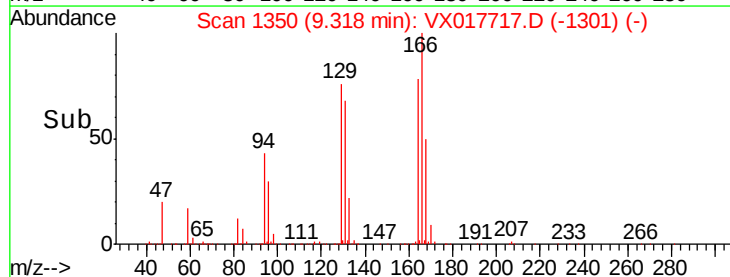
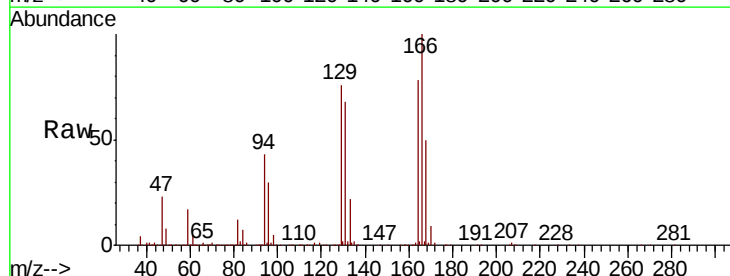
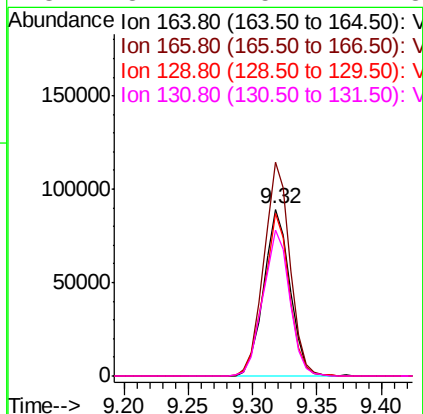
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

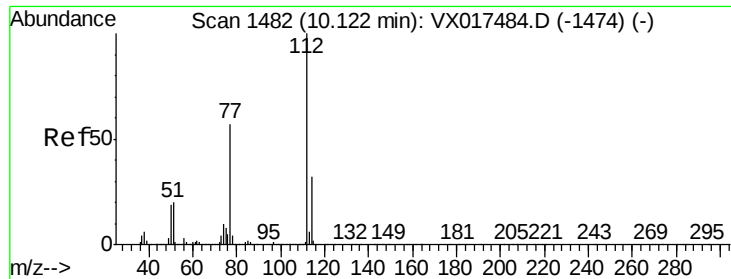
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.0	66.0
119	33.3	25.4	38.0



#64
Tetrachloroethene
Concen: 19.183 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.6	150.8
129	97.2	75.0	112.6
131	87.2	75.2	112.8





#65

Chlorobenzene

Concen: 18.611 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampled :

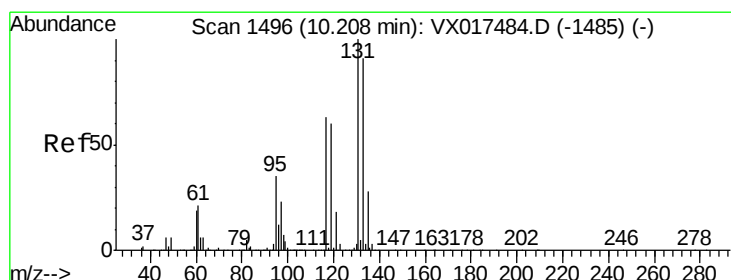
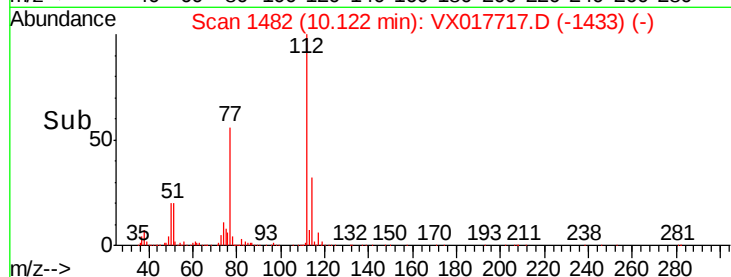
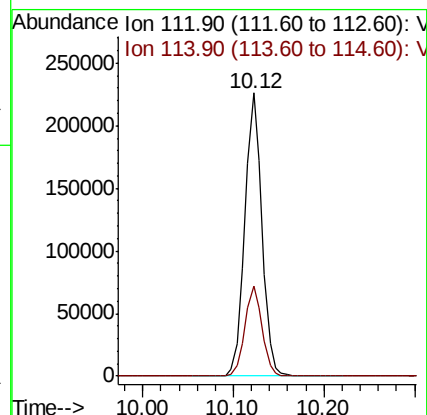
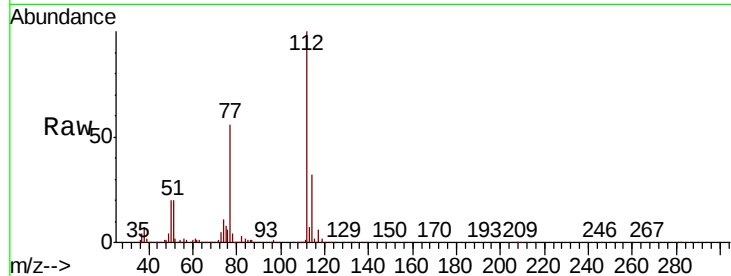
VX0731WBS02

Tot Ion:112 Resp: 295132

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.565 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

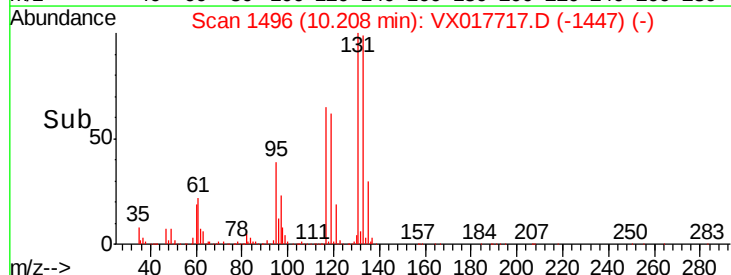
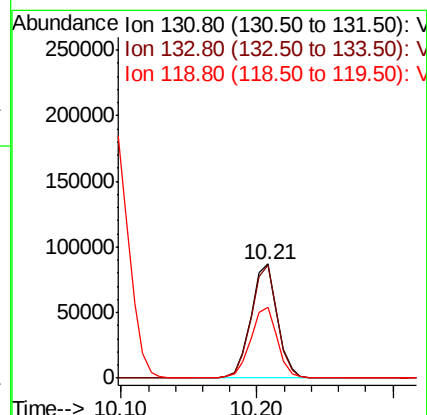
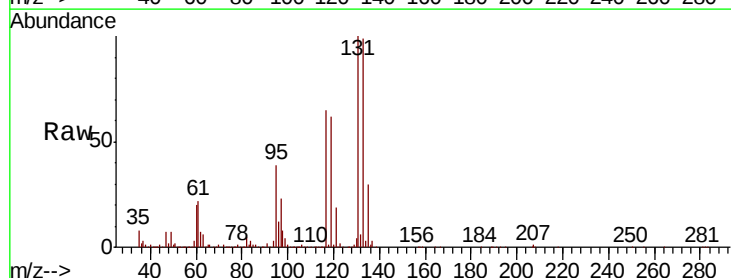
Tgt Ion:131 Resp: 118815

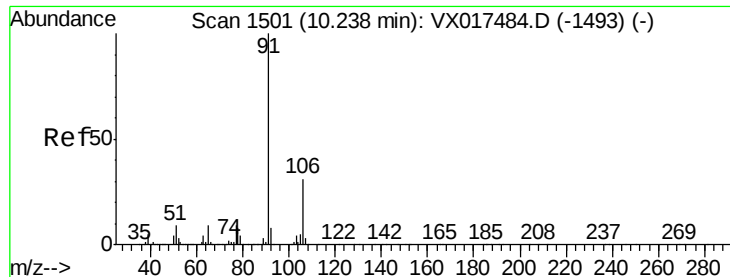
Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

119 63.8 31.1 93.3





#67

Ethyl Benzene

Concen: 18.269 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

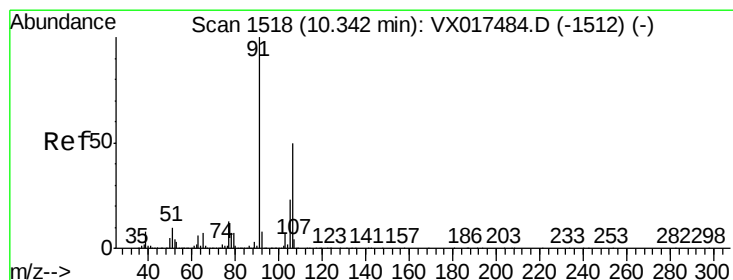
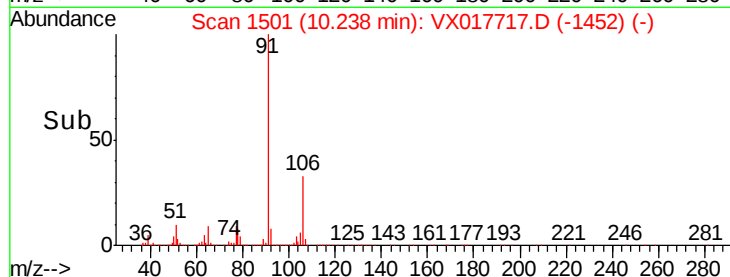
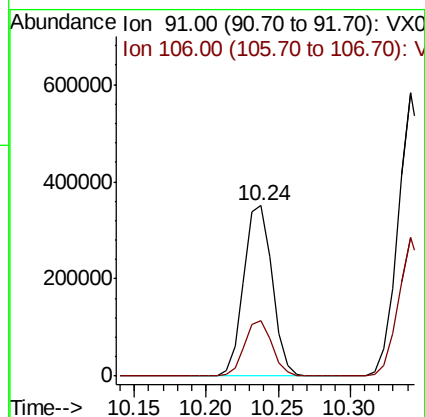
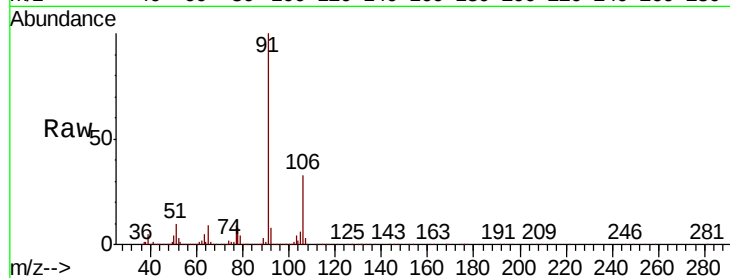
VX0731WBS02

Tot Ion: 91 Resp: 483609

Ion Ratio Lower Upper

91 100

106 32.9 25.8 38.6



#68

m/p-Xylenes

Concen: 36.396 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017717.D

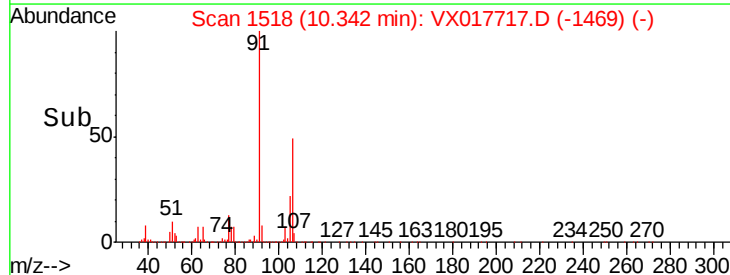
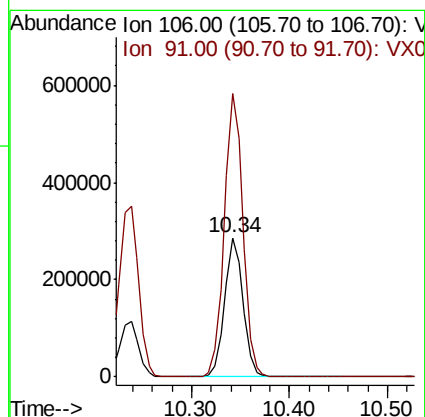
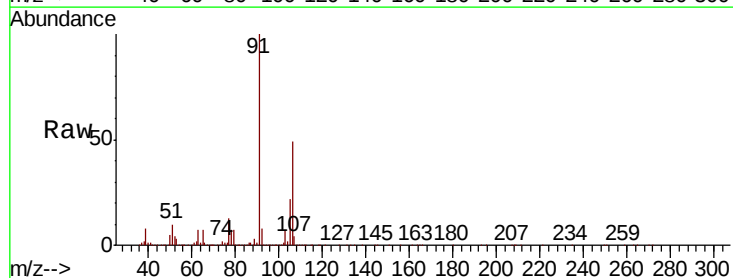
Acq: 31 Jul 2020 22:20

Tgt Ion: 106 Resp: 373235

Ion Ratio Lower Upper

106 100

91 206.0 160.9 241.3

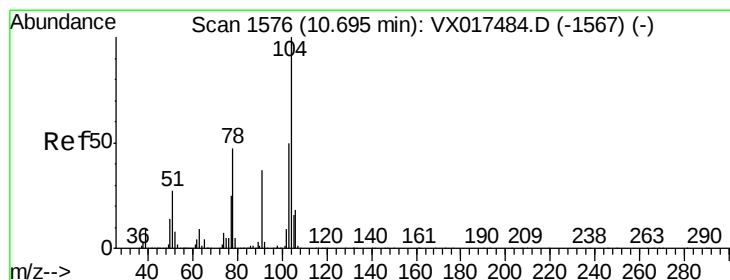
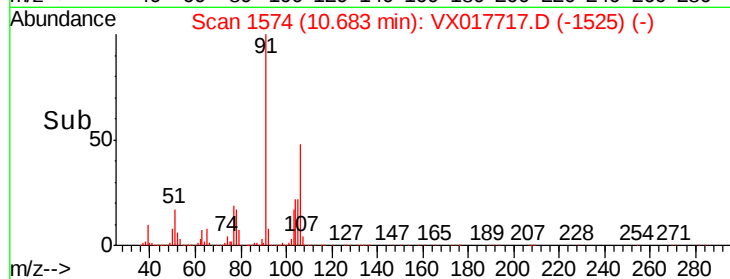
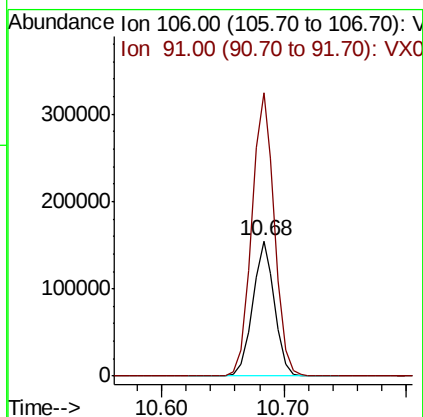
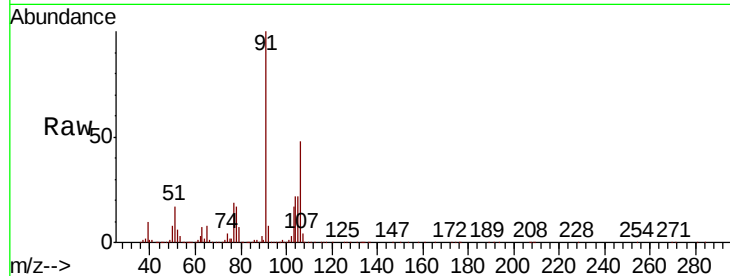




#69
o-Xylene
Concen: 19.522 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

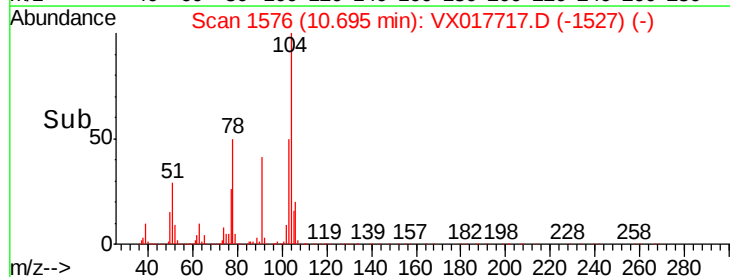
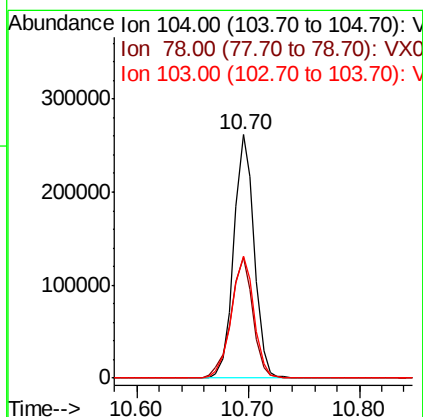
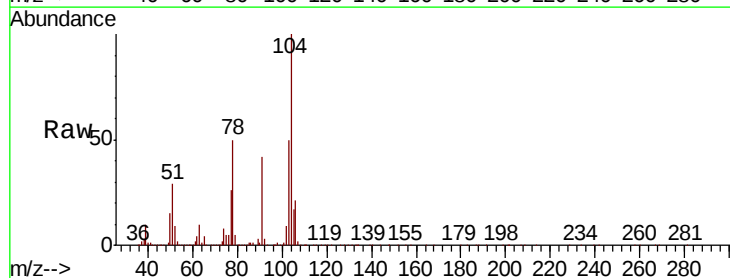
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion:106 Resp: 192541
Ion Ratio Lower Upper
106 100
91 217.2 108.2 324.6



#70
Styrene
Concen: 19.721 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion:104 Resp: 330928
Ion Ratio Lower Upper
104 100
78 53.7 42.5 63.7
103 55.1 44.3 66.5





#71

Bromoform

Concen: 19.841 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

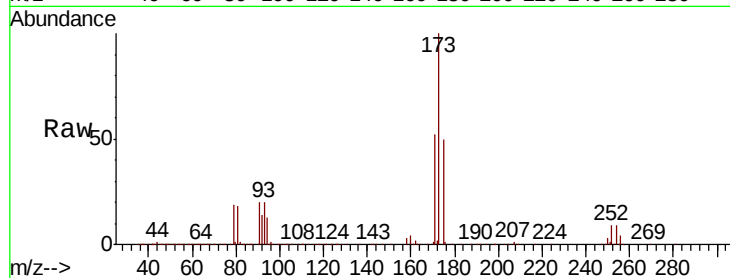
Tot Ion:173 Resp: 110014

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

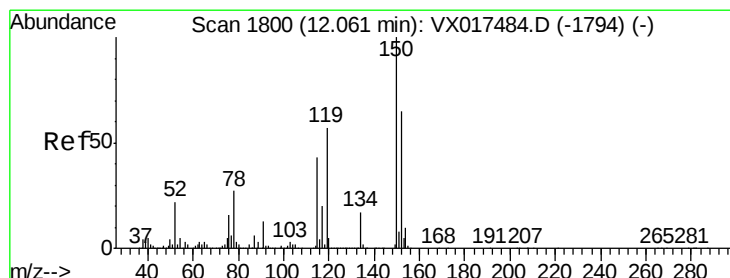
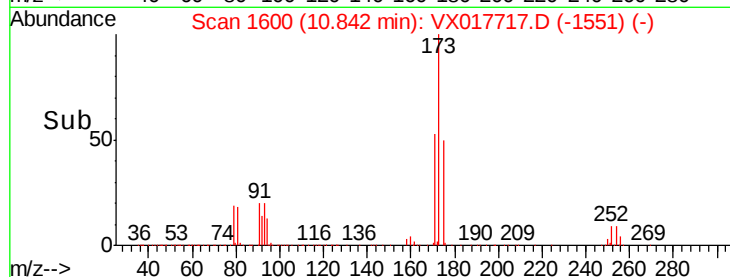
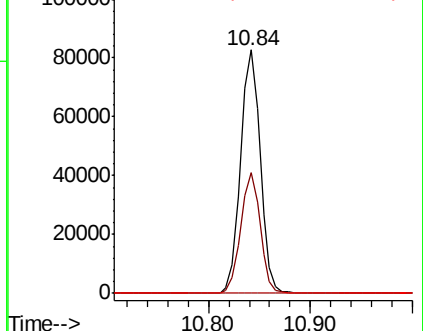
254 0.2 0.1 0.1#



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: VX017717.D

Acq: 31 Jul 2020 22:20

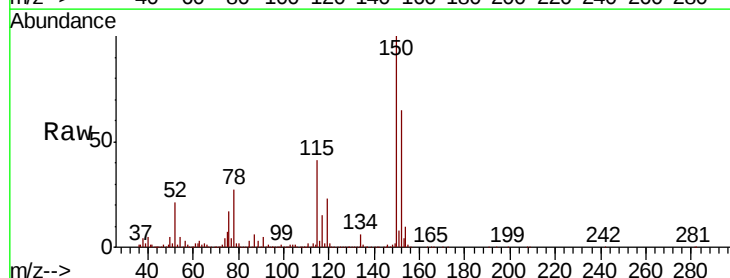
Tgt Ion:152 Resp: 394412

Ion Ratio Lower Upper

152 100

115 67.4 65.5 196.6

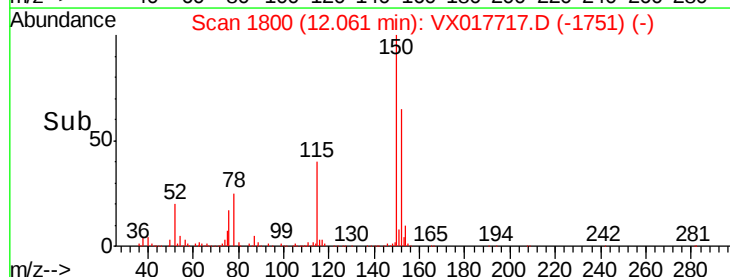
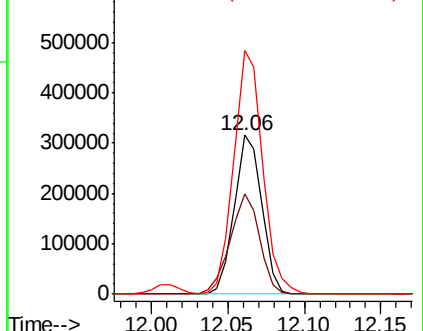
150 161.0 0.0 412.6

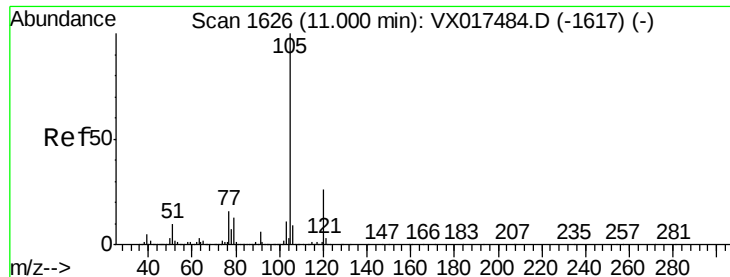


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.248 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

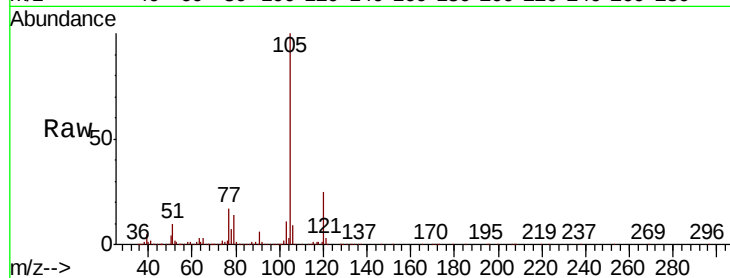
VX0731WBS02

Tot Ion:105 Resp: 520790

Ion Ratio Lower Upper

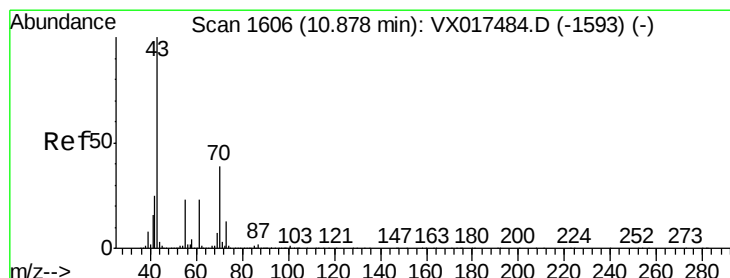
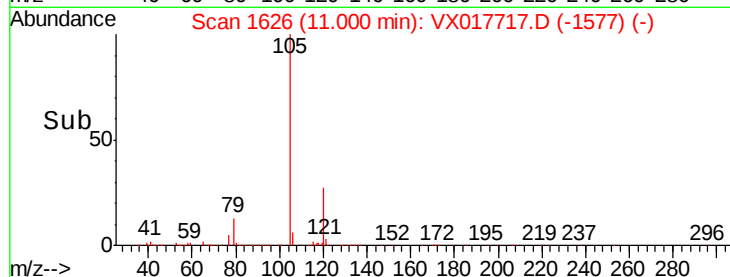
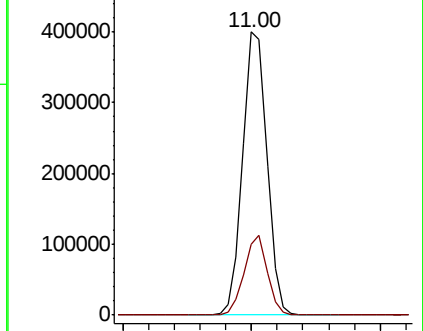
105 100

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: 18.748 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Tgt Ion: 43 Resp: 225386

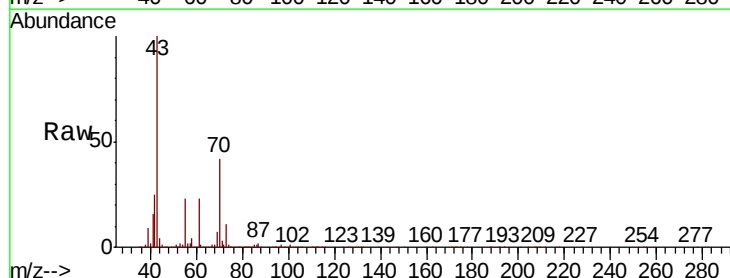
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 24.2 18.4 27.6

61 23.4 18.6 28.0

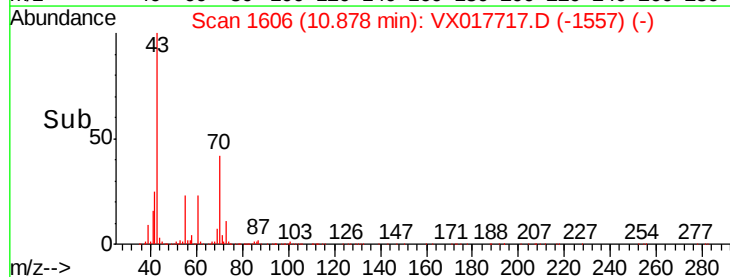
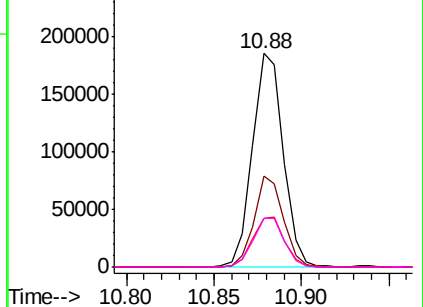


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.798 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

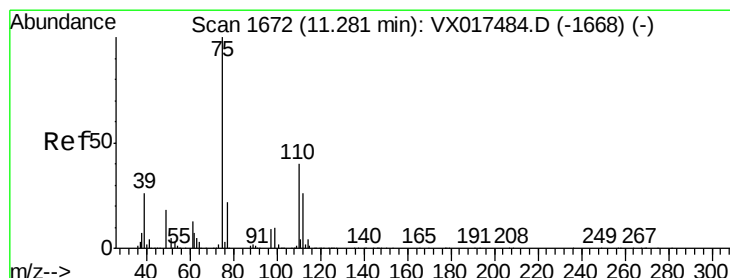
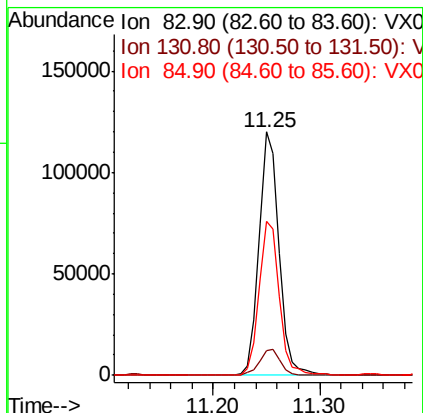
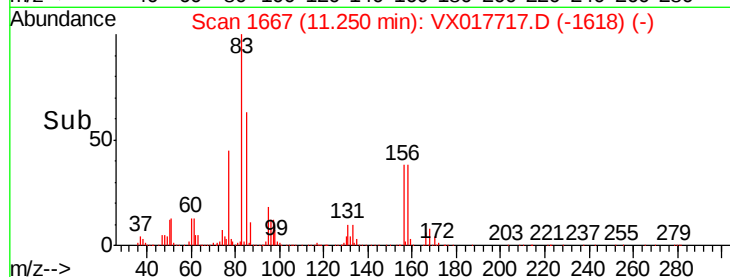
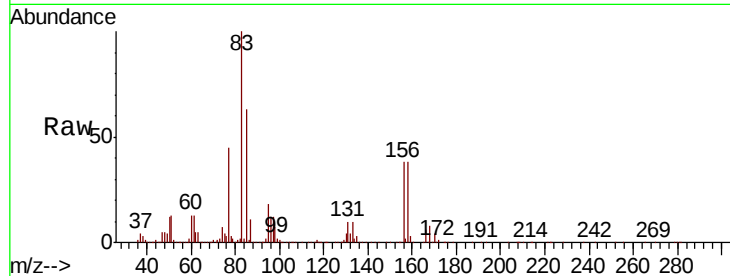
Tot Ion: 83 Resp: 158761

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

85 63.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 23.974 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017717.D

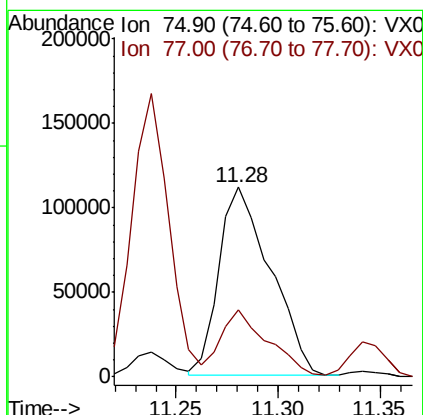
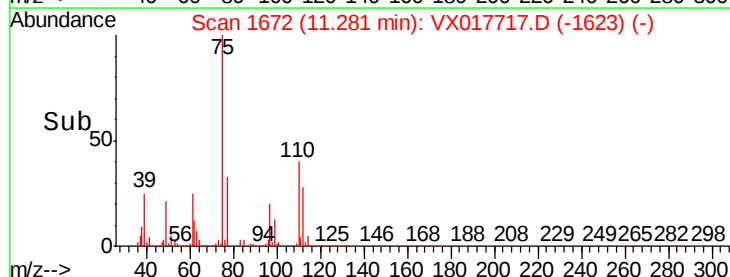
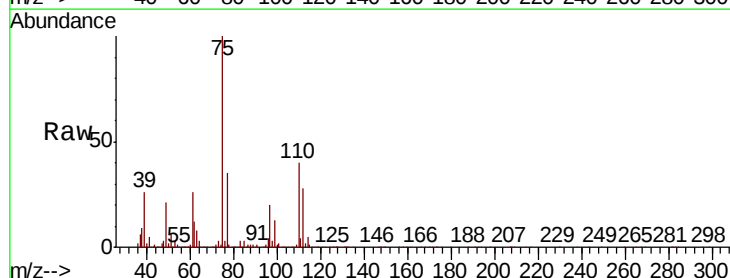
Acq: 31 Jul 2020 22:20

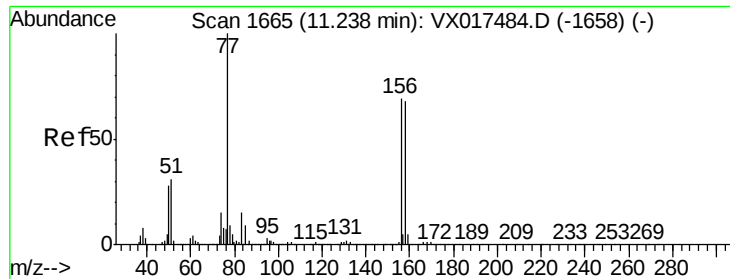
Tgt Ion: 75 Resp: 194509

Ion Ratio Lower Upper

75 100

77 32.7 21.8 65.3





#77

Bromobenzene

Concen: 18.531 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

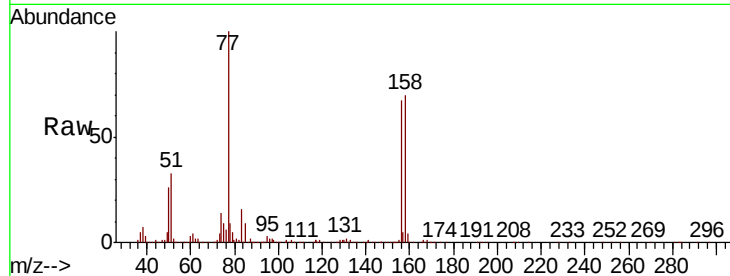
Tot Ion:156 Resp: 140370

Ion Ratio Lower Upper

156 100

77 151.8 75.0 225.0

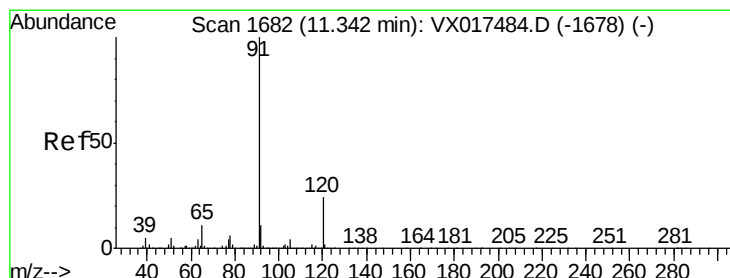
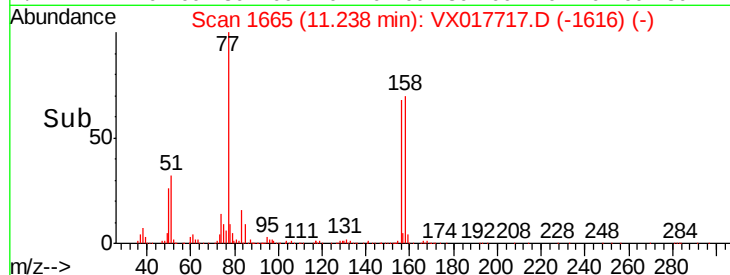
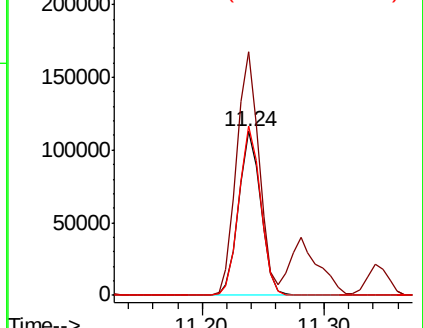
158 101.8 49.1 147.3



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: 18.730 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017717.D

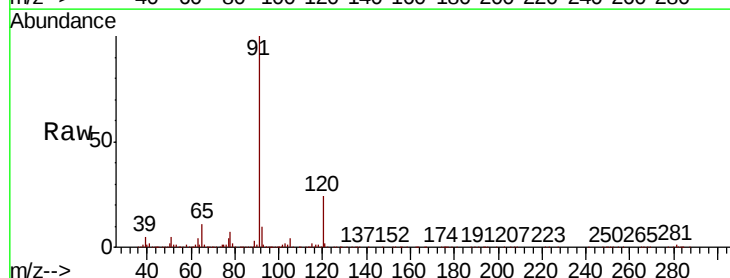
Acq: 31 Jul 2020 22:20

Tgt Ion: 91 Resp: 571560

Ion Ratio Lower Upper

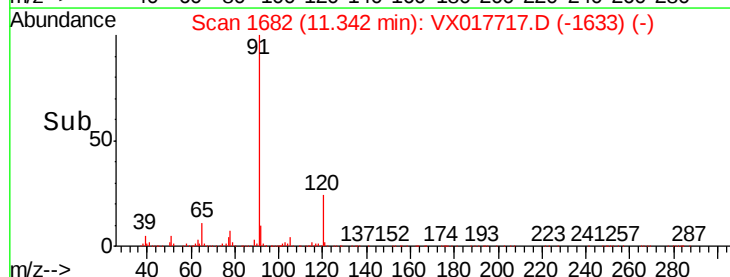
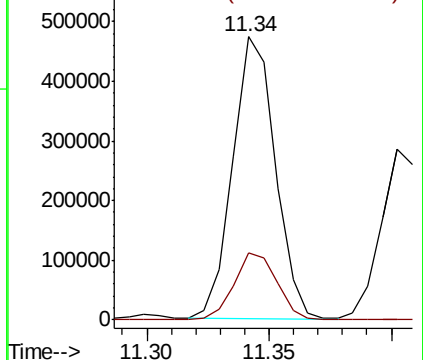
91 100

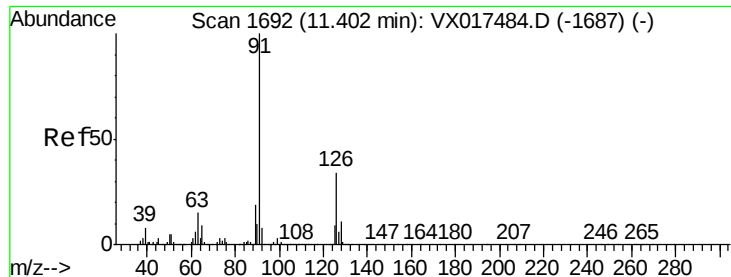
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

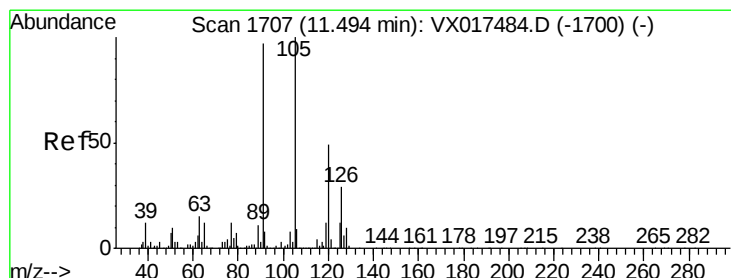
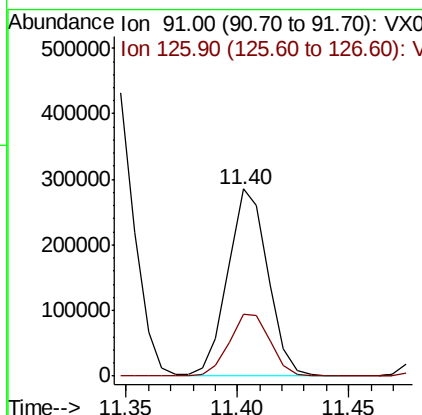
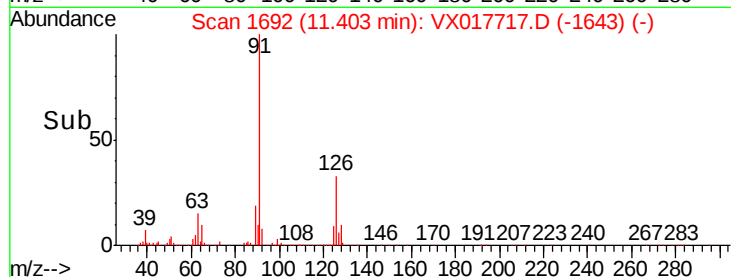
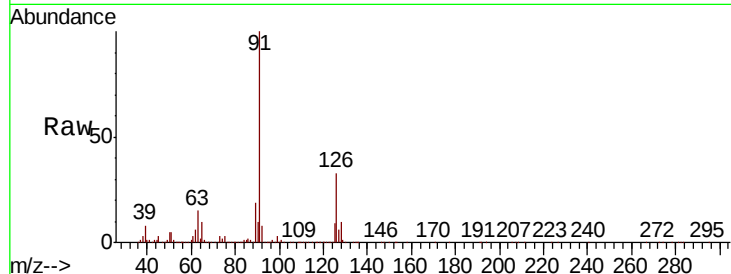




#79
2-Chlorotoluene
Concen: 18.820 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

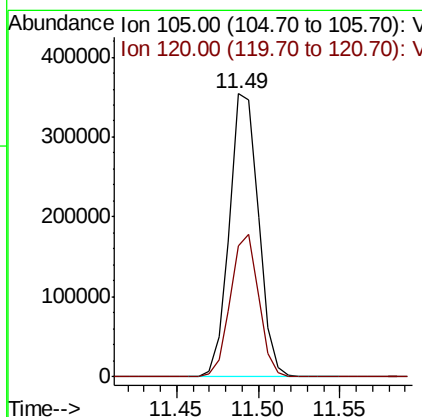
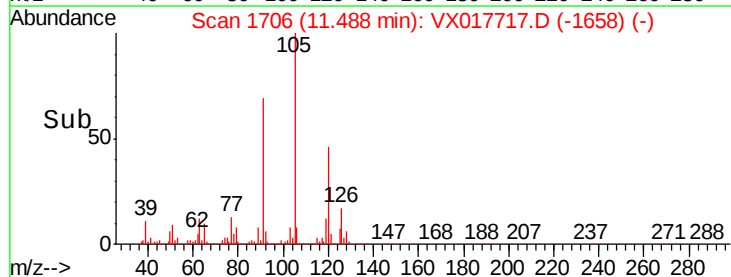
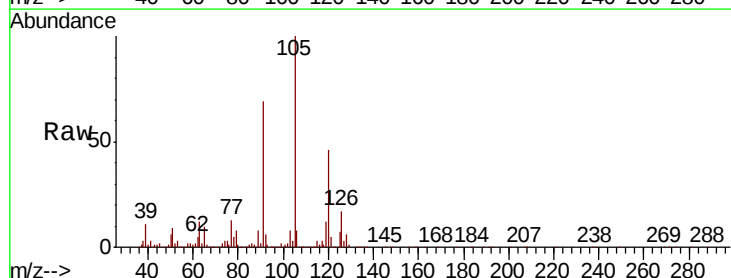
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tot Ion: 91 Resp: 355761
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.086 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 105 Resp: 440911
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.390 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

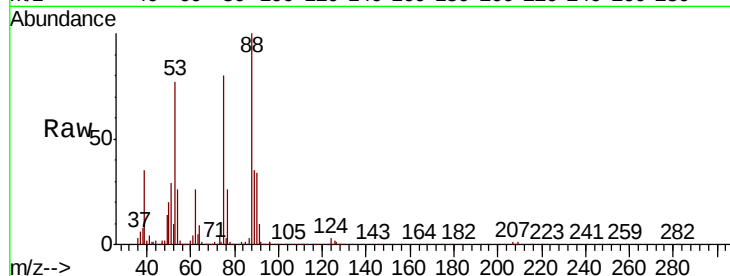
Tot Ion: 75 Resp: 55992

Ion Ratio Lower Upper

75 100

53 101.0 75.9 113.9

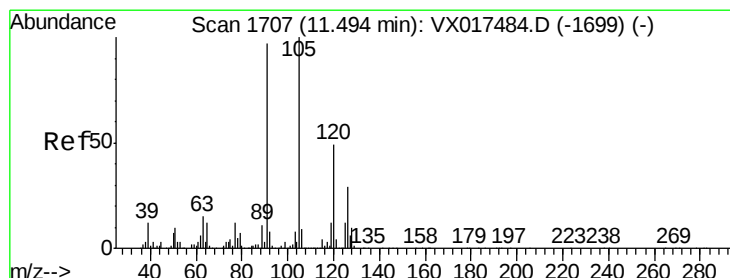
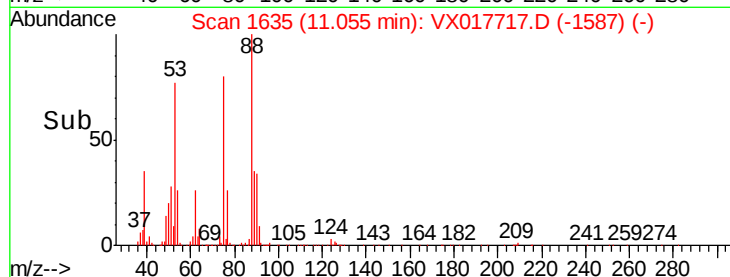
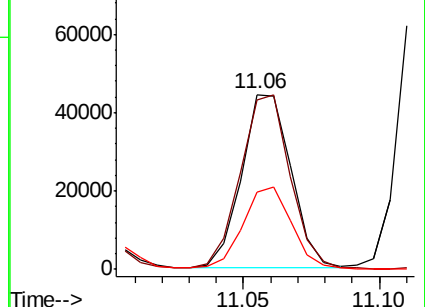
89 47.4 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.261 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017717.D

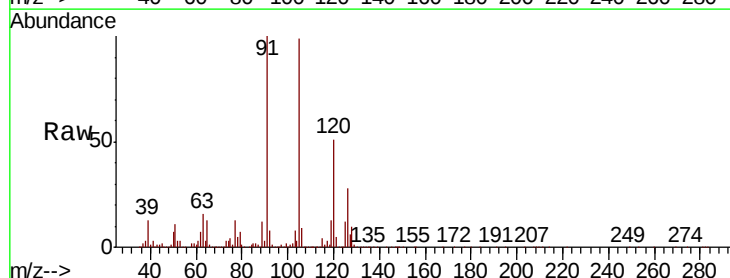
Acq: 31 Jul 2020 22:20

Tgt Ion: 91 Resp: 429510

Ion Ratio Lower Upper

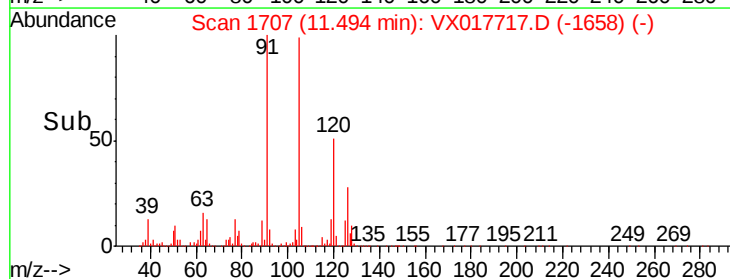
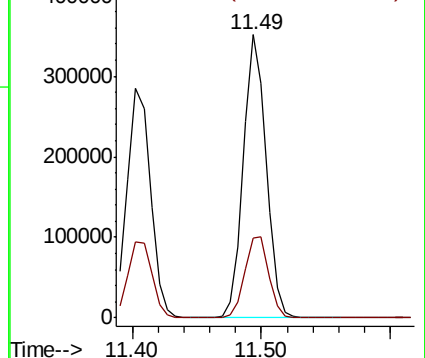
91 100

126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

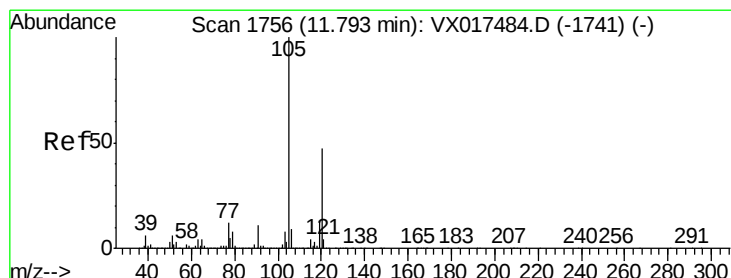
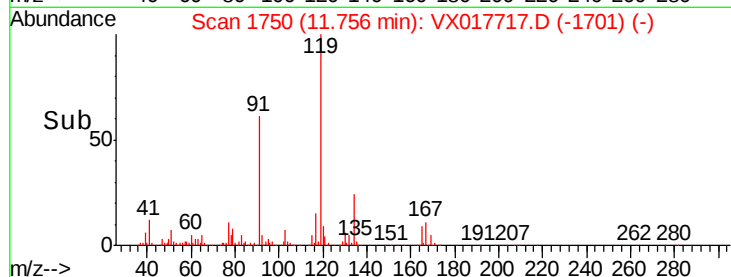
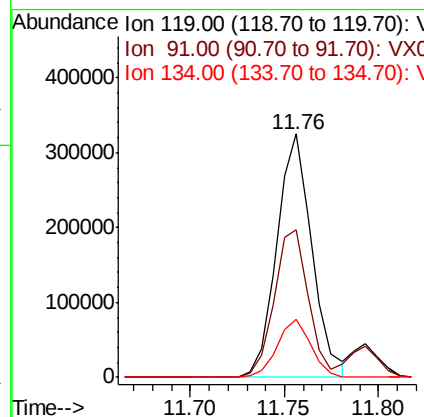
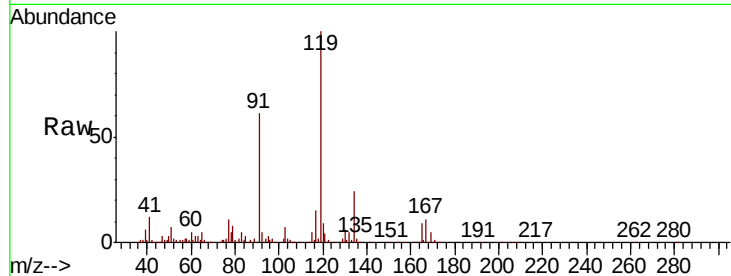




#83
 tert-Butylbenzene
 Concen: 18.930 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

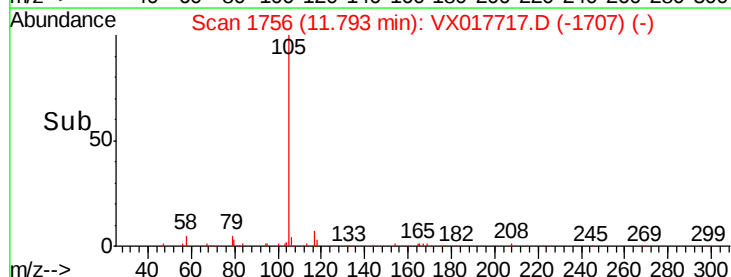
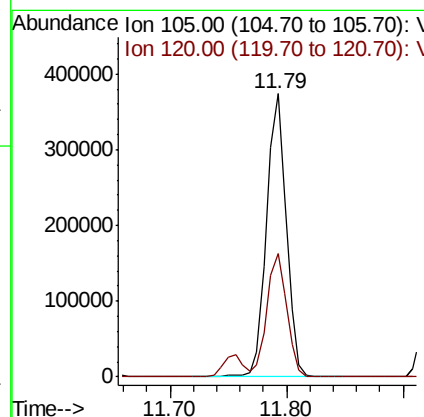
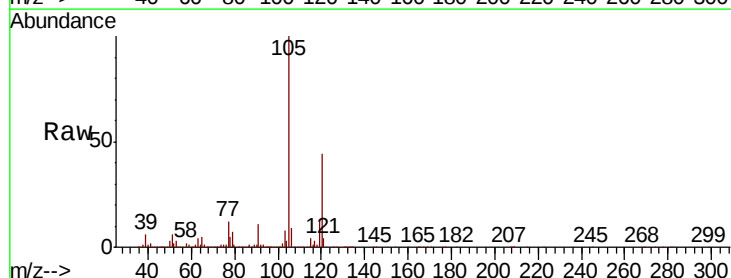
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

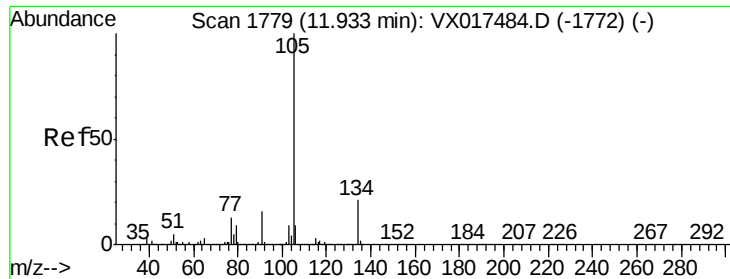
Tot Ion:119 Resp: 418446
 Ion Ratio Lower Upper
 119 100
 91 59.0 29.3 88.0
 134 22.9 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.408 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion:105 Resp: 445942
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.7 68.0

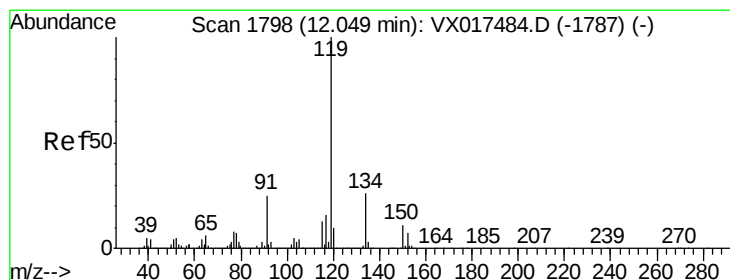
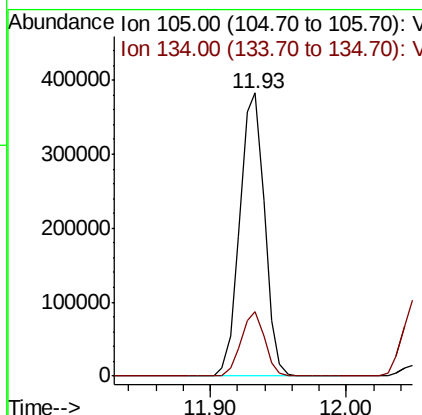
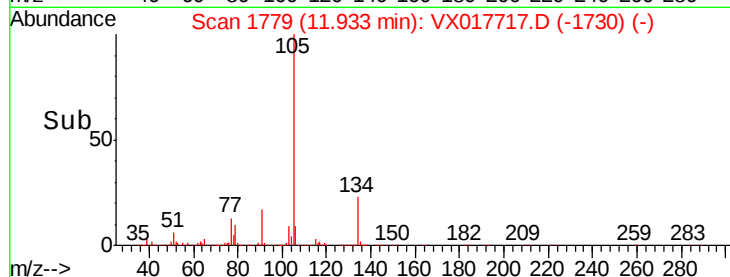
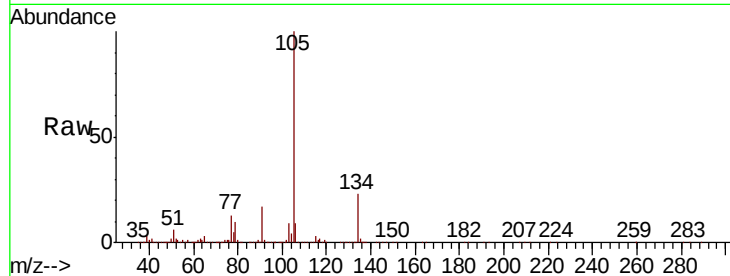




#85
 sec-Butylbenzene
 Concen: 18.836 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

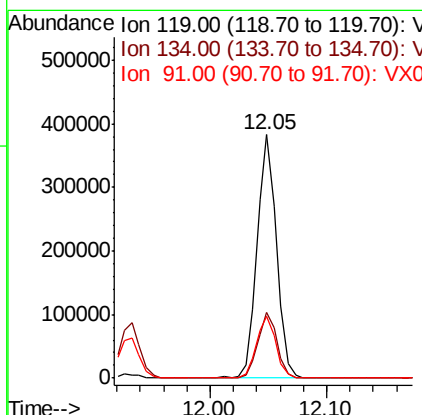
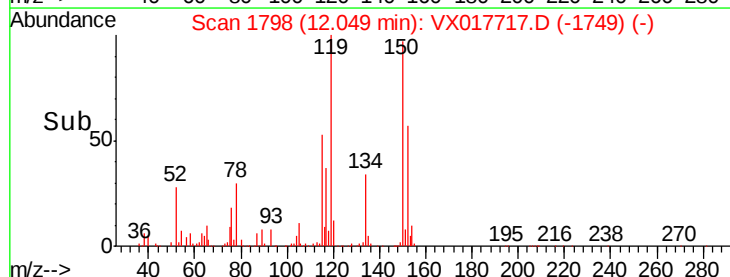
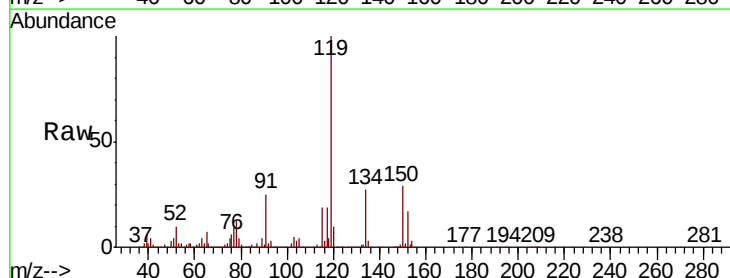
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

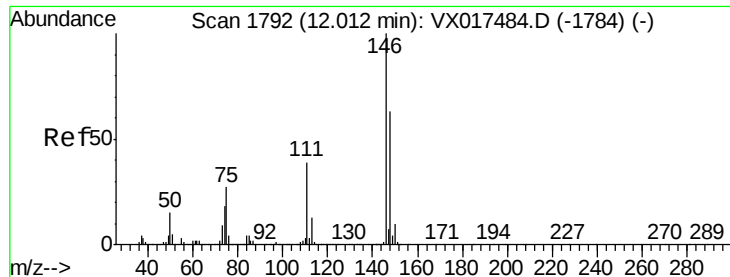
Tot Ion:105 Resp: 485030
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 18.028 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion:119 Resp: 442102
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 25.6 12.1 36.3

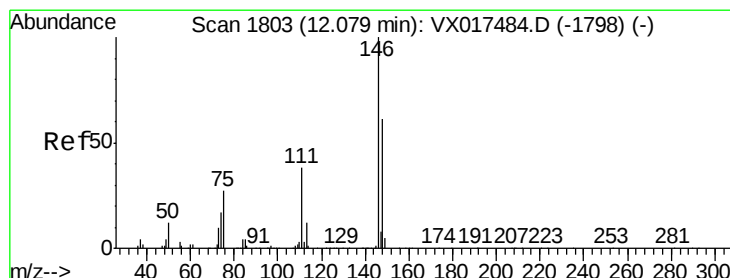
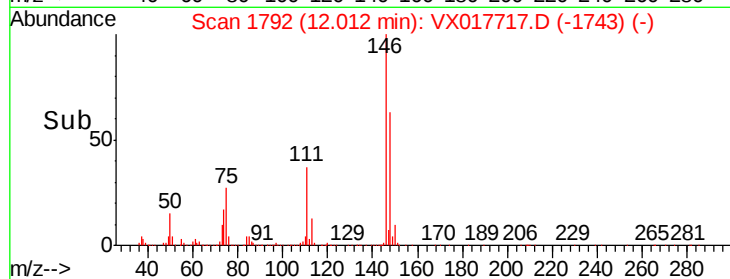
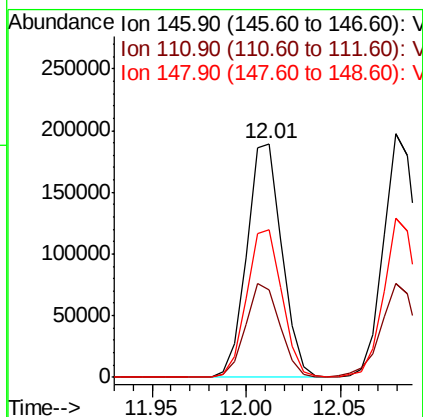
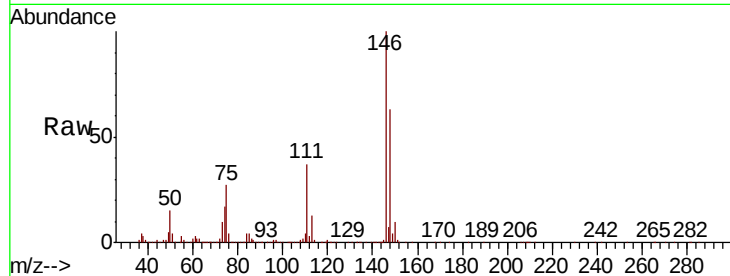




#87
 1,3-Dichlorobenzene
 Concen: 18.827 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

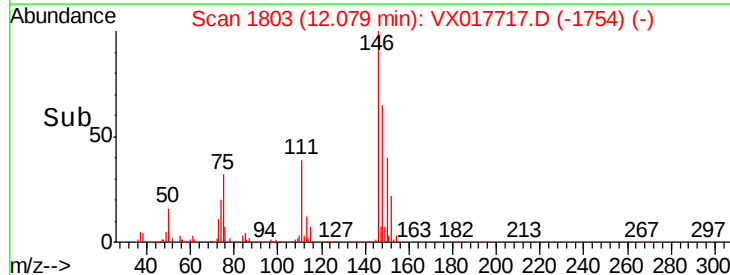
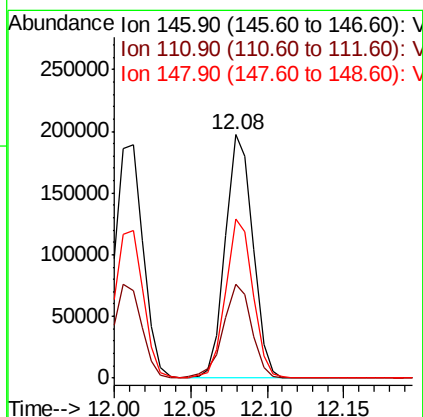
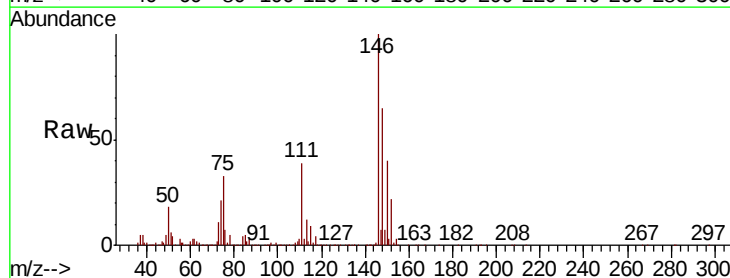
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	63.2	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.270 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	64.5	32.2	96.6

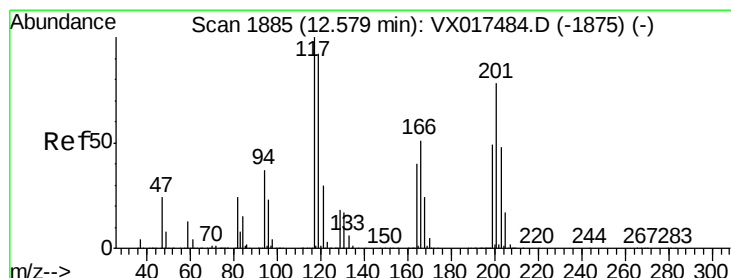
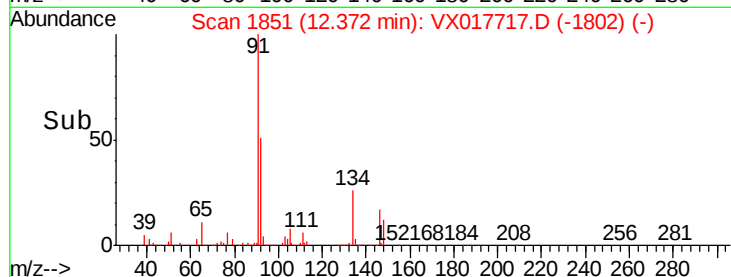
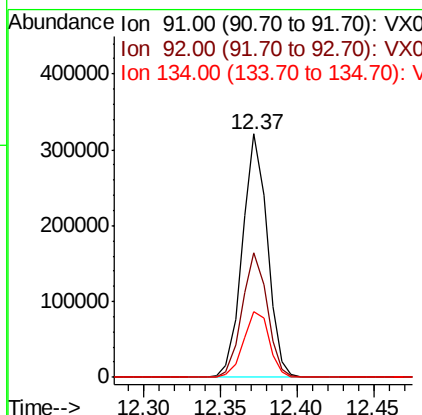
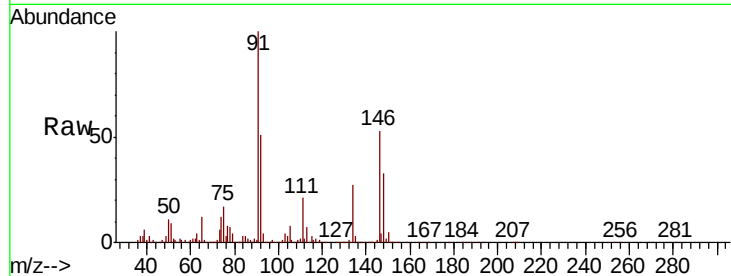




#89
n-Butylbenzene
Concen: 16.512 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

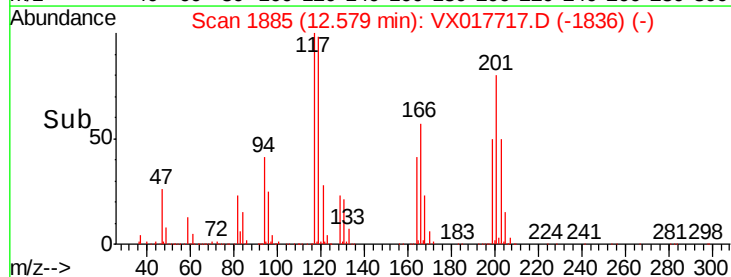
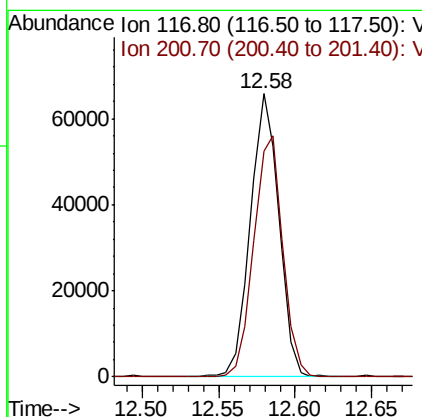
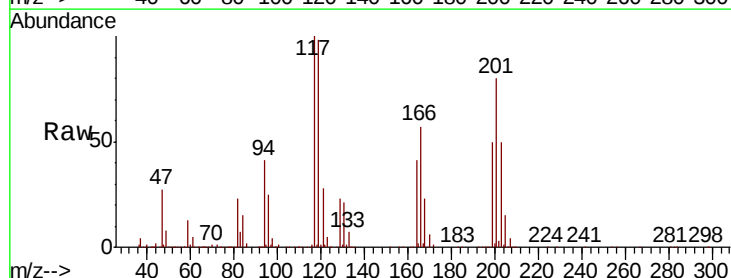
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

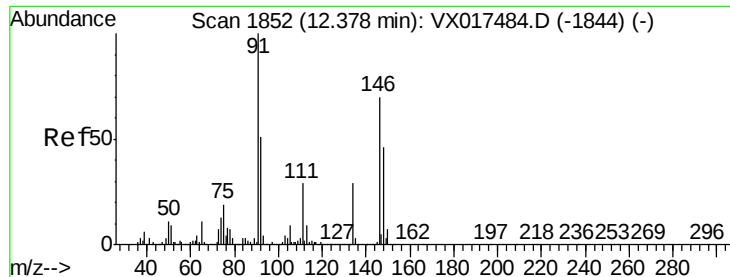
Tot Ion: 91 Resp: 360797
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 28.0 13.6 40.7



#90
Hexachloroethane
Concen: 17.646 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017717.D
Acq: 31 Jul 2020 22:20

Tgt Ion: 117 Resp: 85311
Ion Ratio Lower Upper
117 100
201 86.5 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 17.742 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

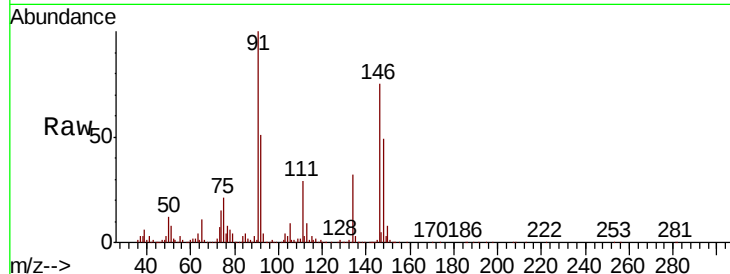
Tot Ion:146 Resp: 226826

Ion Ratio Lower Upper

146 100

111 40.2 20.9 62.8

148 63.5 32.8 98.4

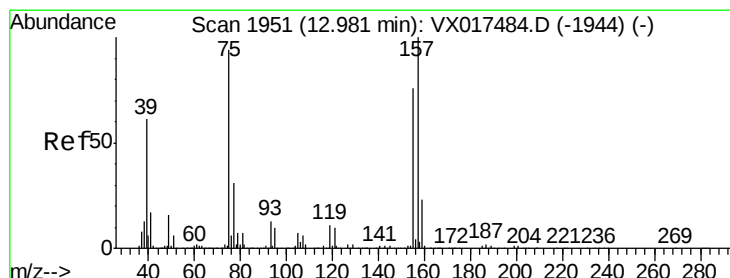
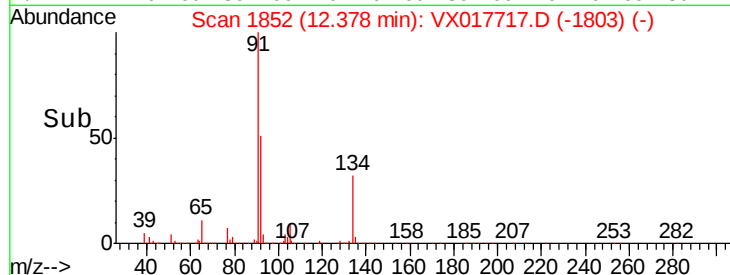
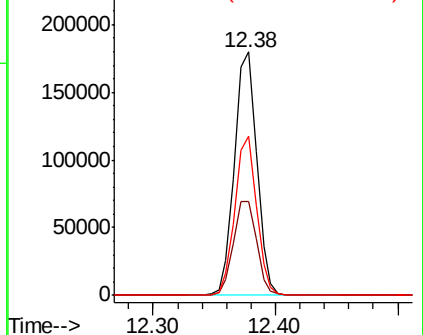


Abundance

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: 17.728 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

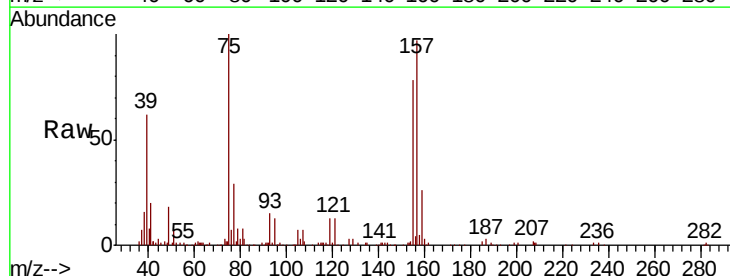
Tgt Ion: 75 Resp: 38153

Ion Ratio Lower Upper

75 100

155 88.2 42.3 126.8

157 110.4 54.3 162.9

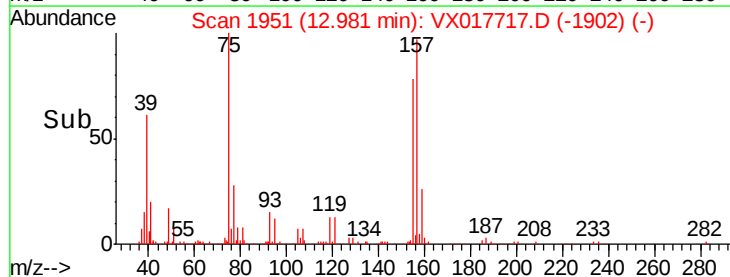
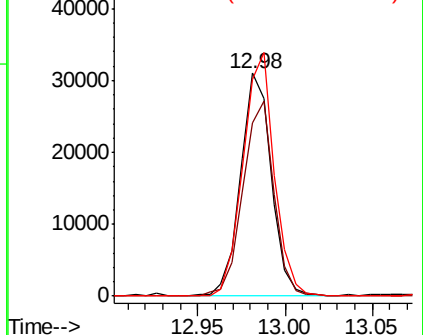


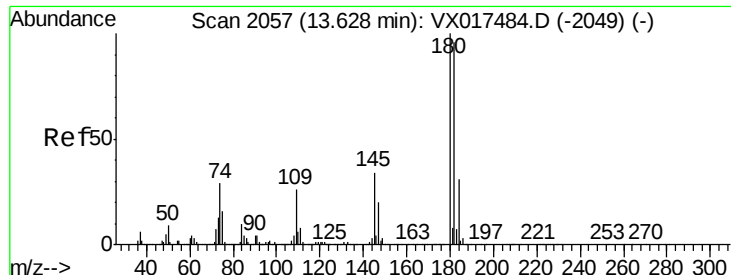
Abundance

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

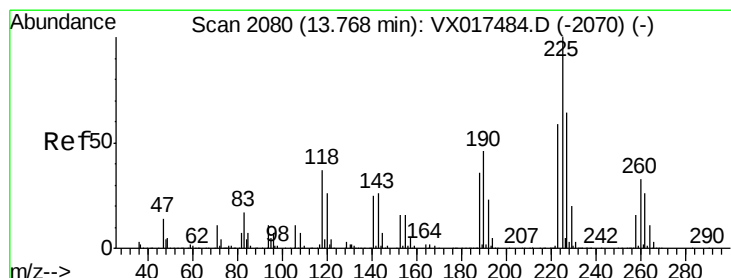
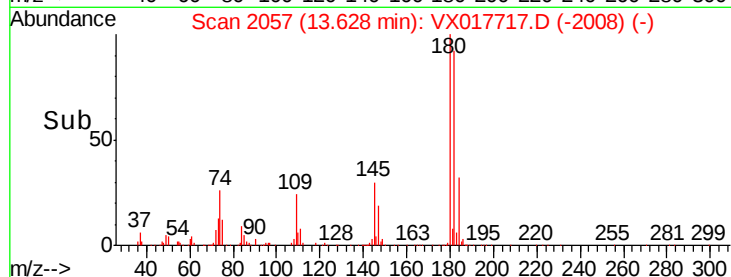
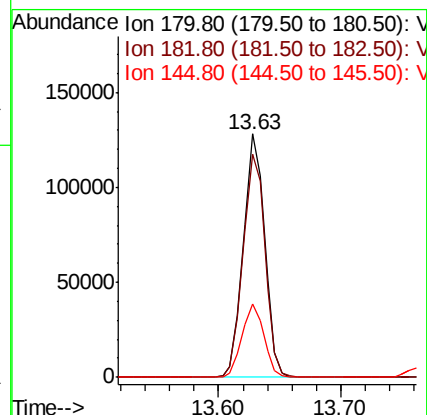
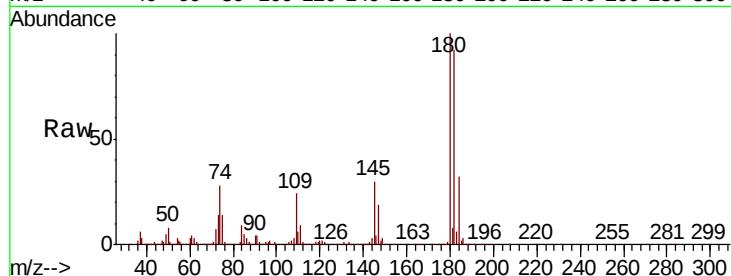




#93
 1,2,4-Trichlorobenzene
 Concen: 17.656 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

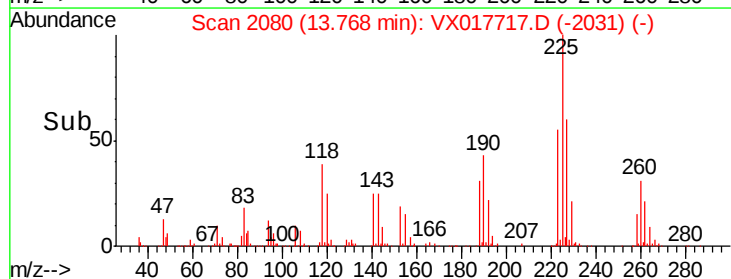
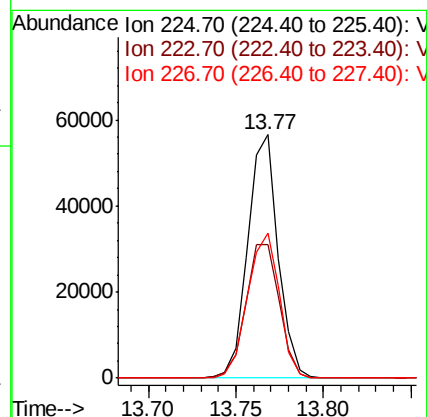
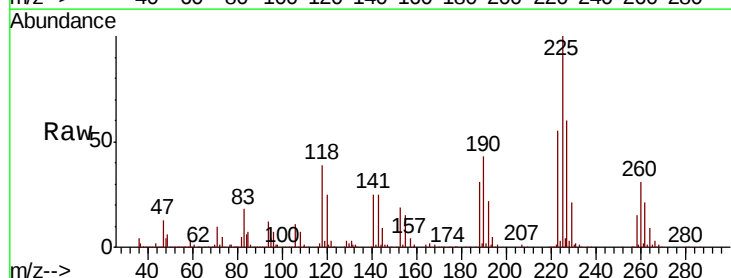
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

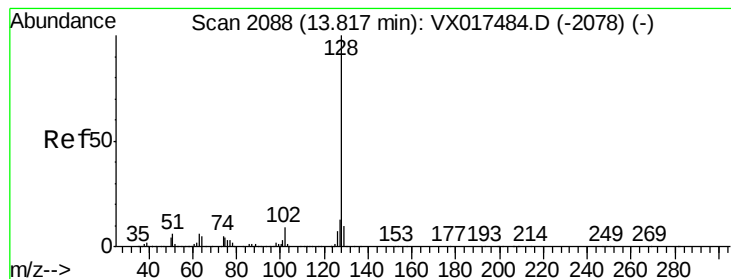
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	30.9	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 16.921 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017717.D
 Acq: 31 Jul 2020 22:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.3	90.9
227	62.6	31.1	93.2





#95

Naphthalene

Concen: 17.911 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

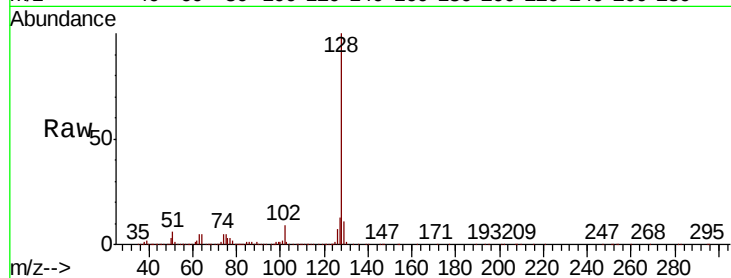
Tot Ion:128 Resp: 466523

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

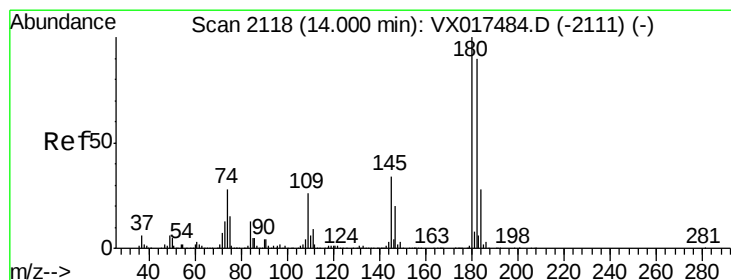
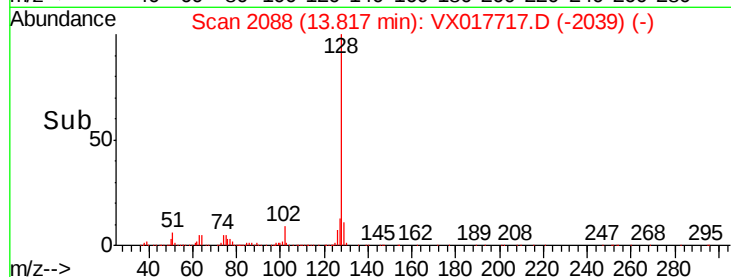
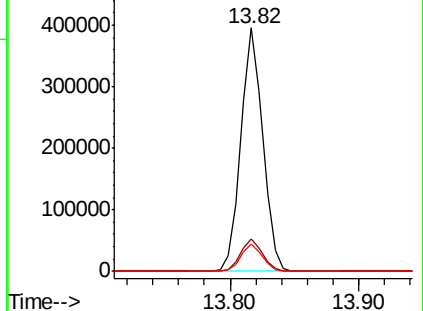
129 11.1 8.9 13.3



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: 18.134 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017717.D

Acq: 31 Jul 2020 22:20

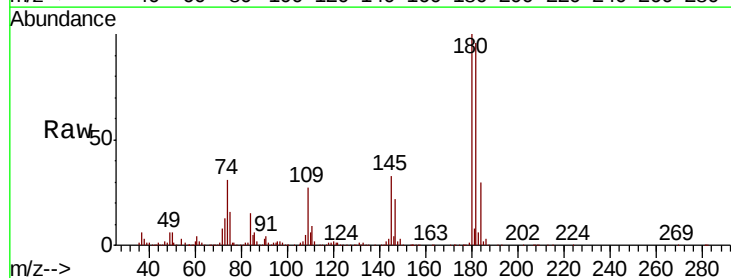
Tgt Ion:180 Resp: 156224

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 32.0 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

