

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017414.D
 Acq On : 17 Jul 2020 13:09
 Operator : JC/SP
 Sample : VX0717WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 06:56:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	462327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	207365	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	5.47	113	165728	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.70	98	593238	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.12	95	227576	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	55056	22.005	ug/l	98
3) Chloromethane	1.32	50	62788	22.291	ug/l	99
4) Vinyl Chloride	1.39	62	61105	21.929	ug/l	97
5) Bromomethane	1.63	94	43127	23.775	ug/l	100
6) Chloroethane	1.71	64	39822	22.641	ug/l	99
7) Trichlorofluoromethane	1.92	101	98707	20.988	ug/l	96
8) Diethyl Ether	2.17	74	37855	22.770	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58174	21.714	ug/l	98
10) Methyl Iodide	2.50	142	69550	21.031	ug/l	98
11) Tert butyl alcohol	3.01	59	74667	119.423	ug/l	98
12) 1,1-Dichloroethene	2.36	96	54169	20.132	ug/l	95
13) Acrolein	2.28	56	12086	35.263	ug/l	95
14) Allyl chloride	2.71	41	109385	23.461	ug/l	95
15) Acrylonitrile	3.12	53	188181	124.158	ug/l	99
16) Acetone	2.42	43	159056	120.141	ug/l	98
17) Carbon Disulfide	2.55	76	168849	21.511	ug/l	99
18) Methyl Acetate	2.75	43	83217	25.449	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	210926	23.086	ug/l	99
20) Methylene Chloride	2.84	84	77943	24.130	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	66532	21.611	ug/l	98
22) Diisopropyl ether	3.82	45	222967	25.106	ug/l	97
23) Vinyl Acetate	3.79	43	976826	125.063	ug/l	99
24) 1,1-Dichloroethane	3.67	63	120820	23.148	ug/l	98
25) 2-Butanone	4.64	43	258072	122.730	ug/l	99
26) 2,2-Dichloropropane	4.56	77	102029	21.004	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	73759	21.848	ug/l	98
28) Bromochloromethane	4.98	49	62503	25.922	ug/l	94
29) Tetrahydrofuran	5.09	42	167082	122.750	ug/l	97
30) Chloroform	5.18	83	129069	22.984	ug/l	98
31) Cyclohexane	5.54	56	93121	21.794	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	111952	21.565	ug/l	99
36) 1,1-Dichloropropene	5.77	75	87387	20.549	ug/l	100
37) Ethyl Acetate	4.79	43	101393	23.055	ug/l	99
38) Carbon Tetrachloride	5.75	117	98966	19.877	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 06:56:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87611	18.971	ug/l	93
40) Benzene	6.12	78	267109	21.856	ug/l	99
41) Methacrylonitrile	5.00	41	53309	22.579	ug/l	98
42) 1,2-Dichloroethane	6.17	62	104751	22.061	ug/l	100
43) Isopropyl Acetate	6.42	43	156541	22.276	ug/l	100
44) Trichloroethene	7.19	130	75542	20.236	ug/l	97
45) 1,2-Dichloropropane	7.49	63	72010	23.027	ug/l	98
46) Dibromomethane	7.64	93	50859	22.551	ug/l	93
47) Bromodichloromethane	7.87	83	103212	21.890	ug/l	99
48) Methyl methacrylate	7.75	41	78583	23.303	ug/l	96
49) 1,4-Dioxane	7.71	88	31489	456.291	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	517109	120.681	ug/l	98
52) Toluene	8.76	92	166960	21.289	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	107426	21.148	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	118703	21.910	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	72720	22.236	ug/l	95
56) Ethyl methacrylate	9.16	69	99975	21.532	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120928	22.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	273980	116.216	ug/l	97
59) 2-Hexanone	9.47	43	383064	118.446	ug/l	96
60) Dibromochloromethane	9.57	129	83405	20.876	ug/l	100
61) 1,2-Dibromoethane	9.65	107	77624	21.819	ug/l	99
64) Tetrachloroethene	9.32	164	71336	18.165	ug/l	95
65) Chlorobenzene	10.12	112	185818	20.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	72714	19.807	ug/l	98
67) Ethyl Benzene	10.23	91	302506	19.707	ug/l	95
68) m/p-Xylenes	10.34	106	237072	40.591	ug/l	99
69) o-Xylene	10.68	106	110929	19.877	ug/l	99
70) Styrene	10.70	104	198790	20.751	ug/l	99
71) Bromoform	10.84	173	61869	19.972	ug/l	99
73) Isopropylbenzene	11.00	105	302361	19.641	ug/l	100
74) N-amyl acetate	10.88	43	132181	21.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	107444	22.987	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	127046	27.997	ug/l	87
77) Bromobenzene	11.24	156	83640	19.076	ug/l	93
78) n-propylbenzene	11.34	91	345206	19.967	ug/l	100
79) 2-Chlorotoluene	11.40	91	216480	20.319	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	258827	19.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	35458	19.822	ug/l	95
82) 4-Chlorotoluene	11.49	91	256781	20.336	ug/l	98
83) tert-Butylbenzene	11.76	119	242187	19.172	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	263499	19.959	ug/l	99
85) sec-Butylbenzene	11.93	105	285780	19.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	268054	19.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	149449	19.054	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	151770	19.152	ug/l	96
89) n-Butylbenzene	12.37	91	231281	19.380	ug/l	98
90) Hexachloroethane	12.58	117	53476	20.129	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	146446	19.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23986	19.448	ug/l	91

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Instrument :
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ClientSampleId :

Quant Time: Jul 18 06:56:11 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

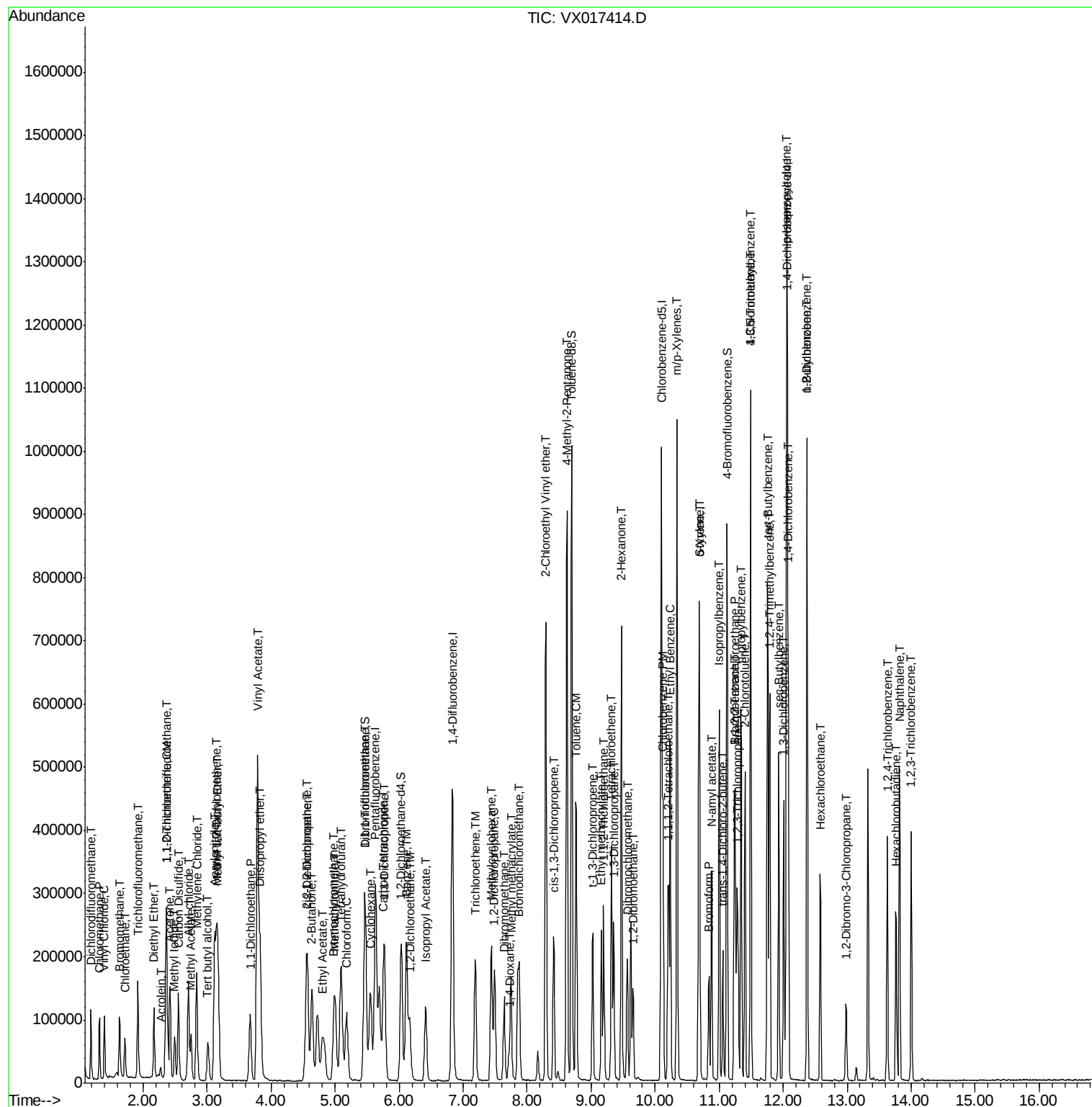
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91267	17.838	ug/l	97
94) Hexachlorobutadiene	13.77	225	37690	18.063	ug/l	97
95) Naphthalene	13.82	128	293840	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	92465	18.708	ug/l	98

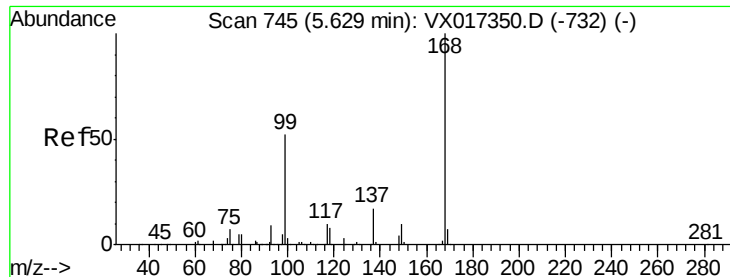
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX071720\
Data File : VX017414.D
Acq On : 17 Jul 2020 13:09
Operator : JC/SP
Sample : VX0717WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 18 06:56:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

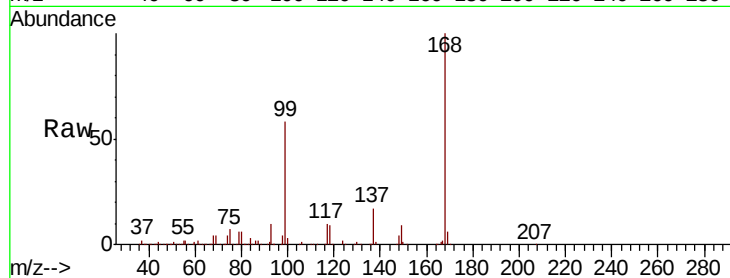
ClientSampled :

Tot Ion:168 Resp: 295675

Ion Ratio Lower Upper

168 100

99 57.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

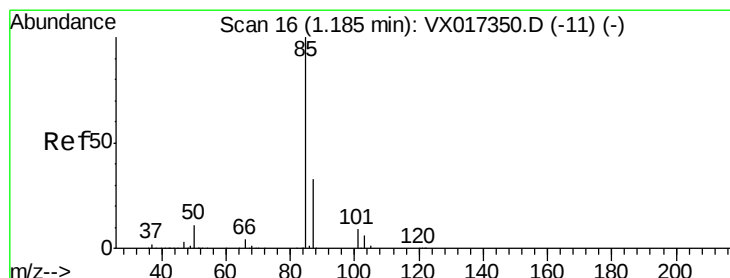
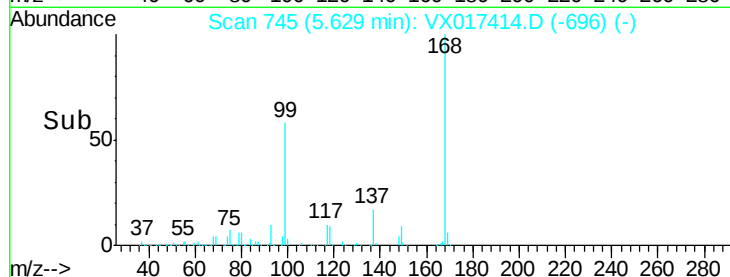
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.005 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017414.D

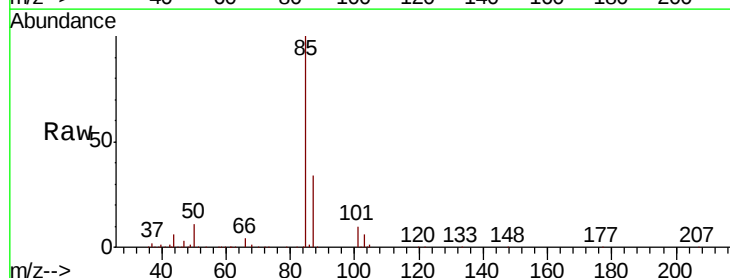
Acq: 17 Jul 2020 13:09

Tgt Ion: 85 Resp: 55056

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

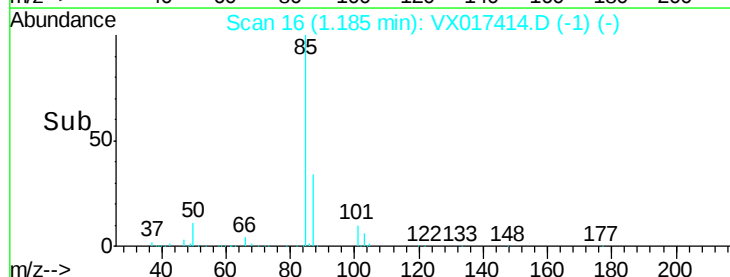
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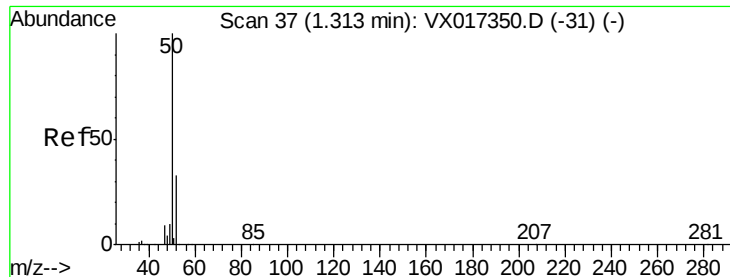
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Time-->

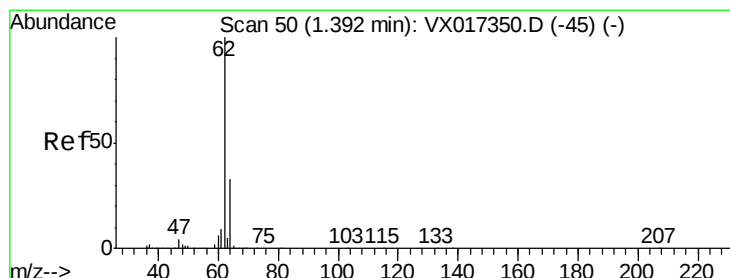
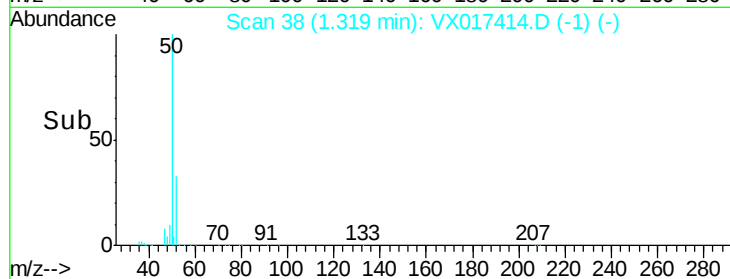
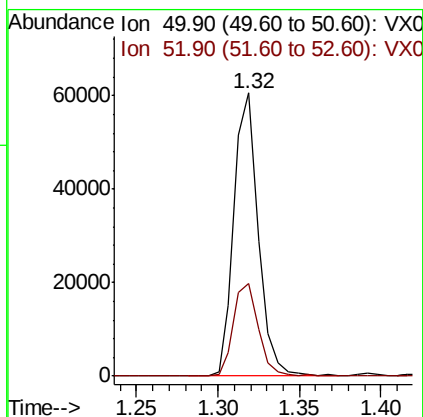
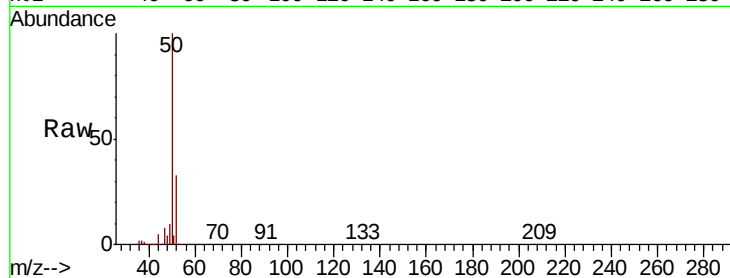




#3
Chloromethane
Concen: 22.291 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

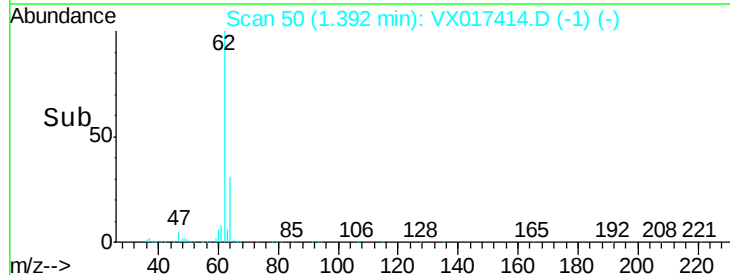
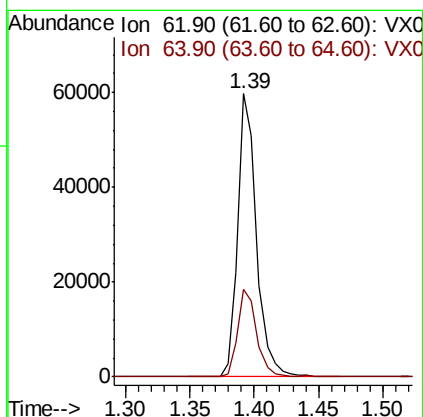
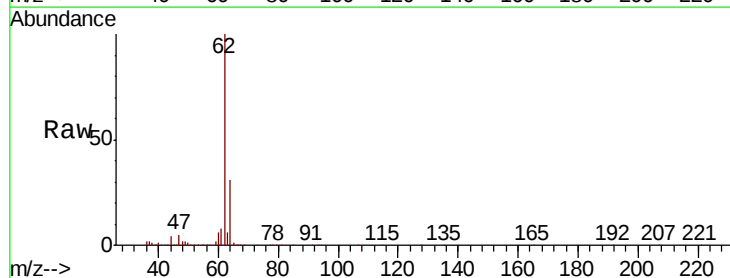
Instrument :
MSVOA_X
ClientSampleId :

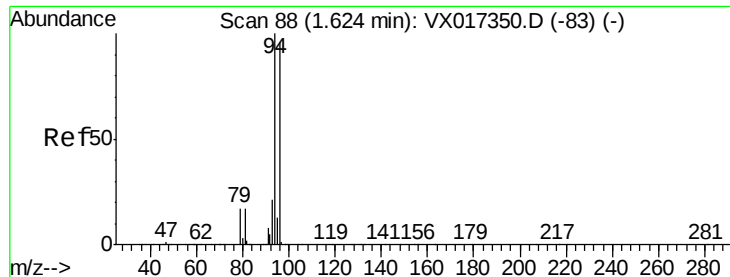
Tot Ion: 50 Resp: 62788
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 21.929 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 62 Resp: 61105
Ion Ratio Lower Upper
62 100
64 30.9 26.3 39.5





#5

Bromomethane

Concen: 23.775 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

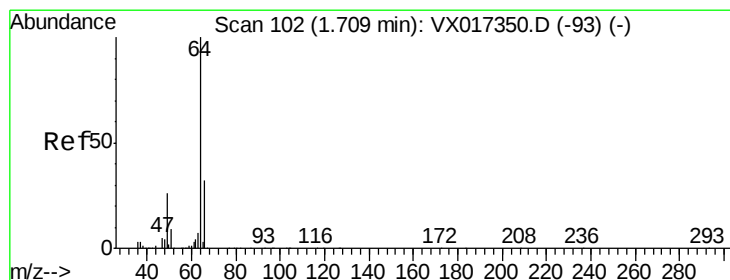
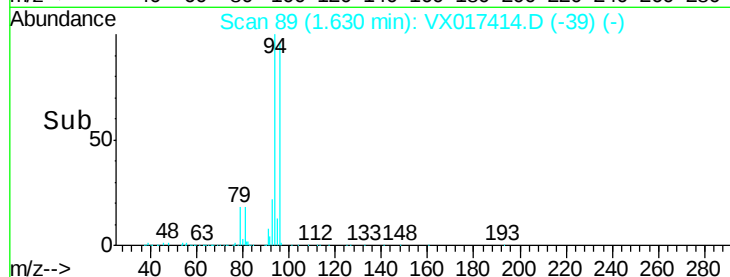
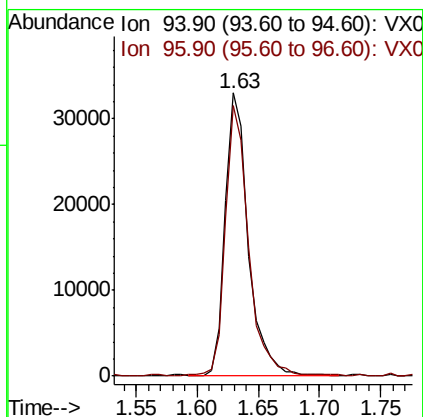
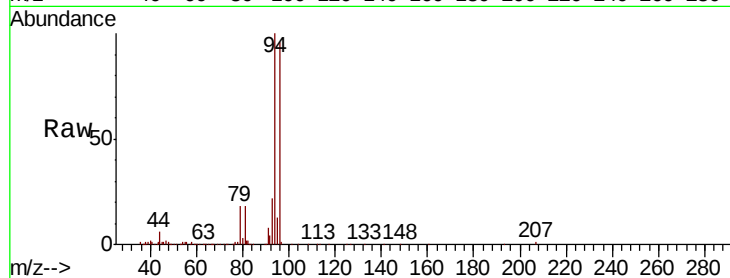
ClientSampleId :

Tot Ion: 94 Resp: 43127

Ion Ratio Lower Upper

94 100

96 95.5 76.6 115.0



#6

Chloroethane

Concen: 22.641 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017414.D

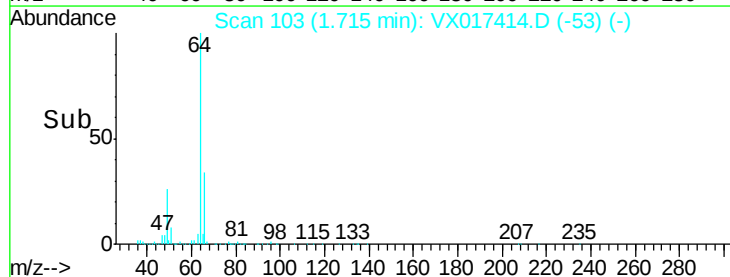
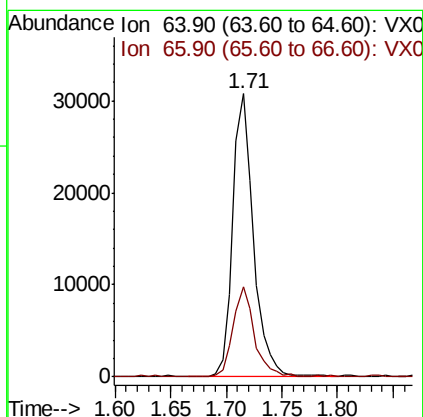
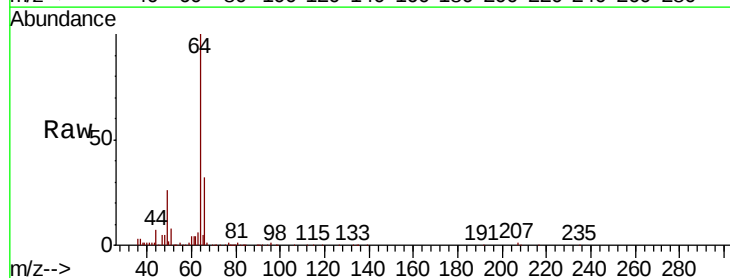
Acq: 17 Jul 2020 13:09

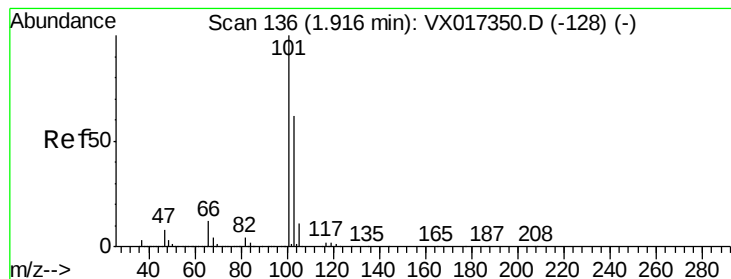
Tgt Ion: 64 Resp: 39822

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5



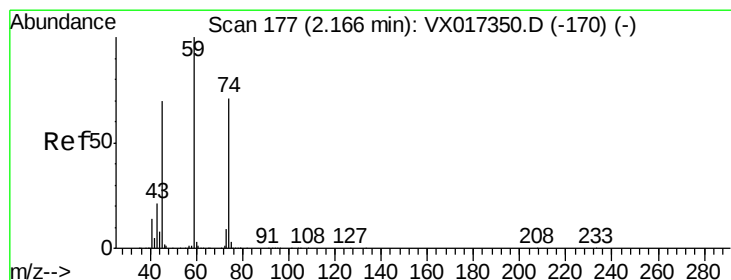
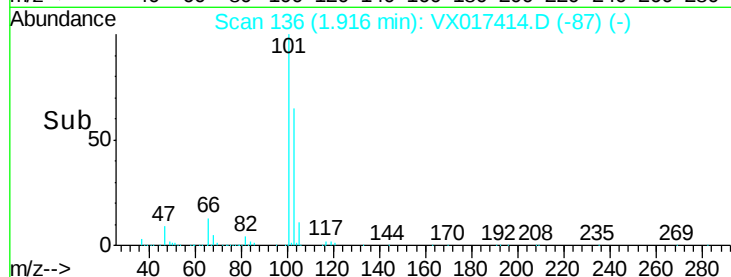
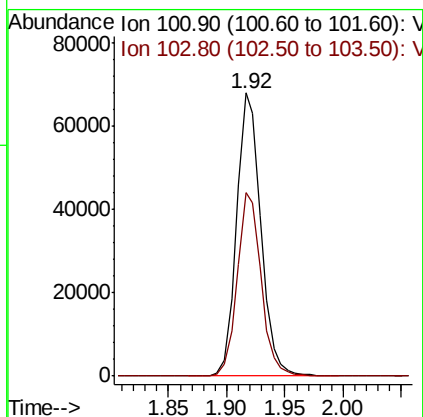
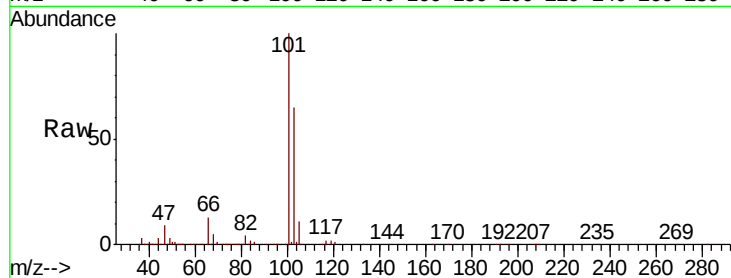


#7

Trichlorofluoromethane
Concen: 20.988 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

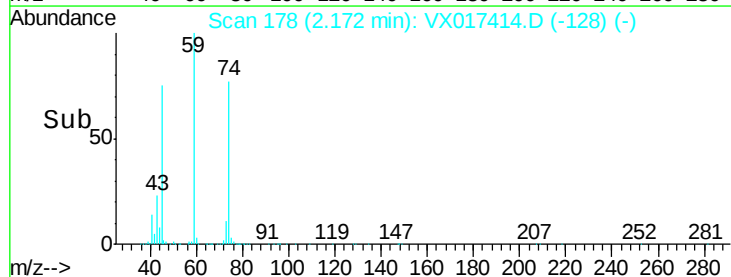
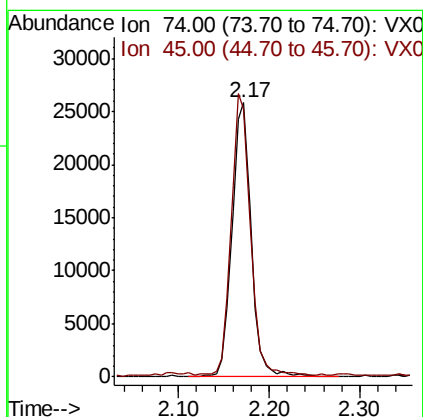
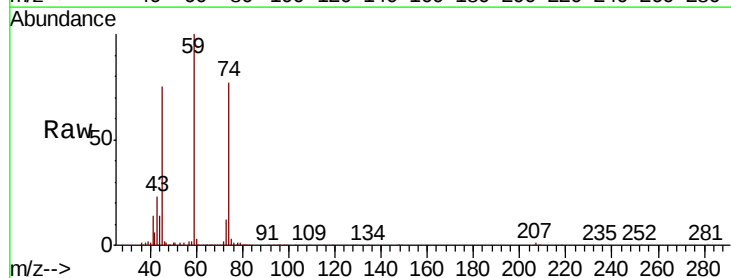
Tot Ion:101 Resp: 98707
Ion Ratio Lower Upper
101 100
103 65.0 49.6 74.4

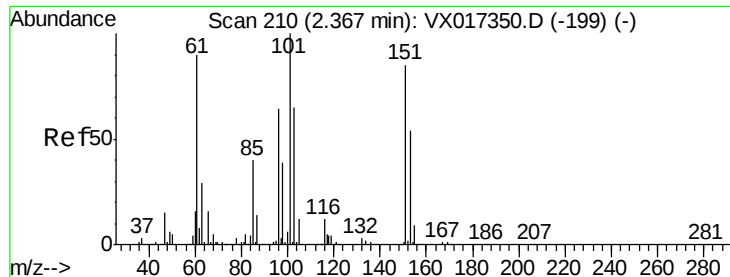


#8

Diethyl Ether
Concen: 22.770 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 74 Resp: 37855
Ion Ratio Lower Upper
74 100
45 102.9 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.714 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

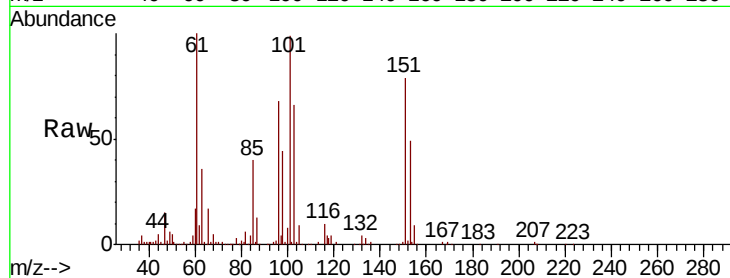
Tot Ion:101 Resp: 58174

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

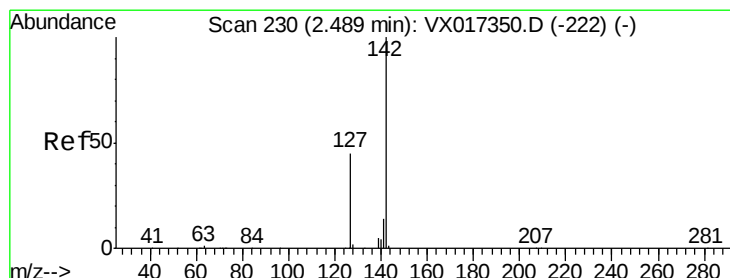
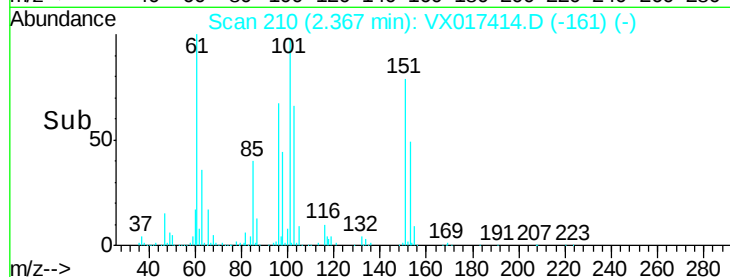
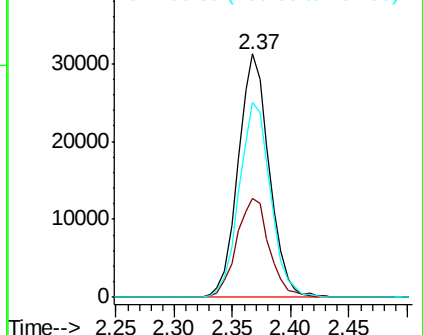
151 81.2 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.031 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

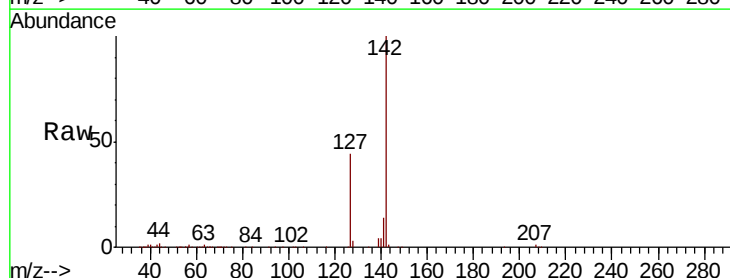
Tgt Ion:142 Resp: 69550

Ion Ratio Lower Upper

142 100

127 44.6 36.8 55.2

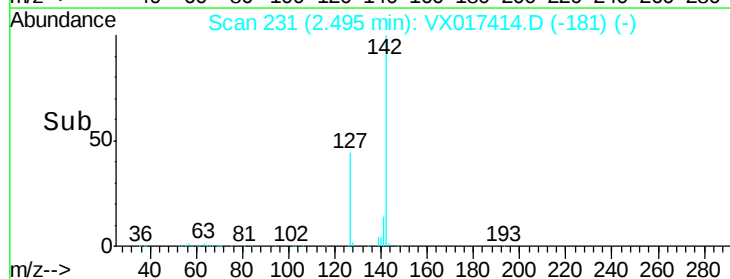
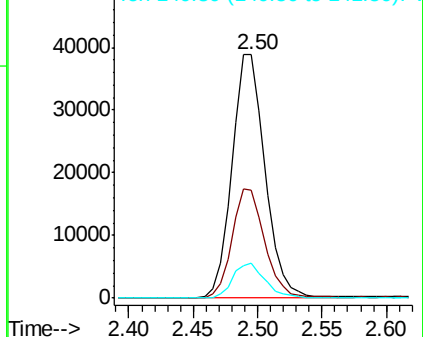
141 14.3 11.4 17.0

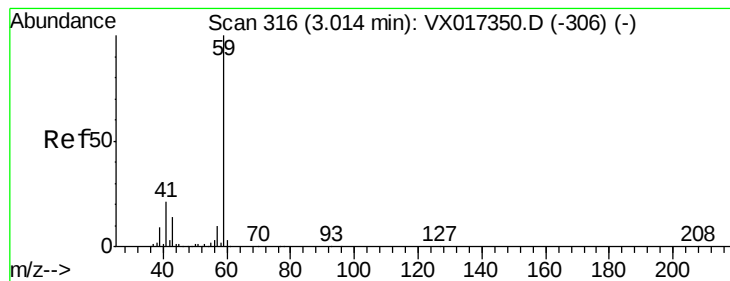


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



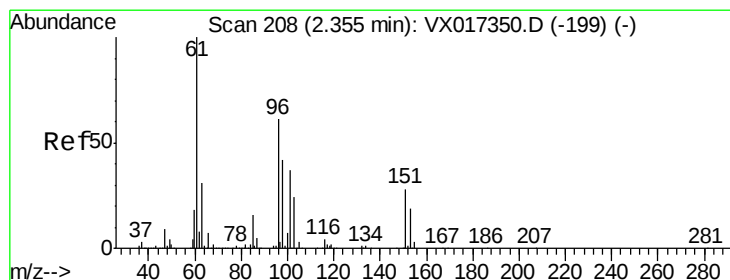
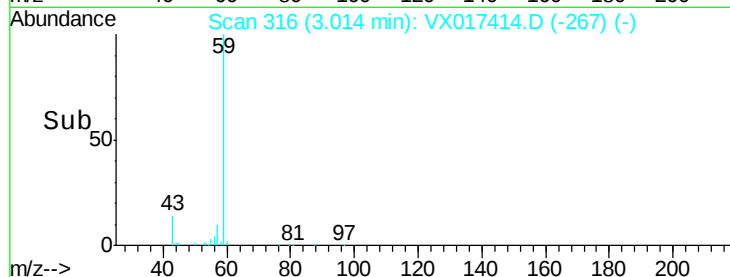
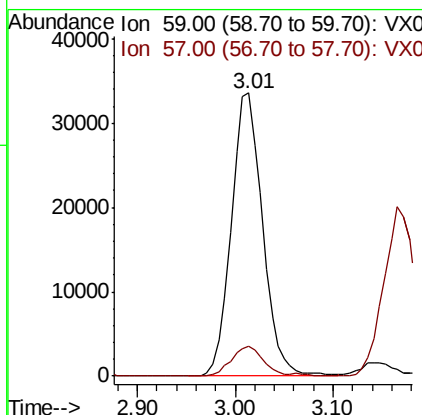
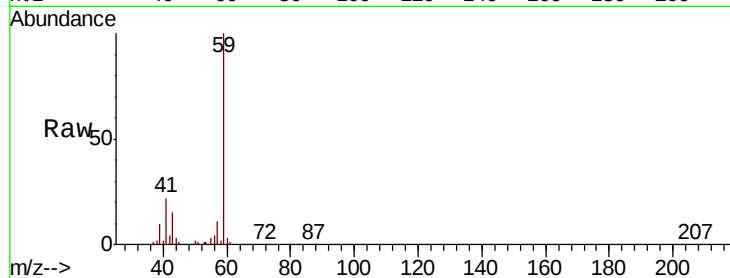


#11

Tert butyl alcohol
 Concen: 119.423 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

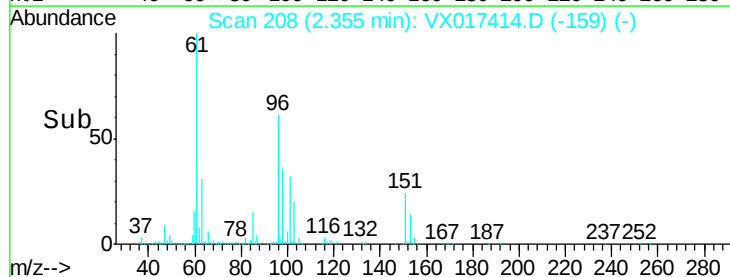
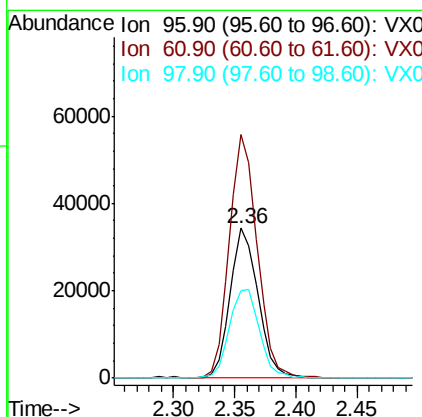
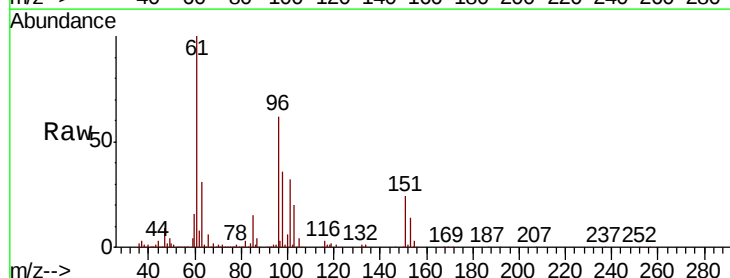
Tot Ion: 59 Resp: 74667
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.3 12.5

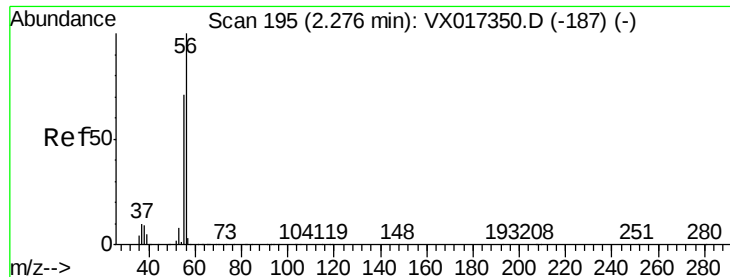


#12

1,1-Dichloroethene
 Concen: 20.132 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion: 96 Resp: 54169
 Ion Ratio Lower Upper
 96 100
 61 162.3 131.5 197.3
 98 57.8 55.1 82.7





#13

Acrolein

Concen: 35.263 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

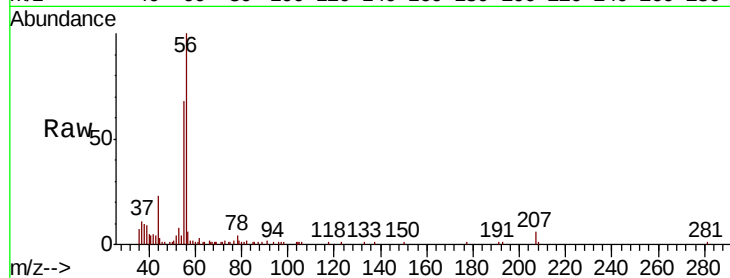
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 12086

Ion Ratio Lower Upper

56 100

55 67.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

8000

6000

4000

2000

0

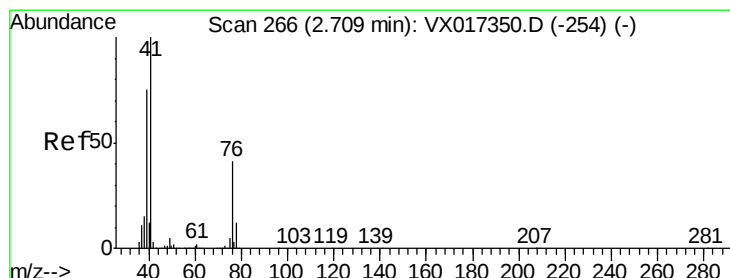
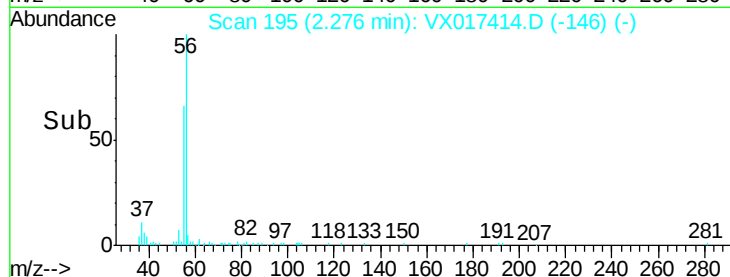
Time-->

2.20

2.25

2.30

2.35



#14

Allyl chloride

Concen: 23.461 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

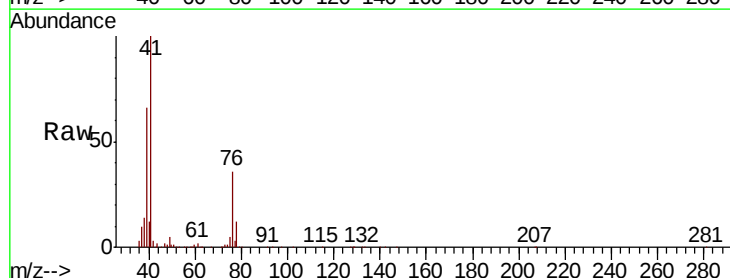
Tgt Ion: 41 Resp: 109385

Ion Ratio Lower Upper

41 100

39 61.9 53.0 79.4

76 32.3 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

100000

50000

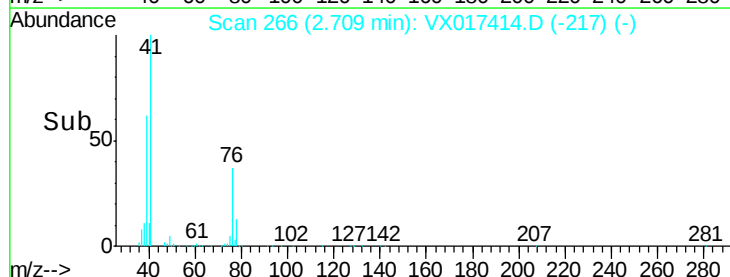
0

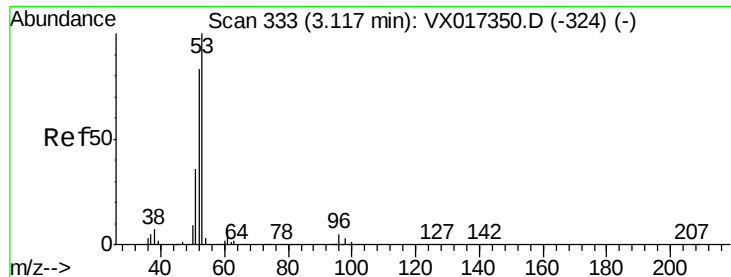
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 124.158 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

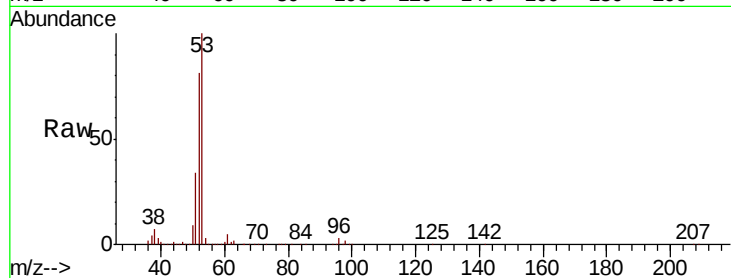
Tot Ion: 53 Resp: 188181

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.6

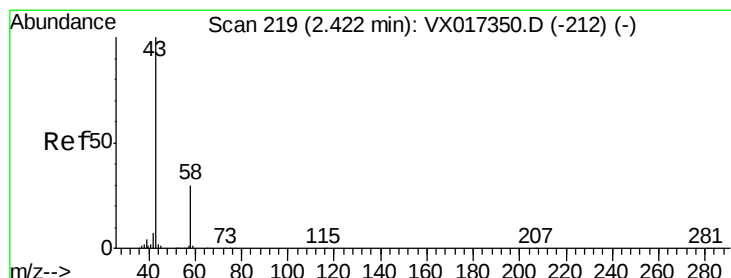
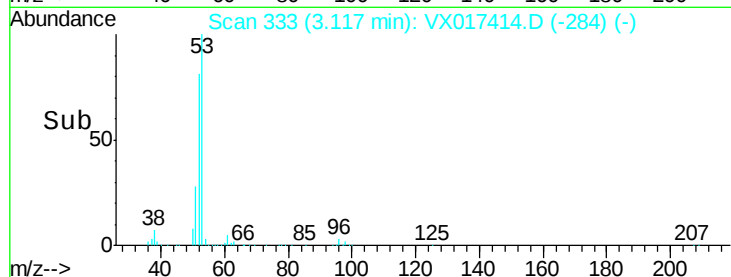
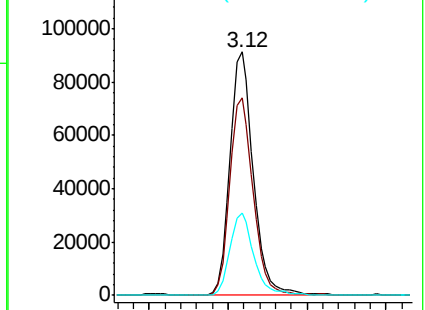
51 34.8 29.2 43.8



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: 120.141 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017414.D

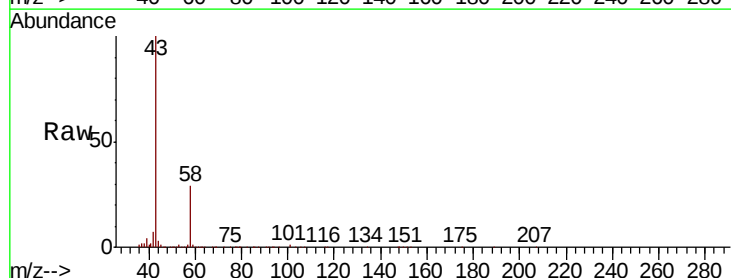
Acq: 17 Jul 2020 13:09

Tgt Ion: 43 Resp: 159056

Ion Ratio Lower Upper

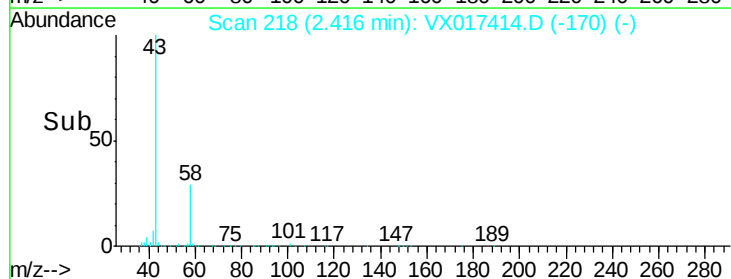
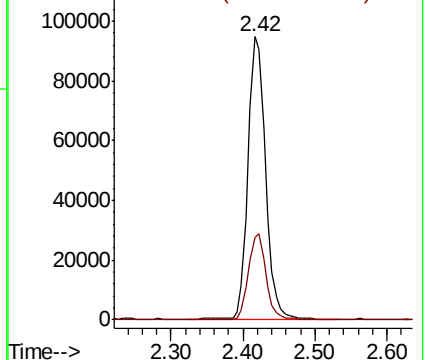
43 100

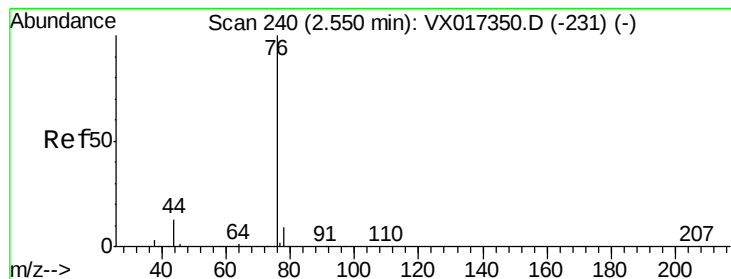
58 29.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 21.511 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

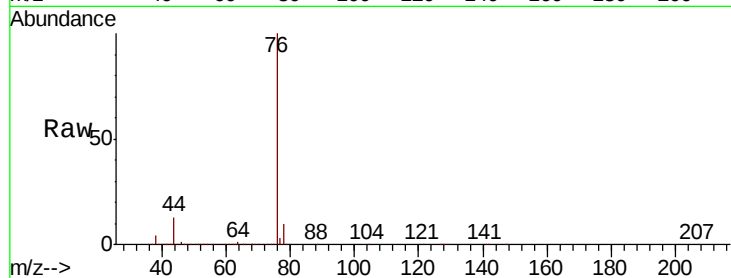
ClientSampleId :

Tot Ion: 76 Resp: 168849

Ion Ratio Lower Upper

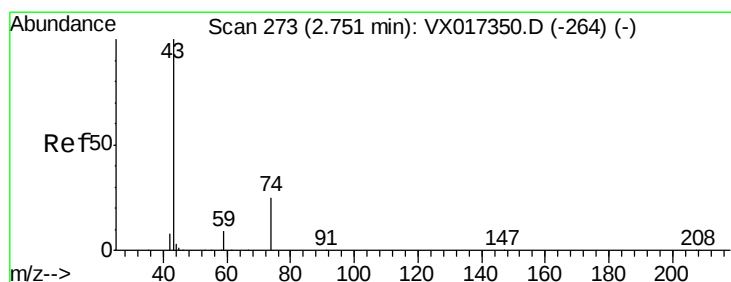
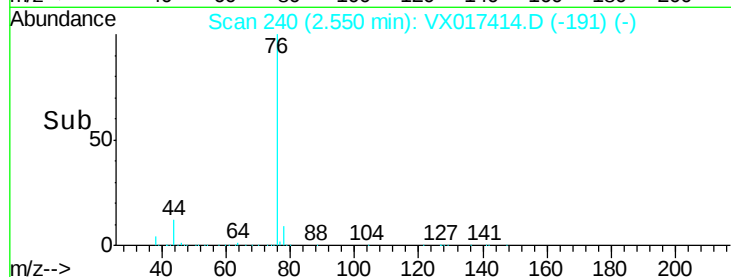
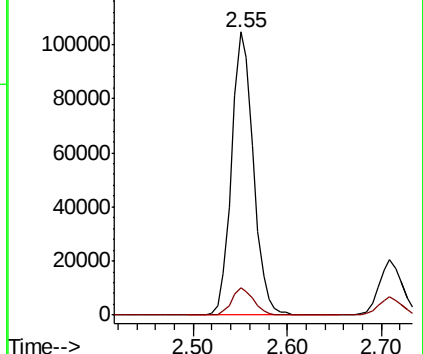
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.449 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017414.D

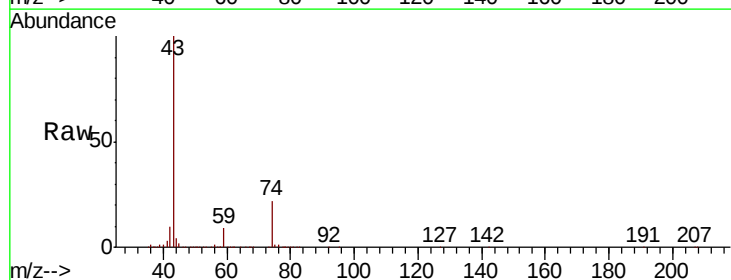
Acq: 17 Jul 2020 13:09

Tgt Ion: 43 Resp: 83217

Ion Ratio Lower Upper

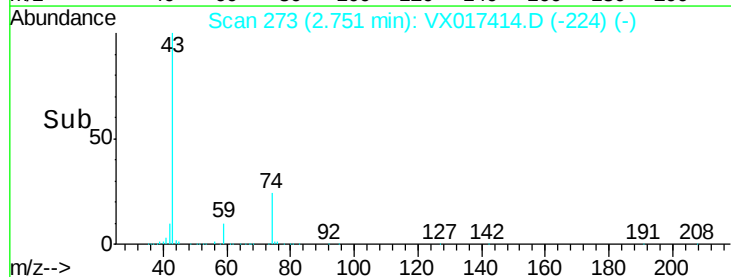
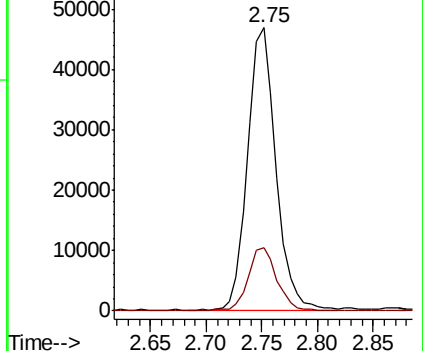
43 100

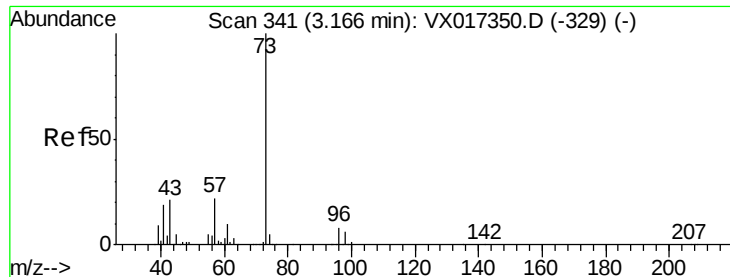
74 22.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



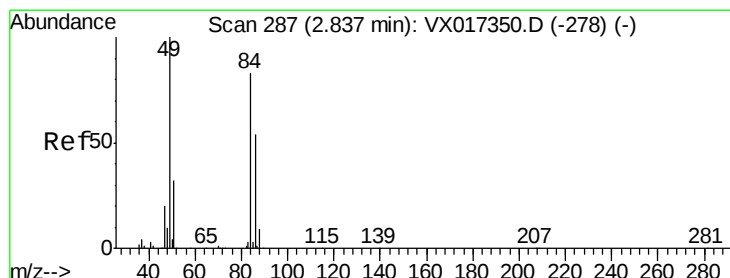
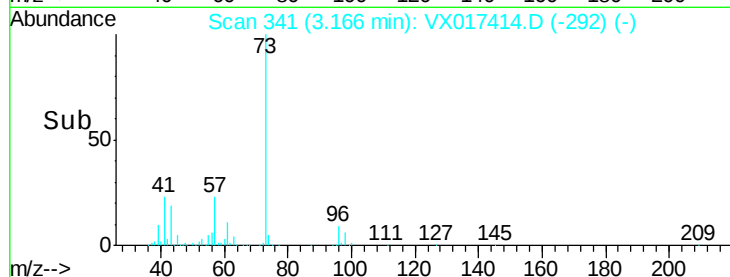
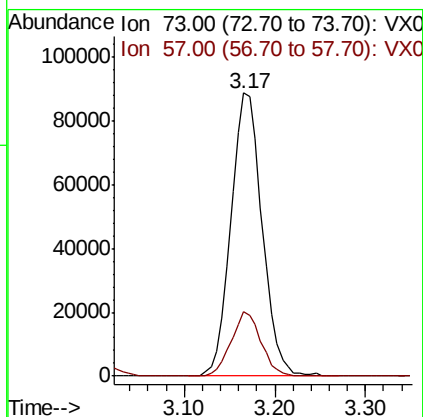
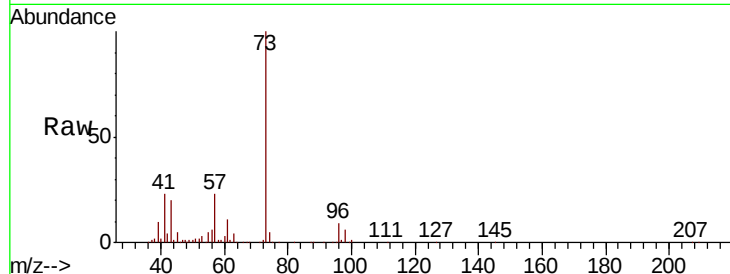


#19

Methyl tert-butyl Ether
 Concen: 23.086 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

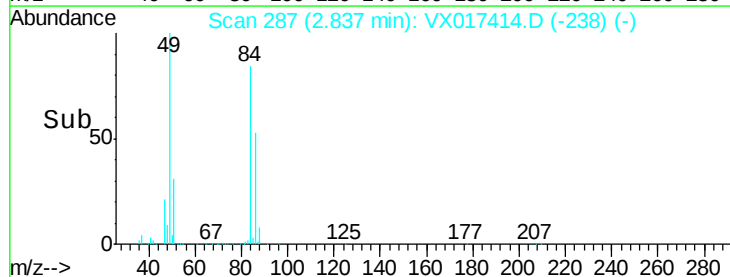
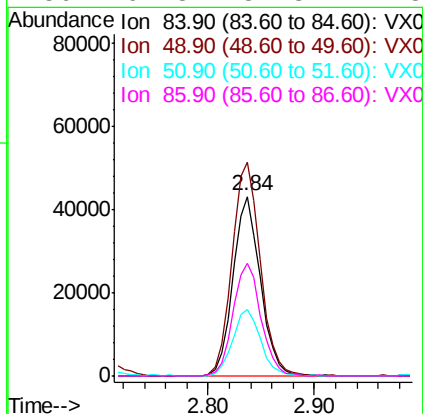
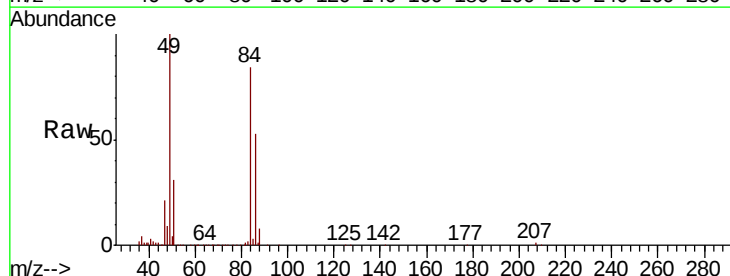
Tot Ion: 73 Resp: 210926
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.5 26.3

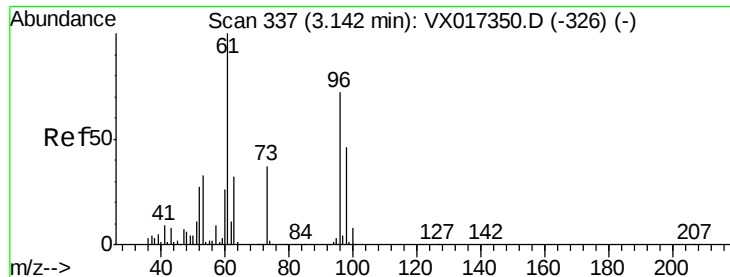


#20

Methylene Chloride
 Concen: 24.130 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion: 84 Resp: 77943
 Ion Ratio Lower Upper
 84 100
 49 118.8 95.8 143.8
 51 37.4 31.0 46.4
 86 62.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.611 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampled :

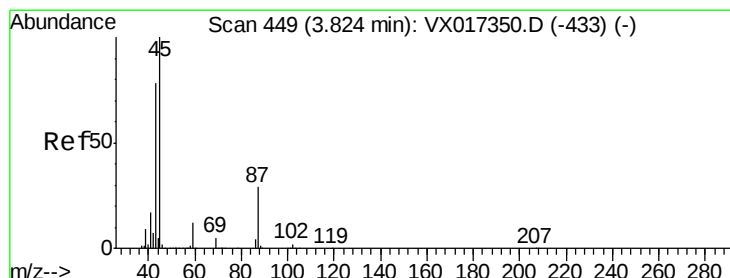
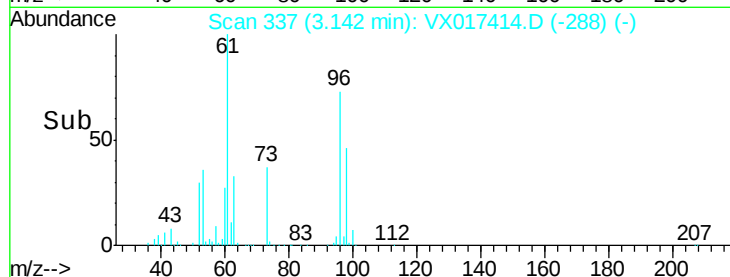
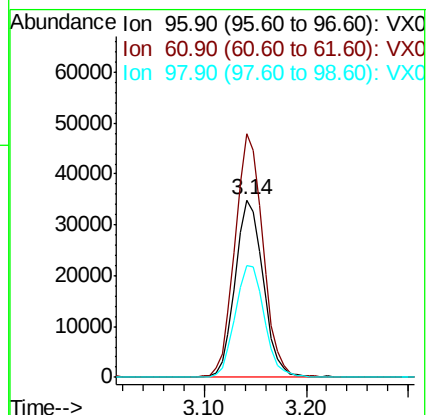
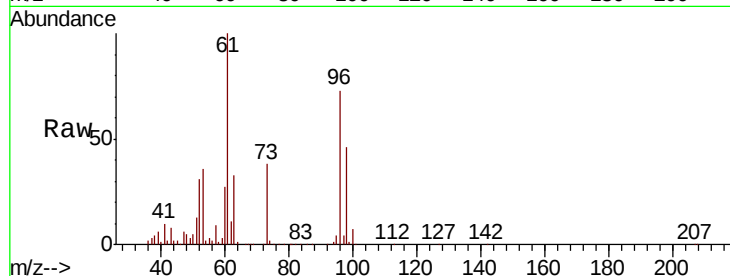
Tot Ion: 96 Resp: 66532

Ion Ratio Lower Upper

96 100

61 137.2 111.1 166.7

98 62.8 51.4 77.0



#22

Diisopropyl ether

Concen: 25.106 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion: 45 Resp: 222967

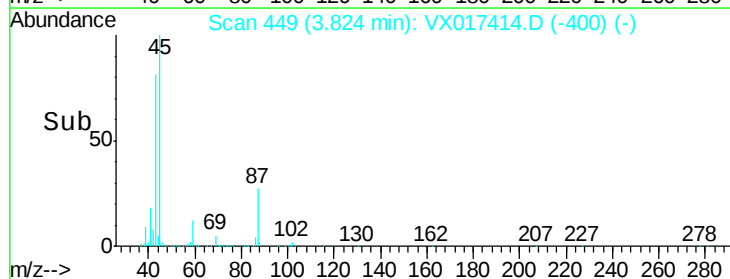
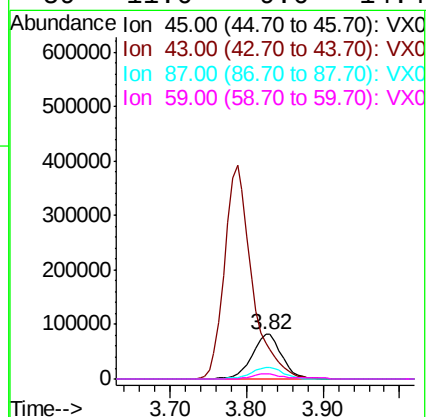
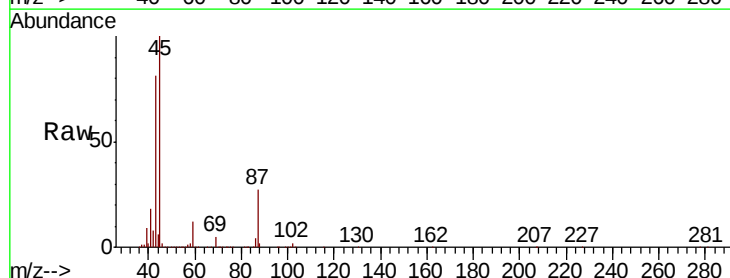
Ion Ratio Lower Upper

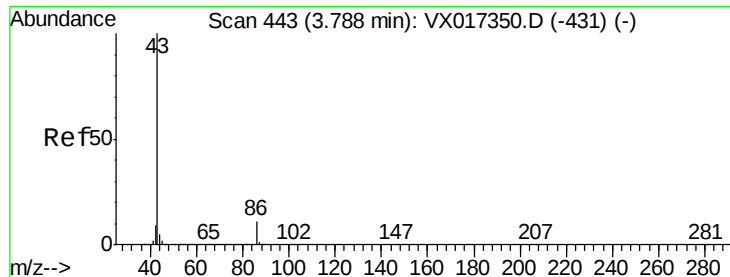
45 100

43 80.5 62.2 93.2

87 26.9 23.0 34.6

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 125.063 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

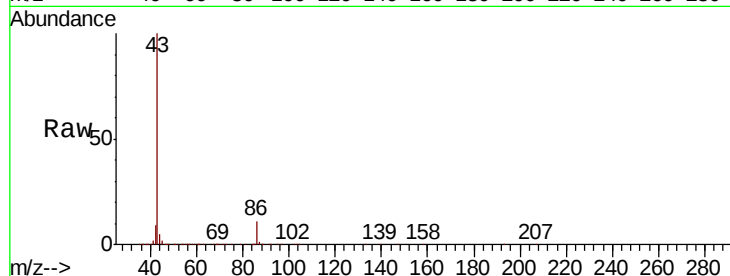
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 976826

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

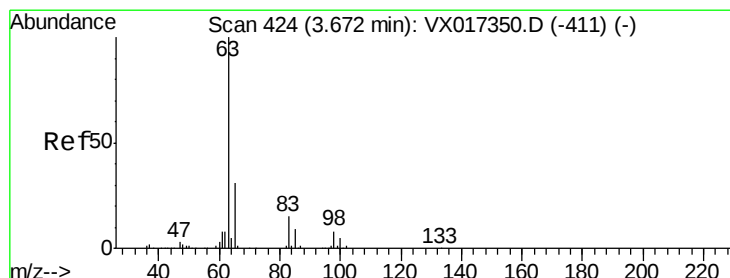
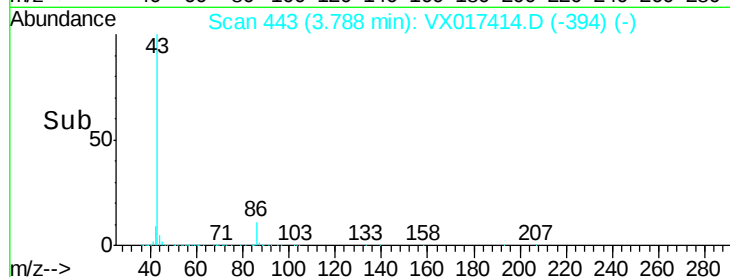
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 23.148 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

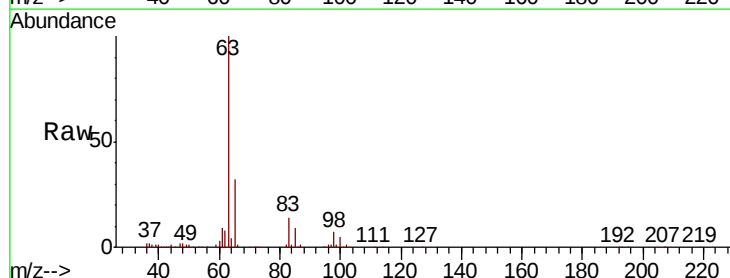
Tgt Ion: 63 Resp: 120820

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

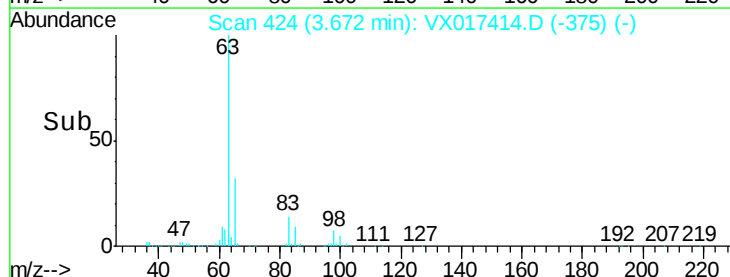
60000

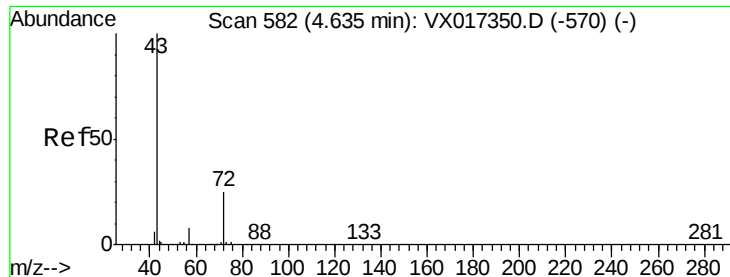
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 122.730 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

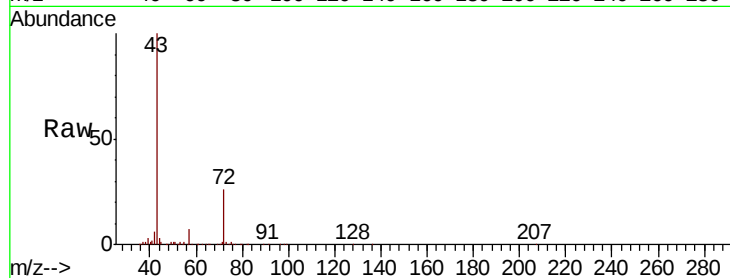
ClientSampled :

Tot Ion: 43 Resp: 258072

Ion Ratio Lower Upper

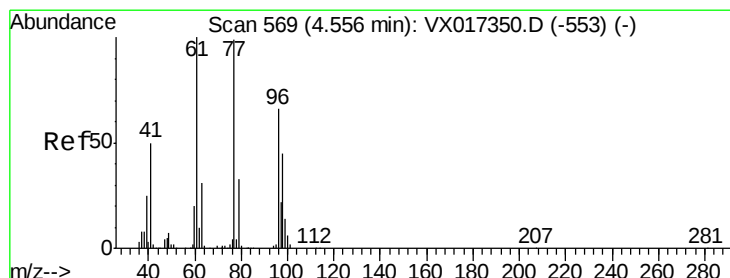
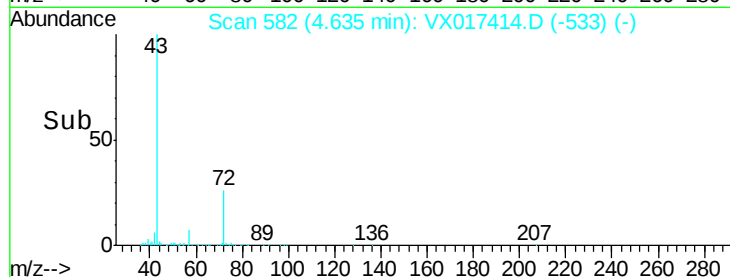
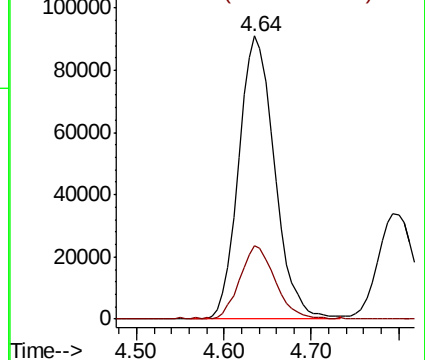
43 100

72 25.8 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.004 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017414.D

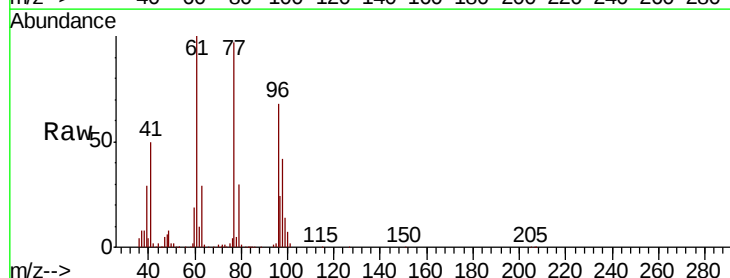
Acq: 17 Jul 2020 13:09

Tgt Ion: 77 Resp: 102029

Ion Ratio Lower Upper

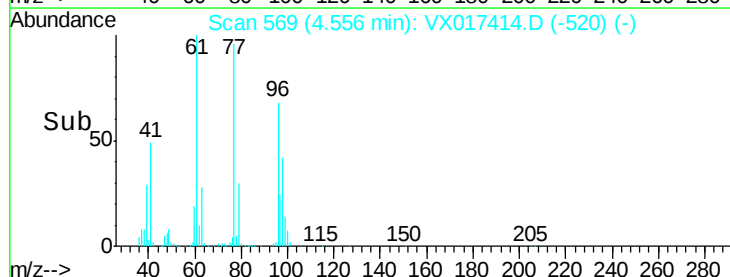
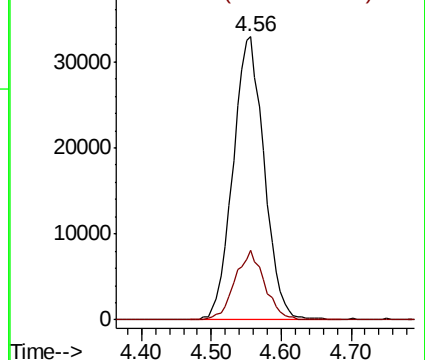
77 100

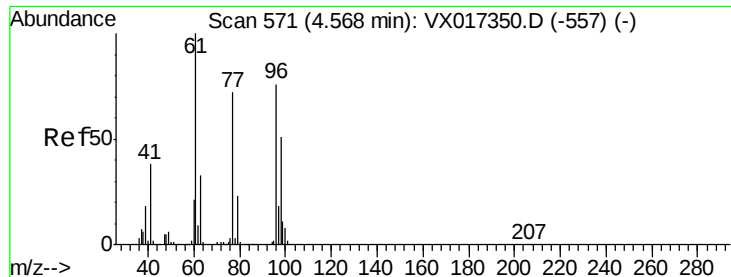
97 23.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



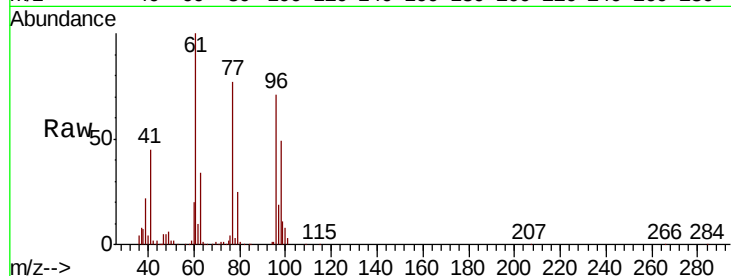


#27

cis-1,2-Dichloroethene
Concen: 21.848 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	281.2
98	65.6	0.0	131.4

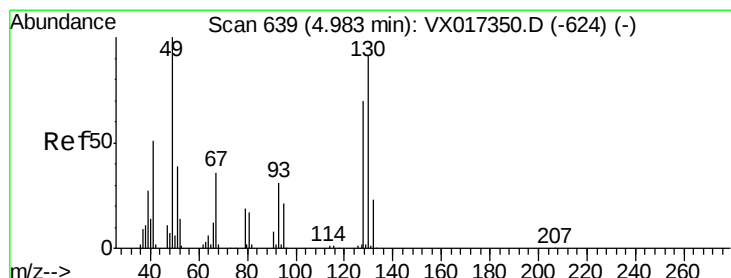
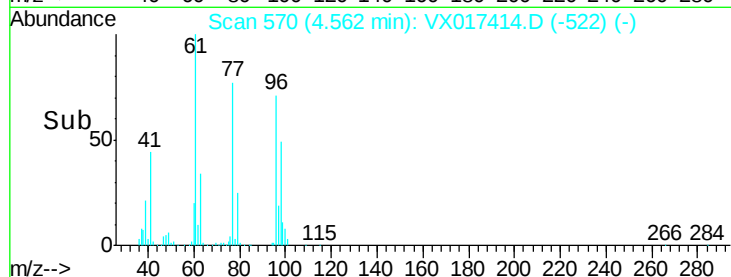
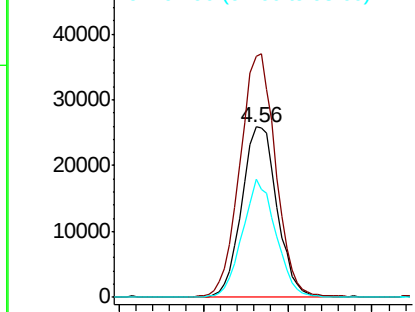


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

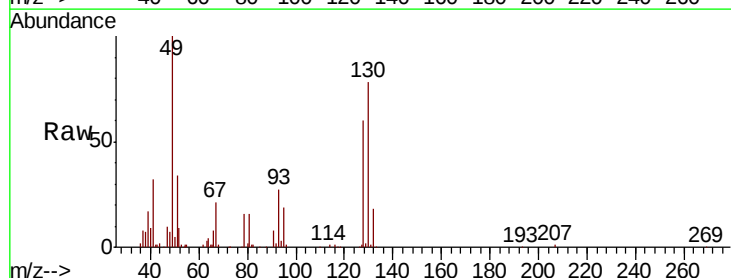
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 25.922 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	83.0	71.1	106.7

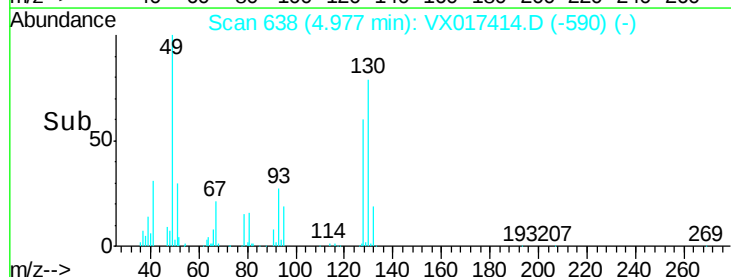
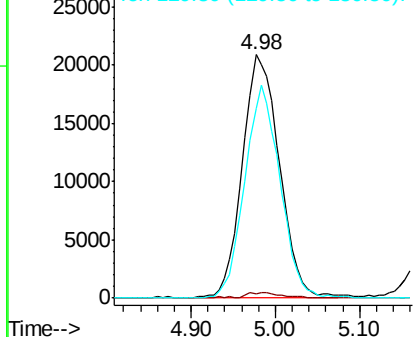


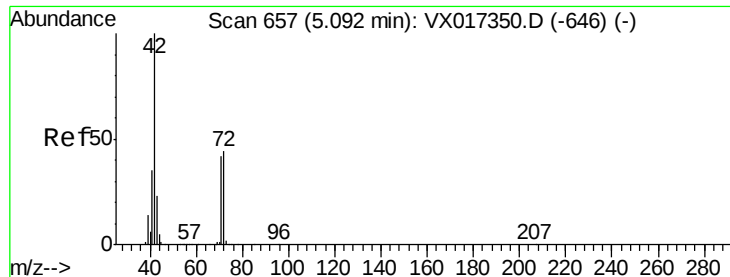
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 122.750 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

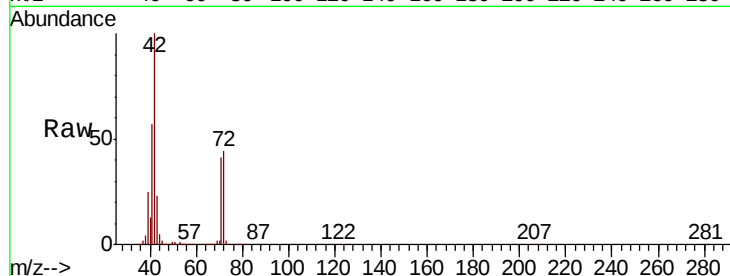
Tot Ion: 42 Resp: 167082

Ion Ratio Lower Upper

42 100

72 44.5 37.2 55.8

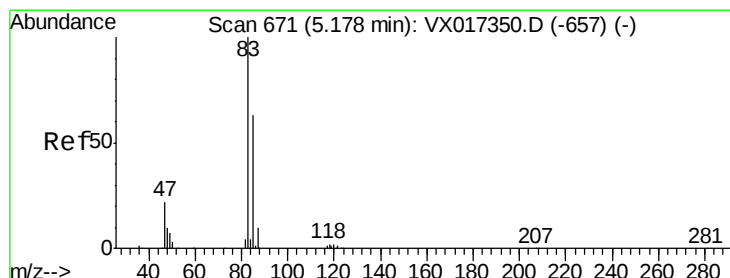
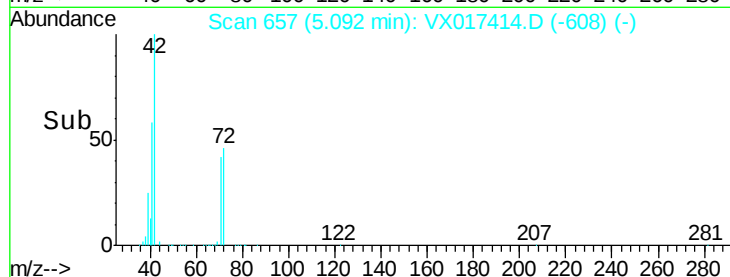
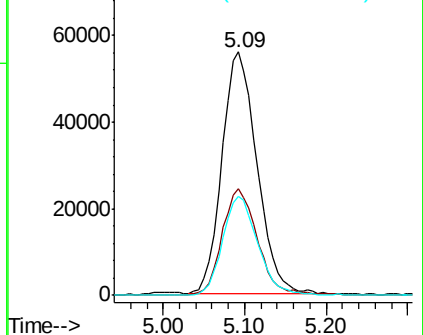
71 40.7 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.984 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017414.D

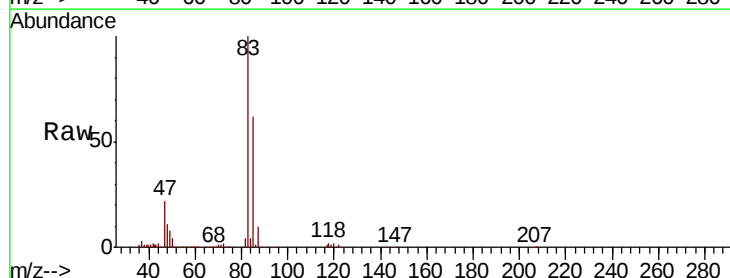
Acq: 17 Jul 2020 13:09

Tgt Ion: 83 Resp: 129069

Ion Ratio Lower Upper

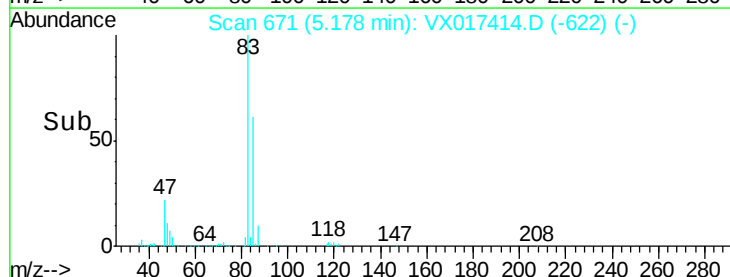
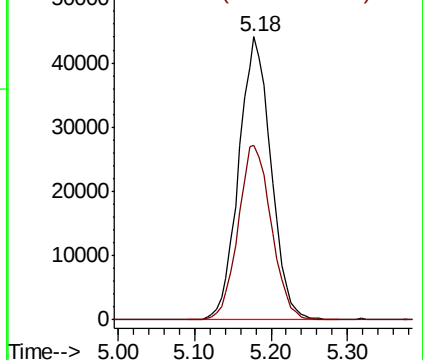
83 100

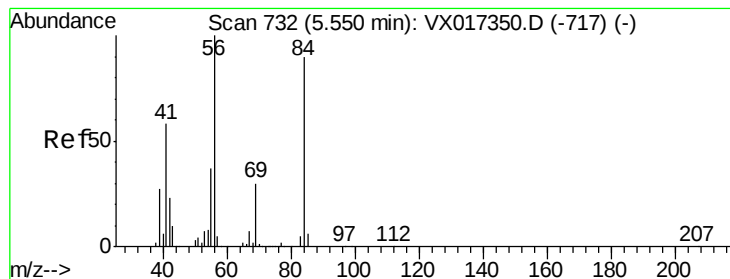
85 61.5 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 21.794 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

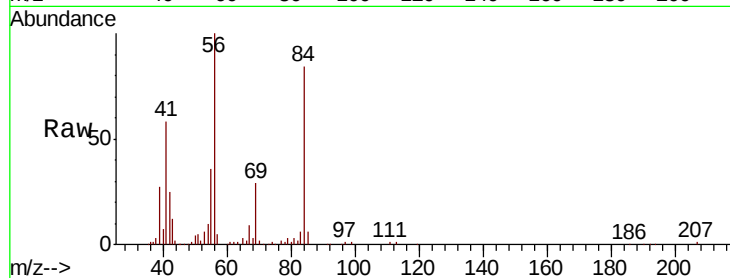
Tot Ion: 56 Resp: 93121

Ion Ratio Lower Upper

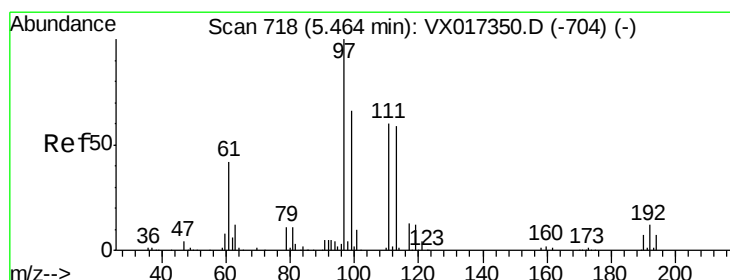
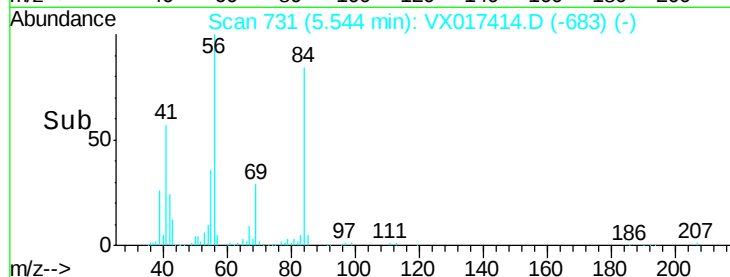
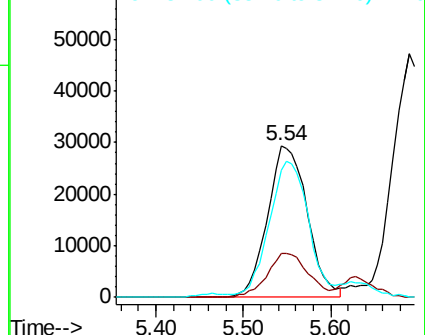
56 100

69 28.7 23.7 35.5

84 82.9 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.565 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

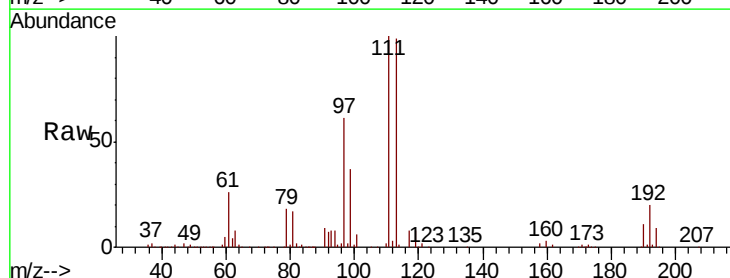
Tgt Ion: 97 Resp: 111952

Ion Ratio Lower Upper

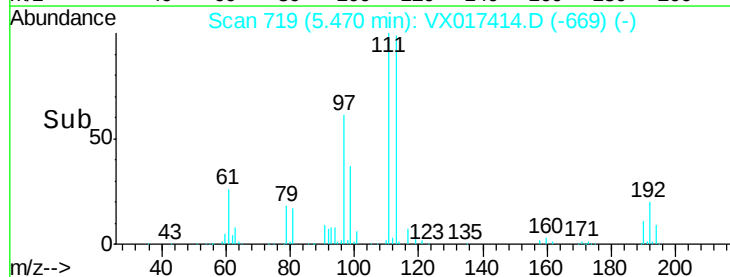
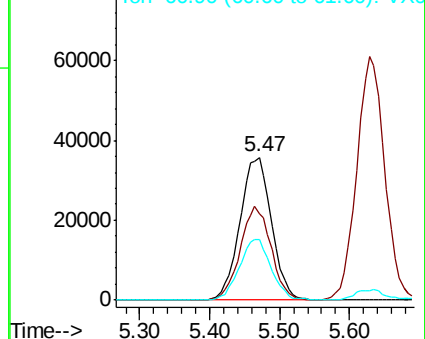
97 100

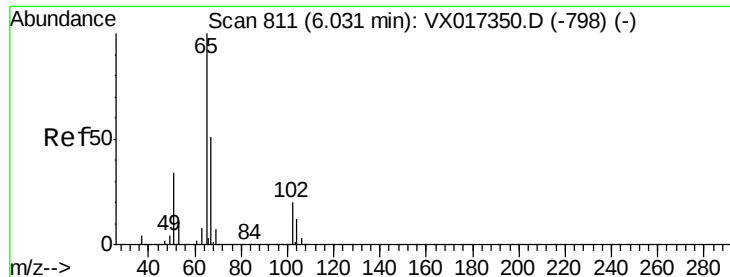
99 63.9 51.2 76.8

61 42.9 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.879 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

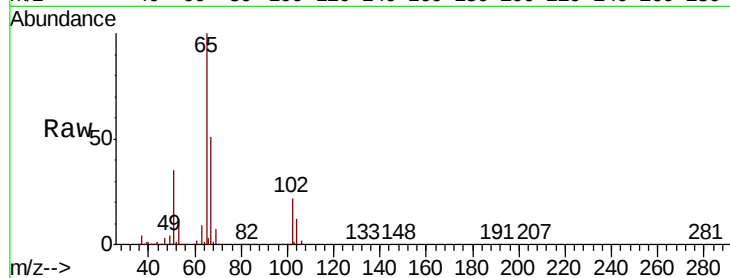
ClientSampleId :

Tot Ion: 65 Resp: 207365

Ion Ratio Lower Upper

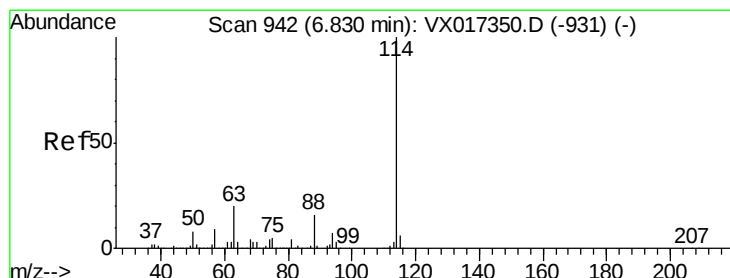
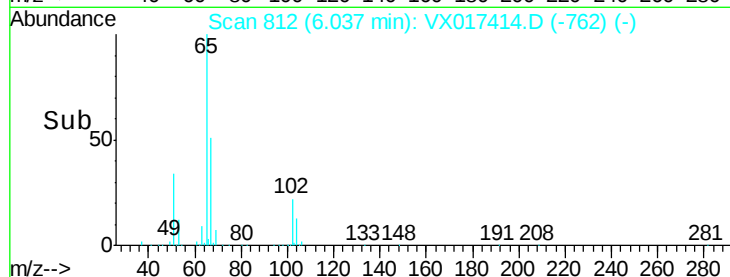
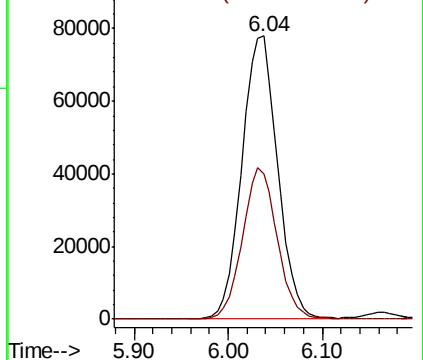
65 100

67 51.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

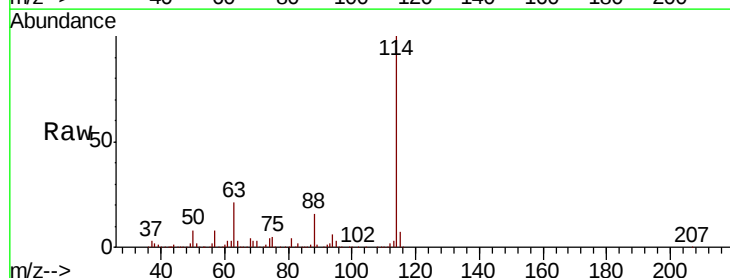
Tgt Ion: 114 Resp: 462327

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

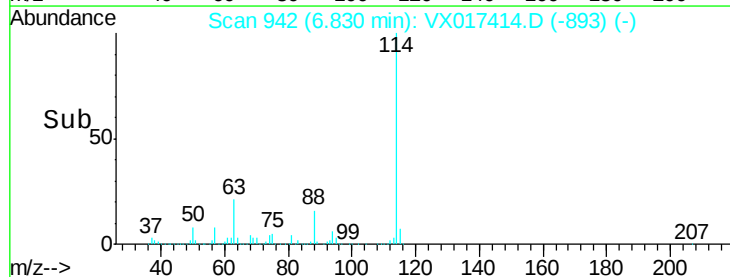
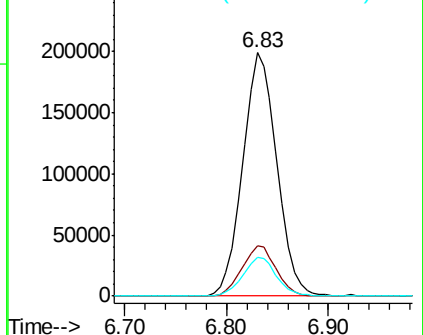
88 15.9 0.0 32.8

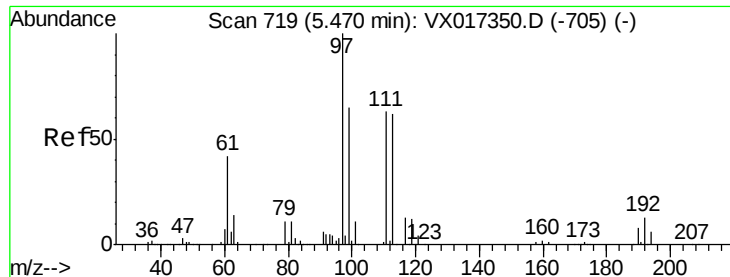


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

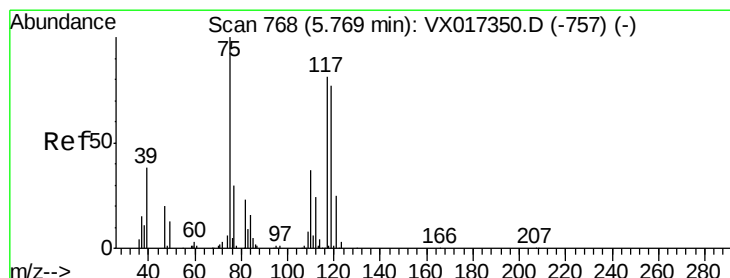
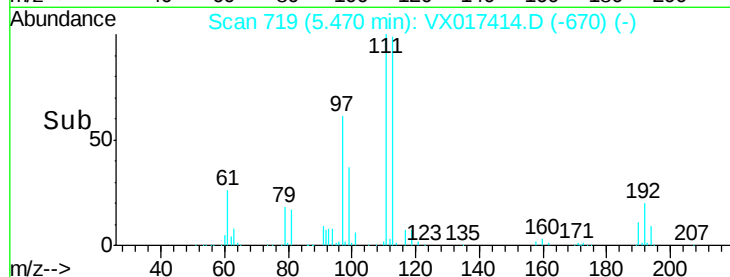
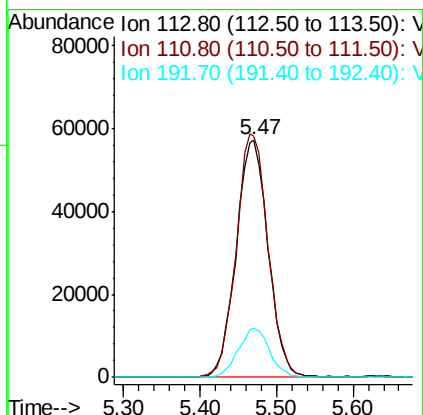
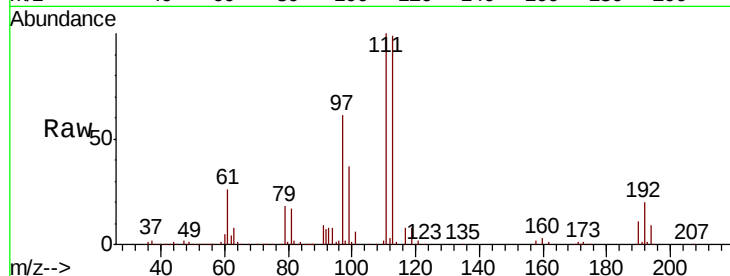




#35
 Dibromofluoromethane
 Concen: 53.215 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

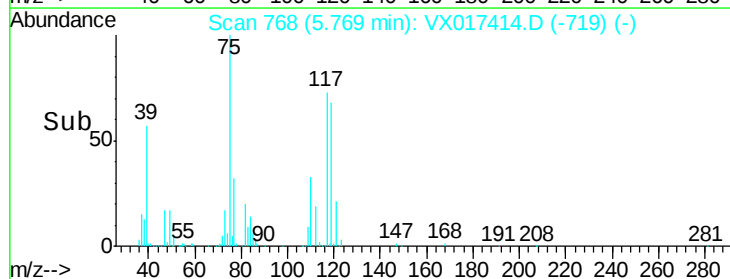
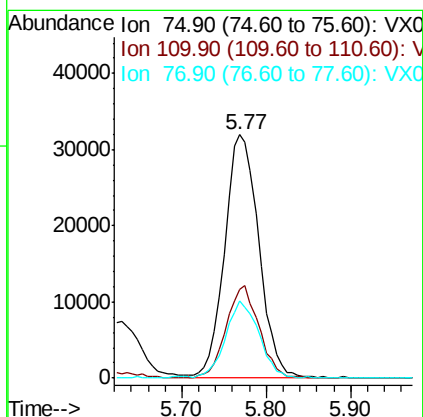
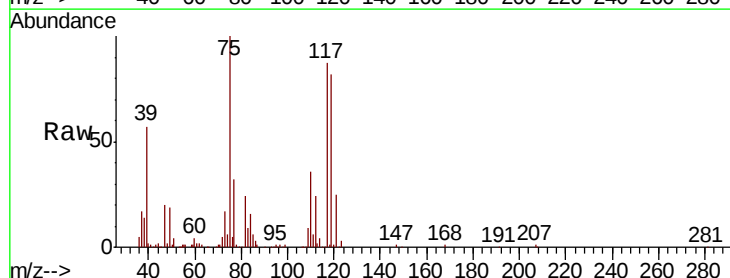
Instrument :
 MSVOA_X
 ClientSampleId :

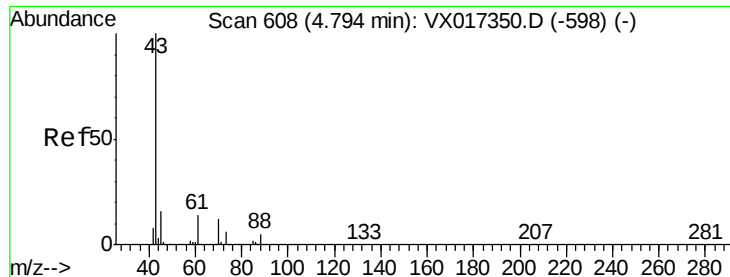
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	20.6	17.2	25.8



#36
 1,1-Dichloropropene
 Concen: 20.549 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.6	55.8
77	31.1	24.9	37.3

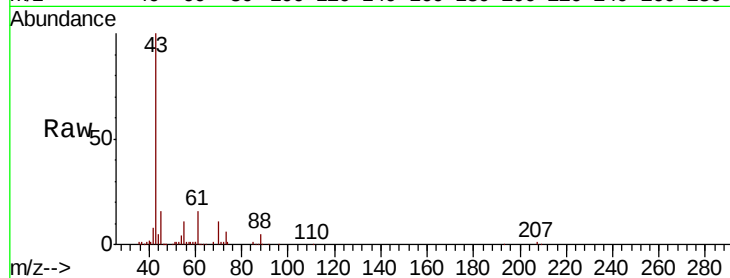




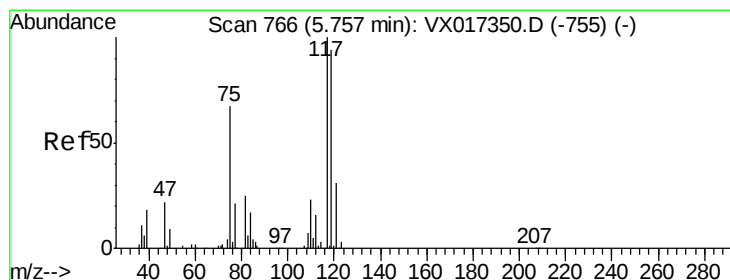
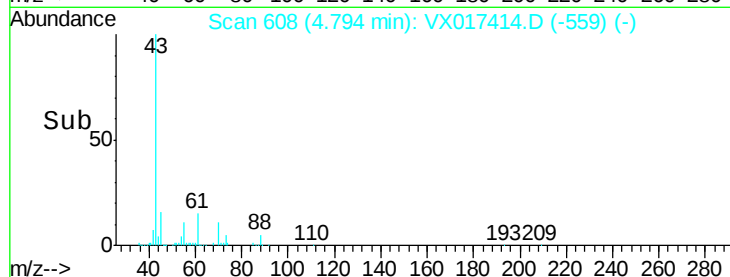
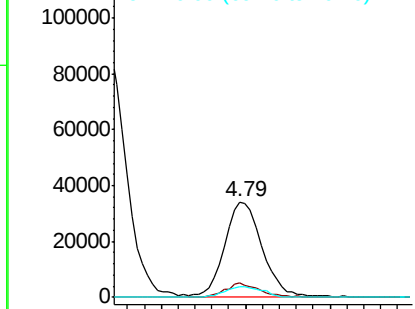
#37
Ethyl Acetate
Concen: 23.055 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 101393
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 11.9 9.0 13.6

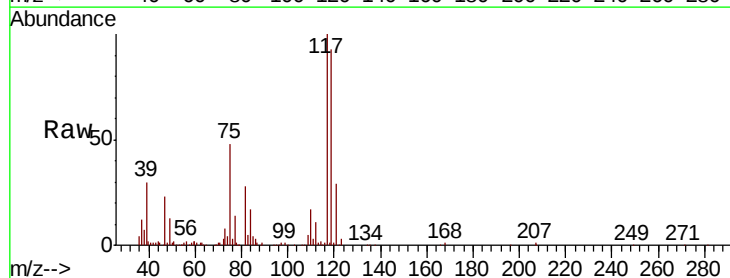


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

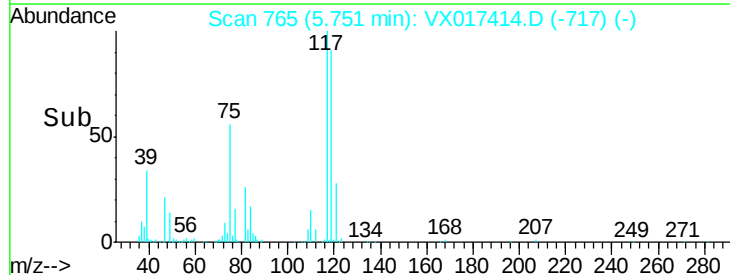
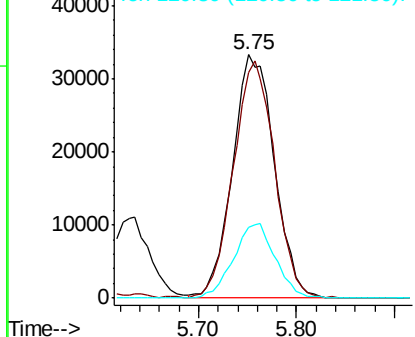


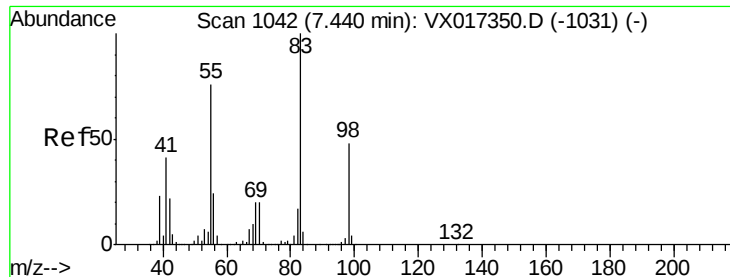
#38
Carbon Tetrachloride
Concen: 19.877 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 117 Resp: 98966
Ion Ratio Lower Upper
117 100
119 92.6 74.7 112.1
121 29.3 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

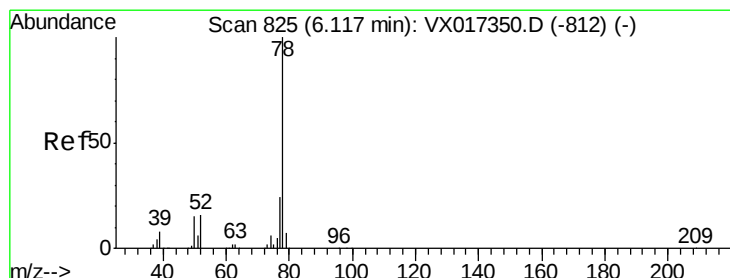
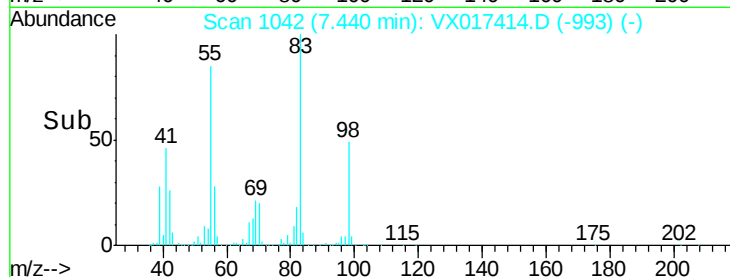
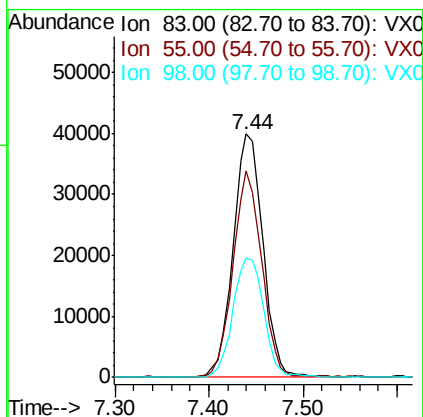
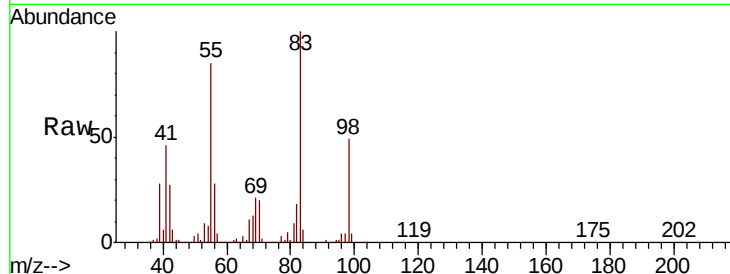




#39
Methvlcvclohexane
Concen: 18.971 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

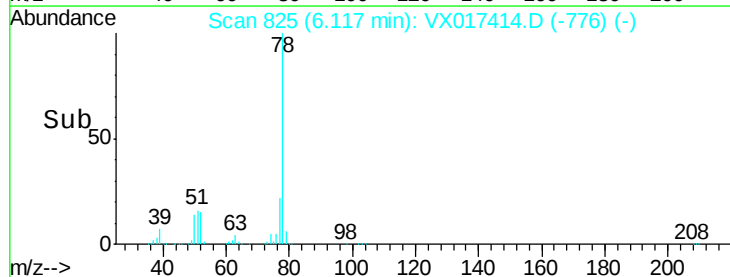
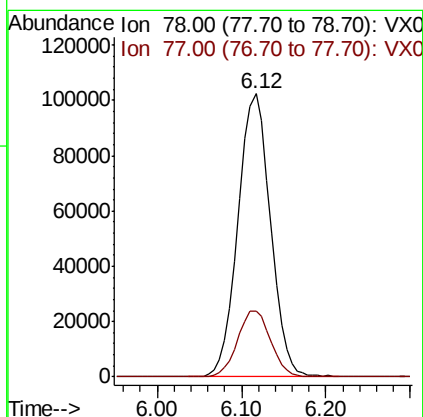
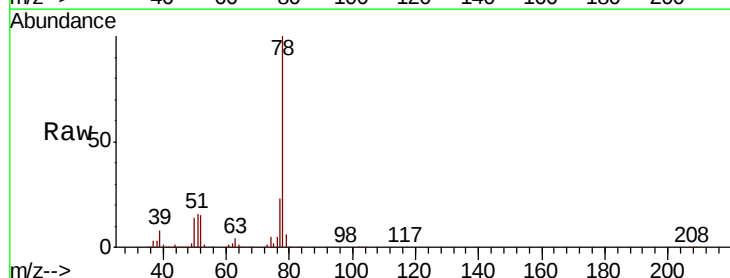
Instrument :
MSVOA_X
ClientSampleId :

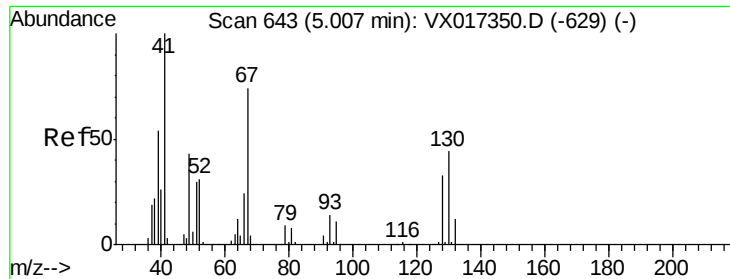
Tot Ion: 83 Resp: 87611
Ion Ratio Lower Upper
83 100
55 85.0 61.2 91.8
98 49.2 38.1 57.1



#40
Benzene
Concen: 21.856 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 78 Resp: 267109
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

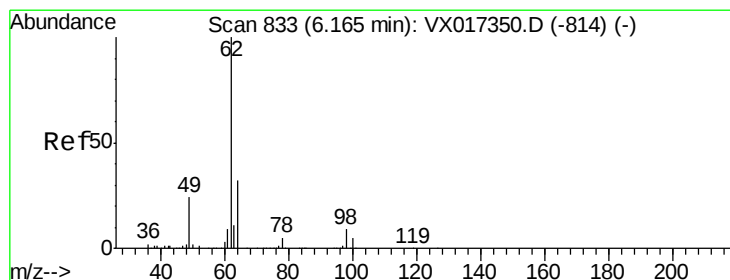
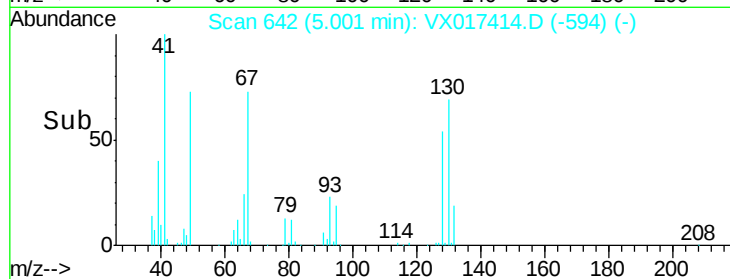
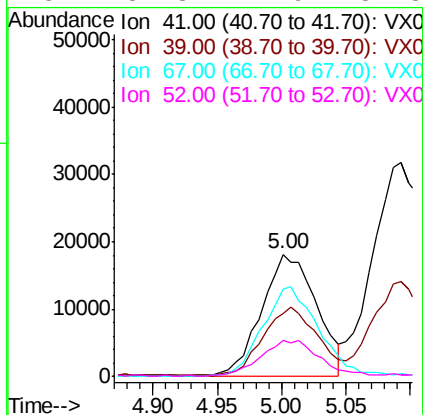
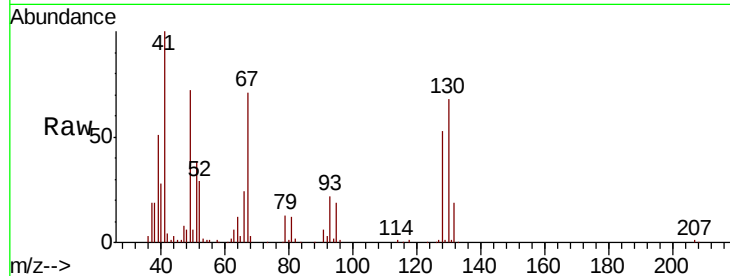




#41
Methacrylonitrile
Concen: 22.579 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

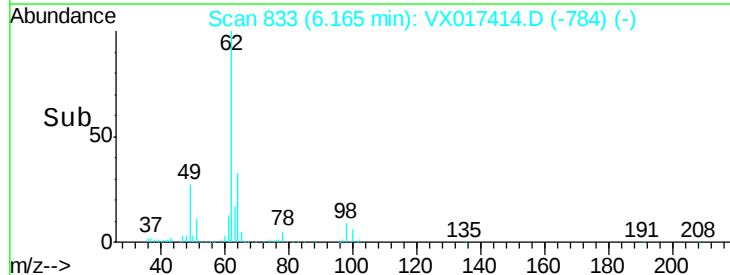
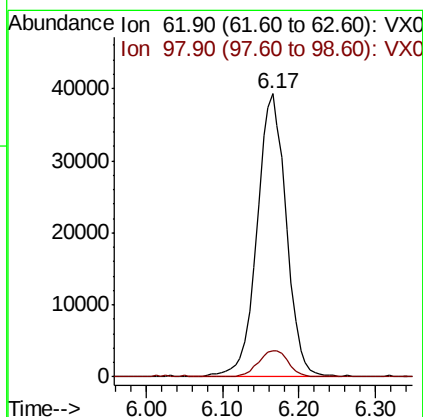
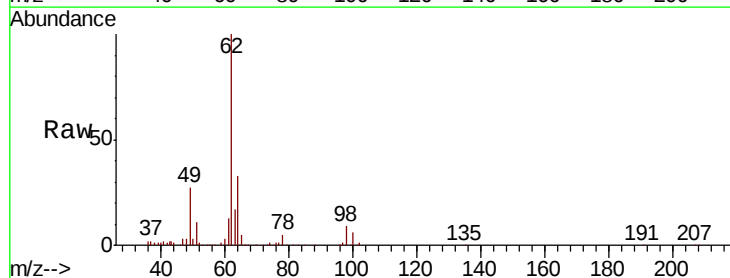
Instrument :
MSVOA_X
ClientSampleId :

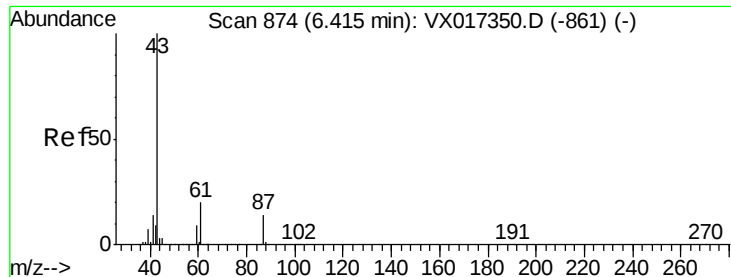
Tot Ion: 41 Resp: 53309
Ion Ratio Lower Upper
41 100
39 56.5 43.8 65.8
67 74.8 58.7 88.1
52 31.3 24.9 37.3



#42
1,2-Dichloroethane
Concen: 22.061 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 62 Resp: 104751
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



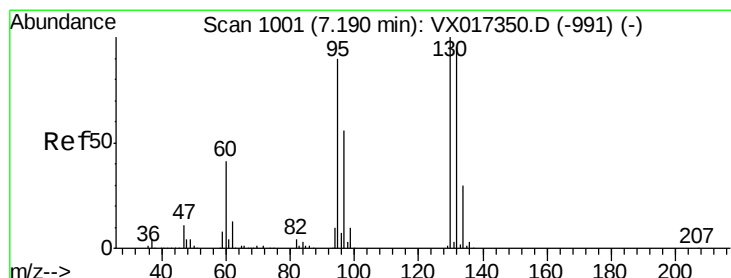
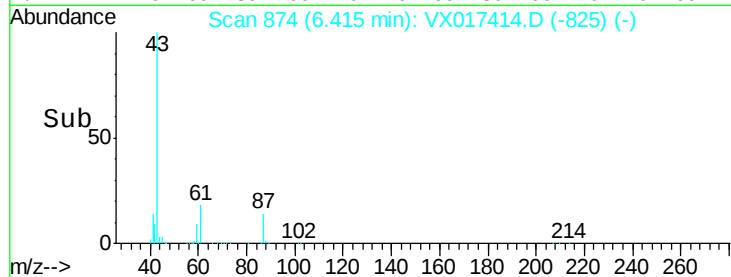
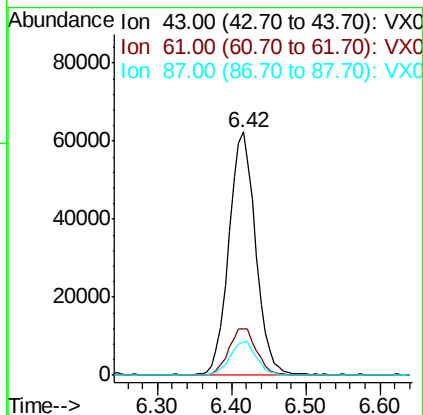
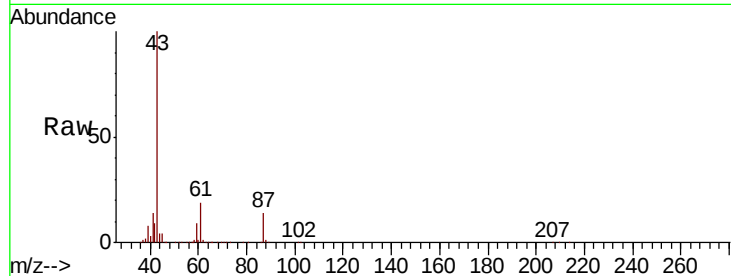


#43

Isopropyl Acetate
 Concen: 22.276 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

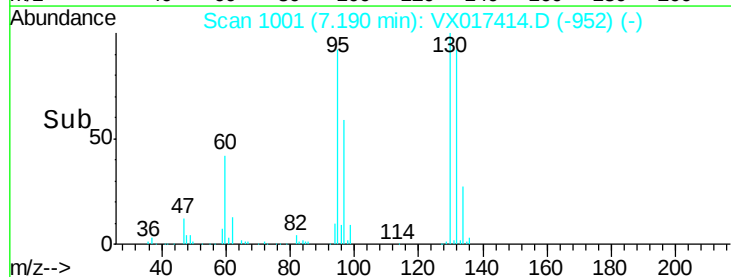
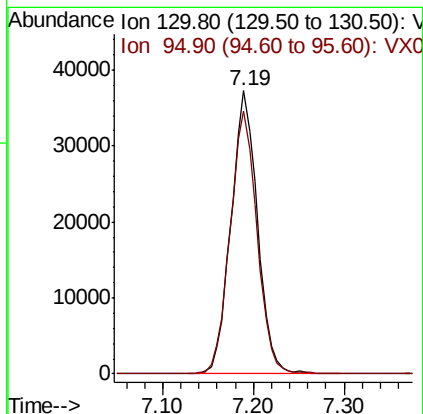
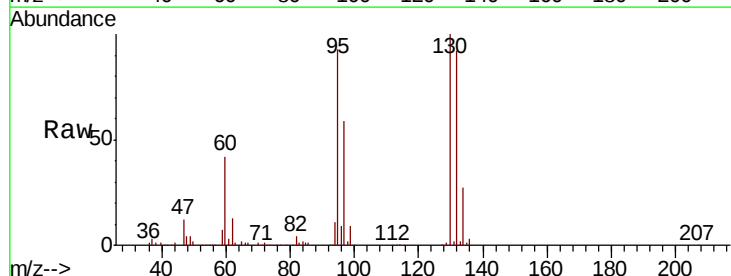
Tot Ion	43	Resp	156541
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.4	24.6
87	14.0	11.2	16.8

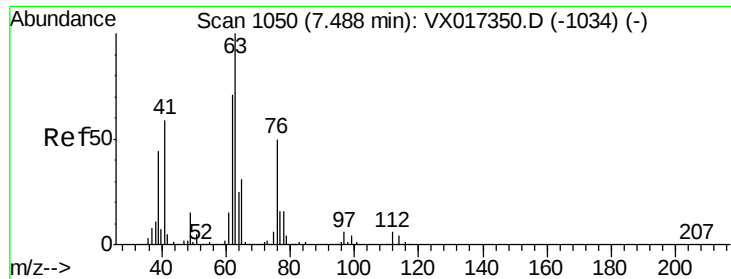


#44

Trichloroethene
 Concen: 20.236 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	130	Resp	75542
Ion Ratio	Lower	Upper	
130	100		
95	92.8	0.0	180.2





#45

1,2-Dichloropropane

Concen: 23.027 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

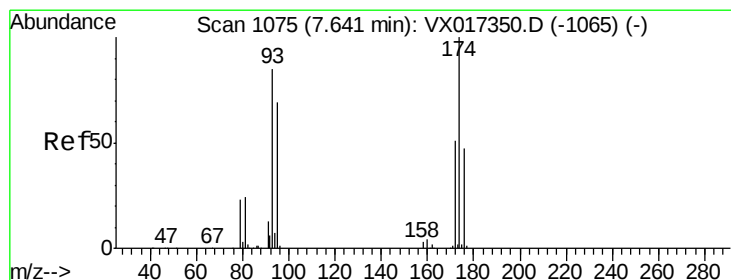
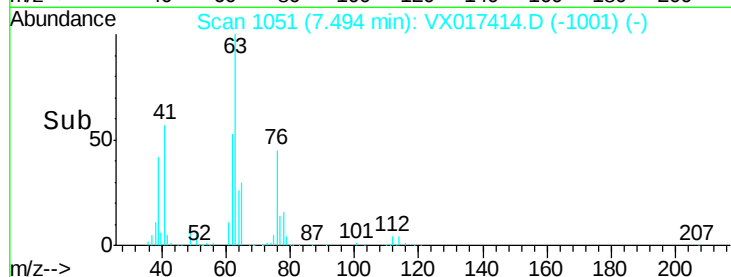
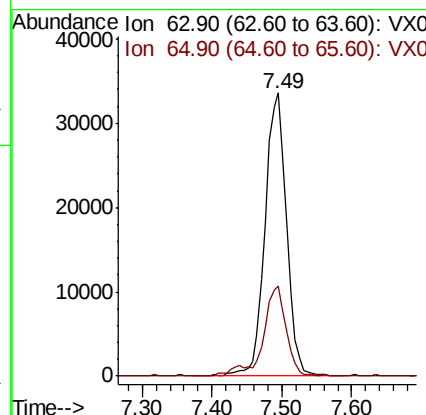
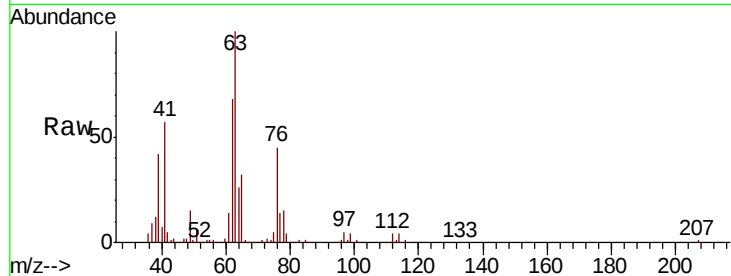
ClientSampleId :

Tot Ion: 63 Resp: 72010

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 22.551 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

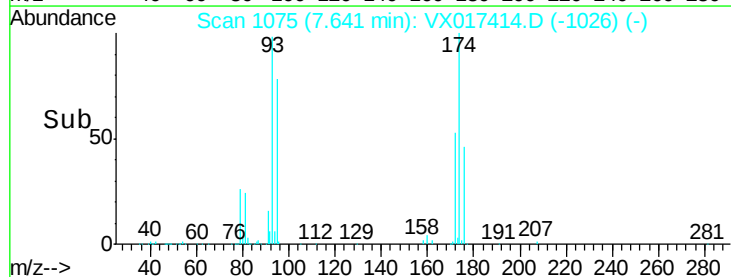
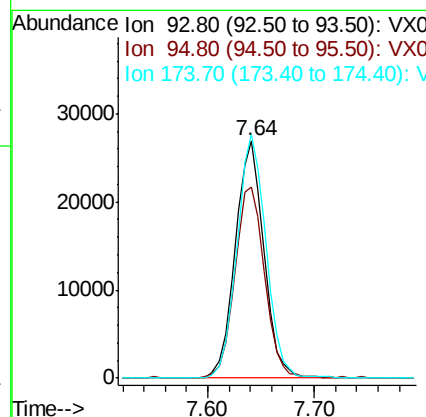
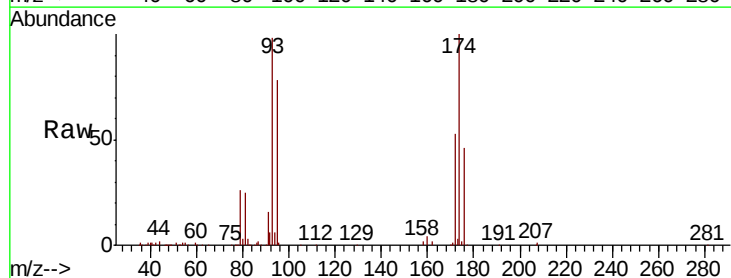
Tgt Ion: 93 Resp: 50859

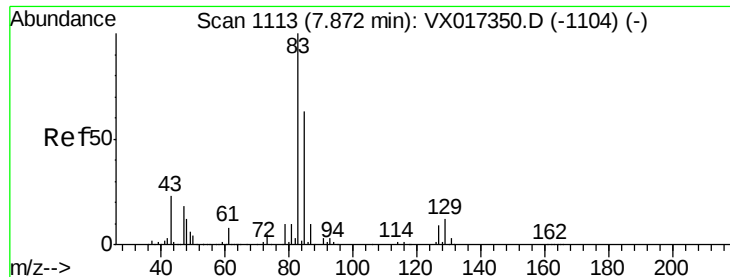
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.2

174 103.7 91.2 136.8

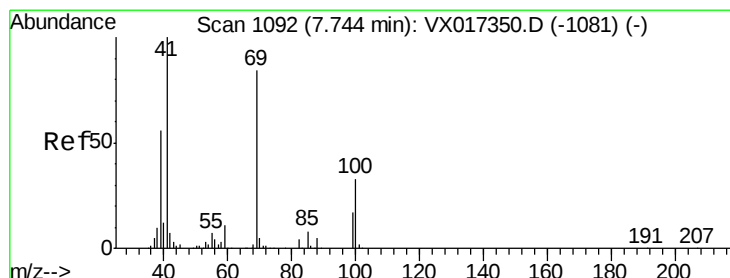
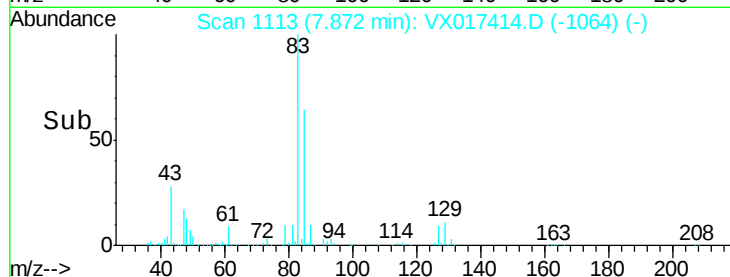
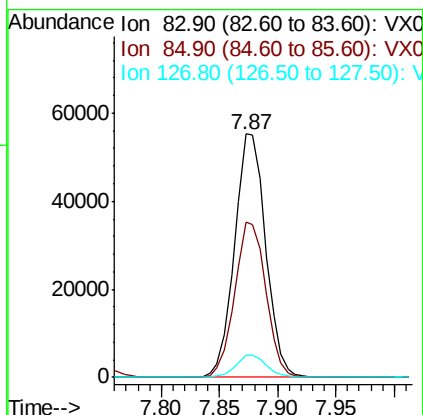
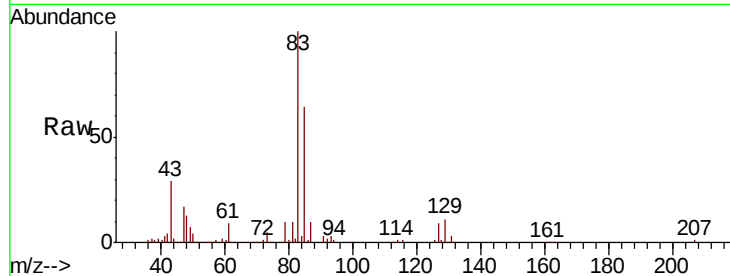




#47
 Bromodichloromethane
 Concen: 21.890 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

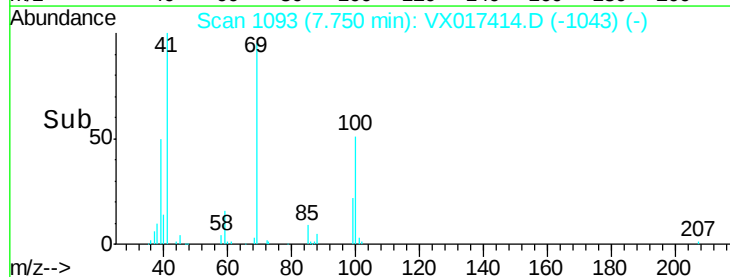
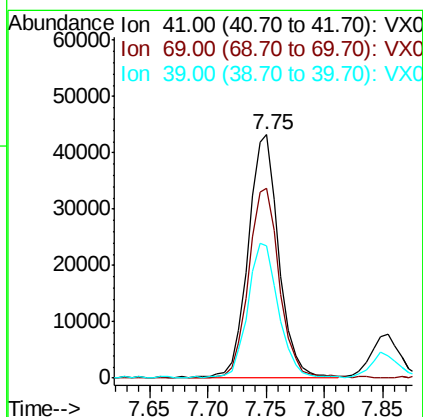
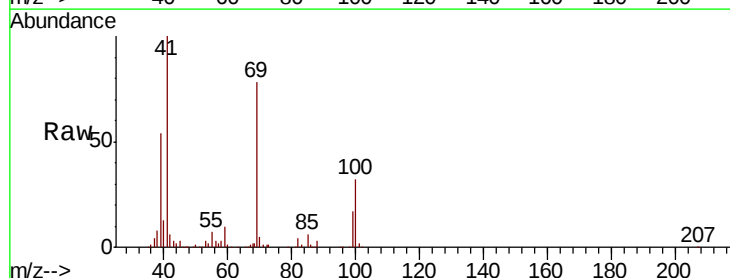
Instrument :
 MSVOA_X
 ClientSampleId :

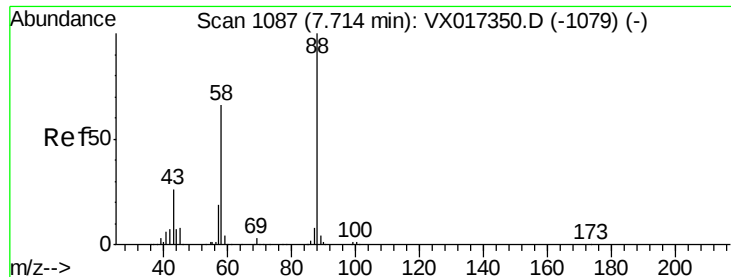
Tot Ion: 83 Resp: 103212
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.2 75.4
 127 9.3 7.1 10.7



#48
 Methyl methacrylate
 Concen: 23.303 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion: 41 Resp: 78583
 Ion Ratio Lower Upper
 41 100
 69 79.6 67.8 101.6
 39 55.8 45.1 67.7

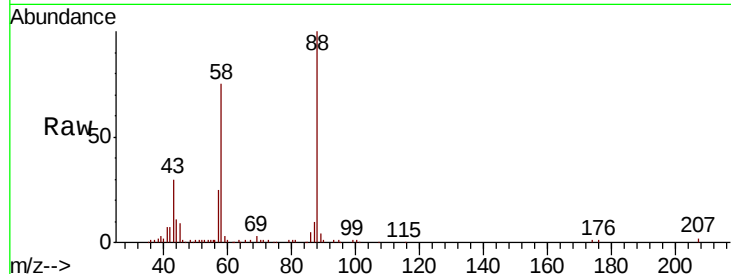




#49
 1,4-Dioxane
 Concen: 456.291 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	88	Resp	31489
Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.6	38.4
58	70.8	53.9	80.9

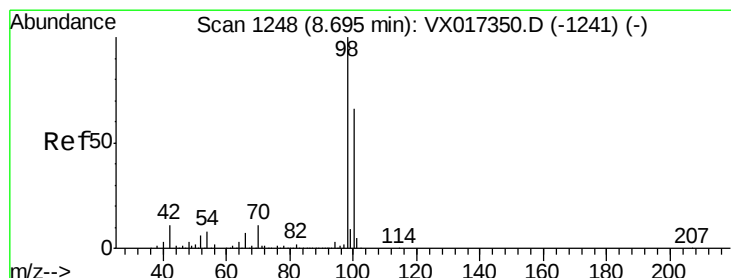
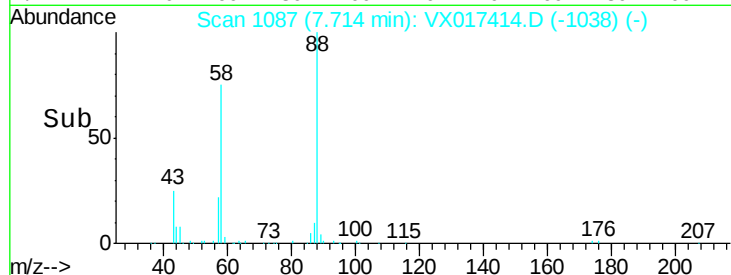
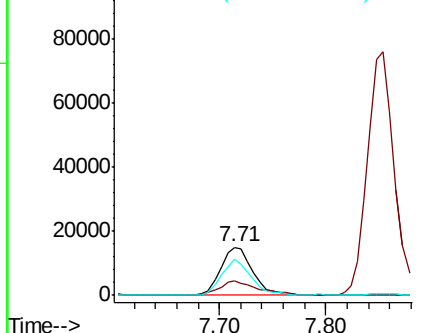


Abundance

Ion 88.00 (87.70 to 88.70): VX0

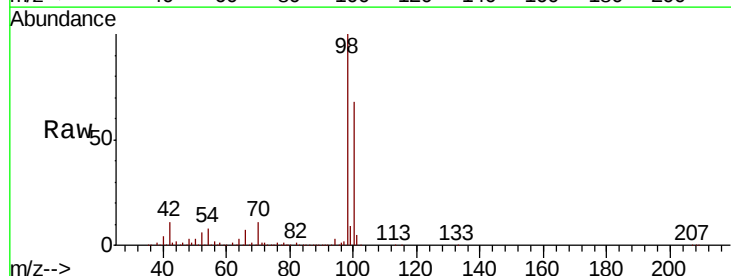
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 52.808 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

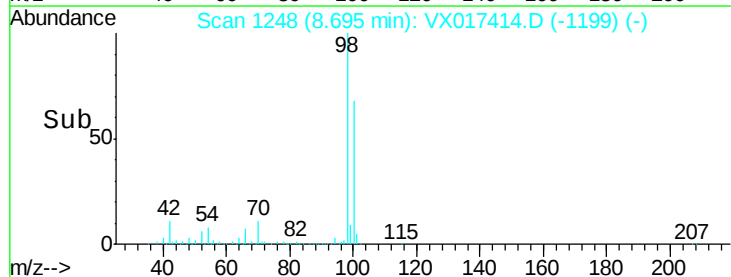
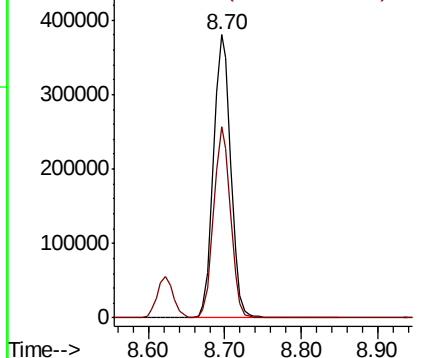
Tgt Ion	98	Resp	593238
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.2

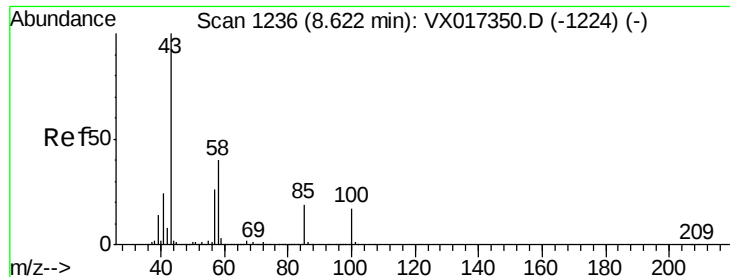


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

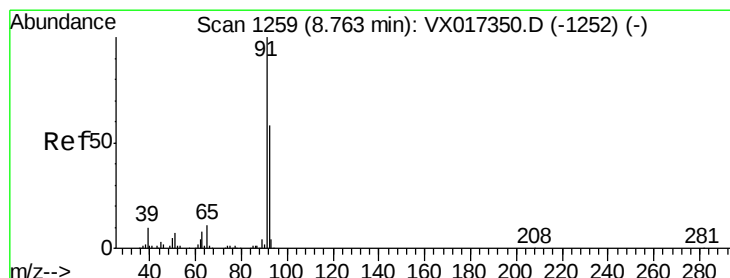
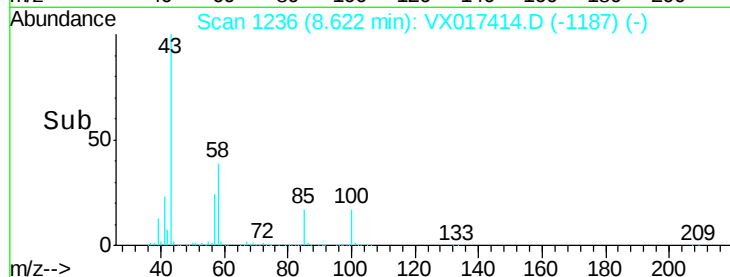
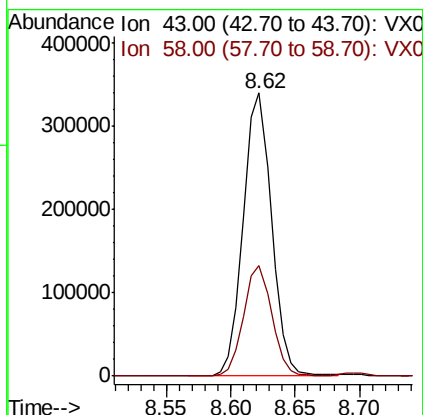
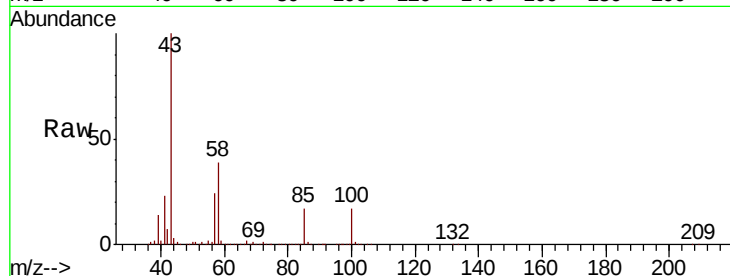




#51
 4-Methyl-2-Pentanone
 Concen: 120.681 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

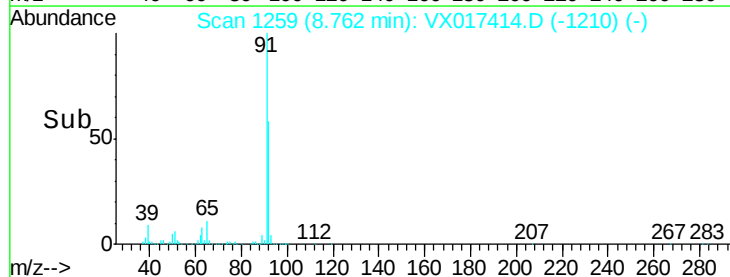
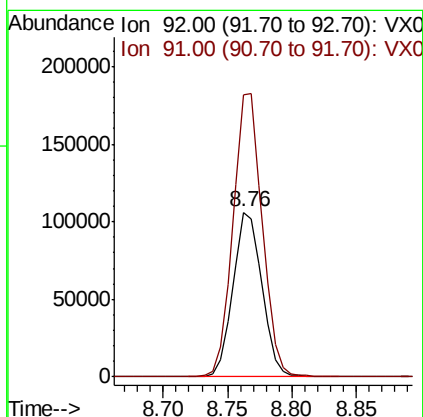
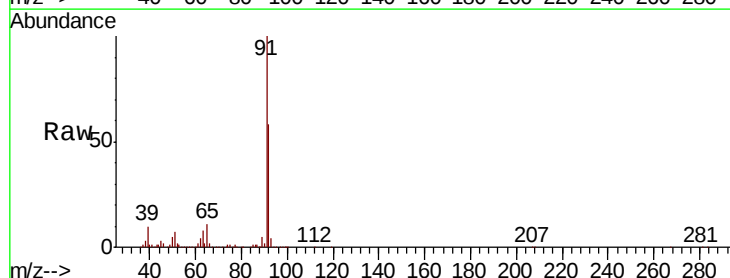
Instrument :
 MSVOA_X
 ClientSampleId :

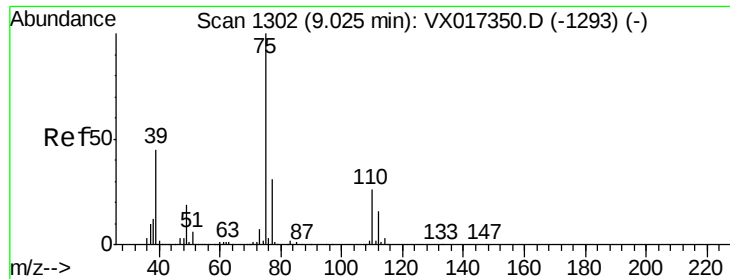
Tot Ion: 43 Resp: 517109
 Ion Ratio Lower Upper
 43 100
 58 39.1 32.2 48.2



#52
 Toluene
 Concen: 21.289 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion: 92 Resp: 166960
 Ion Ratio Lower Upper
 92 100
 91 173.1 136.7 205.1

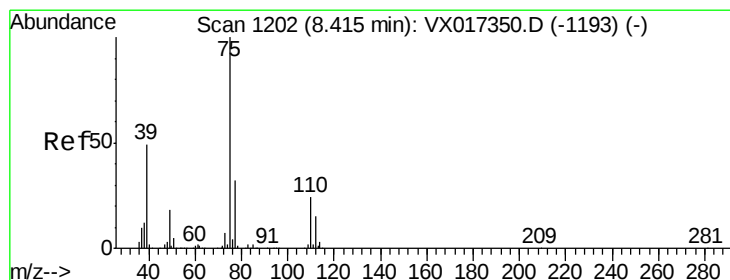
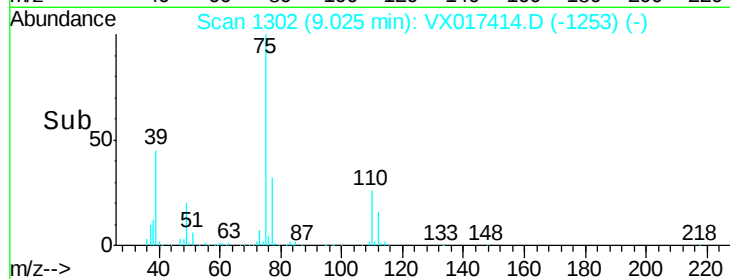
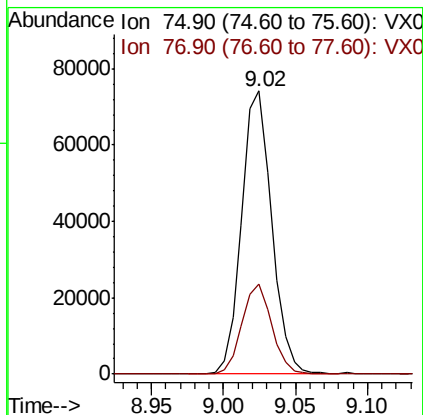
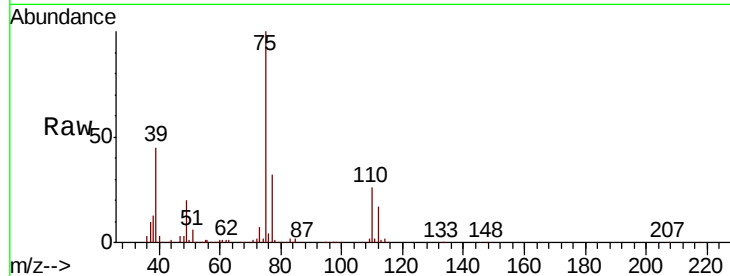




#53
t-1,3-Dichloropropene
Concen: 21.148 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

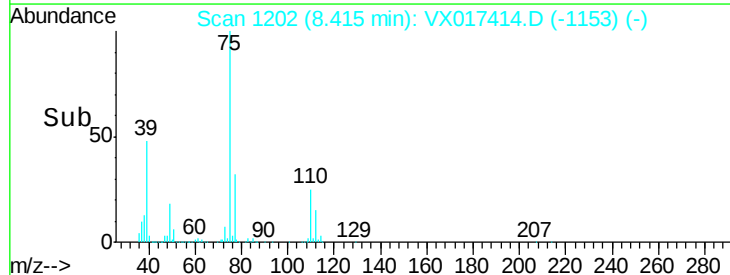
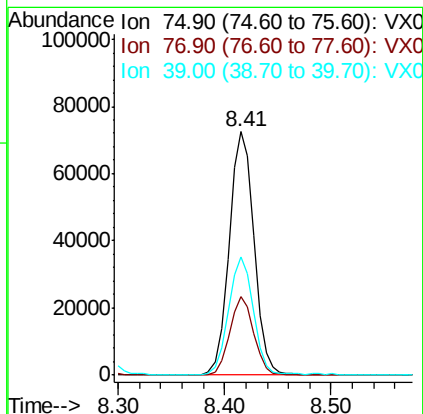
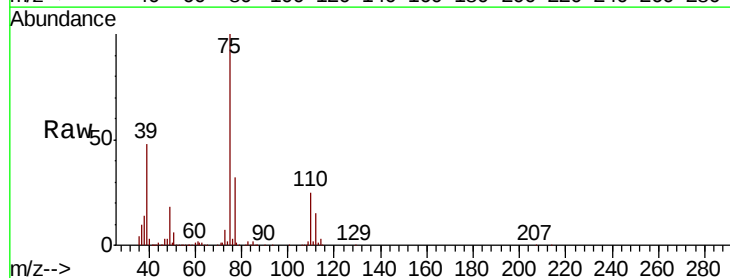
Instrument :
MSVOA_X
ClientSampleId :

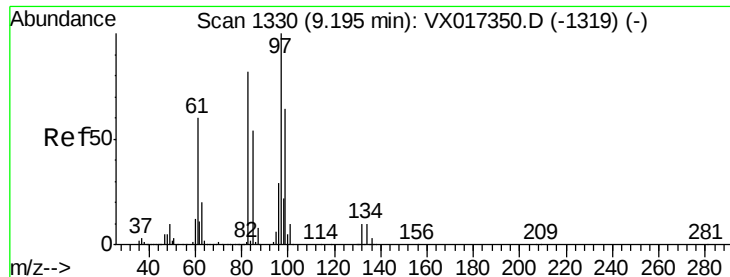
Tot Ion: 75 Resp: 107426
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 21.910 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 75 Resp: 118703
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 48.3 38.9 58.3

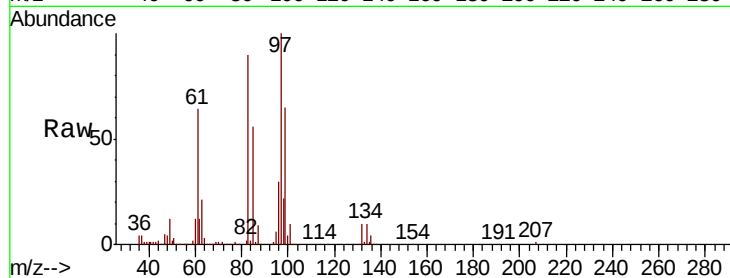




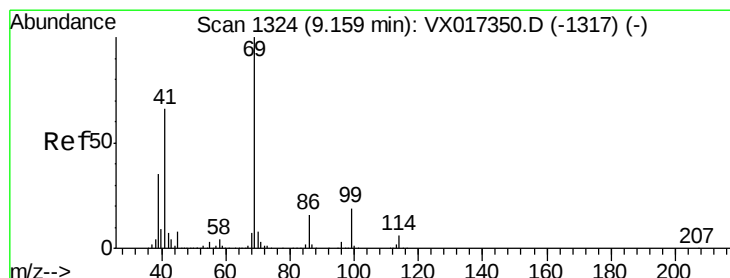
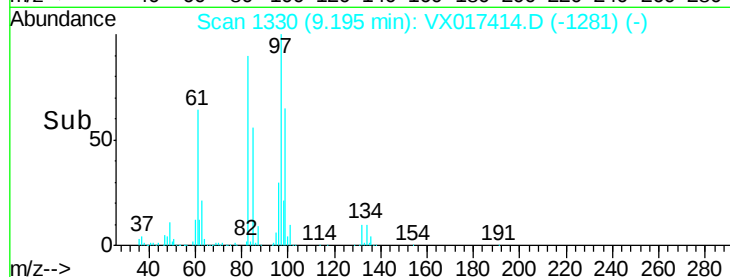
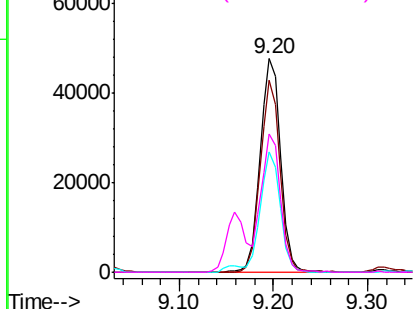
#55
 1,1,2-Trichloroethane
 Concen: 22.236 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	72720
Ion	Ratio	Lower	Upper
97	100		
83	90.0	65.8	98.6
85	56.3	42.8	64.2
99	64.7	51.2	76.8

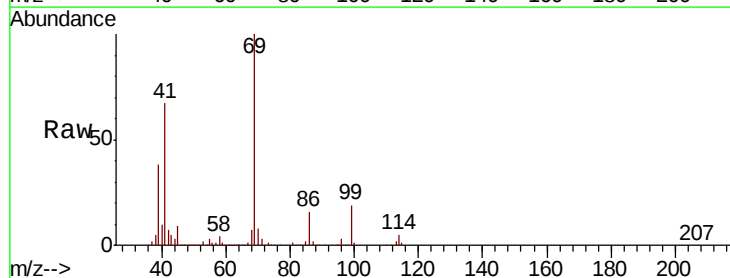


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

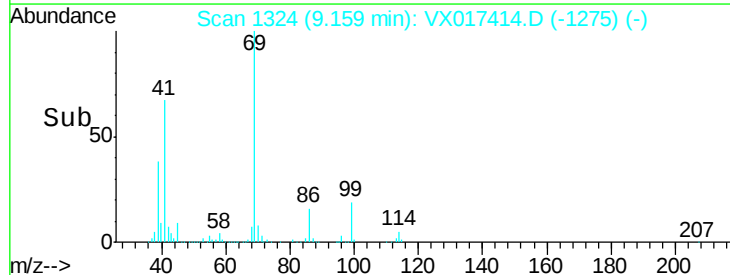
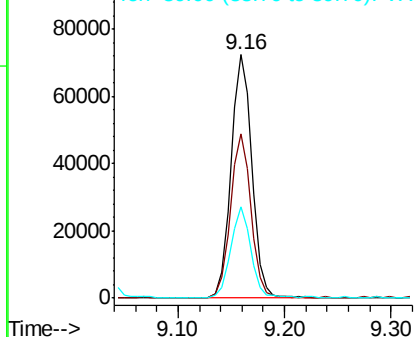


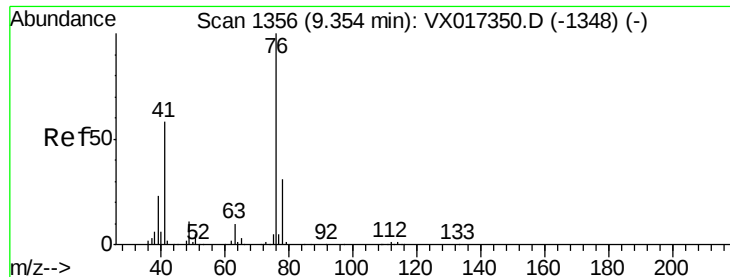
#56
 Ethyl methacrylate
 Concen: 21.532 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion:	69	Resp:	99975
Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.6	78.8
39	36.1	28.8	43.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 22.229 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

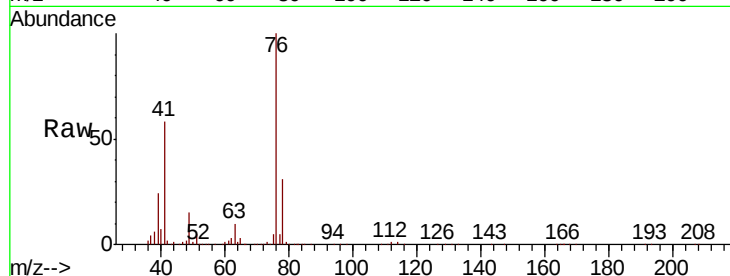
ClientSampleId :

Tot Ion: 76 Resp: 120928

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

80000

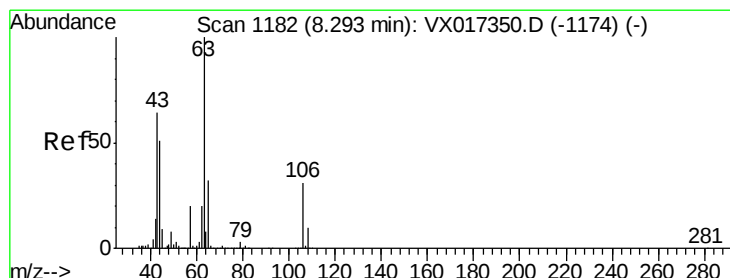
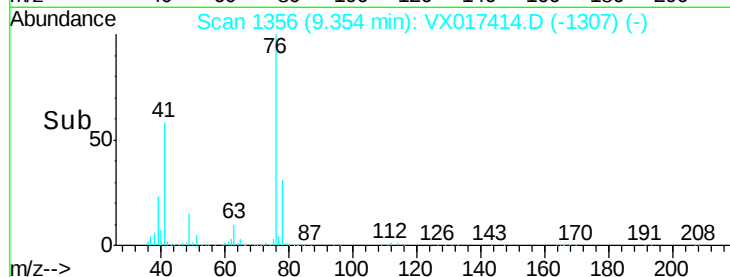
60000

40000

20000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 116.216 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017414.D

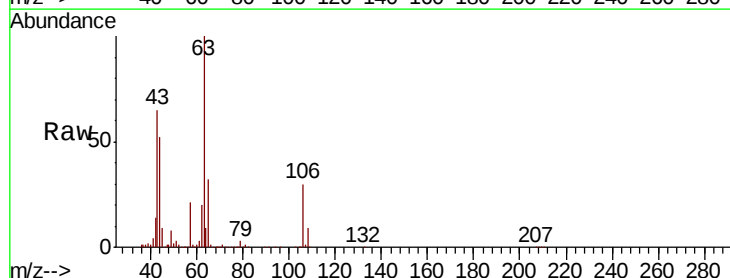
Acq: 17 Jul 2020 13:09

Tgt Ion: 63 Resp: 273980

Ion Ratio Lower Upper

63 100

106 29.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

200000

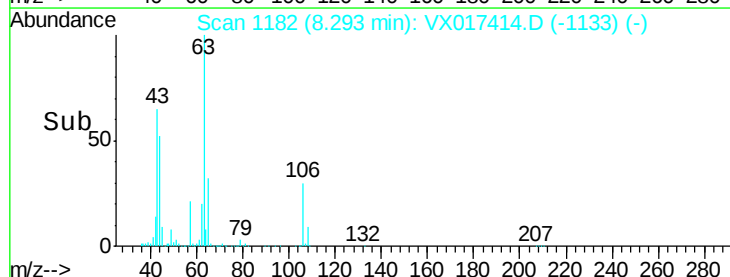
150000

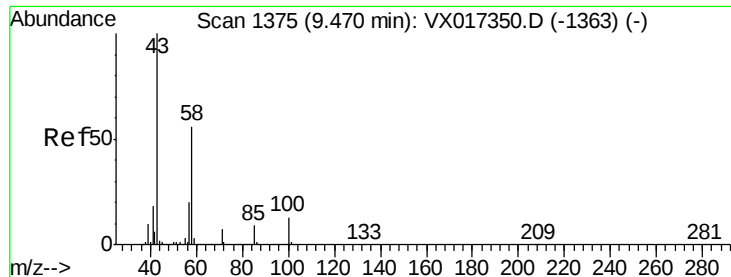
100000

50000

0

Time--> 8.20 8.25 8.30 8.35 8.40

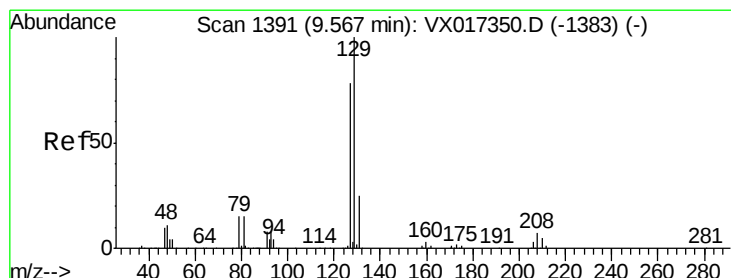
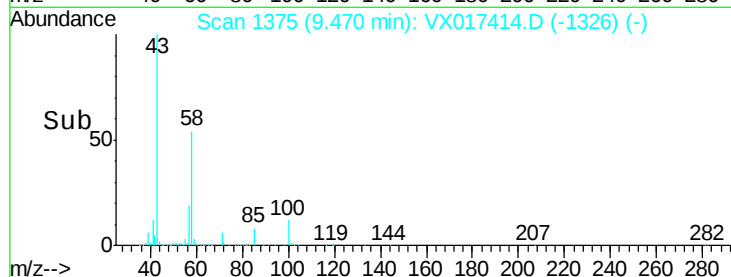
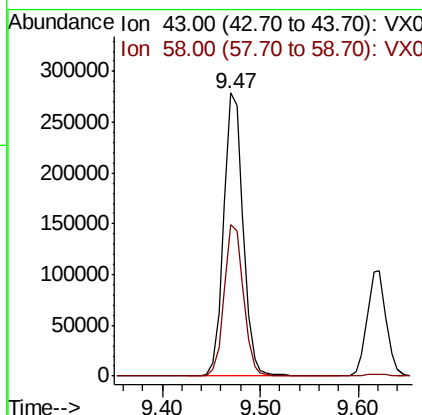
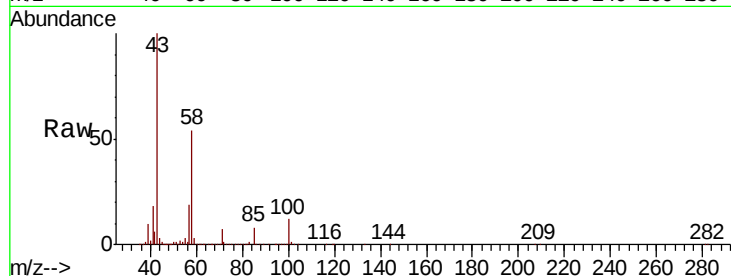




#59
2-Hexanone
Concen: 118.446 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

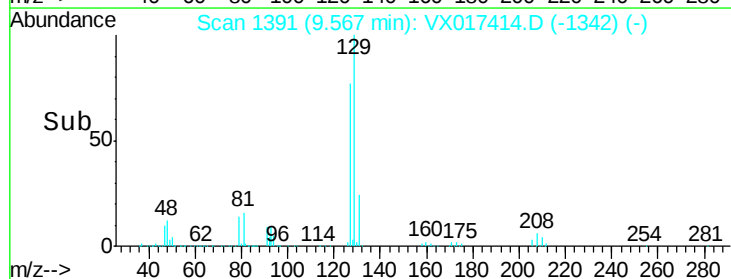
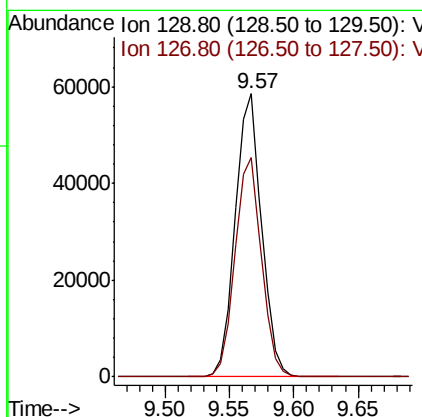
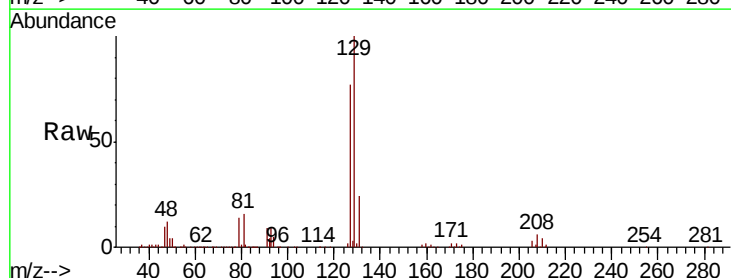
Instrument :
MSVOA_X
ClientSampleId :

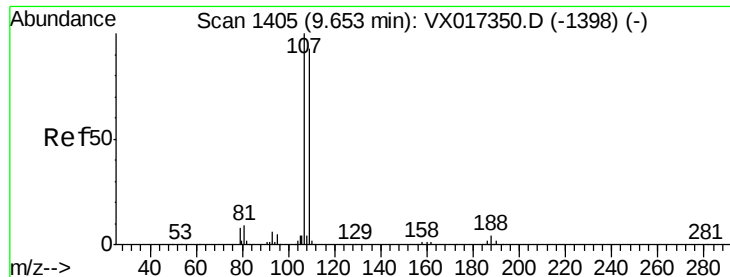
Tot Ion: 43 Resp: 383064
Ion Ratio Lower Upper
43 100
58 53.3 28.1 84.3



#60
Dibromochloromethane
Concen: 20.876 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 129 Resp: 83405
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.819 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

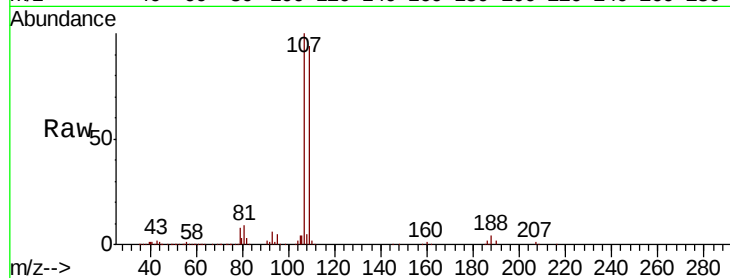
ClientSampleId :

Tot Ion:107 Resp: 77624

Ion Ratio Lower Upper

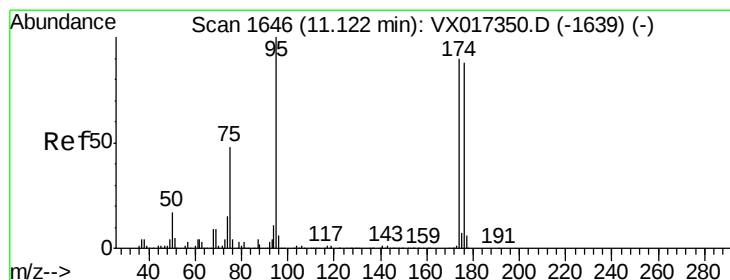
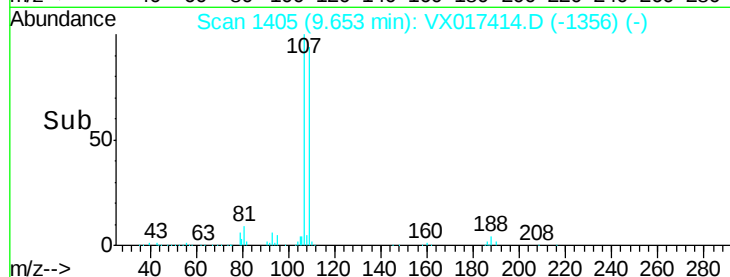
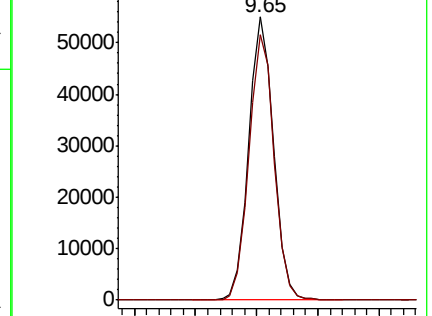
107 100

109 94.8 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.000 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

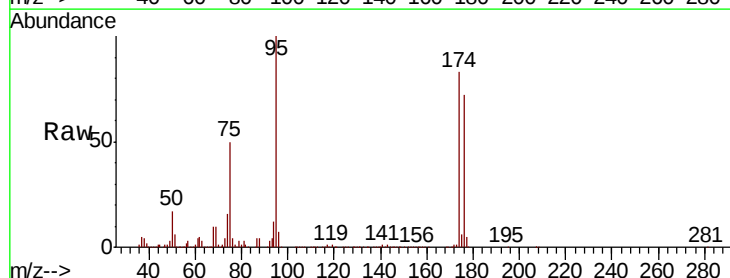
Tgt Ion: 95 Resp: 227576

Ion Ratio Lower Upper

95 100

174 82.1 0.0 175.8

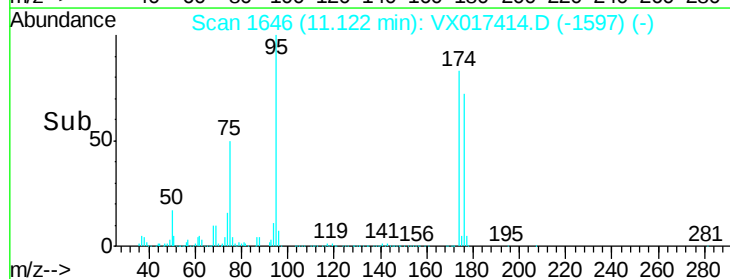
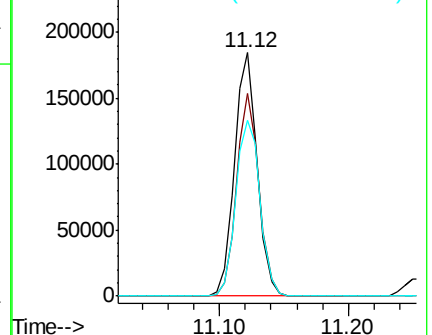
176 77.4 0.0 164.6

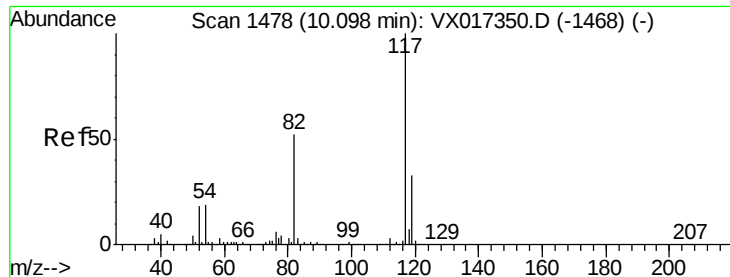


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

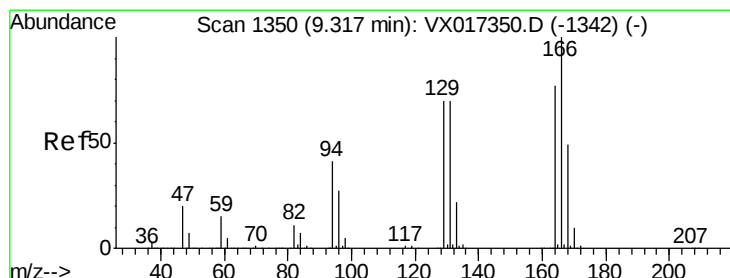
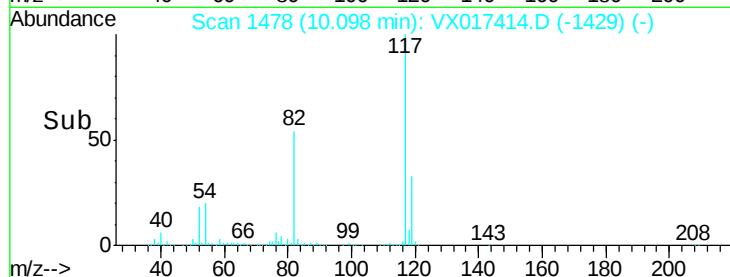
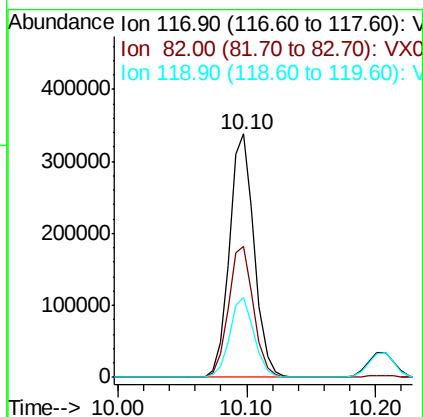
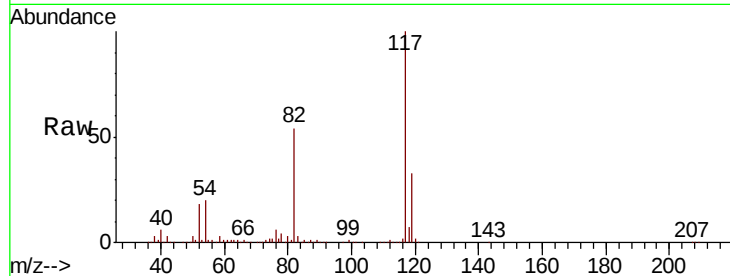




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

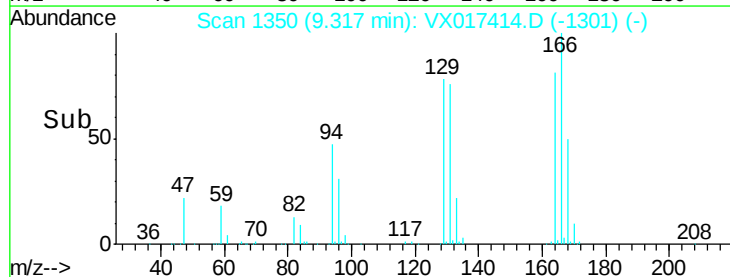
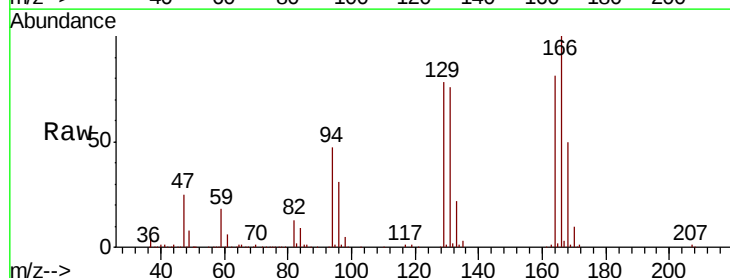
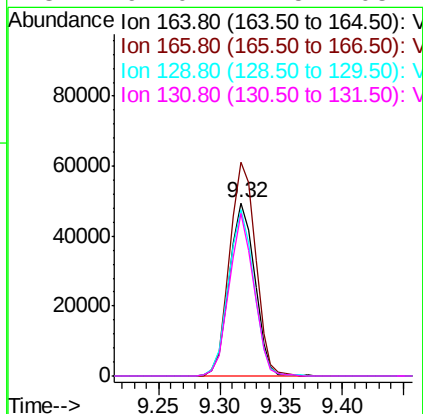
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 453732
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 18.165 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion:164 Resp: 71336
Ion Ratio Lower Upper
164 100
166 123.5 103.9 155.9
129 96.2 72.9 109.3
131 94.0 72.5 108.7

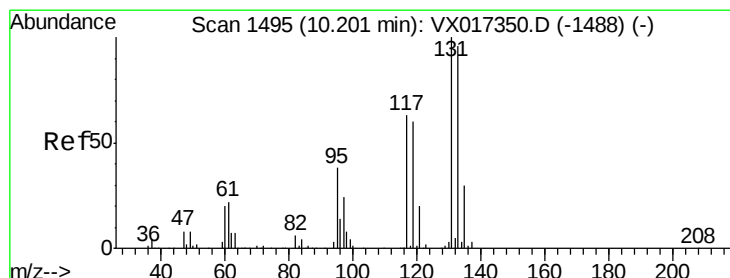
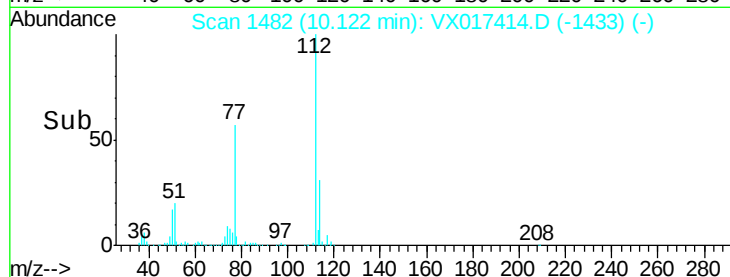
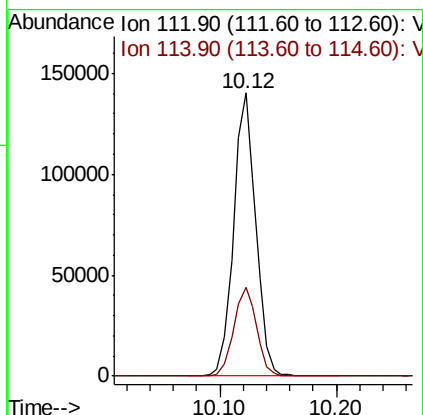
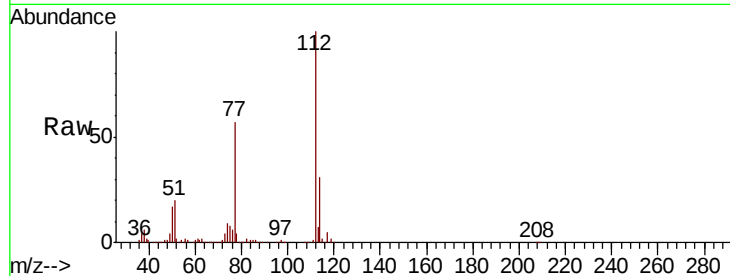




#65
Chlorobenzene
Concen: 20.152 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

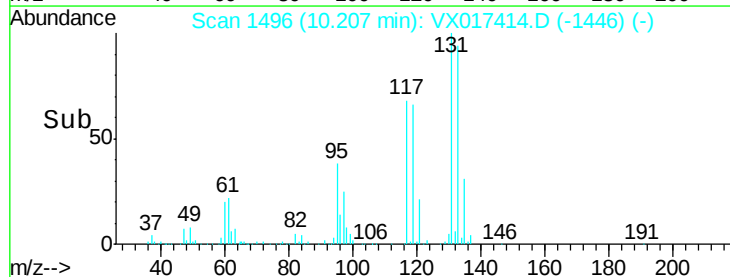
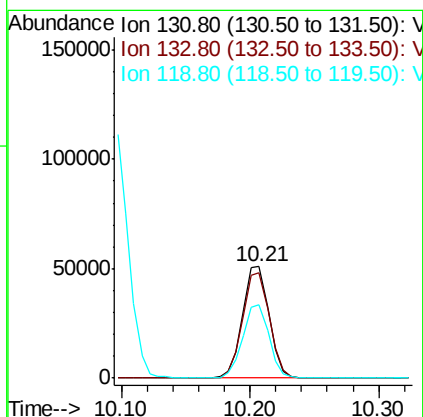
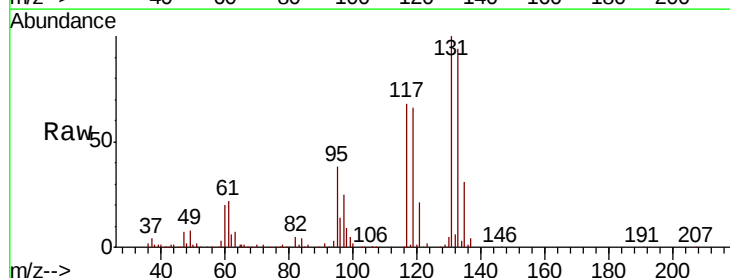
Instrument :
MSVOA_X
ClientSampleId :

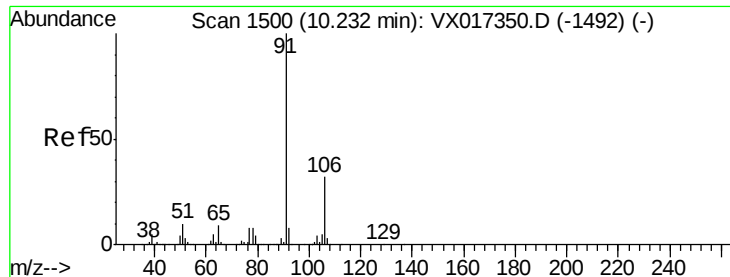
Tot Ion:112 Resp: 185818
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.807 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion:131 Resp: 72714
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 65.3 31.2 93.6





#67

Ethyl Benzene

Concen: 19.707 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

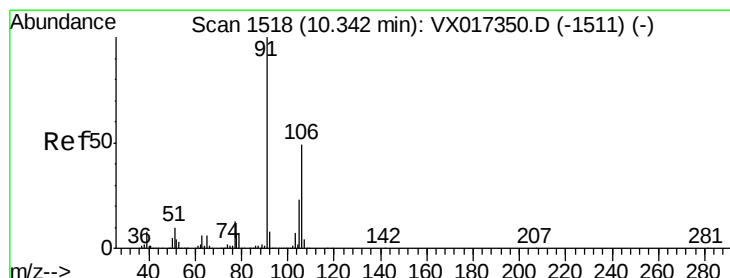
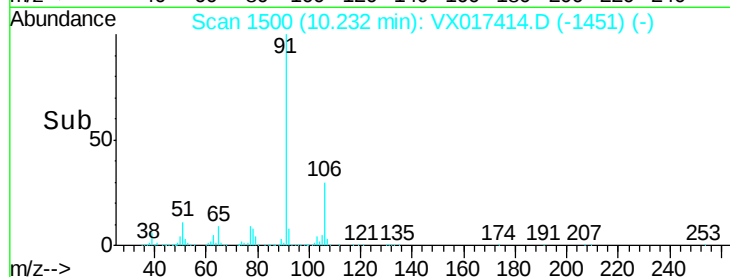
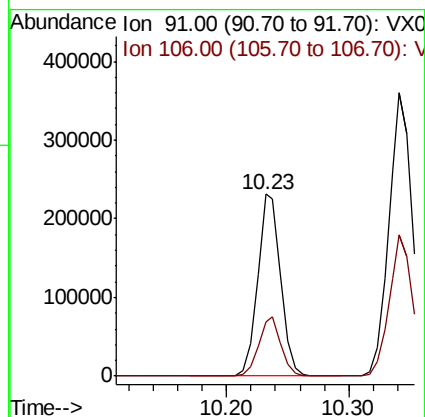
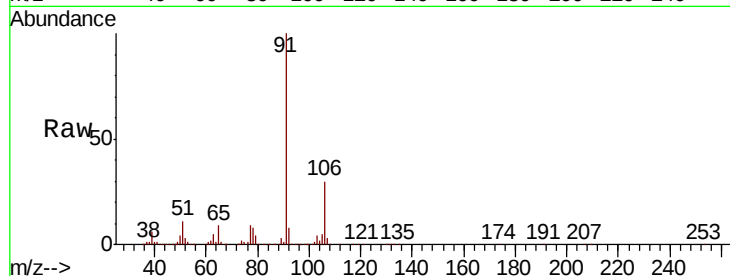
ClientSampled :

Tot Ion: 91 Resp: 302506

Ion Ratio Lower Upper

91 100

106 29.5 25.7 38.5



#68

m/p-Xylenes

Concen: 40.591 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017414.D

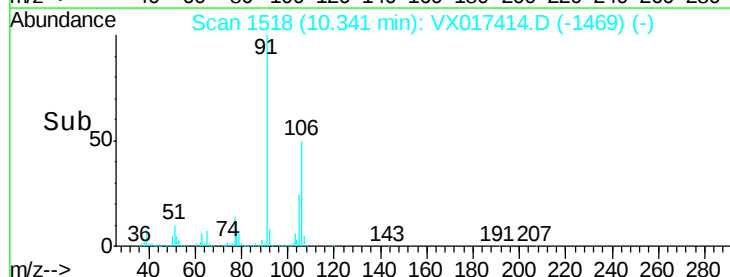
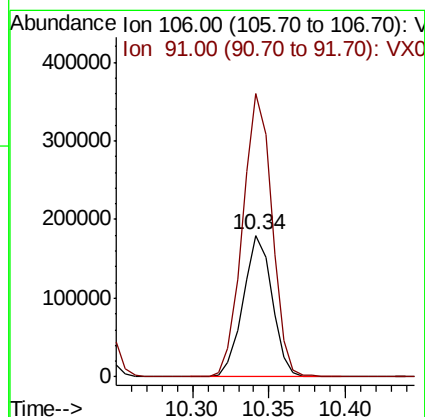
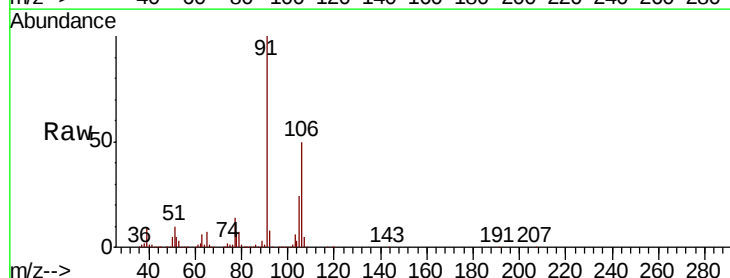
Acq: 17 Jul 2020 13:09

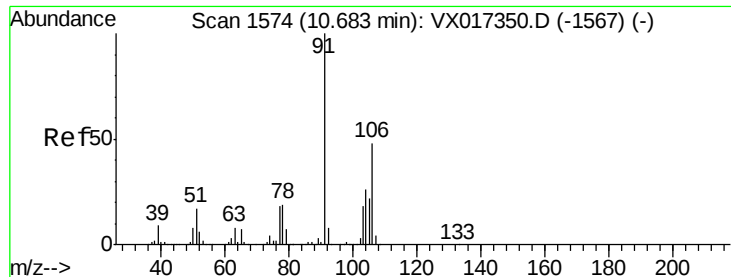
Tgt Ion: 106 Resp: 237072

Ion Ratio Lower Upper

106 100

91 202.1 162.5 243.7

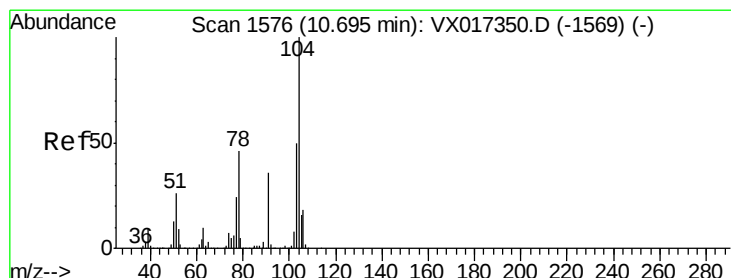
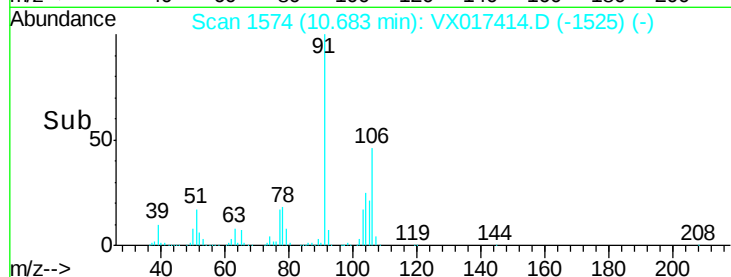
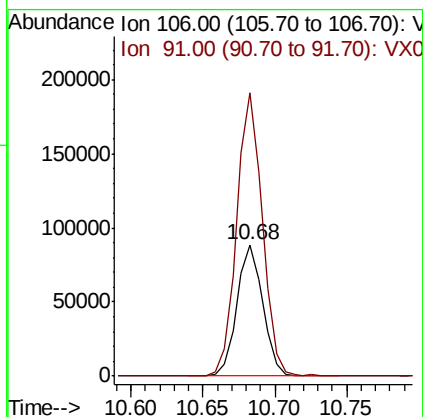
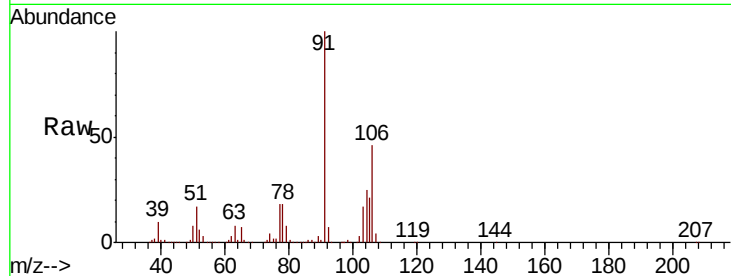




#69
o-Xylene
Concen: 19.877 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

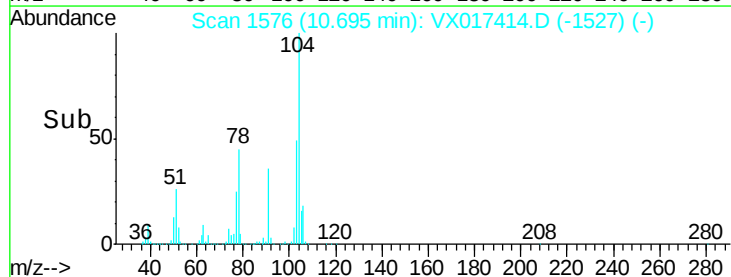
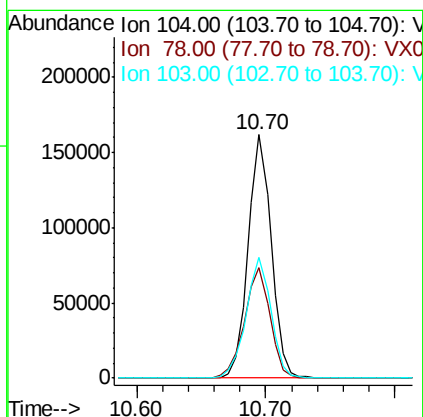
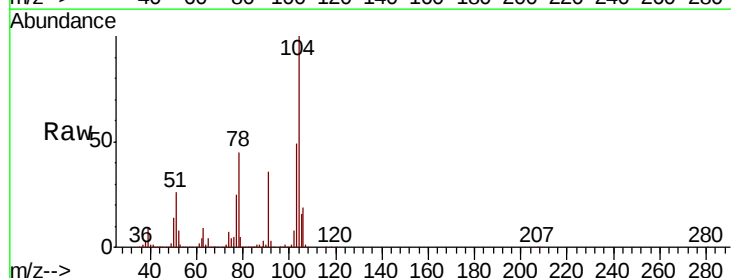
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 110929
Ion Ratio Lower Upper
106 100
91 213.7 106.1 318.1



#70
Styrene
Concen: 20.751 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion:104 Resp: 198790
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 53.9 43.3 64.9





#71

Bromoform

Concen: 19.972 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

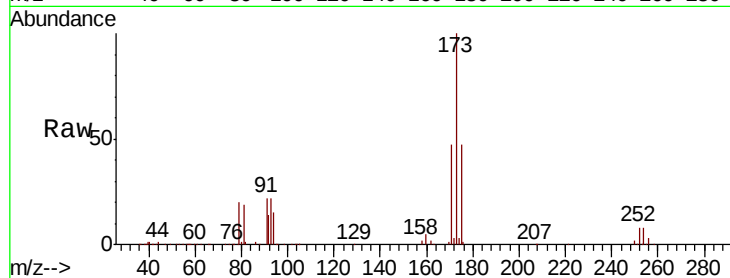
Tot Ion:173 Resp: 61869

Ion Ratio Lower Upper

173 100

175 49.9 24.7 74.1

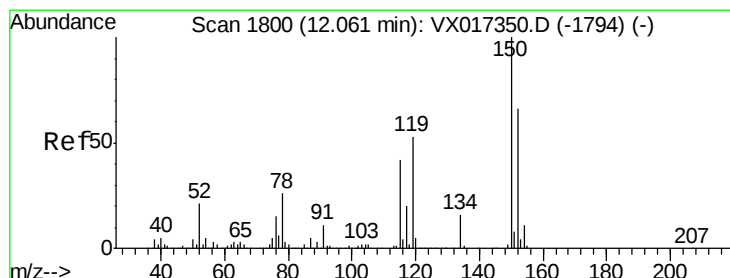
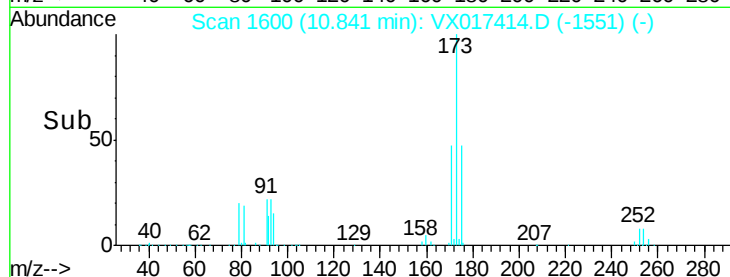
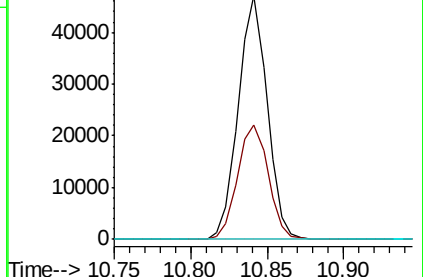
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

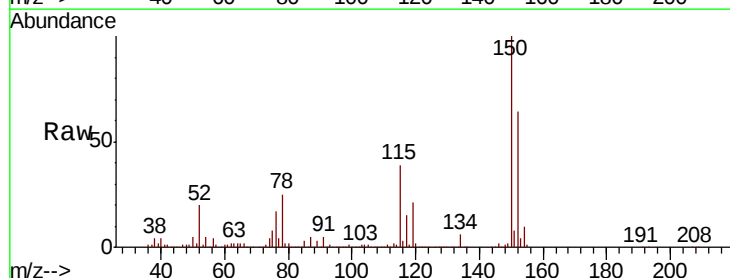
Tgt Ion:152 Resp: 245575

Ion Ratio Lower Upper

152 100

115 66.0 39.9 119.7

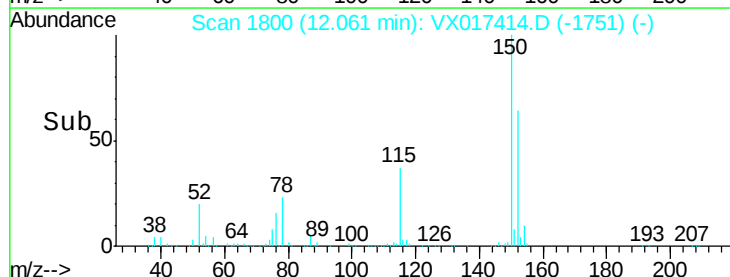
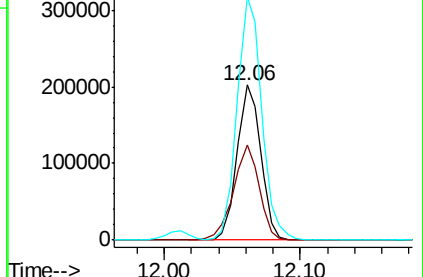
150 163.1 0.0 343.4

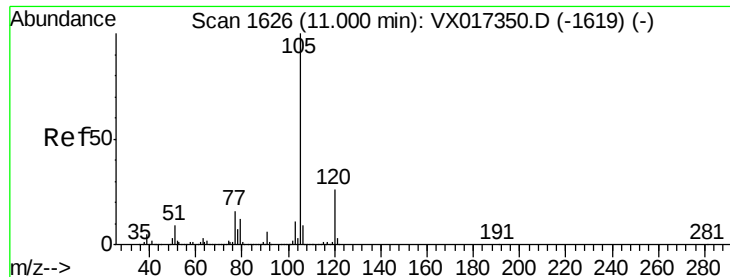


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.641 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

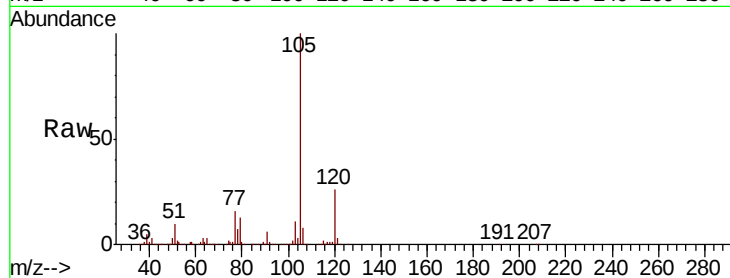
ClientSampleId :

Tot Ion: 105 Resp: 302361

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

250000

200000

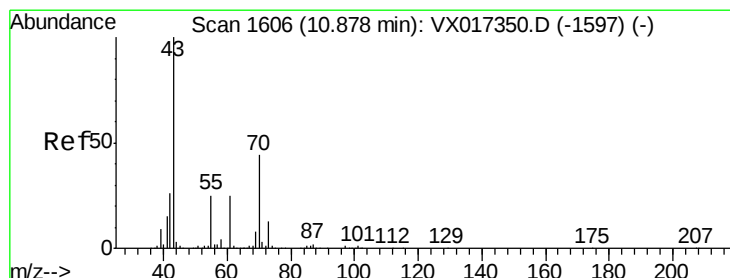
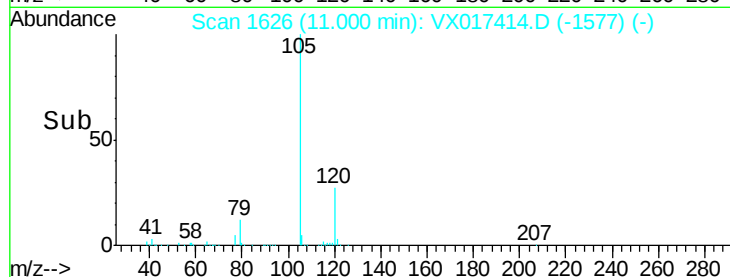
150000

100000

50000

0

Time--> 10.90 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 21.457 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion: 43 Resp: 132181

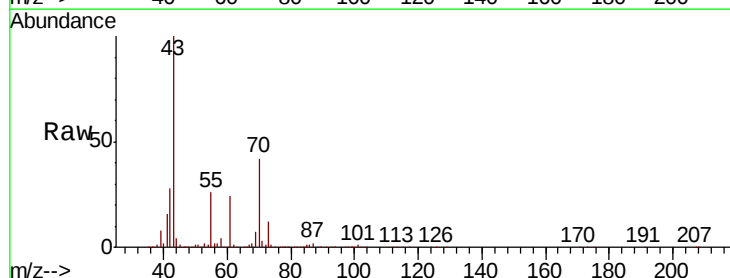
Ion Ratio Lower Upper

43 100

70 44.6 35.7 53.5

55 26.4 20.3 30.5

61 24.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

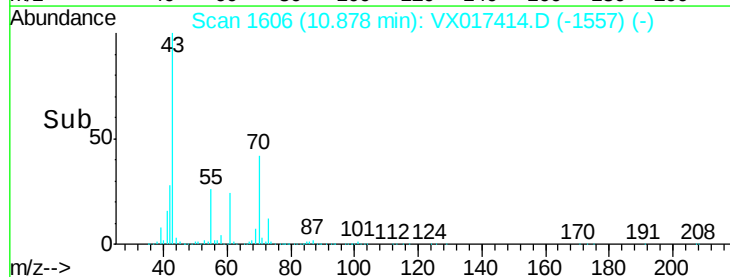
150000

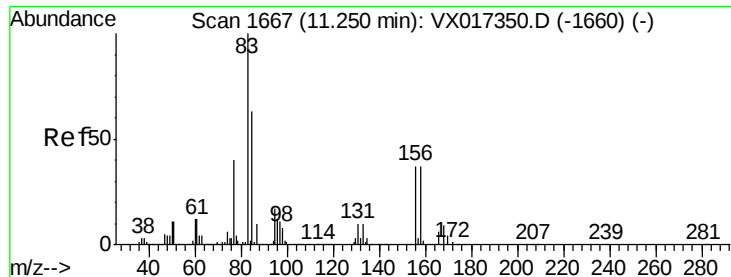
100000

50000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 22.987 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

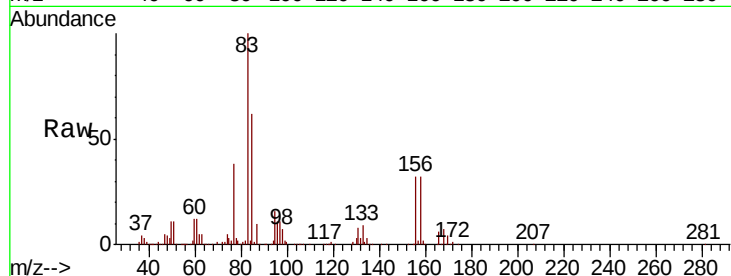
Tot Ion: 83 Resp: 107444

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.7

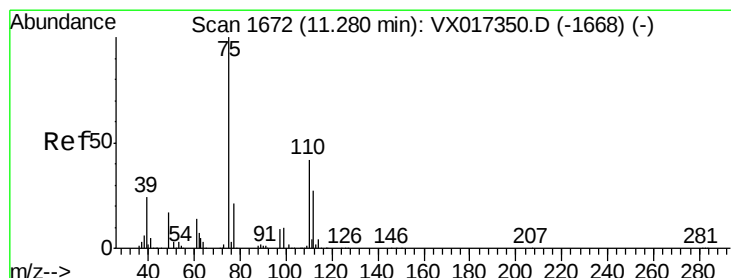
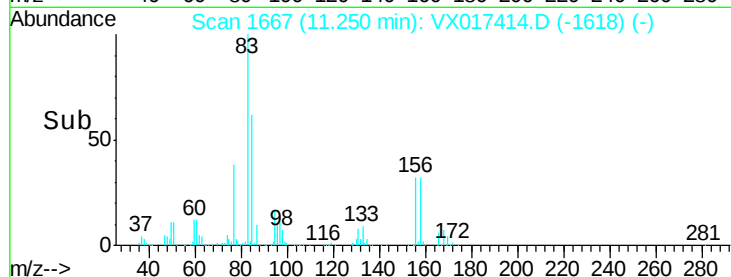
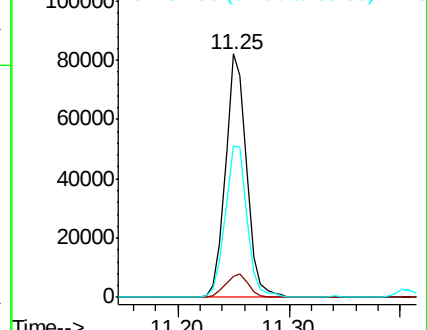
85 64.8 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.997 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017414.D

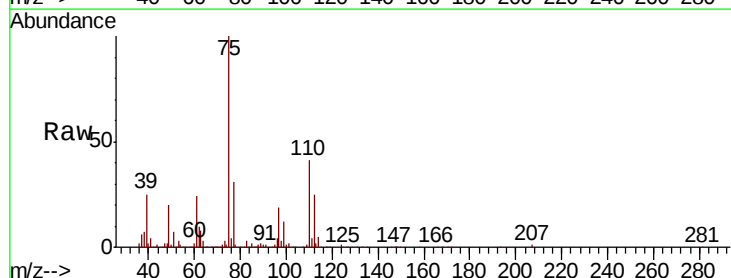
Acq: 17 Jul 2020 13:09

Tgt Ion: 75 Resp: 127046

Ion Ratio Lower Upper

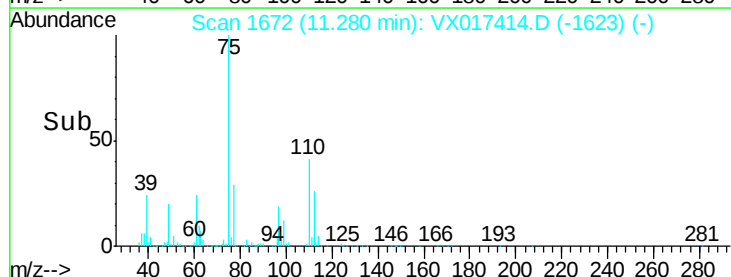
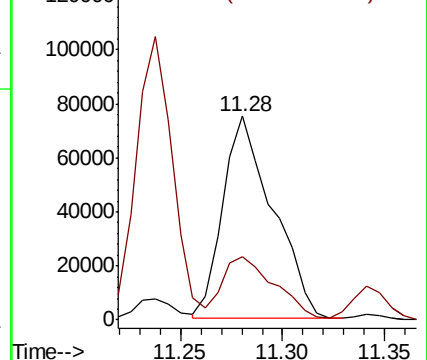
75 100

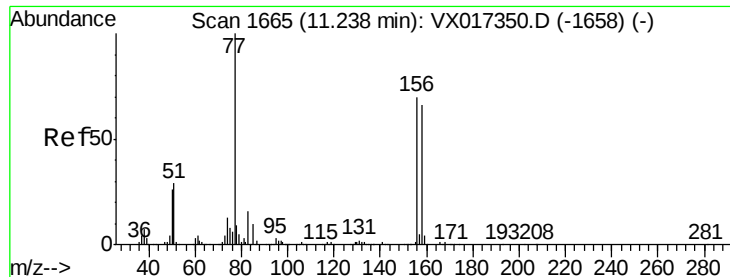
77 32.7 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.076 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

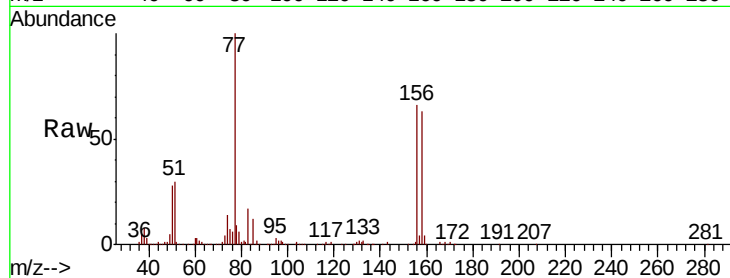
Tot Ion:156 Resp: 83640

Ion Ratio Lower Upper

156 100

77 156.2 72.1 216.3

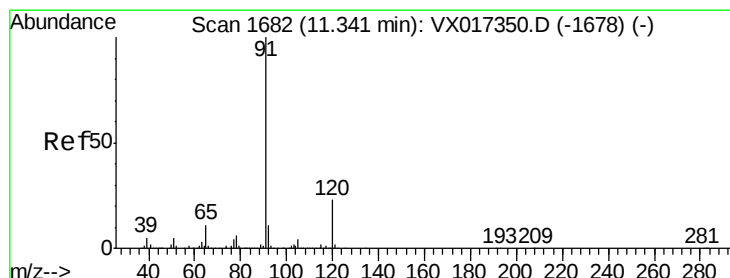
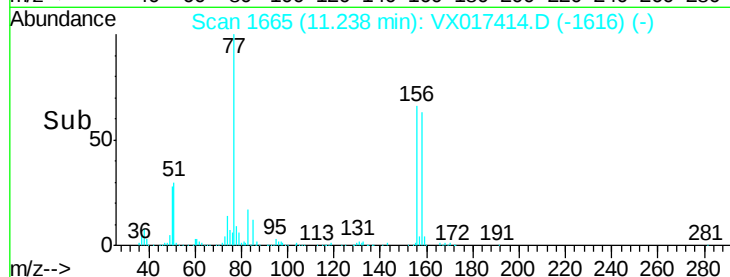
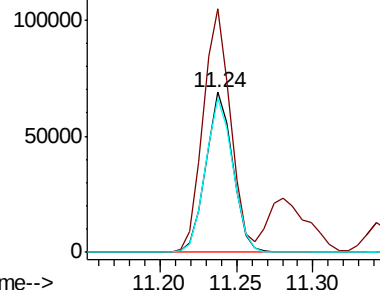
158 98.2 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.967 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017414.D

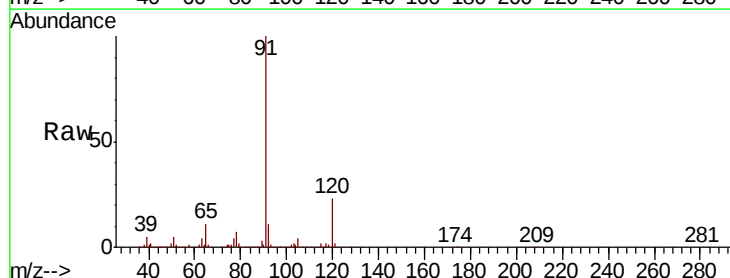
Acq: 17 Jul 2020 13:09

Tgt Ion: 91 Resp: 345206

Ion Ratio Lower Upper

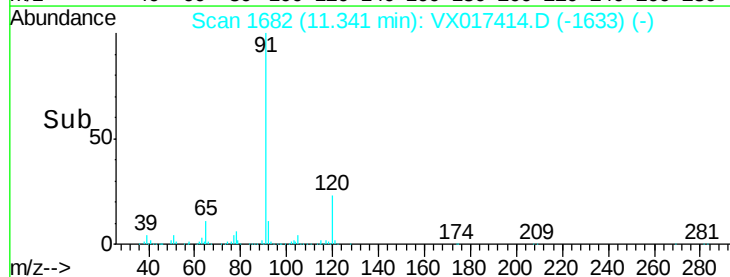
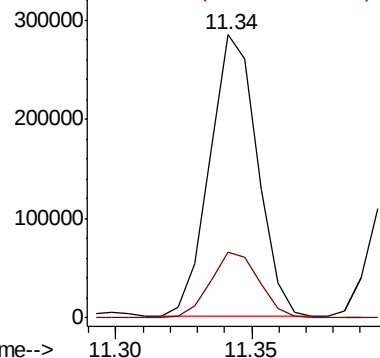
91 100

120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.319 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

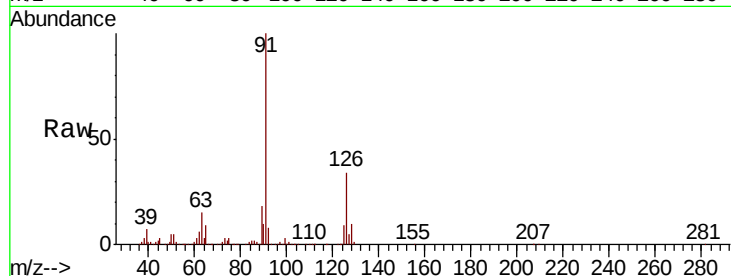
ClientSampleId :

Tot Ion: 91 Resp: 216480

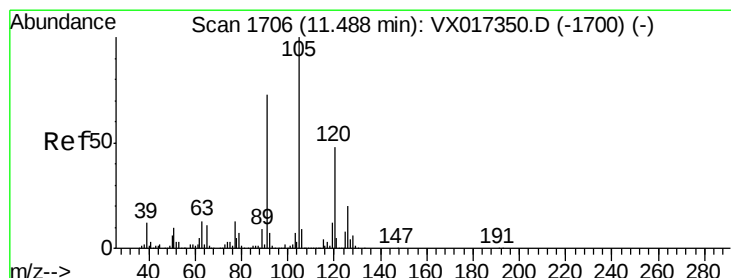
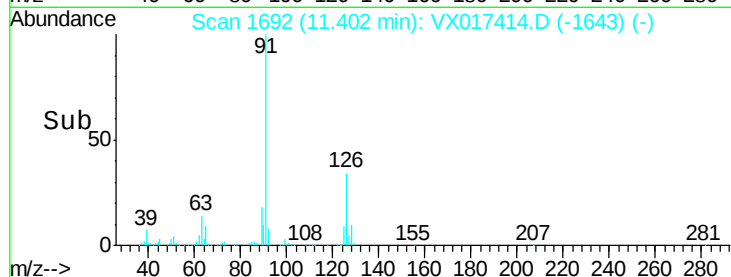
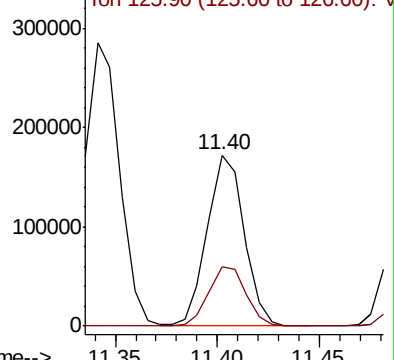
Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX017350.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.807 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017414.D

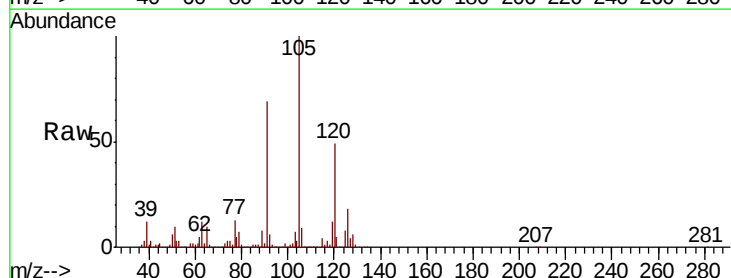
Acq: 17 Jul 2020 13:09

Tgt Ion: 105 Resp: 258827

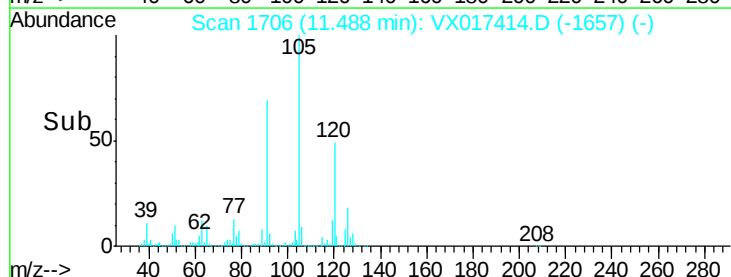
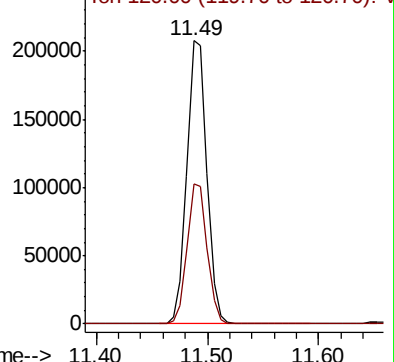
Ion Ratio Lower Upper

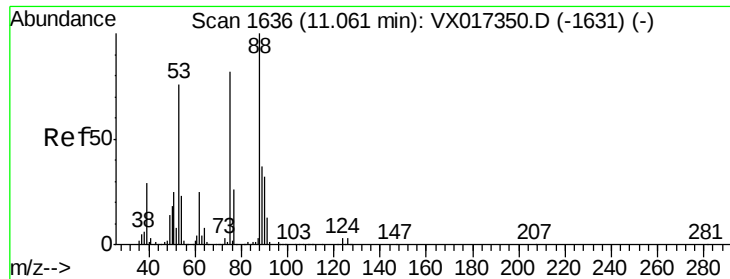
105 100

120 49.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX017350.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.822 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

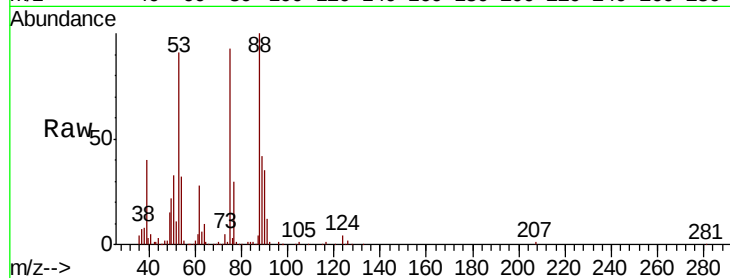
Tot Ion: 75 Resp: 35458

Ion Ratio Lower Upper

75 100

53 101.7 76.5 114.7

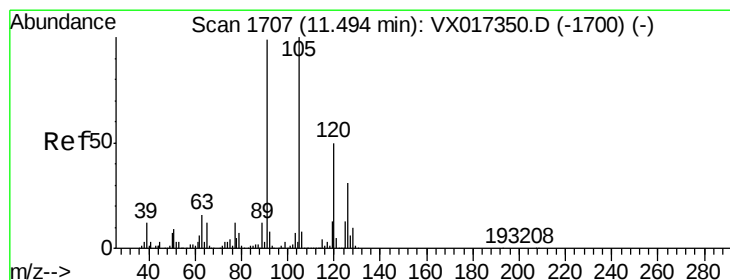
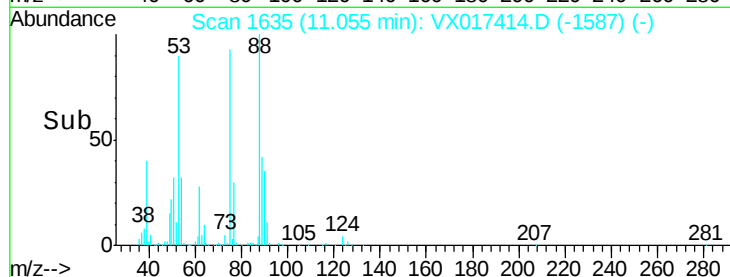
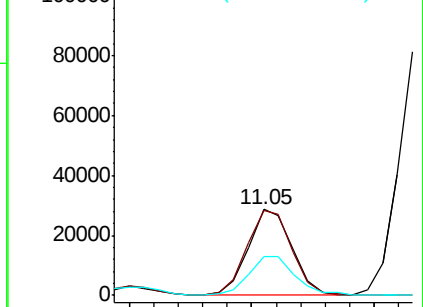
89 49.3 38.1 57.1



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: 20.336 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017414.D

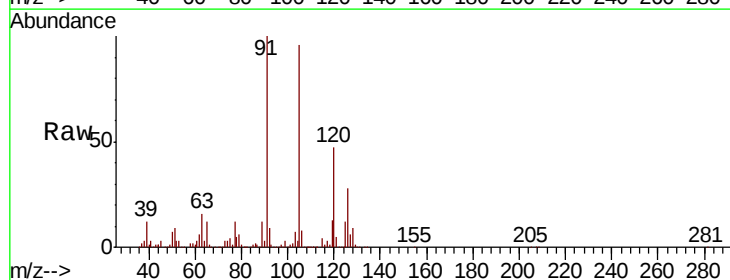
Acq: 17 Jul 2020 13:09

Tgt Ion: 91 Resp: 256781

Ion Ratio Lower Upper

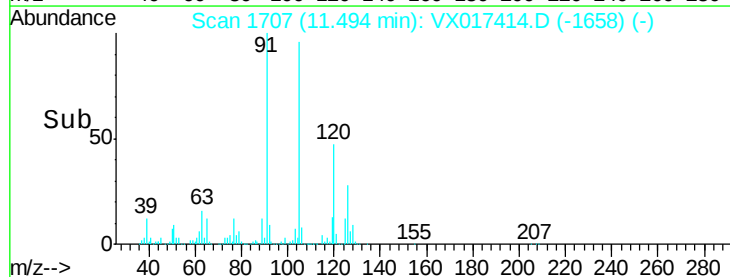
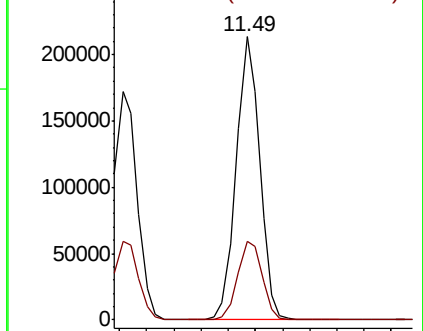
91 100

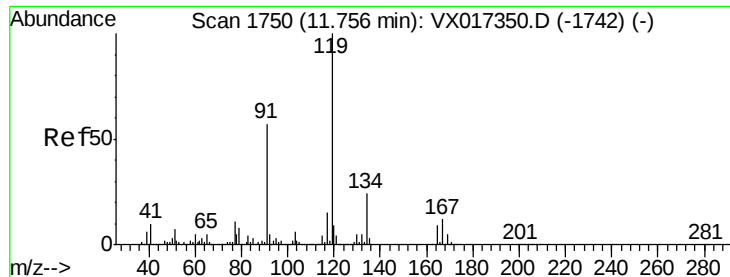
126 29.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

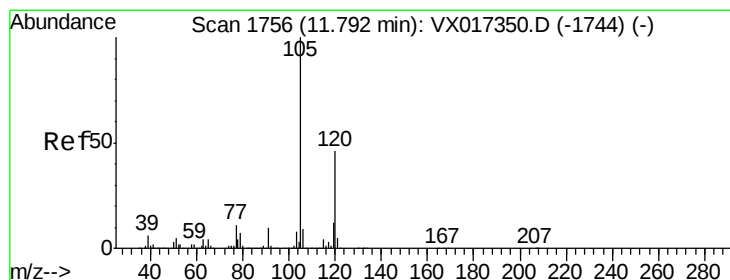
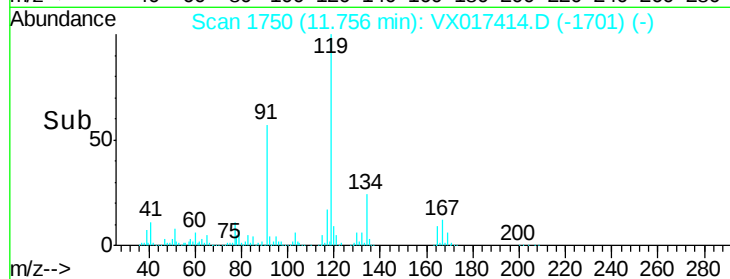
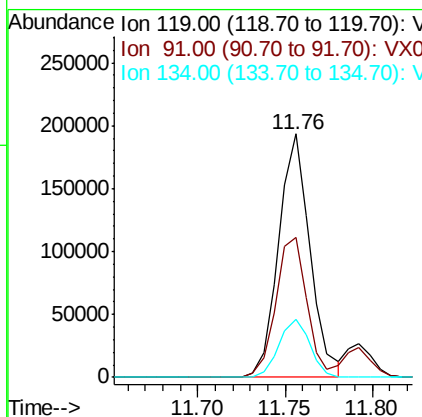
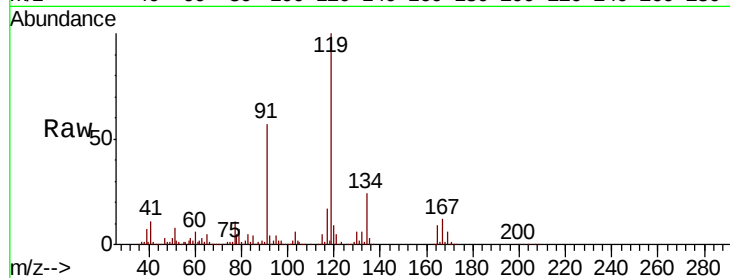




#83
tert-Butylbenzene
Concen: 19.172 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

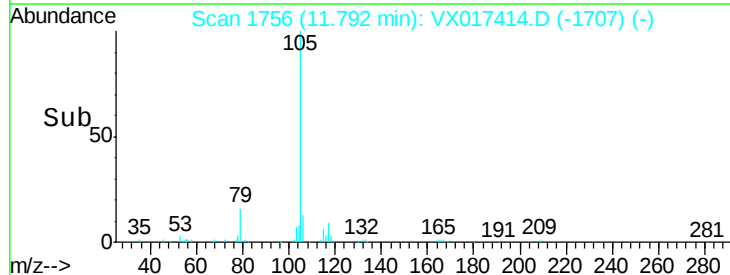
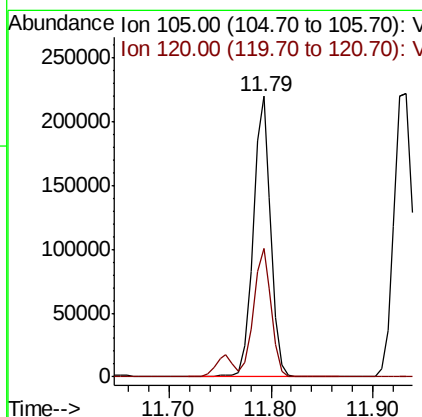
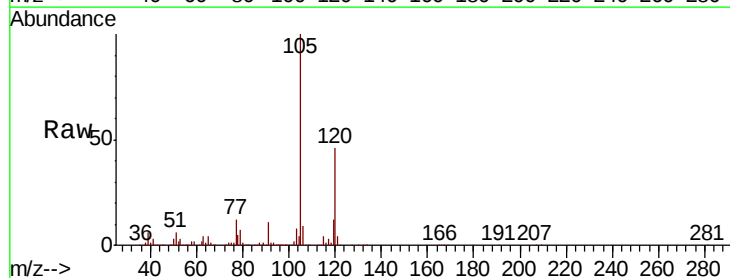
Instrument :
MSVOA_X
ClientSampleId :

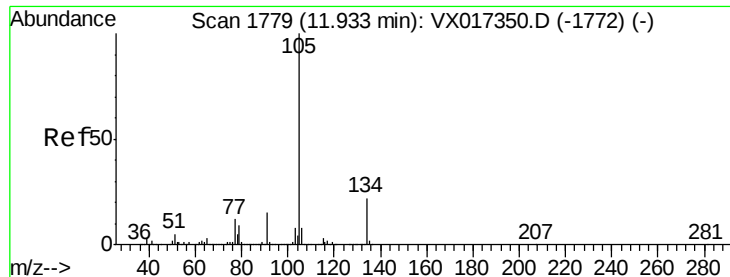
Tot Ion:119 Resp: 242187
Ion Ratio Lower Upper
119 100
91 56.8 28.5 85.6
134 23.8 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 19.959 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion:105 Resp: 263499
Ion Ratio Lower Upper
105 100
120 46.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.324 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

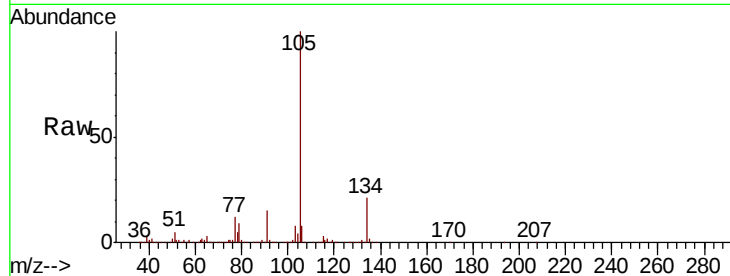
ClientSampleId :

Tot Ion:105 Resp: 285780

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

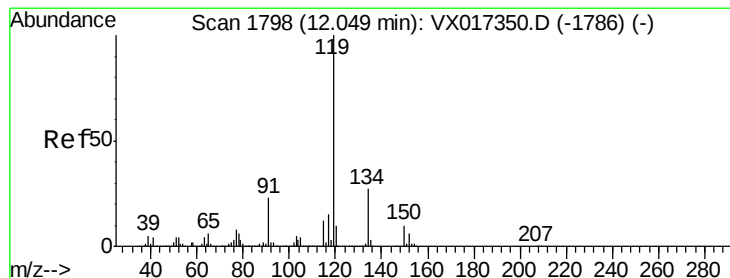
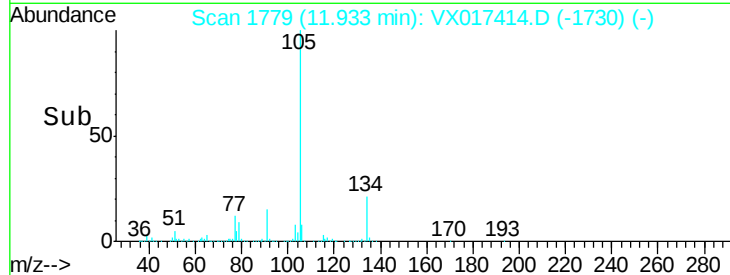
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.156 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

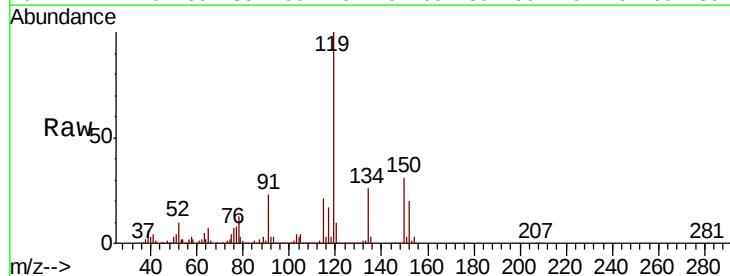
Tgt Ion:119 Resp: 268054

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 23.5 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

300000

250000

200000

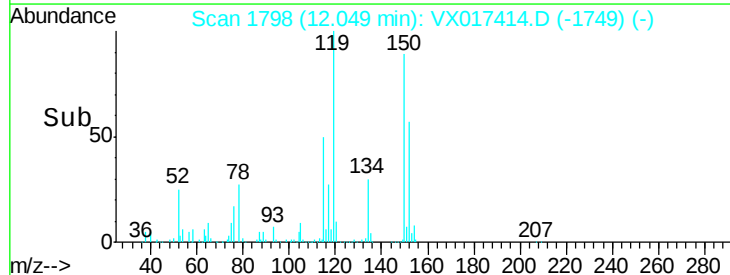
150000

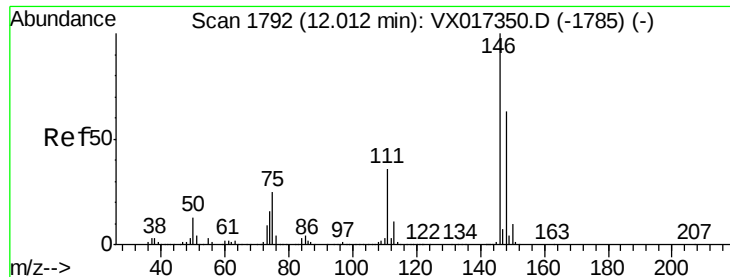
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.054 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

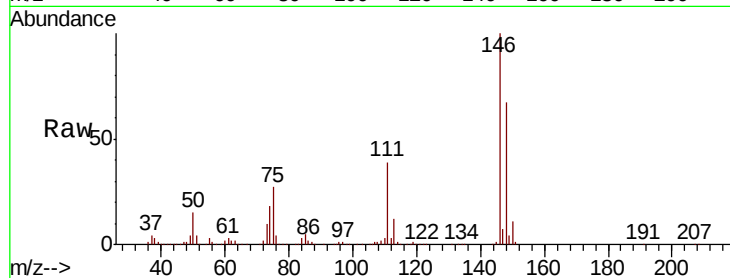
Tot Ion:146 Resp: 149449

Ion Ratio Lower Upper

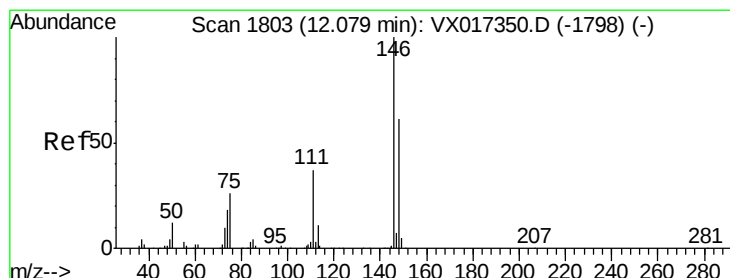
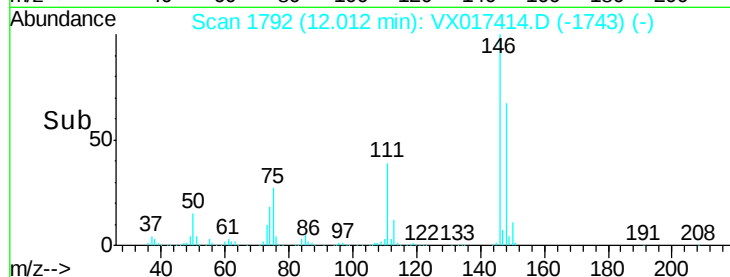
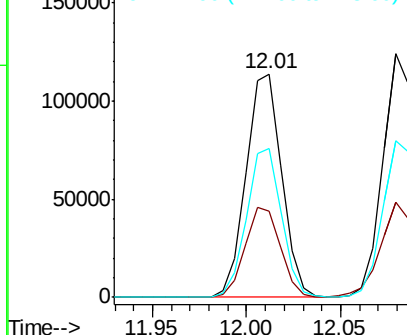
146 100

111 40.3 19.2 57.6

148 65.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.152 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

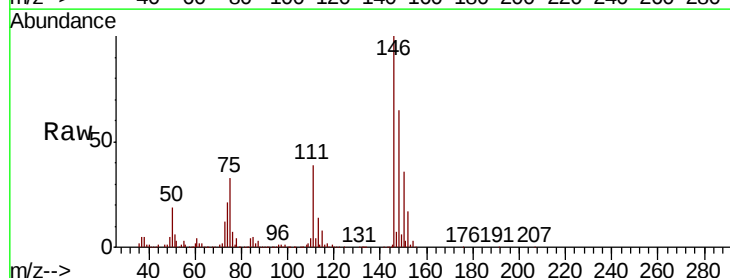
Tgt Ion:146 Resp: 151770

Ion Ratio Lower Upper

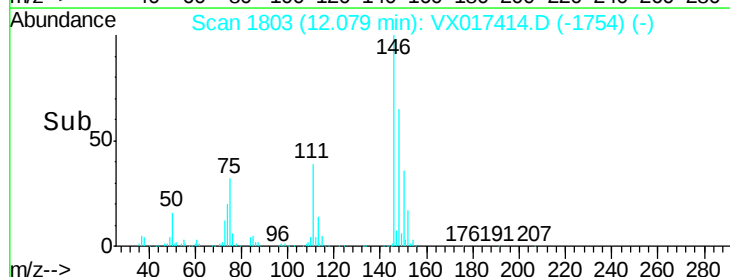
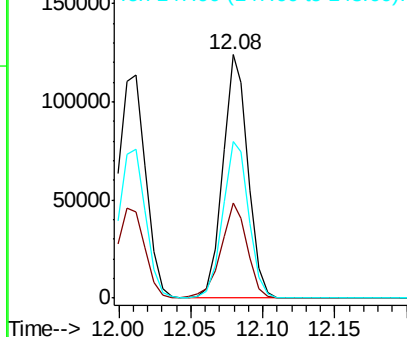
146 100

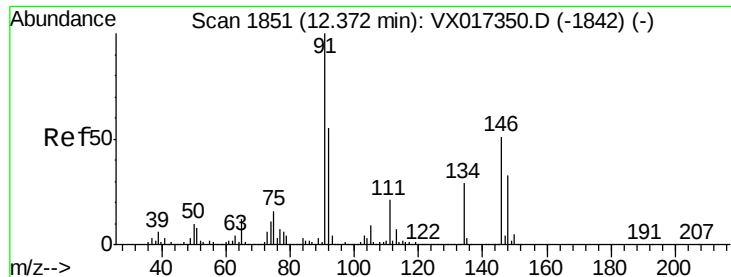
111 40.8 18.9 56.9

148 66.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

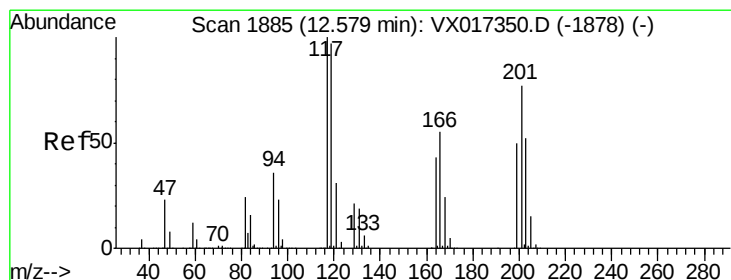
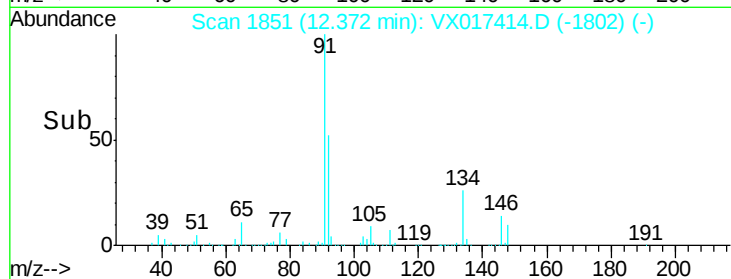
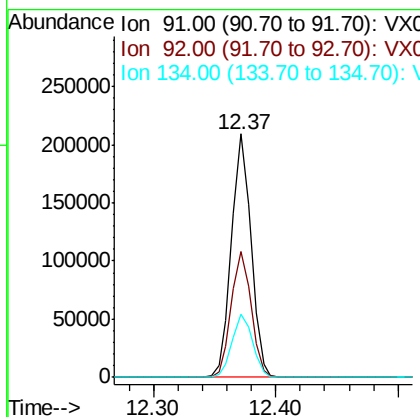
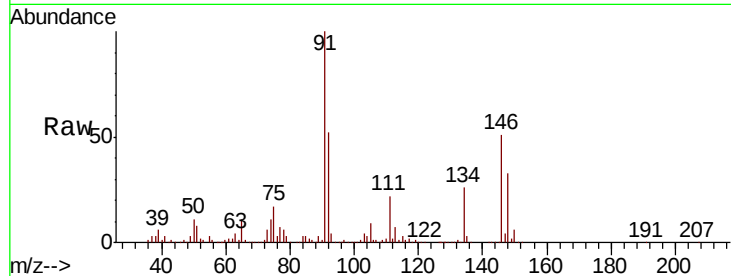




#89
n-Butylbenzene
Concen: 19.380 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

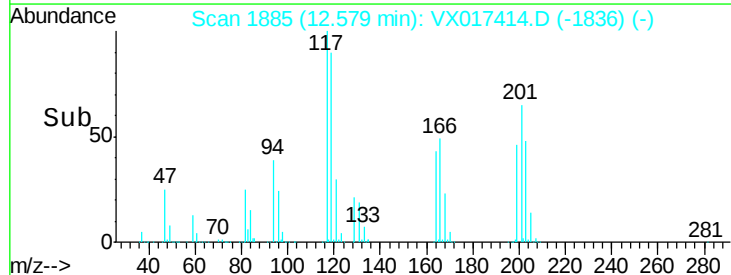
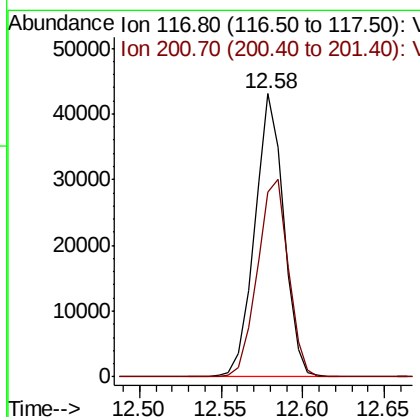
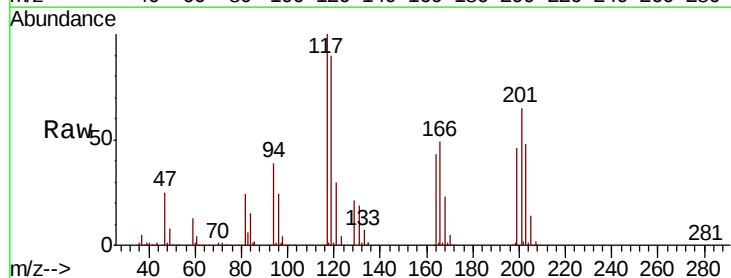
Instrument :
MSVOA_X
ClientSampled :

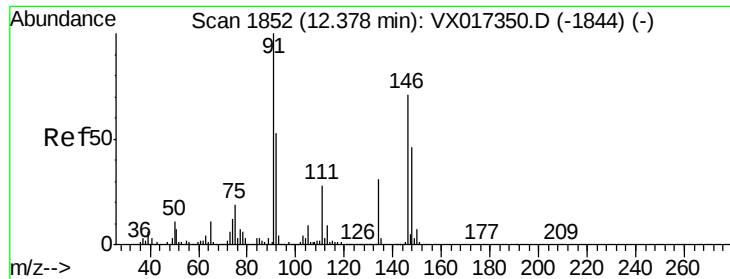
Tot Ion: 91 Resp: 231281
Ion Ratio Lower Upper
91 100
92 52.6 27.0 81.0
134 26.8 14.1 42.2



#90
Hexachloroethane
Concen: 20.129 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 117 Resp: 53476
Ion Ratio Lower Upper
117 100
201 74.1 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 19.868 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

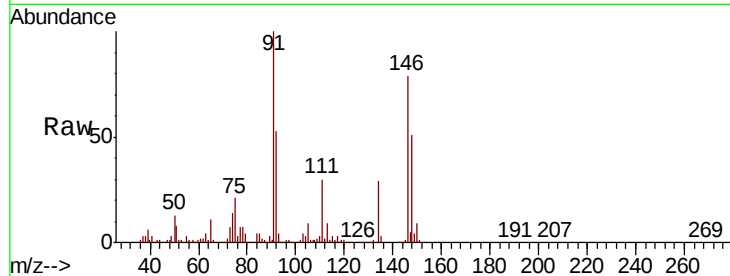
Tot Ion:146 Resp: 146446

Ion Ratio Lower Upper

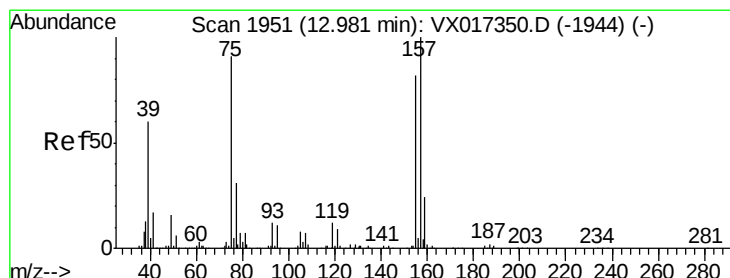
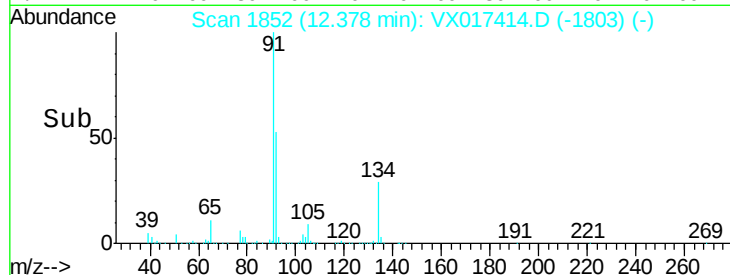
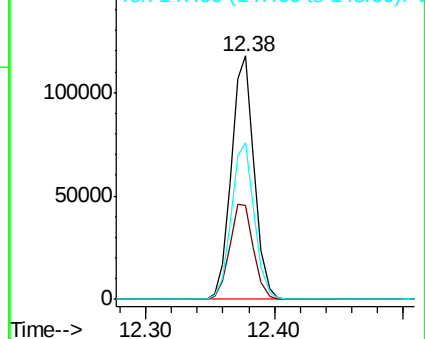
146 100

111 41.0 20.3 61.0

148 64.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.448 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

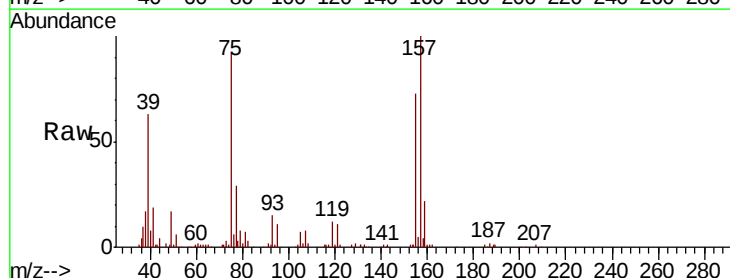
Tgt Ion: 75 Resp: 23986

Ion Ratio Lower Upper

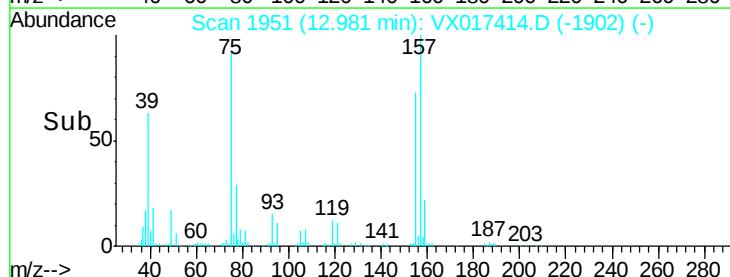
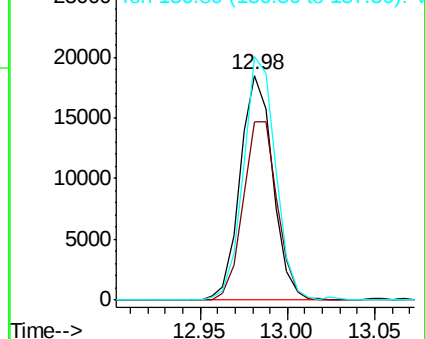
75 100

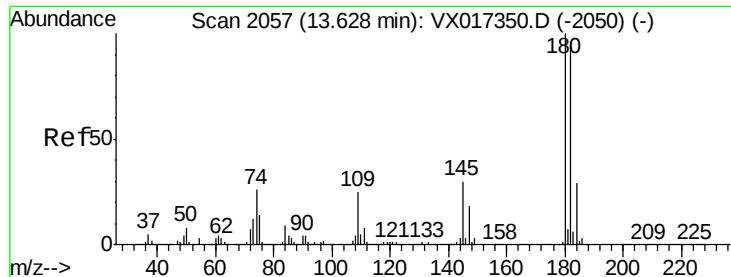
155 82.9 46.5 139.3

157 107.0 58.0 173.9



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

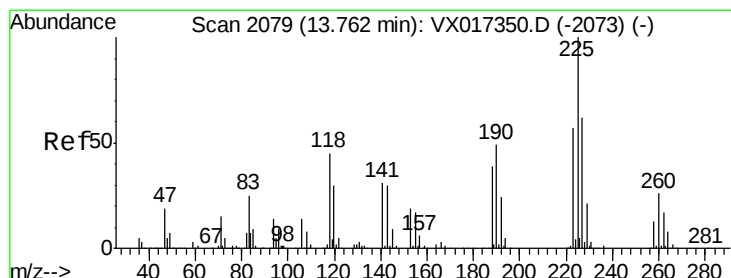
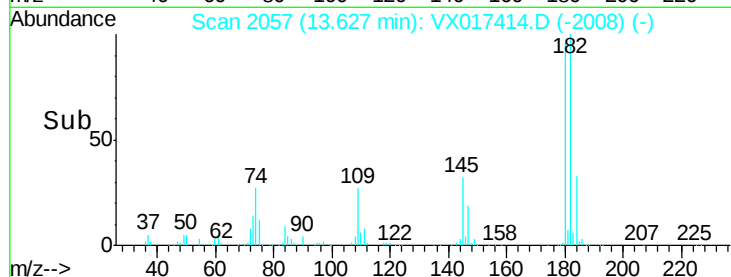
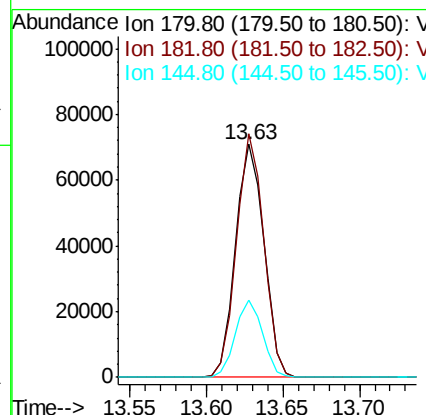
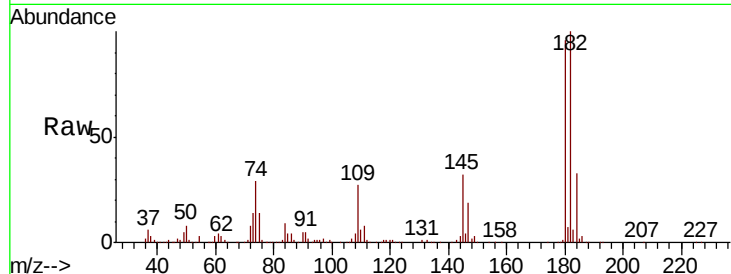




#93
 1,2,4-Trichlorobenzene
 Concen: 17.838 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

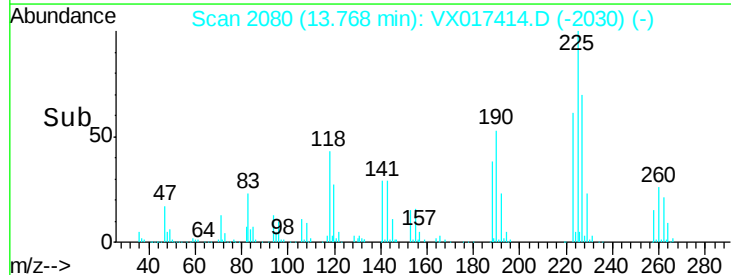
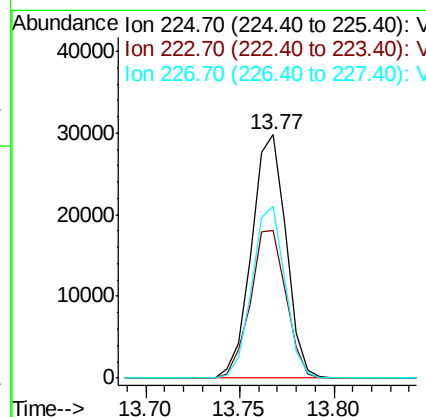
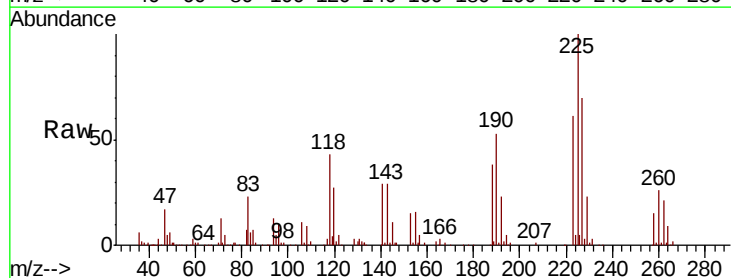
Instrument :
 MSVOA_X
 ClientSampleId :

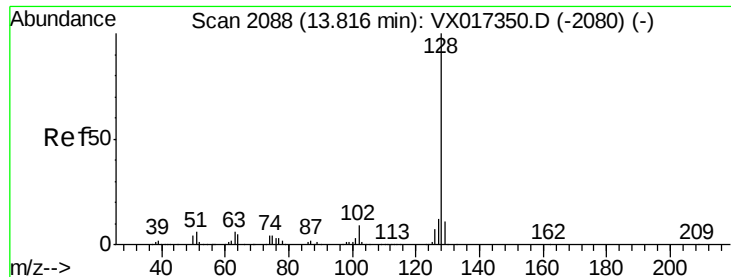
Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	48.4	145.0
145	31.7	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 18.063 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	67.6	31.6	95.0





#95

Naphthalene

Concen: 19.532 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

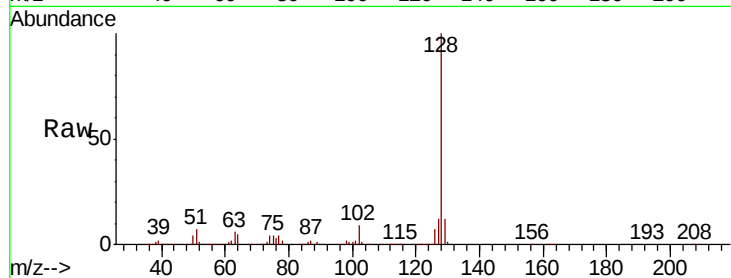
Tot Ion:128 Resp: 293840

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

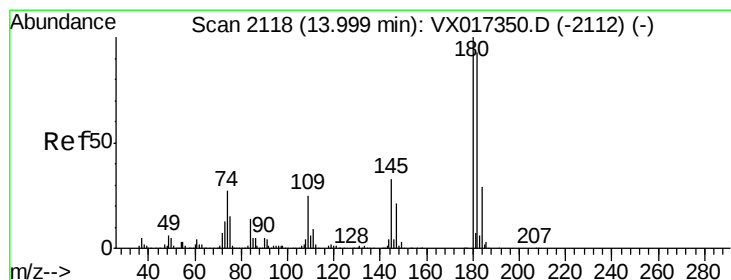
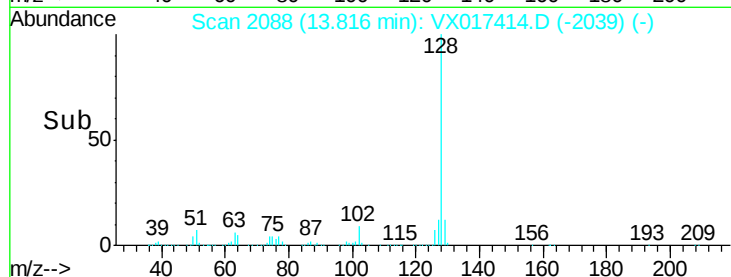
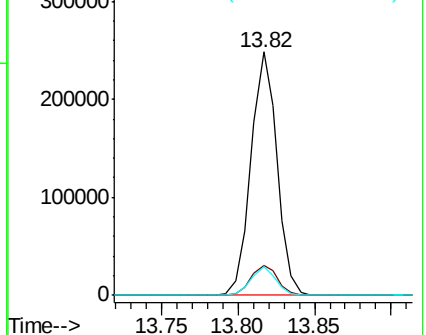
129 11.1 8.9 13.3



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: 18.708 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

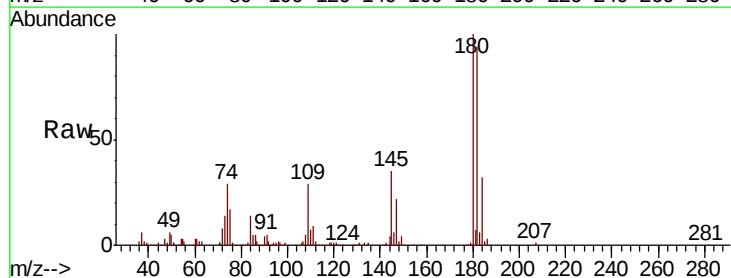
Tgt Ion:180 Resp: 92465

Ion Ratio Lower Upper

180 100

182 94.6 48.8 146.3

145 32.8 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

