

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092120\
 Data File : VX018524.D
 Acq On : 22 Sep 2020 16:20
 Operator : JC/SP
 Sample : MDL04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Quant Time: Sep 23 01:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 01:46:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	604274	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	579022	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	270632	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	166815	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.70	69	132557	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.34	63	268813	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.86%
21) 2-Butanone-d5	4.54	46	235014	88.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.21%
24) Chloroform-d	5.14	84	343638	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	6.03	65	257971	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
32) Benzene-d6	6.05	84	667931	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	7.37	67	215325	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.10%
41) Toluene-d8	8.70	98	623585	42.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.92%
43) trans-1,3-Dichloropropene-	8.99	79	115391	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
47) 2-Hexanone-d5	9.43	63	164130	84.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.46%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	273077	43.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.24%
66) 1,2-Dichlorobenzene-d4	12.36	152	250469	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	11332	2.178	ug/L 97
3) Chloromethane	1.31	50	9224	2.322	ug/L 87
6) Bromomethane	1.64	94	5834	2.478	ug/L 96
8) Chloroethane	1.72	64	5590	2.154	ug/L 90
9) Trichlorofluoromethane	1.92	101	17235	2.310	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	11816	2.913	ug/L # 86
13) Acetone	2.43	43	8983	4.584	ug/L 78
14) Carbon disulfide	2.55	76	25781	2.227	ug/L # 92
15) Methyl Acetate	2.75	43	8803	2.117	ug/L # 94
16) Methylene chloride	2.83	84	11624	2.787	ug/L 91
17) trans-1,2-Dichloroethene	3.15	96	9176	2.291	ug/L 93
18) Methyl tert-butyl Ether	3.17	73	24813	1.923	ug/L # 81
19) 1,1-Dichloroethane	3.67	63	16905	2.270	ug/L # 87
20) cis-1,2-Dichloroethene	4.56	96	9615	2.195	ug/L # 90
23) Bromochloromethane	4.98	128	2867	1.190	ug/L 85
25) Chloroform	5.18	83	38630	4.640	ug/L 96
27) 1,2-Dichloroethane	6.17	62	14958	2.245	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

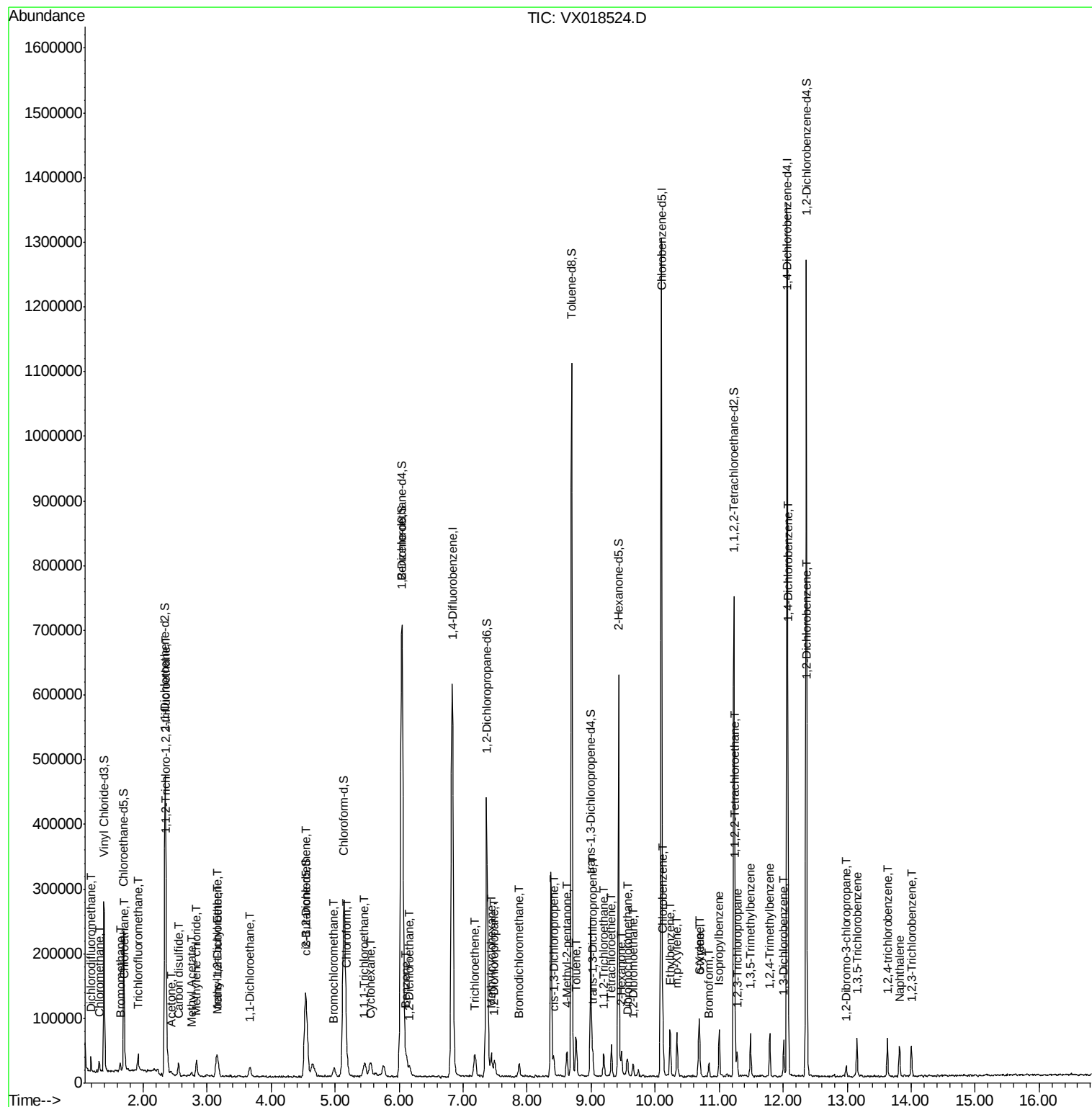
29) Cyclohexane	5.55	56	12584	1.981	ug/L #	87
30) 1,1,1-Trichloroethane	5.46	97	17525	2.252	ug/L #	79
33) Benzene	6.11	78	35080	2.160	ug/L	100
34) Trichloroethene	7.18	95	10575	2.333	ug/L	90
35) Methylcyclohexane	7.44	83	13579	2.062	ug/L	99
37) 1,2-Dichloropropane	7.49	63	11101	2.590	ug/L	99
38) Bromodichloromethane	7.88	83	12973	2.108	ug/L #	79
39) cis-1,3-Dichloropropene	8.42	75	13956	2.017	ug/L	93
40) 4-Methyl-2-pentanone	8.62	43	22651	3.984	ug/L	98
42) Toluene	8.76	91	38673	2.216	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	14644	2.080	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	9110	2.194	ug/L	98
46) Tetrachloroethene	9.32	164	8961	2.403	ug/L	91
48) 2-Hexanone	9.48	43	19202	4.288	ug/L	97
49) Dibromochloromethane	9.57	129	11139	2.129	ug/L	85
50) 1,2-Dibromoethane	9.65	107	9193	2.013	ug/L	90
51) Chlorobenzene	10.12	112	25369	2.165	ug/L	94
52) Ethylbenzene	10.23	91	39422	2.028	ug/L	96
53) m,p-Xylene	10.34	106	14576	1.969	ug/L	99
54) o-Xylene	10.68	106	14132	1.982	ug/L	98
55) Styrene	10.70	104	22637	1.844	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	14818	2.332	ug/L #	91
59) Bromoform	10.84	173	7328	2.054	ug/L #	85
60) Isopropylbenzene	11.00	105	35019	2.023	ug/L	97
61) 1,2,3-Trichloropropane	11.28	75	11063	2.266	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	26207	1.833	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	26018	1.787	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	18944	2.215	ug/L	94
65) 1,4-Dichlorobenzene	12.08	146	21780	2.522	ug/L	96
67) 1,2-Dichlorobenzene	12.38	146	20549	2.496	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	3198	2.233	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.15	180	13533	2.386	ug/L	90
70) 1,2,4-trichlorobenzene	13.63	180	13871	2.664	ug/L	95
71) Naphthalene	13.82	128	27097	1.667	ug/L	95
72) 1,2,3-Trichlorobenzene	14.01	180	10882	2.085	ug/L	94

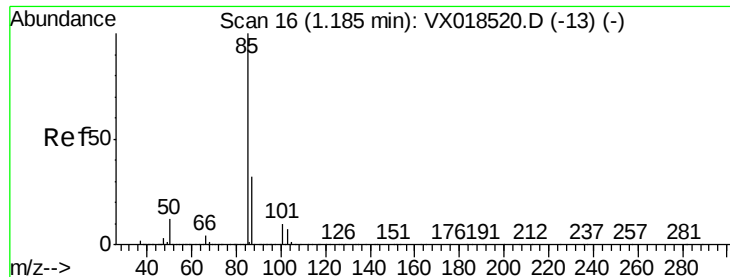
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#2

Dichlorodifluoromethane

Concen: 2.178 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

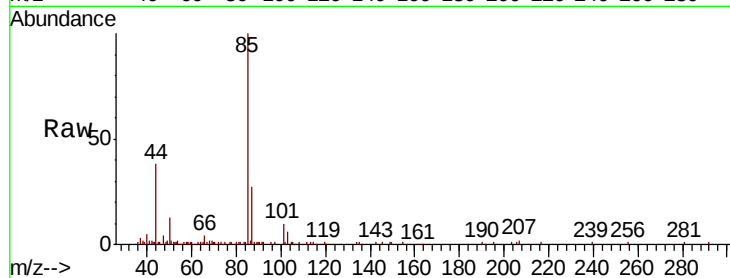
MDL02

Tot Ion: 85 Resp: 11332

Ion Ratio Lower Upper

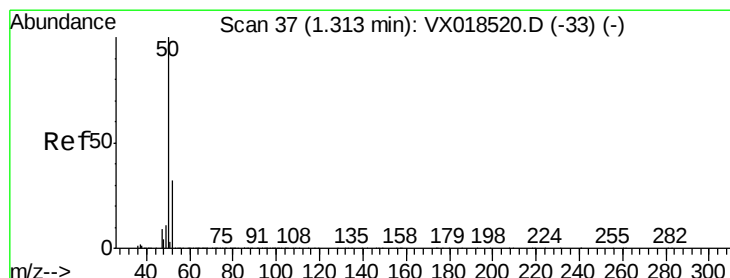
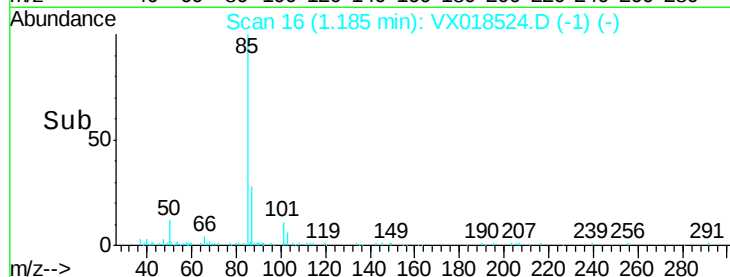
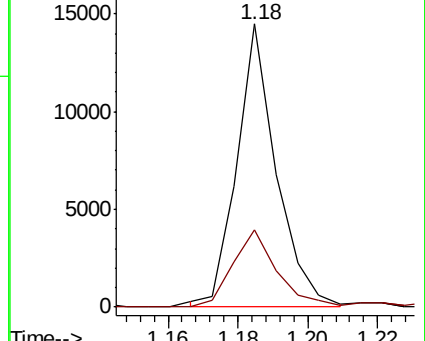
85 100

87 30.9 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 2.322 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018524.D

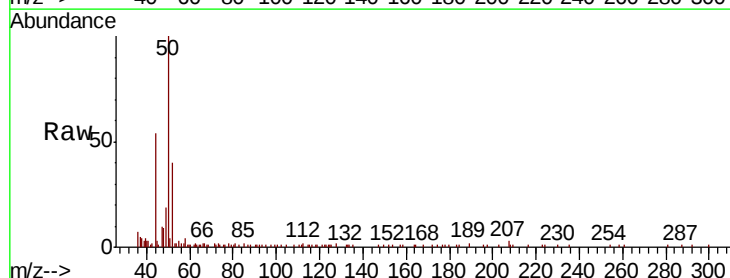
Acq: 22 Sep 2020 16:20

Tgt Ion: 50 Resp: 9224

Ion Ratio Lower Upper

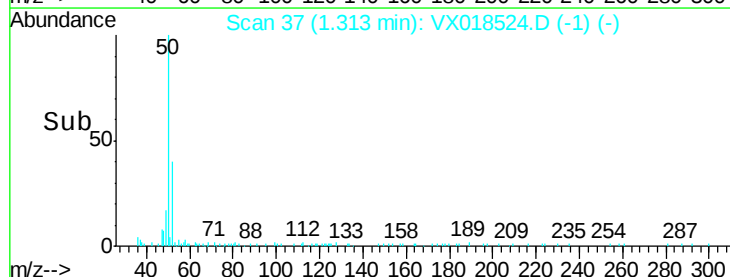
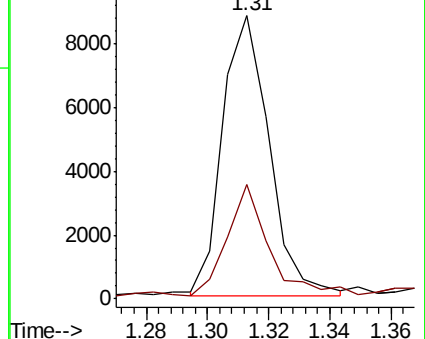
50 100

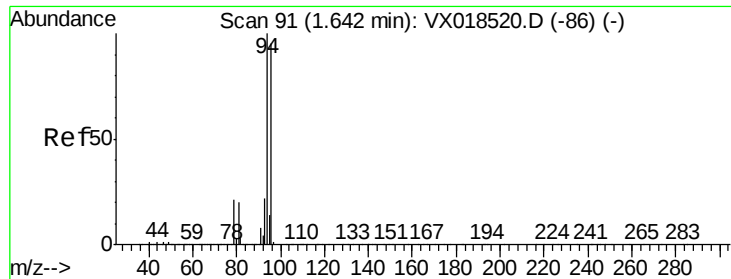
52 40.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#6

Bromomethane

Concen: 2.478 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

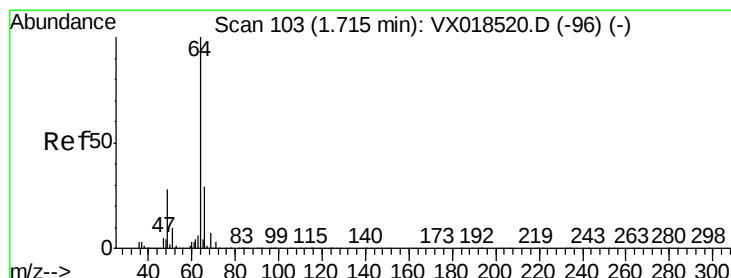
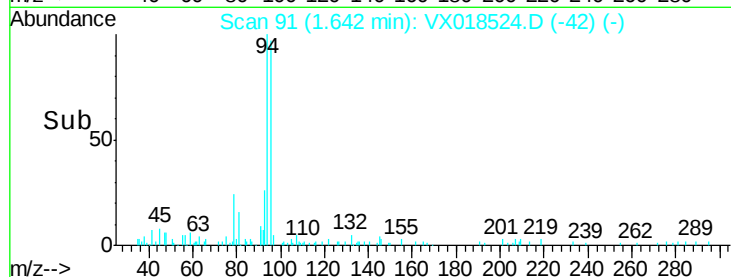
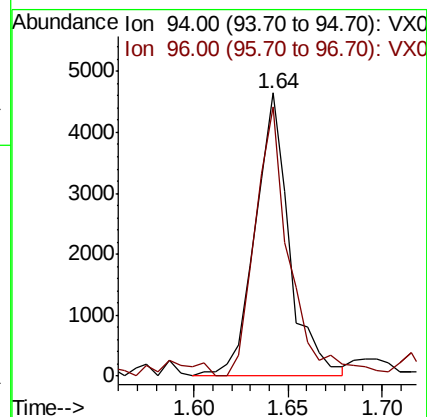
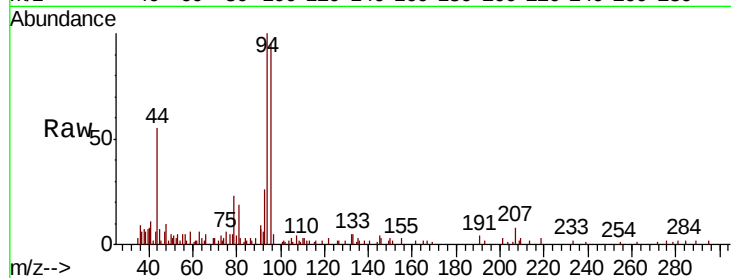
MDL02

Tot Ion: 94 Resp: 5834

Ion Ratio Lower Upper

94 100

96 95.0 69.2 128.4



#8

Chloroethane

Concen: 2.154 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018524.D

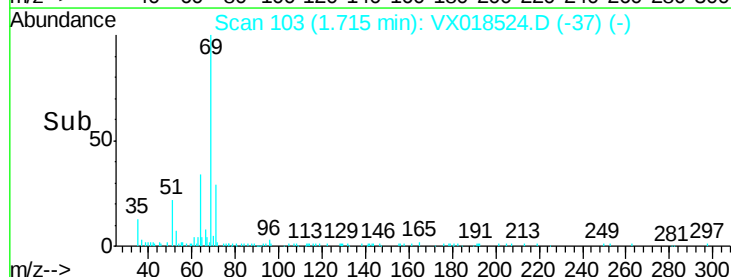
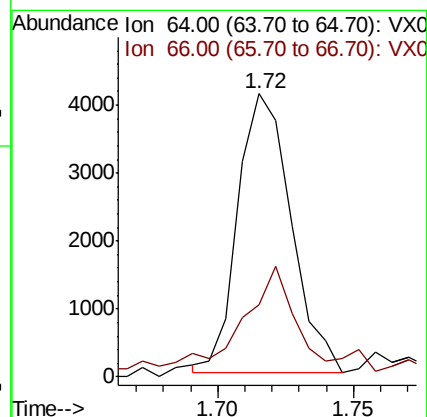
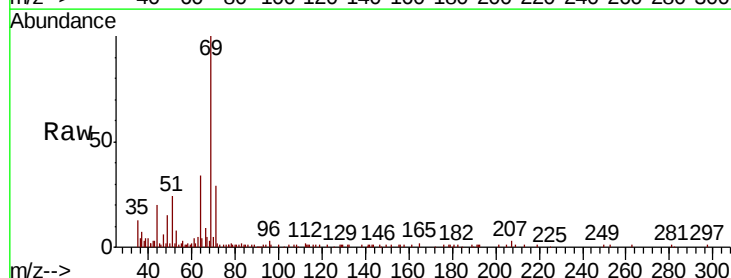
Acq: 22 Sep 2020 16:20

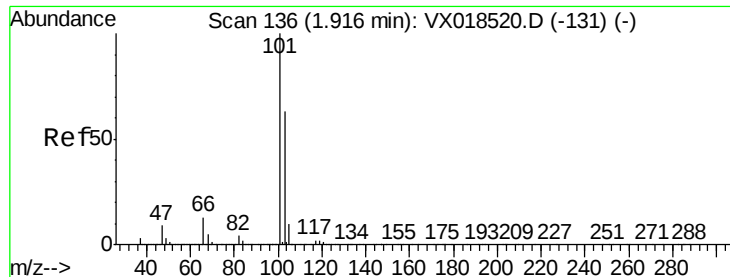
Tgt Ion: 64 Resp: 5590

Ion Ratio Lower Upper

64 100

66 25.6 21.6 40.2



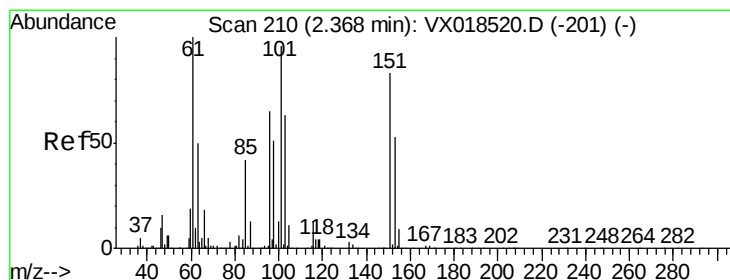
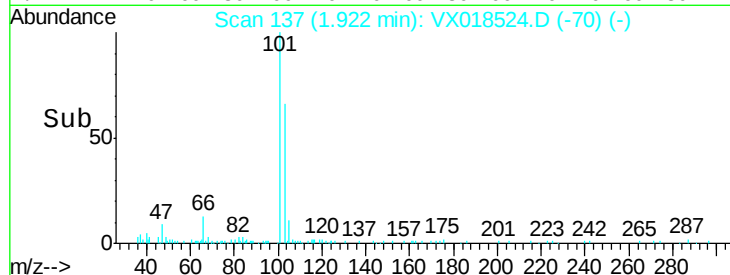
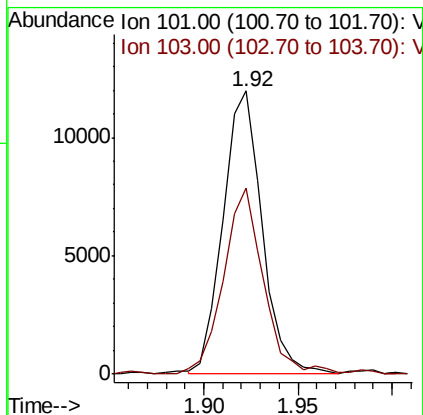
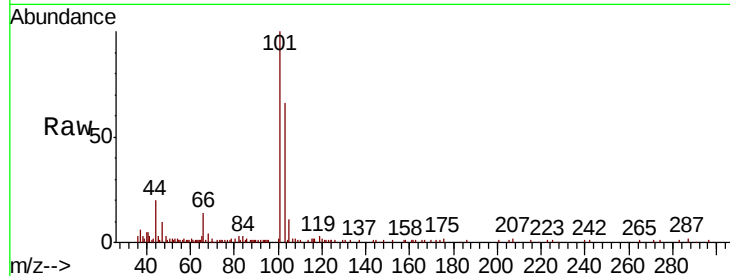


#9

Trichlorofluoromethane
 Concen: 2.310 ug/L
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

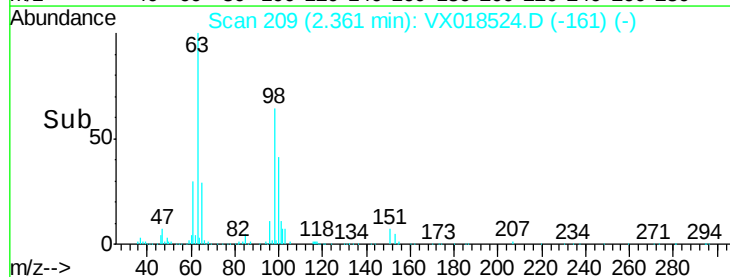
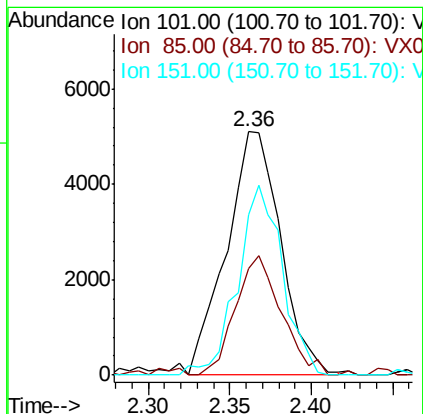
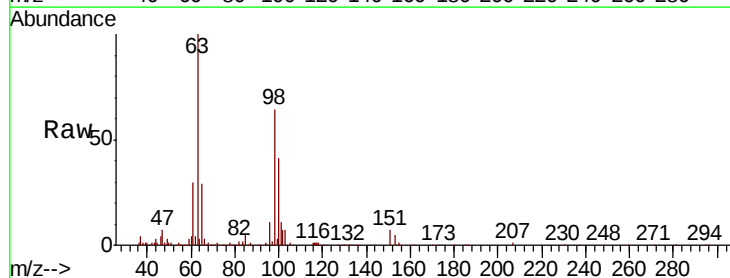
Tot Ion:101 Resp: 17235
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.5 77.3

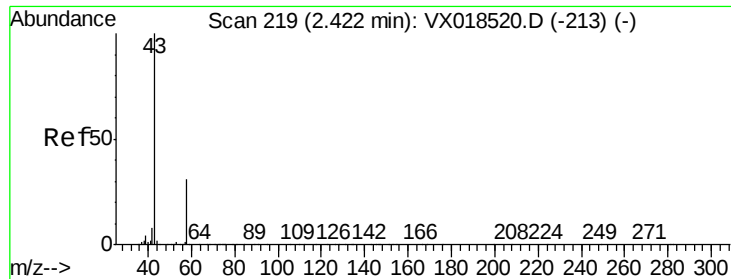


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.913 ug/L
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion:101 Resp: 11816
 Ion Ratio Lower Upper
 101 100
 85 41.6 34.9 52.3
 151 63.2 65.0 97.4#





#13

Acetone

Concen: 4.584 ug/L

RT: 2.43 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

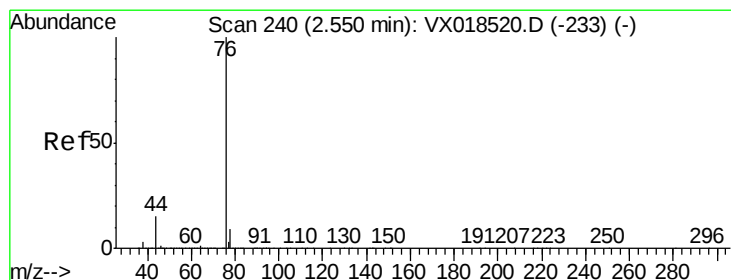
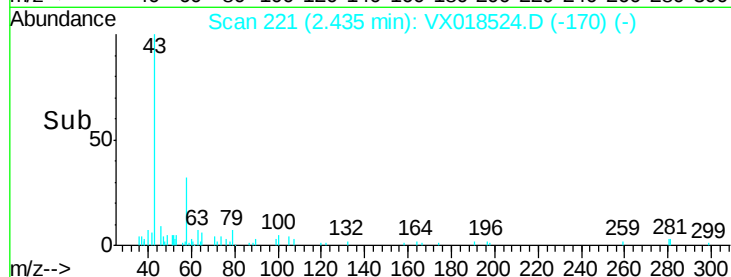
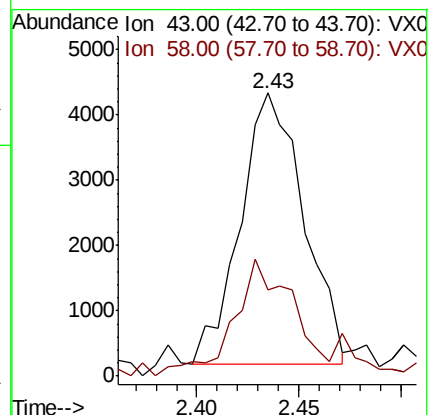
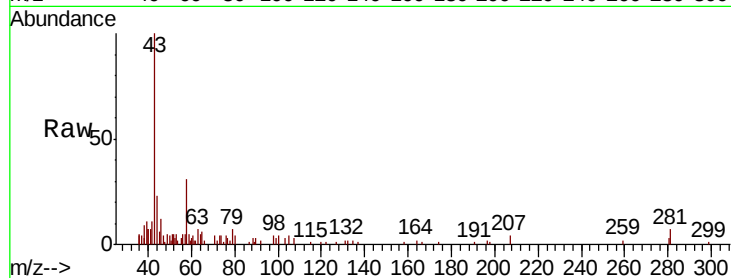
MDL02

Tot Ion: 43 Resp: 8983

Ion Ratio Lower Upper

43 100

58 17.1 0.0 57.6



#14

Carbon disulfide

Concen: 2.227 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018524.D

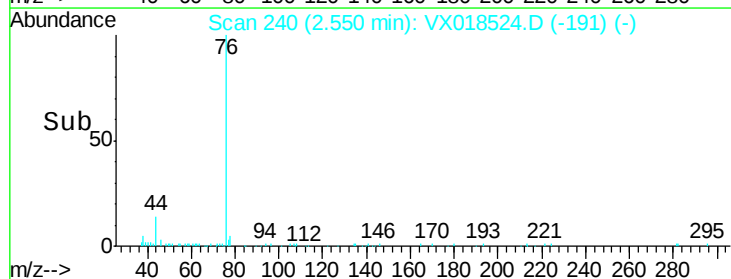
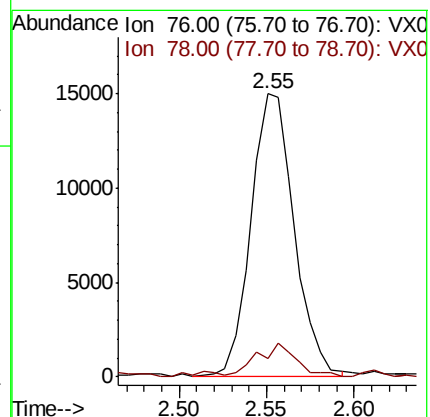
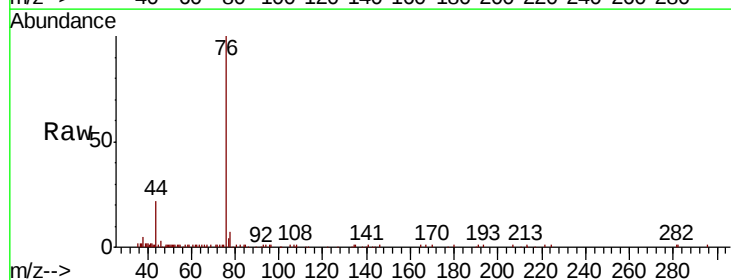
Acq: 22 Sep 2020 16:20

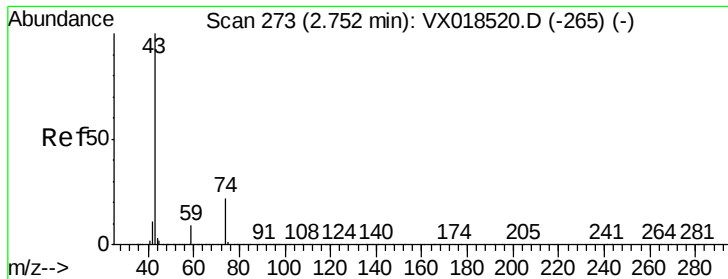
Tgt Ion: 76 Resp: 25781

Ion Ratio Lower Upper

76 100

78 6.6 7.4 11.2#

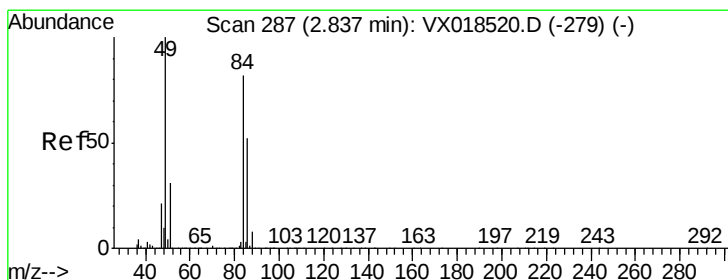
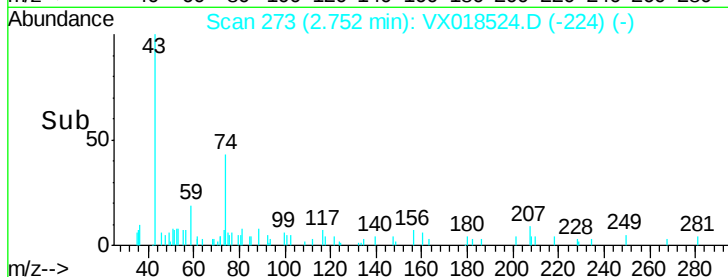
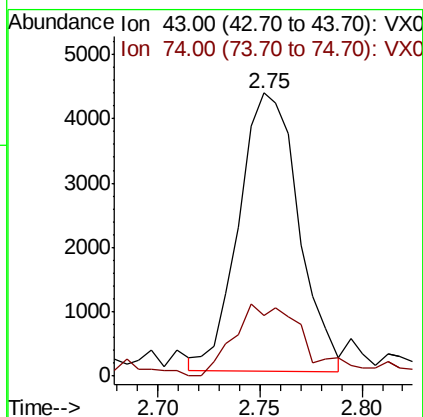
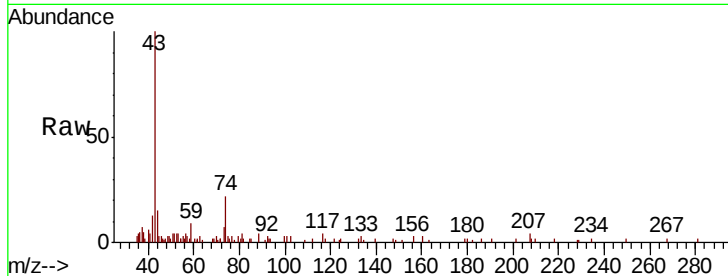




#15
Methyl Acetate
Concen: 2.117 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018524.D
Acq: 22 Sep 2020 16:20

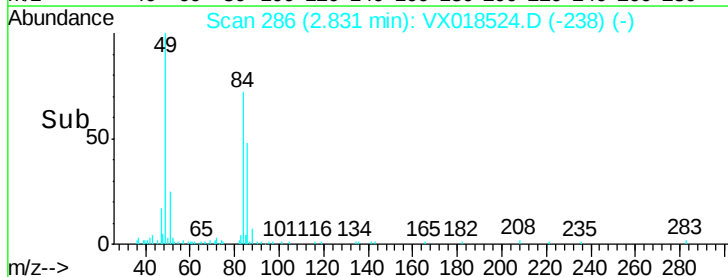
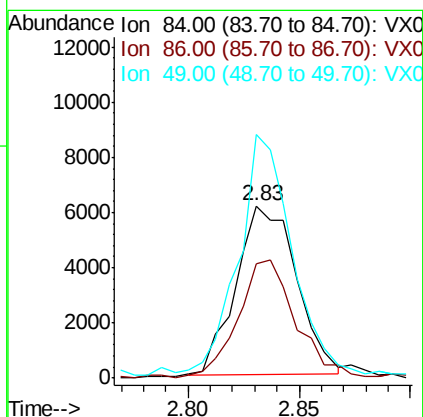
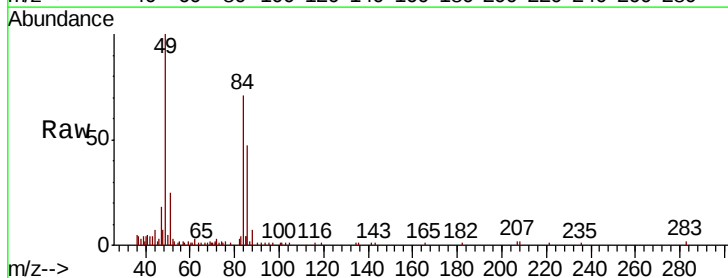
Instrument :
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ClientSampleId :
MDL02

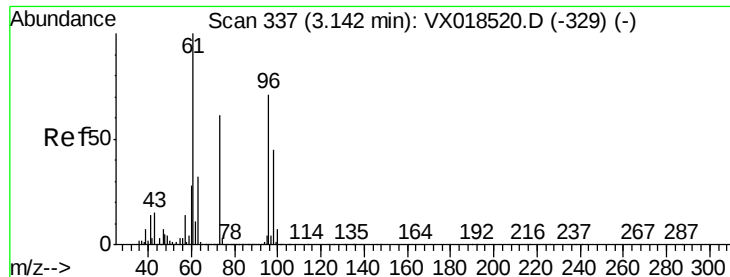
Tot Ion: 43 Resp: 8803
Ion Ratio Lower Upper
43 100
74 14.3 0.1 0.1#



#16
Methylene chloride
Concen: 2.787 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018524.D
Acq: 22 Sep 2020 16:20

Tgt Ion: 84 Resp: 11624
Ion Ratio Lower Upper
84 100
86 66.0 46.1 85.7
49 141.3 88.5 164.3





#17

trans-1,2-Dichloroethene

Concen: 2.291 ug/L

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MDL02

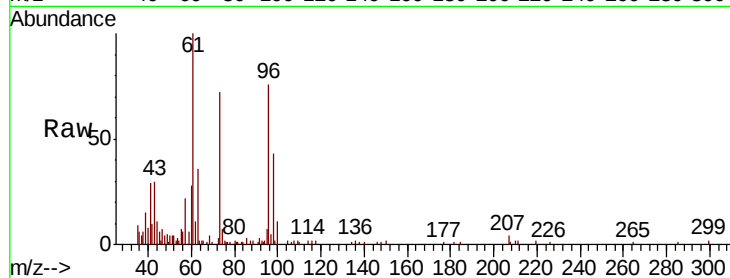
Tot Ion: 96 Resp: 9176

Ion Ratio Lower Upper

96 100

61 131.4 98.3 182.5

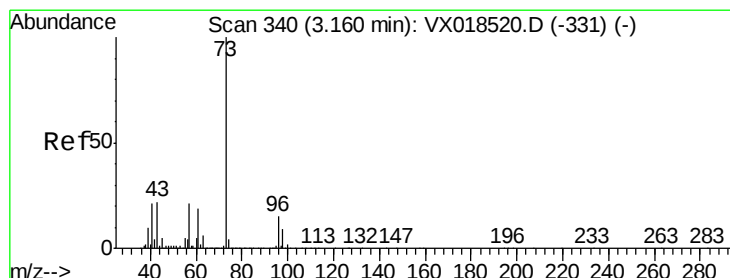
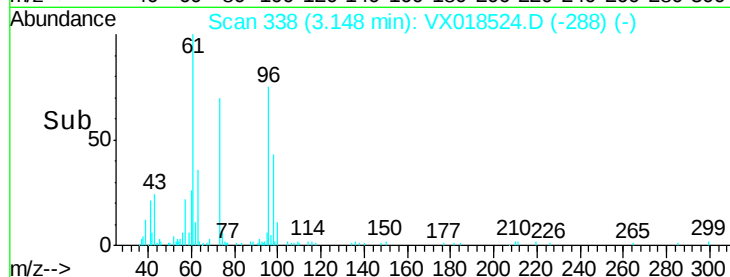
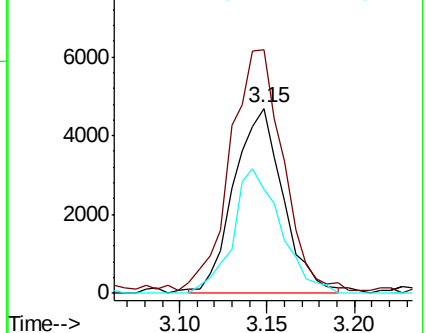
98 56.3 42.0 78.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#18

Methyl tert-butyl Ether

Concen: 1.923 ug/L

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

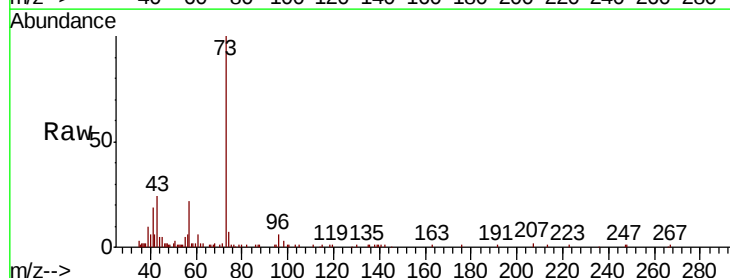
Tgt Ion: 73 Resp: 24813

Ion Ratio Lower Upper

73 100

43 28.6 17.8 26.6#

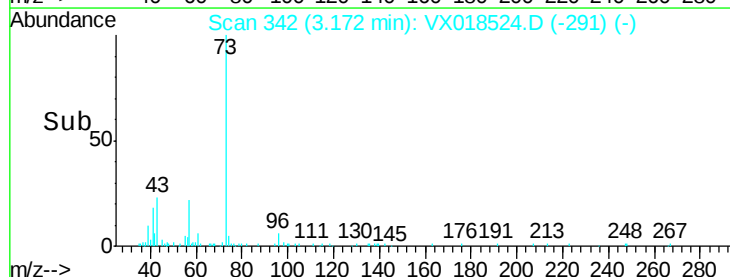
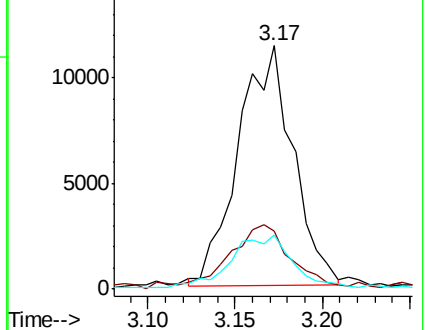
57 9.7 17.1 25.7#

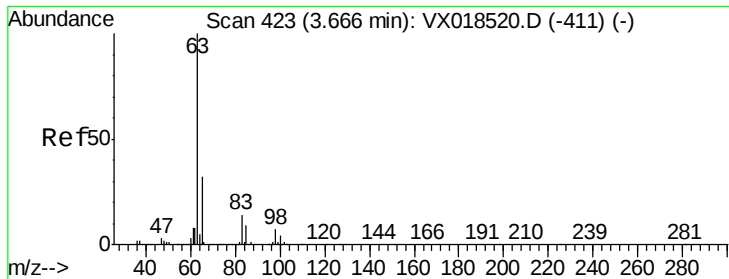


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

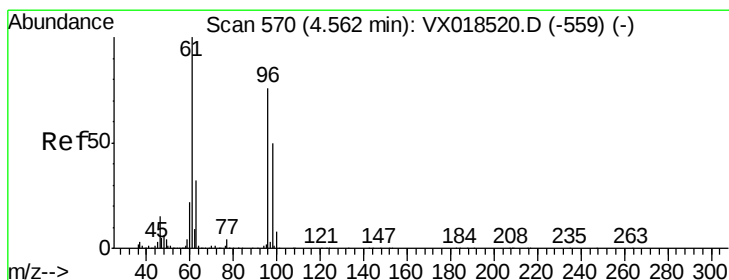
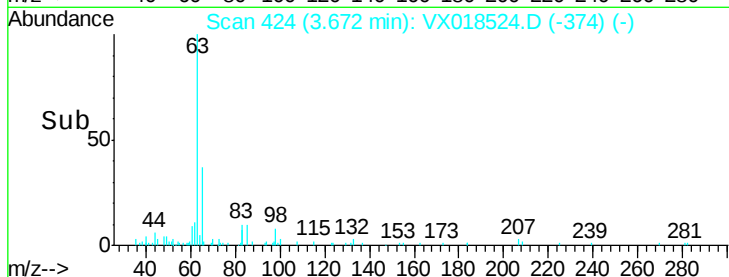
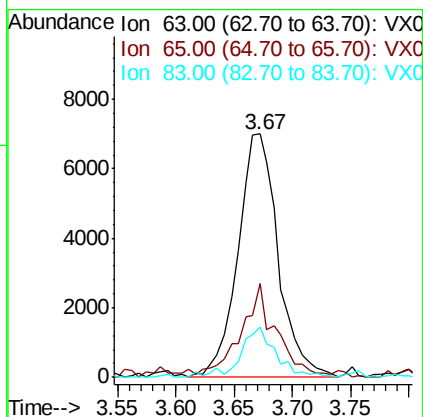
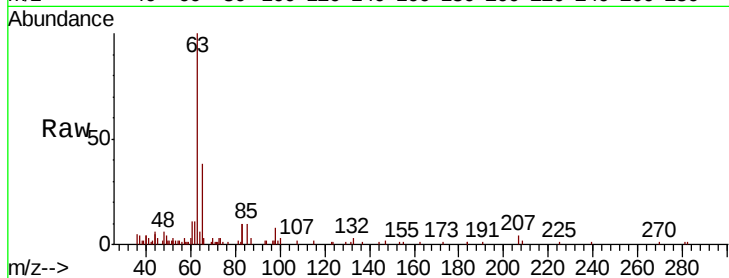




#19
 1,1-Dichloroethane
 Concen: 2.270 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

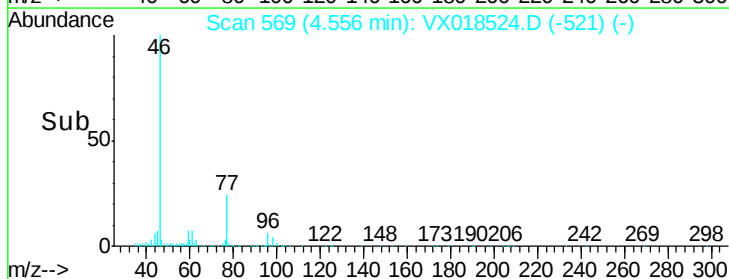
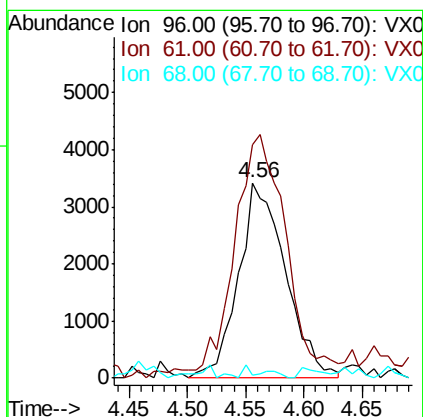
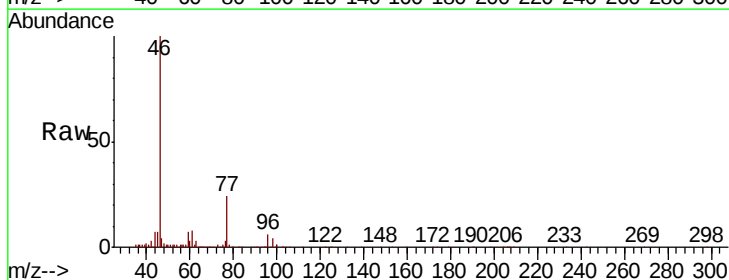
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

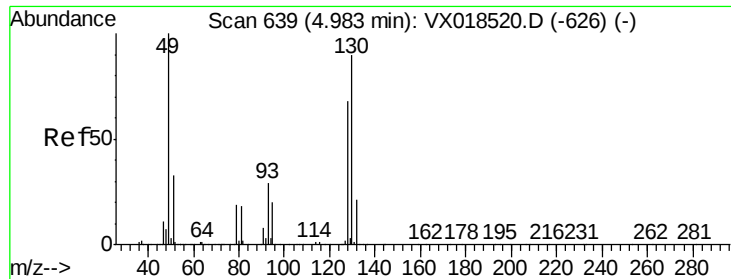
Tot Ion	Ratio	Lower	Upper
63	100		
65	38.4	22.5	41.7
83	20.5	9.7	17.9



#20
 cis-1,2-Dichloroethene
 Concen: 2.195 ug/L
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.8	91.8	170.6
68	4.3	0.0	0.0





#23

Bromochloromethane

Concen: 1.190 ug/L

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion:128 Resp: 2867

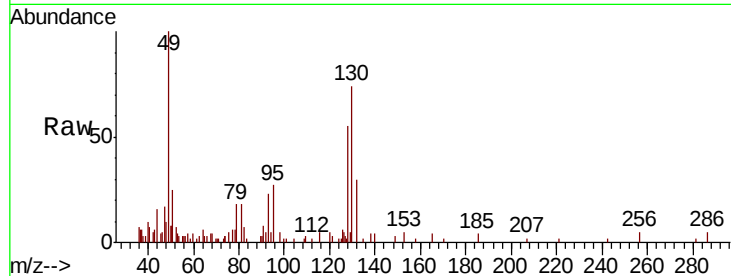
Ion Ratio Lower Upper

128 100

49 181.5 104.9 194.7

130 133.6 86.5 160.7

51 45.3 37.0 55.6

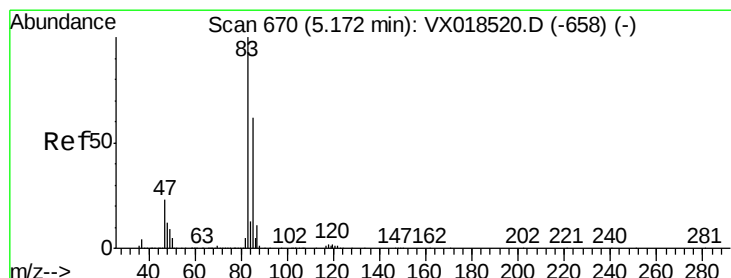
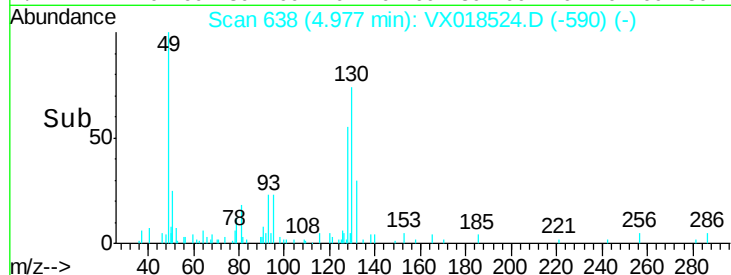
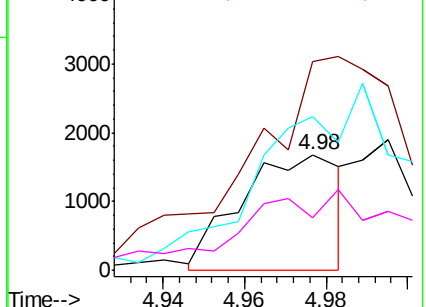


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VX0



#25

Chloroform

Concen: 4.640 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018524.D

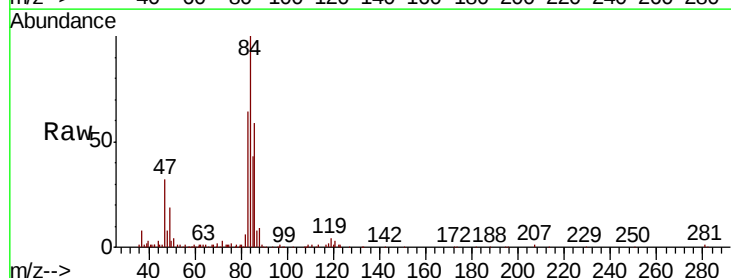
Acq: 22 Sep 2020 16:20

Tgt Ion: 83 Resp: 38630

Ion Ratio Lower Upper

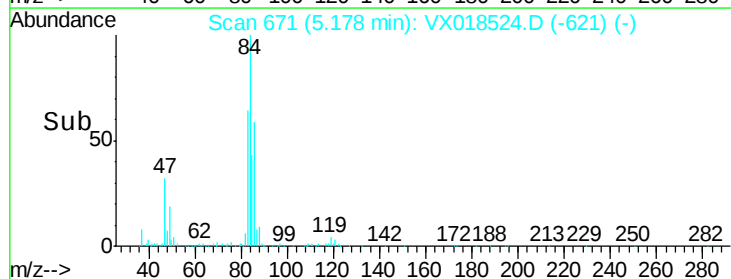
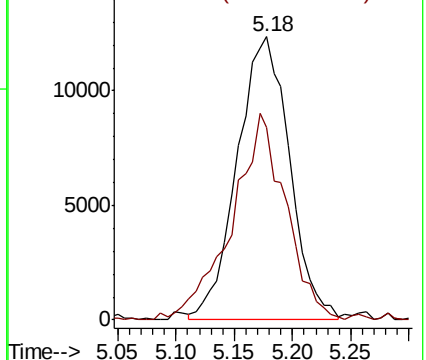
83 100

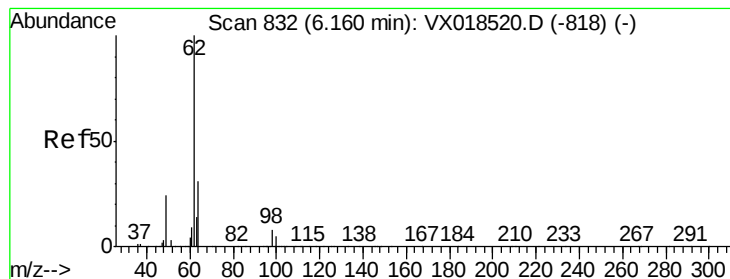
85 68.0 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#27

1,2-Dichloroethane

Concen: 2.245 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

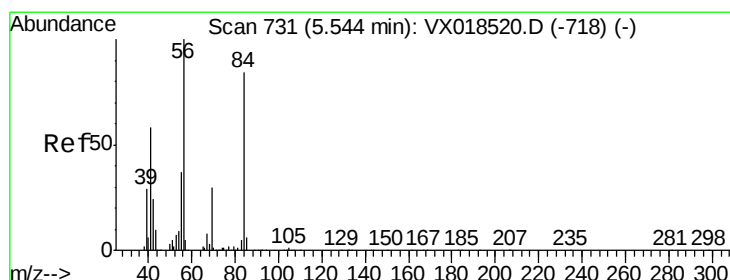
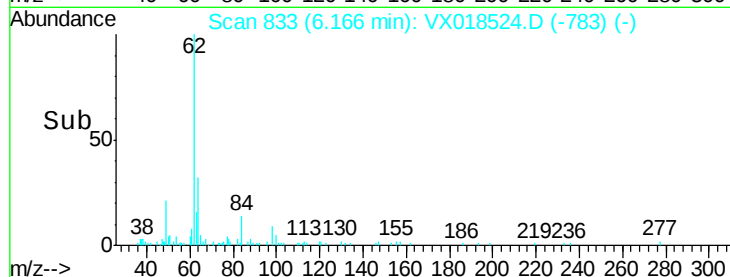
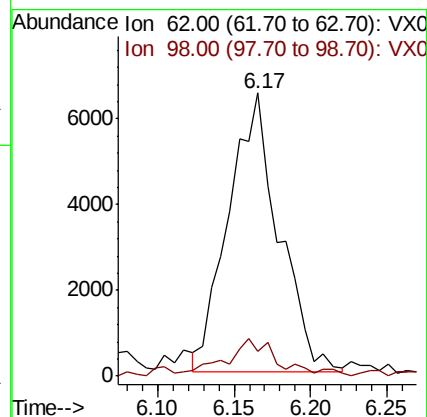
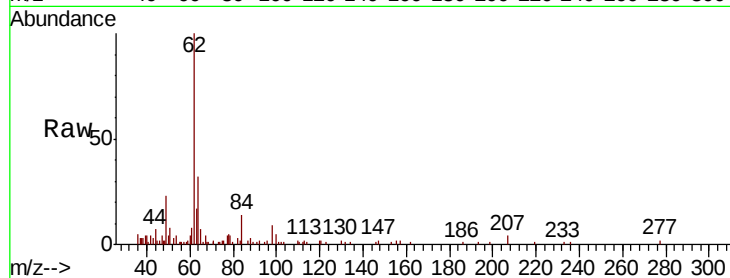
MDL02

Tot Ion: 62 Resp: 14958

Ion Ratio Lower Upper

62 100

98 8.6 6.7 10.1



#29

Cyclohexane

Concen: 1.981 ug/L

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

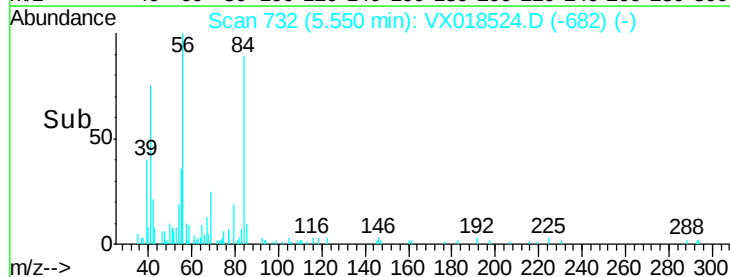
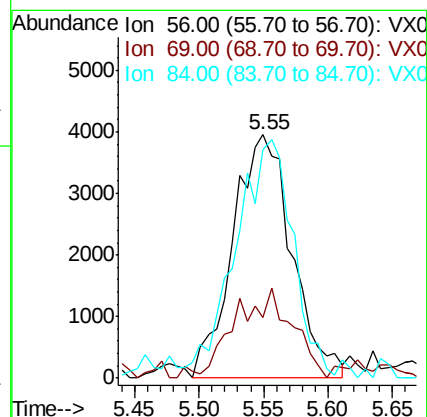
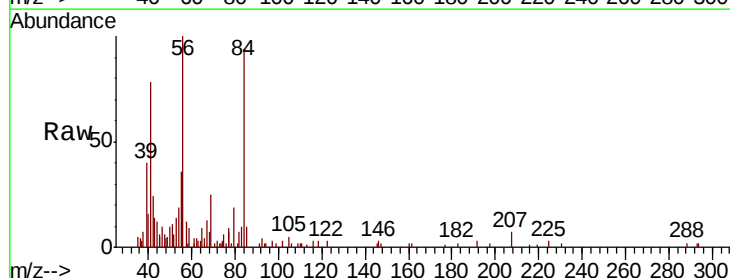
Tgt Ion: 56 Resp: 12584

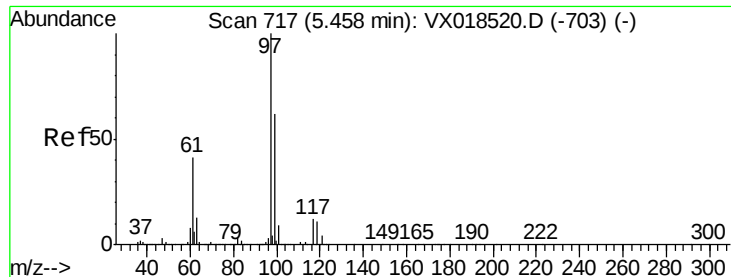
Ion Ratio Lower Upper

56 100

69 16.1 25.2 37.8#

84 93.6 69.1 103.7

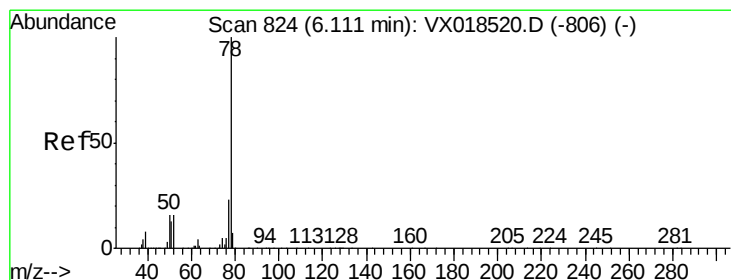
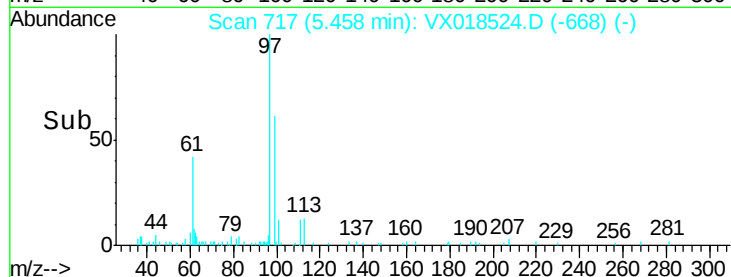
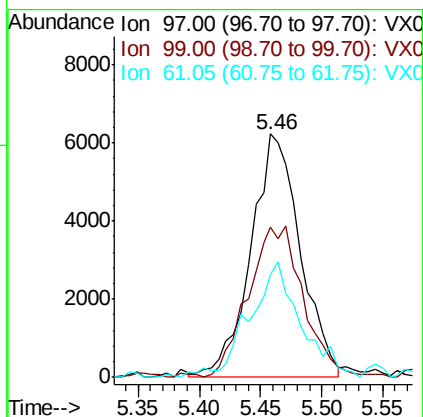
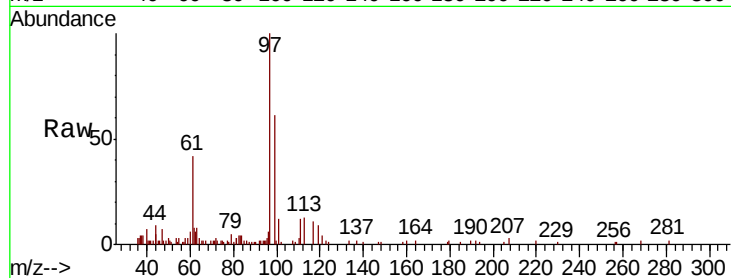




#30
 1,1,1-Trichloroethane
 Concen: 2.252 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

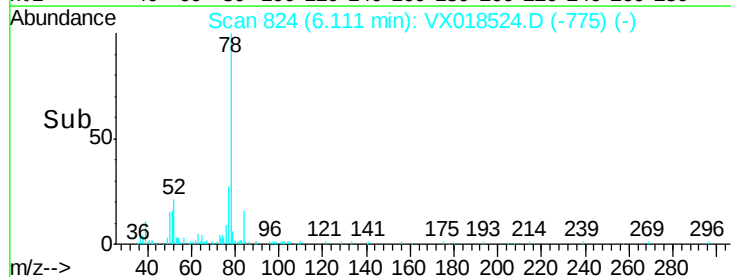
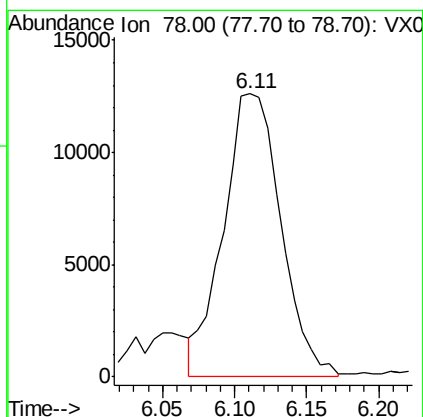
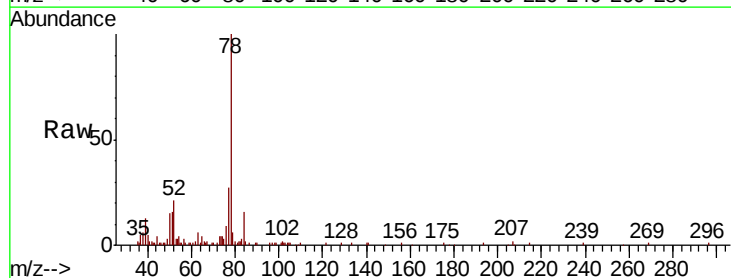
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

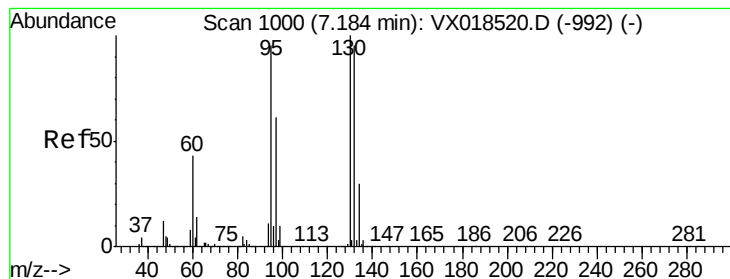
Tot Ion: 97 Resp: 17525
 Ion Ratio Lower Upper
 97 100
 99 40.5 51.9 77.9#
 61 38.5 34.4 51.6



#33
 Benzene
 Concen: 2.160 ug/L
 RT: 6.11 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion: 78 Resp: 35080





#34

Trichloroethene

Concen: 2.333 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion: 95 Resp: 10575

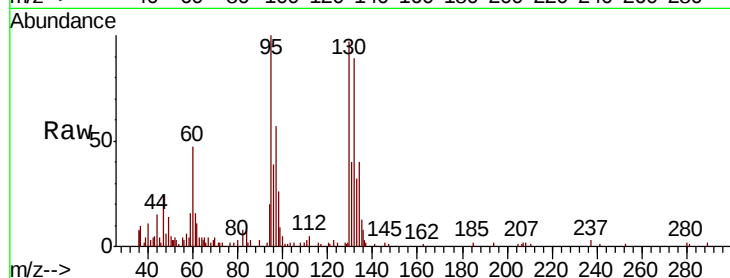
Ion Ratio Lower Upper

95 100

97 57.1 46.0 85.4

132 88.7 71.7 133.1

130 96.8 71.3 132.5

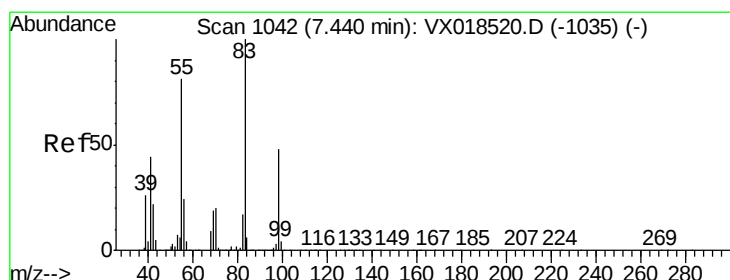
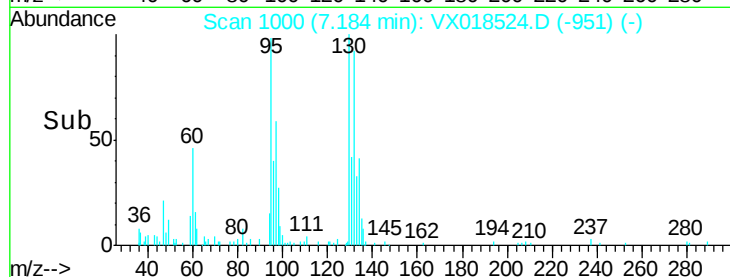
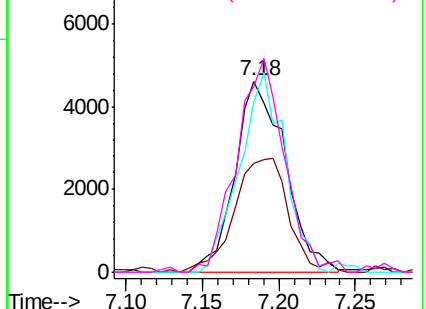


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 2.062 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

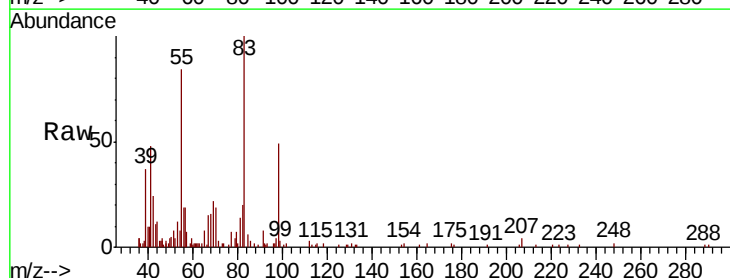
Tgt Ion: 83 Resp: 13579

Ion Ratio Lower Upper

83 100

55 78.5 61.6 92.4

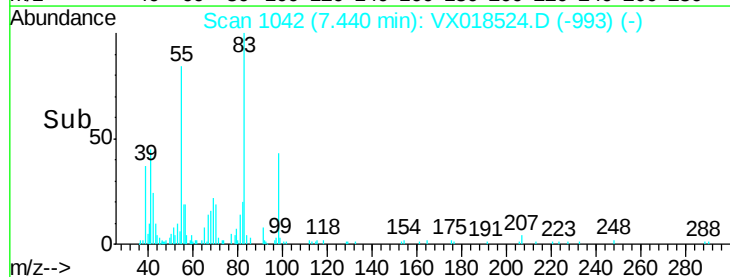
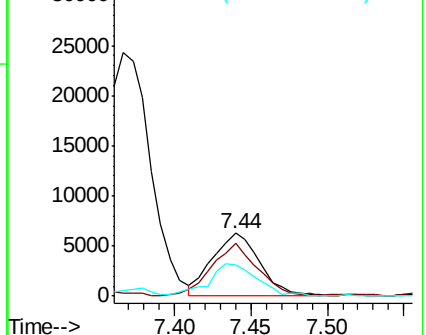
98 46.6 37.0 55.4

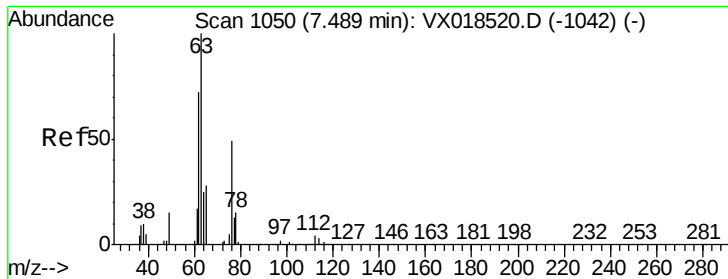


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

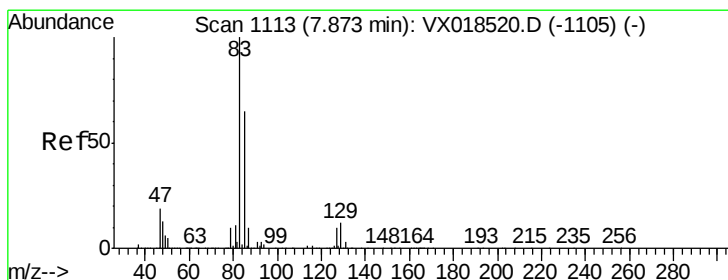
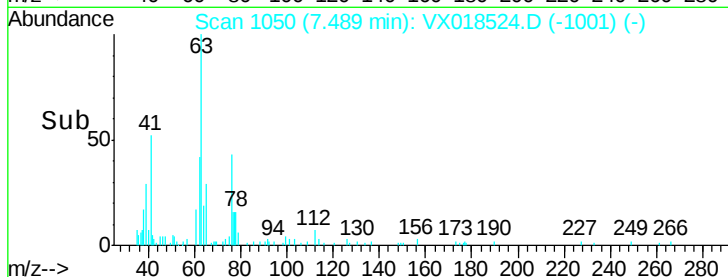
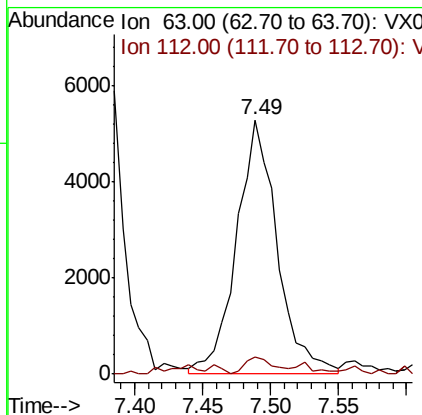
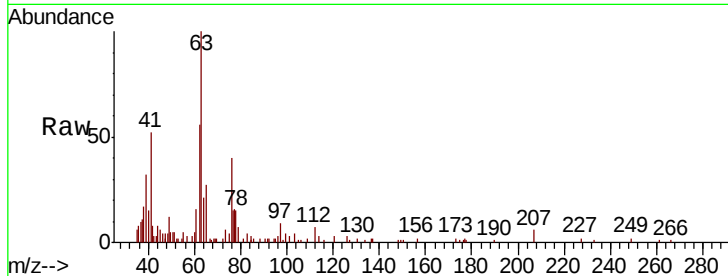




#37
 1,2-Dichloropropane
 Concen: 2.590 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

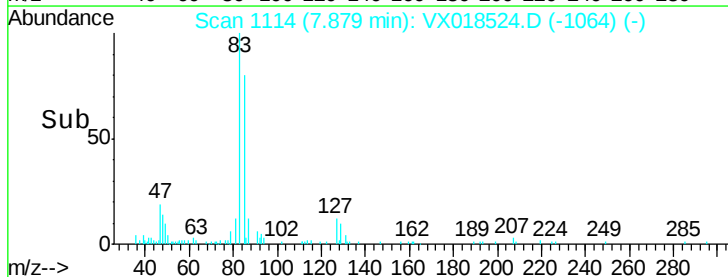
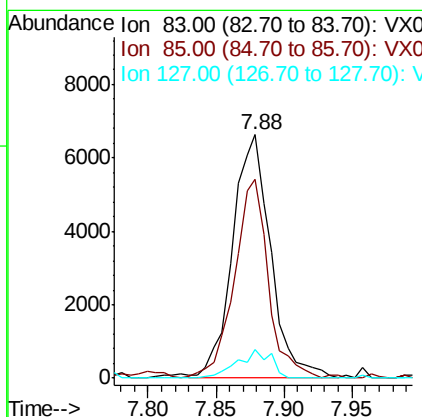
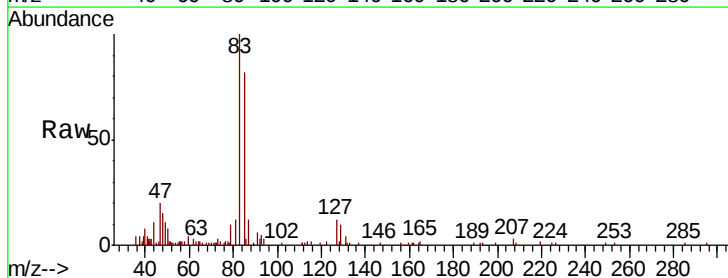
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

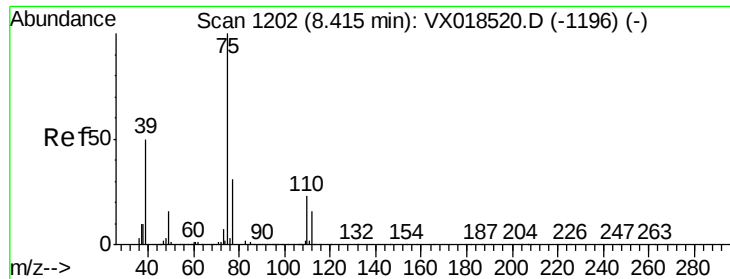
Tot Ion: 63 Resp: 11101
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.5 5.3



#38
 Bromodichloromethane
 Concen: 2.108 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion: 83 Resp: 12973
 Ion Ratio Lower Upper
 83 100
 85 81.6 45.0 83.6
 127 11.8 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 2.017 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

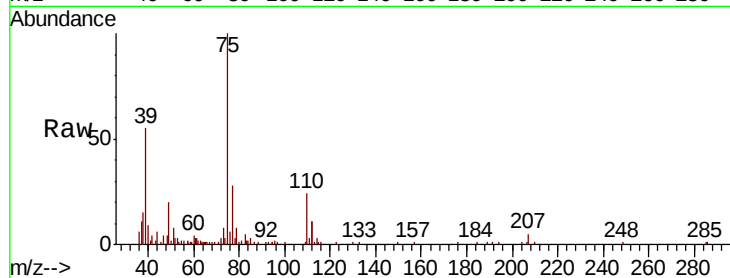
MDL02

Tot Ion: 75 Resp: 13956

Ion Ratio Lower Upper

75 100

77 28.1 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

10000

8000

6000

4000

2000

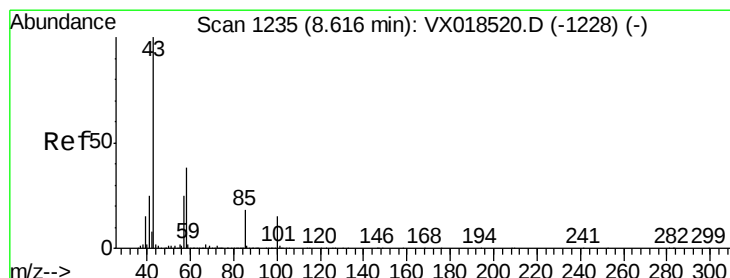
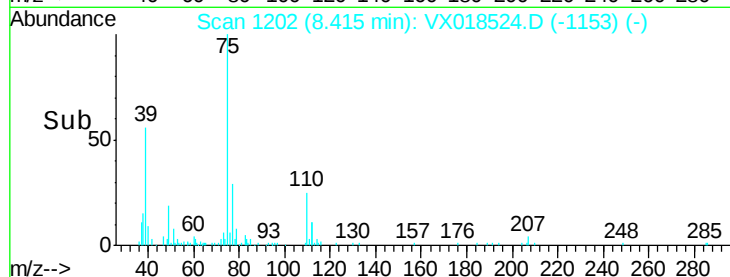
0

8.40

8.42

8.45

Time-->



#40

4-Methyl-2-pentanone

Concen: 3.984 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

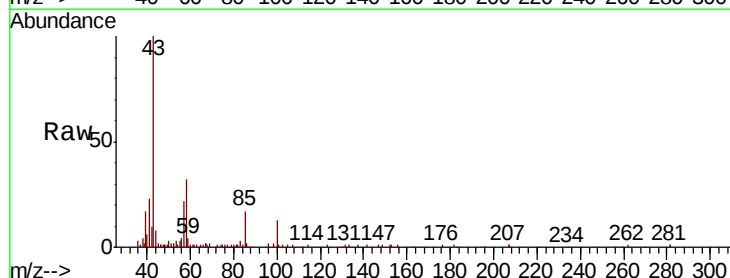
Tgt Ion: 43 Resp: 22651

Ion Ratio Lower Upper

43 100

58 39.3 30.6 45.8

100 14.7 12.2 18.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

250000

200000

150000

100000

50000

0

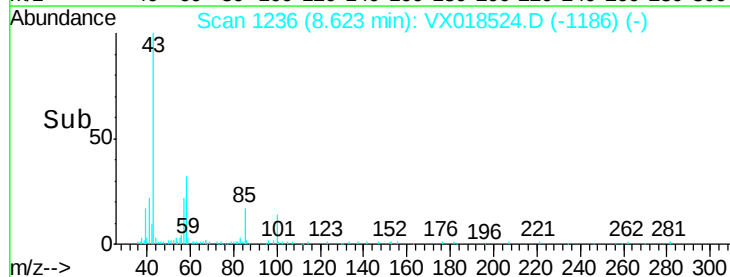
8.55

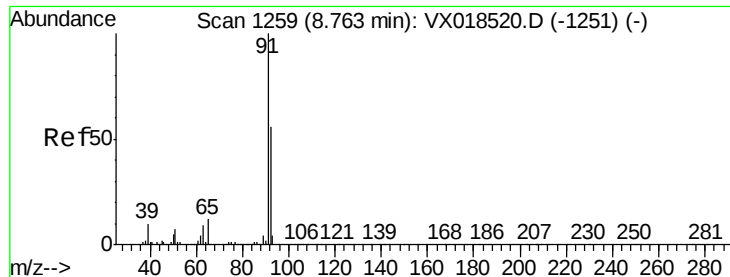
8.60

8.62

8.65

Time-->





#42

Toluene

Concen: 2.216 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

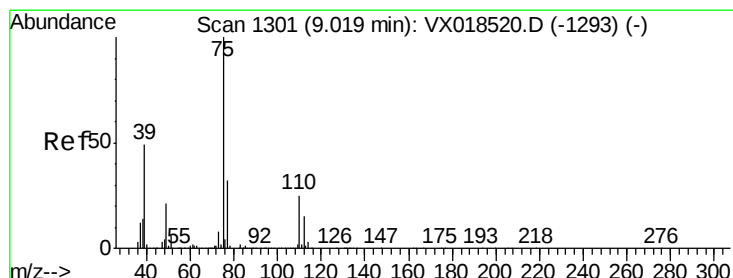
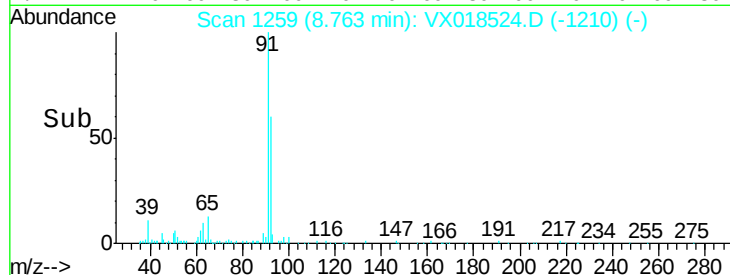
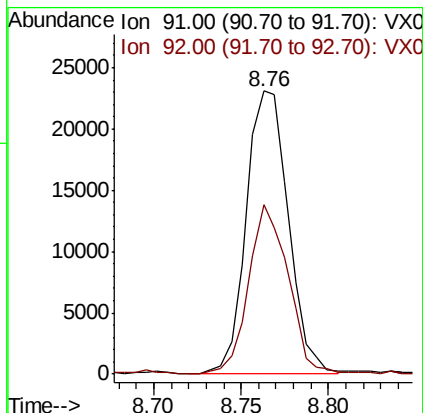
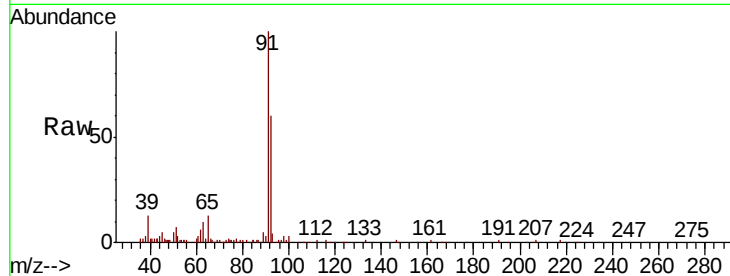
MDL02

Tot Ion: 91 Resp: 38673

Ion Ratio Lower Upper

91 100

92 59.7 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 2.080 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX018524.D

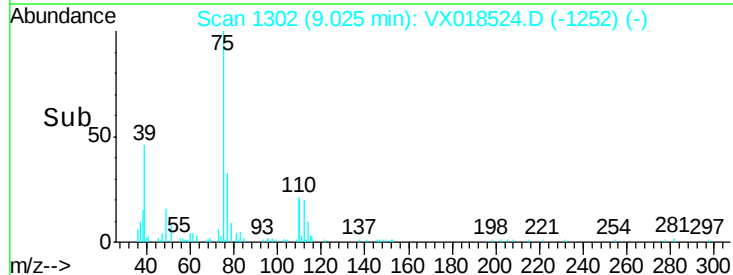
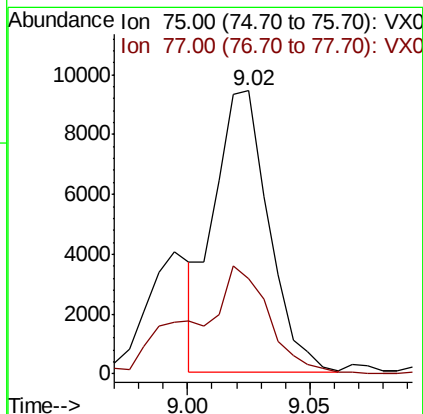
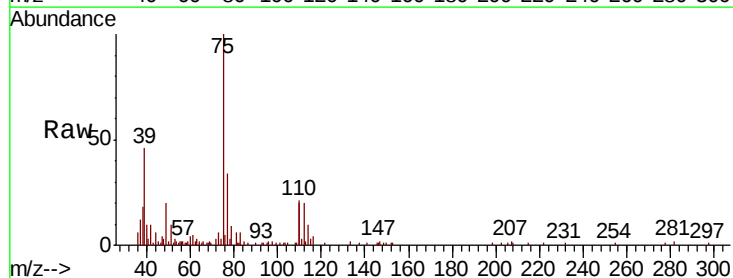
Acq: 22 Sep 2020 16:20

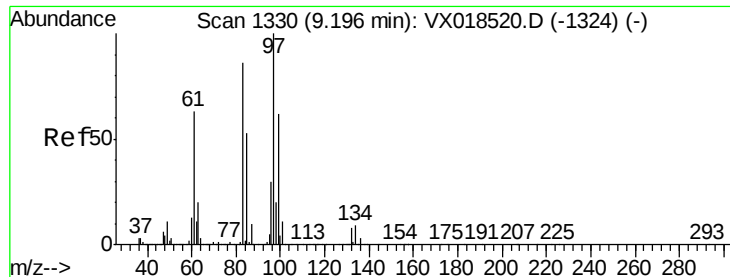
Tgt Ion: 75 Resp: 14644

Ion Ratio Lower Upper

75 100

77 33.7 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 2.194 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion: 97 Resp: 9110

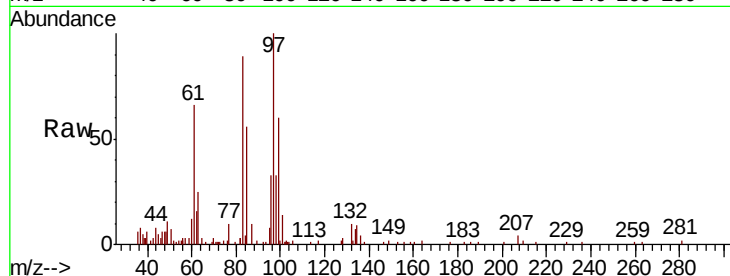
Ion Ratio Lower Upper

97 100

99 60.2 43.5 80.9

83 88.9 60.8 113.0

85 55.8 38.1 70.9

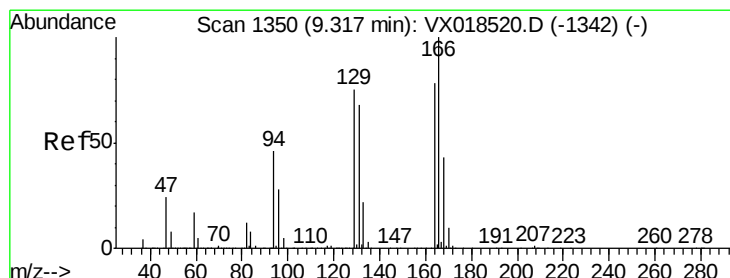
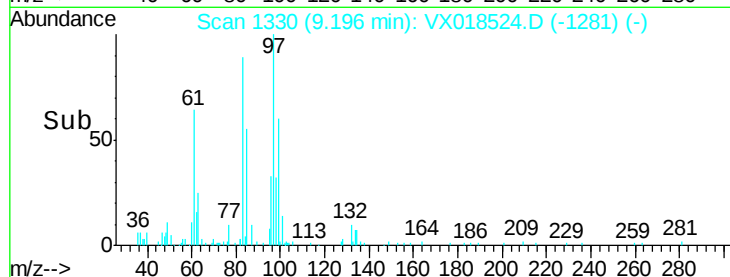
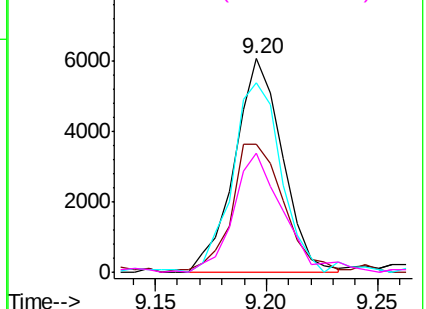


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#46

Tetrachloroethene

Concen: 2.403 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Tgt Ion: 164 Resp: 8961

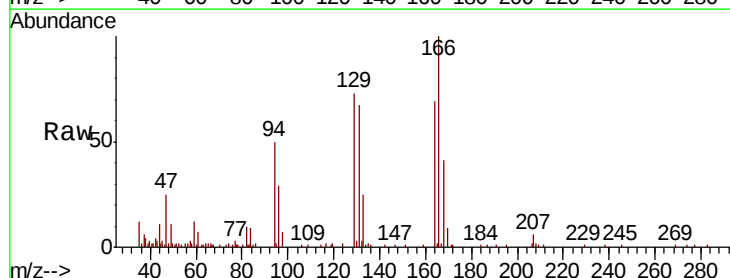
Ion Ratio Lower Upper

164 100

129 105.6 69.7 129.5

131 97.2 63.4 117.8

166 145.4 90.9 168.7

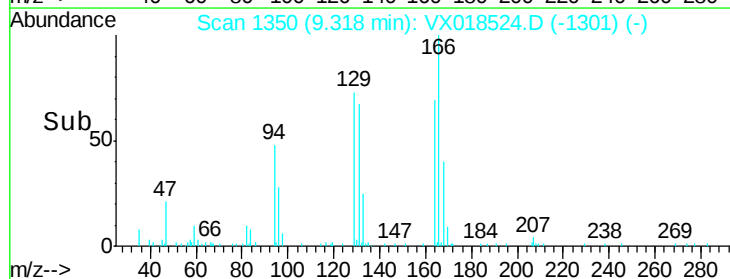
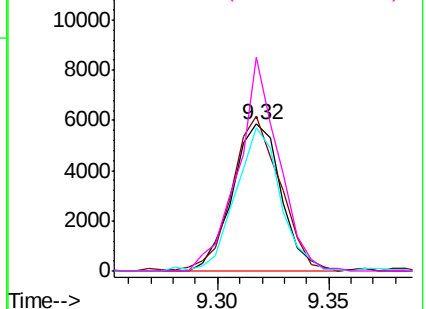


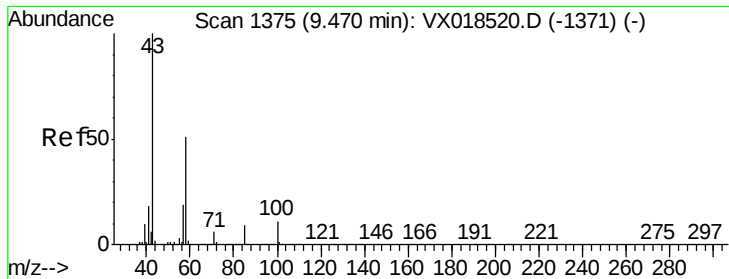
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

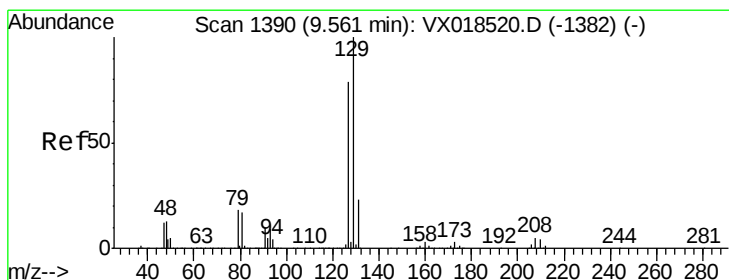
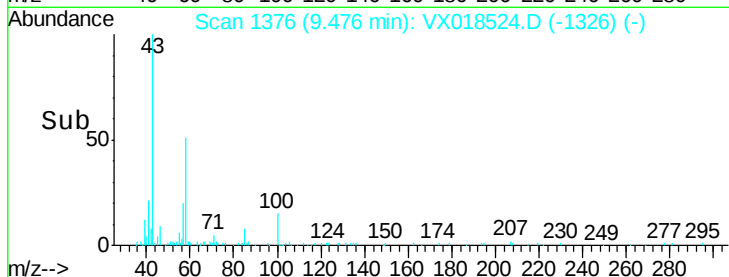
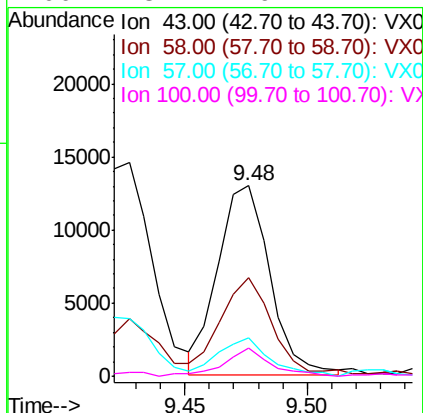
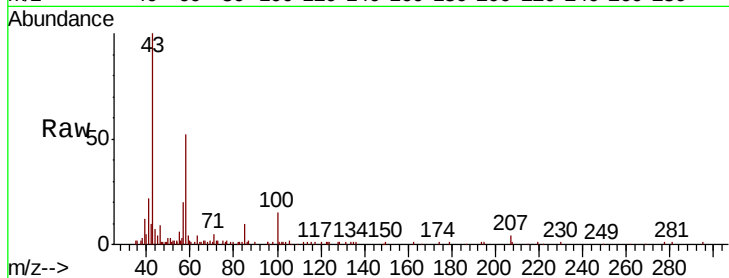




#48
2-Hexanone
Concen: 4.288 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018524.D
Acq: 22 Sep 2020 16:20

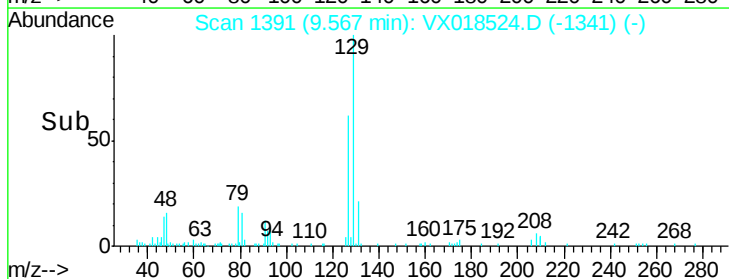
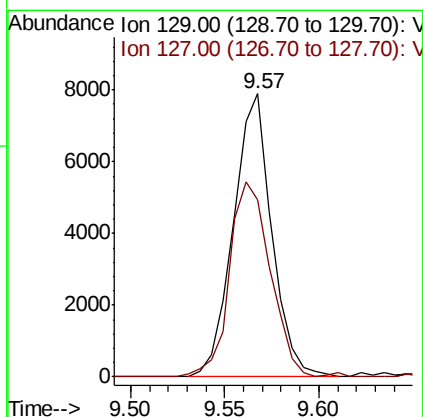
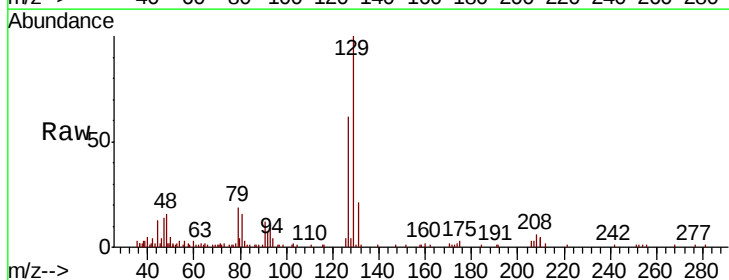
Instrument :
MSVOA_X
ClientSampleId :
MDL02

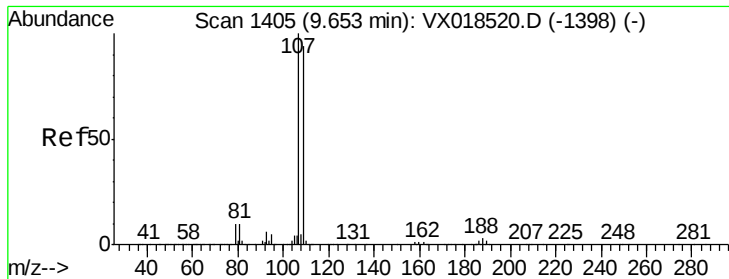
Tot Ion:	43	Resp:	19202
Ion	Ratio	Lower	Upper
43	100		
58	51.6	43.0	64.6
57	20.2	15.6	23.4
100	13.1	9.4	14.2



#49
Dibromochloromethane
Concen: 2.129 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018524.D
Acq: 22 Sep 2020 16:20

Tgt Ion:	129	Resp:	11139
Ion	Ratio	Lower	Upper
129	100		
127	62.5	52.6	97.6

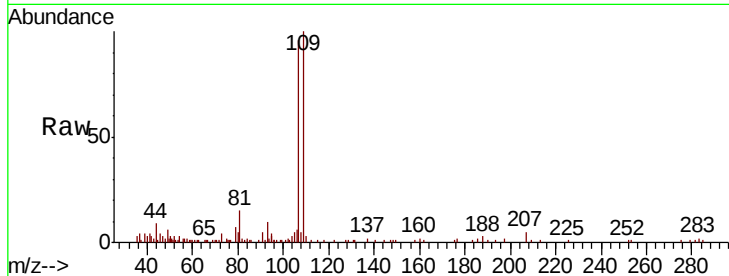




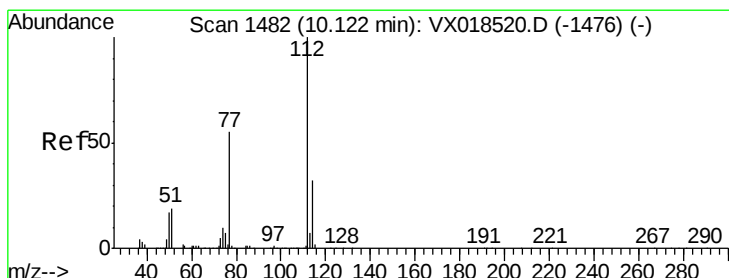
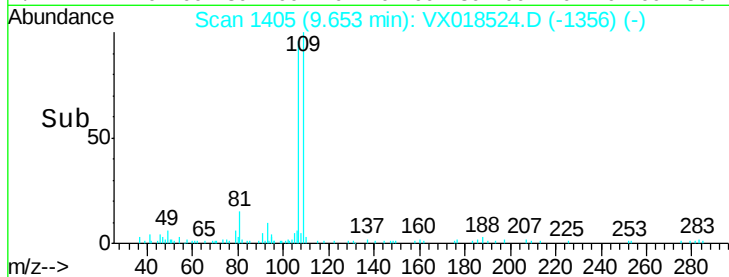
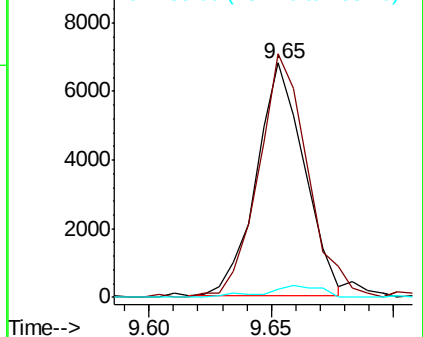
#50
 1,2-Dibromoethane
 Concen: 2.013 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

Tot Ion	Ratio	Lower	Upper
107	100		
109	103.9	65.7	121.9
188	3.5	3.0	4.4

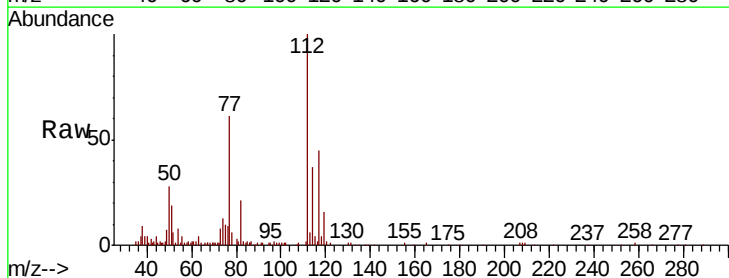


Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

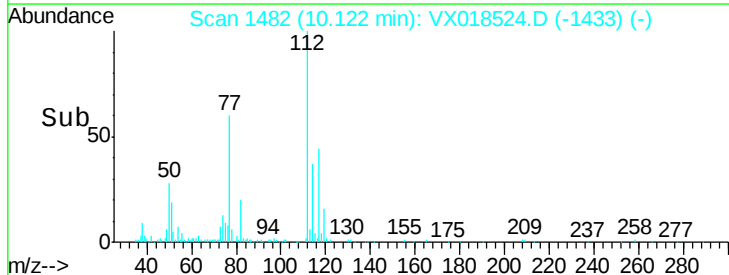
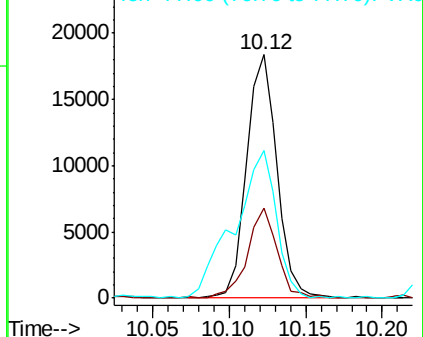


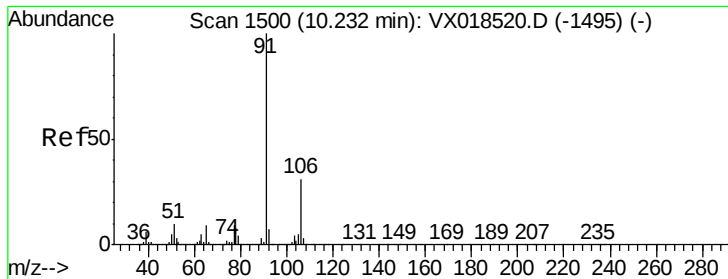
#51
 Chlorobenzene
 Concen: 2.165 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
114	37.0	22.2	41.2
77	60.9	46.1	69.1



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 2.028 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

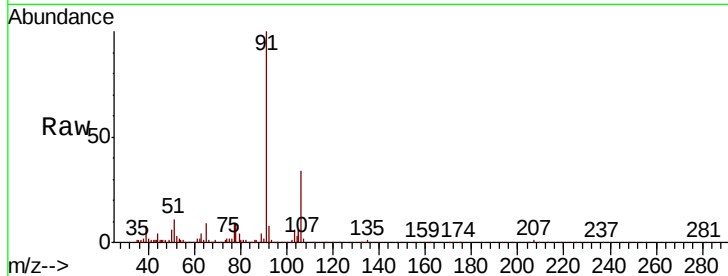
MDL02

Tot Ion: 91 Resp: 39422

Ion Ratio Lower Upper

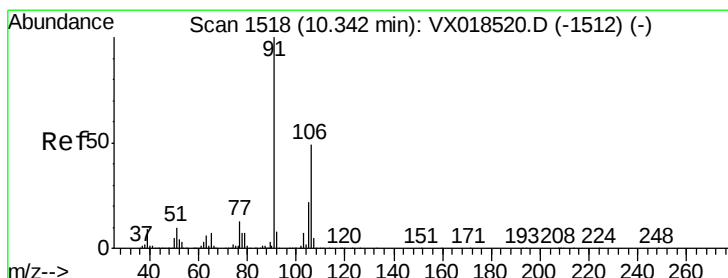
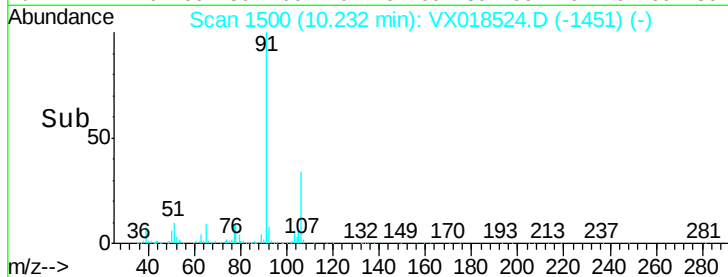
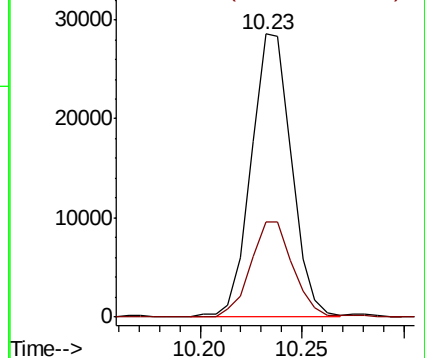
91 100

106 33.8 22.0 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 1.969 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018524.D

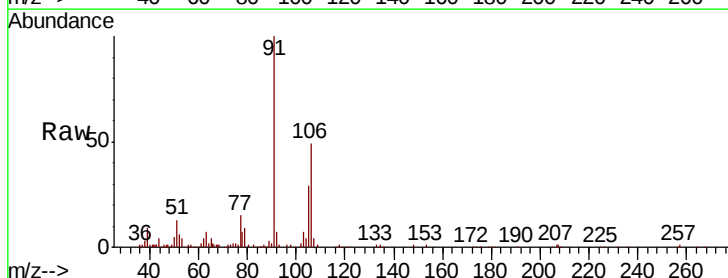
Acq: 22 Sep 2020 16:20

Tgt Ion: 106 Resp: 14576

Ion Ratio Lower Upper

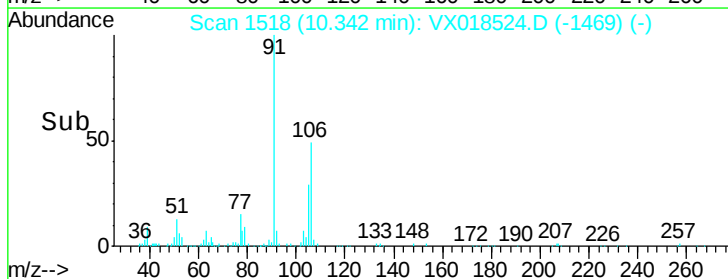
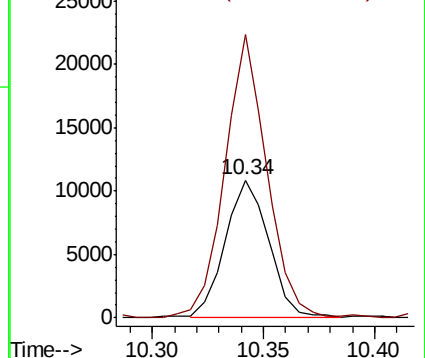
106 100

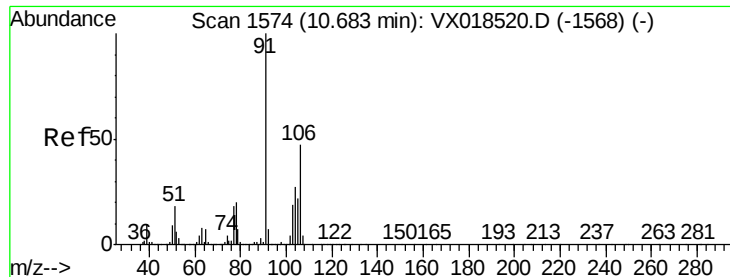
91 205.3 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#54

o-Xylene

Concen: 1.982 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampled :

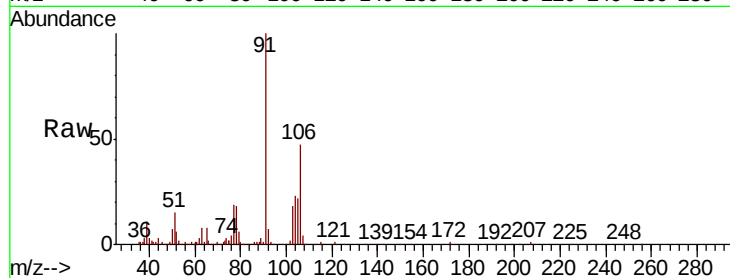
MDL02

Tot Ion:106 Resp: 14132

Ion Ratio Lower Upper

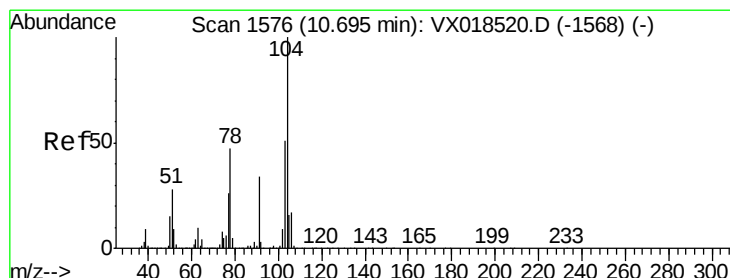
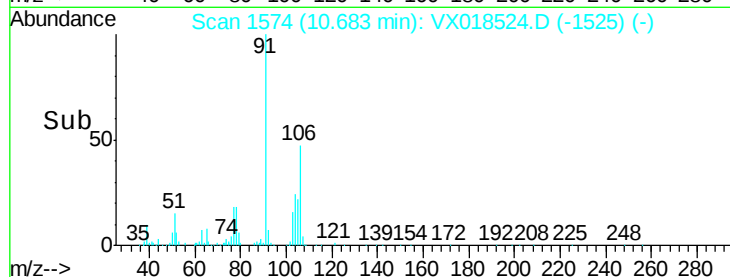
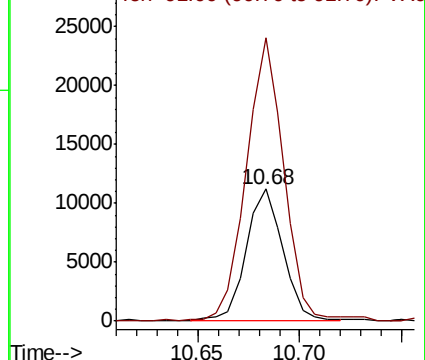
106 100

91 214.2 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 1.844 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018524.D

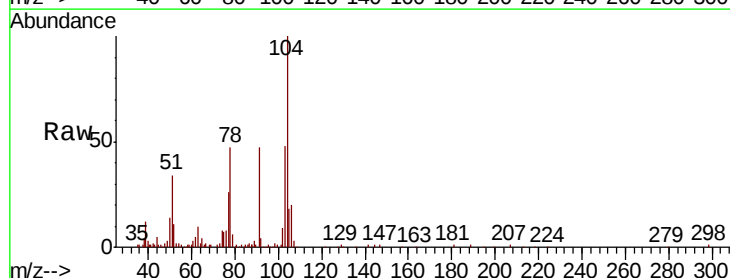
Acq: 22 Sep 2020 16:20

Tgt Ion:104 Resp: 22637

Ion Ratio Lower Upper

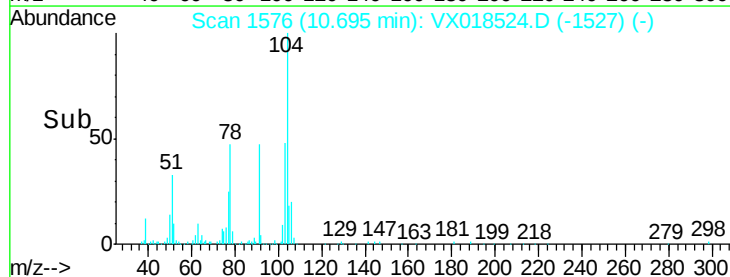
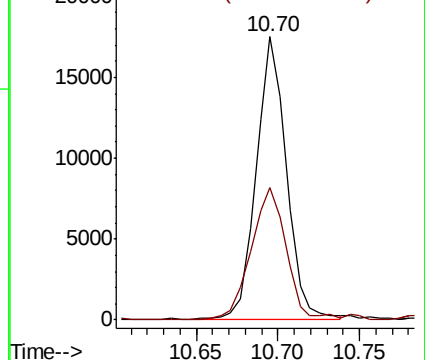
104 100

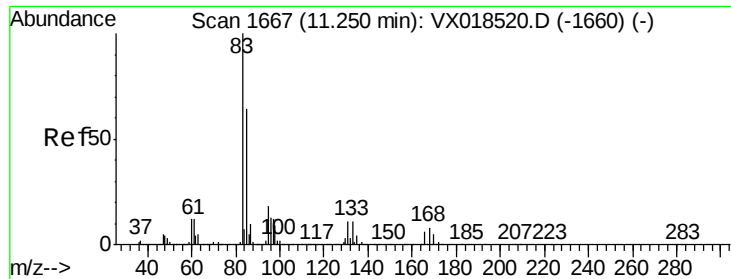
78 46.7 33.5 62.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

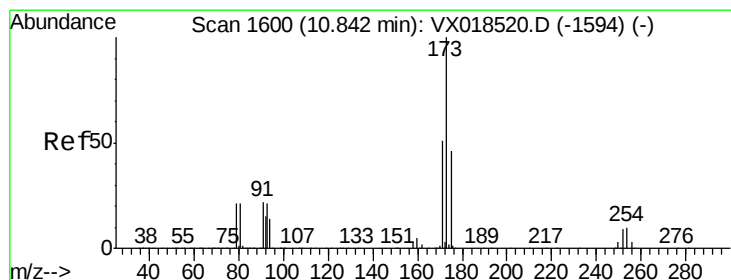
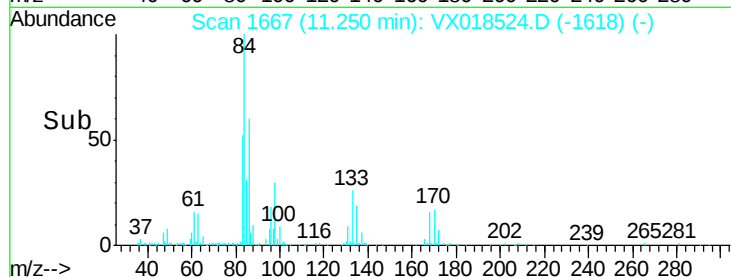
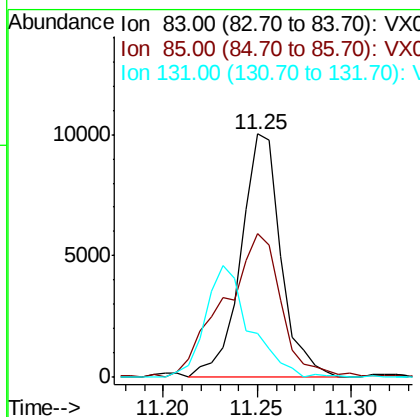
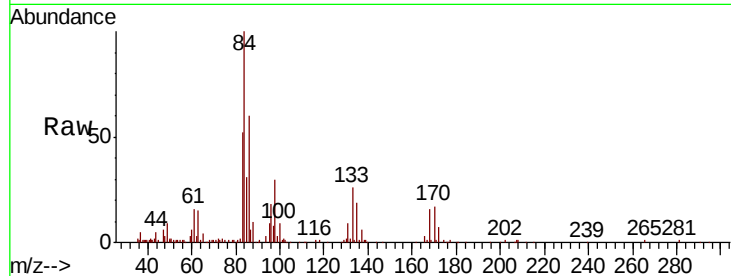




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.332 ug/L
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

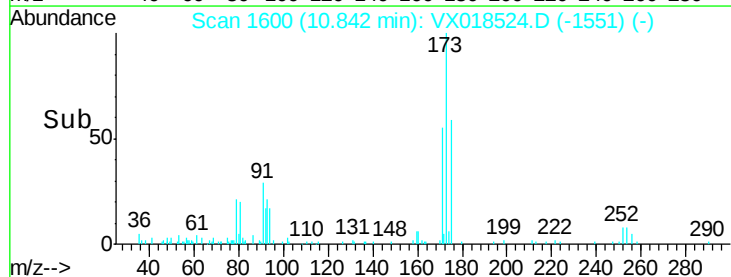
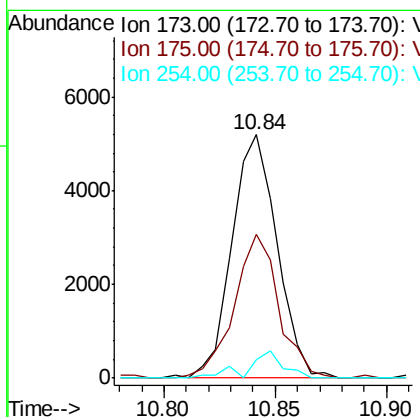
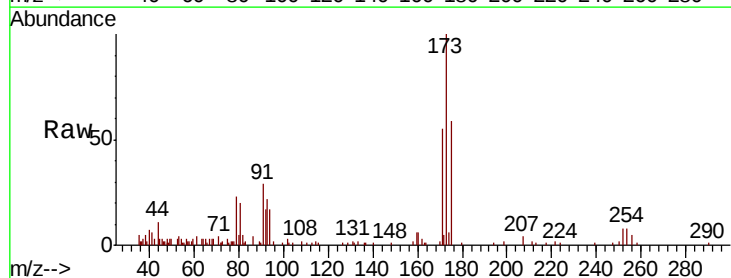
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

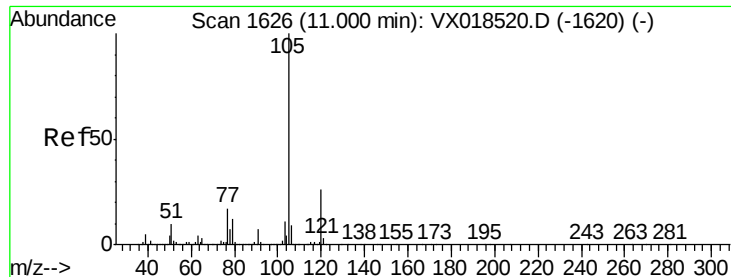
Tot Ion: 83 Resp: 14818
 Ion Ratio Lower Upper
 83 100
 85 59.3 45.6 84.8
 131 17.9 8.0 12.0#



#59
 Bromoform
 Concen: 2.054 ug/L
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion: 173 Resp: 7328
 Ion Ratio Lower Upper
 173 100
 175 58.3 37.7 56.5#
 254 6.7 7.2 10.8#





#60

Isopropylbenzene

Concen: 2.023 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MDL02

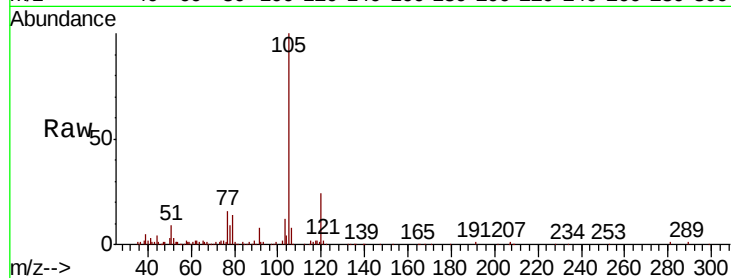
Tot Ion: 105 Resp: 35019

Ion Ratio Lower Upper

105 100

120 26.2 21.8 32.8

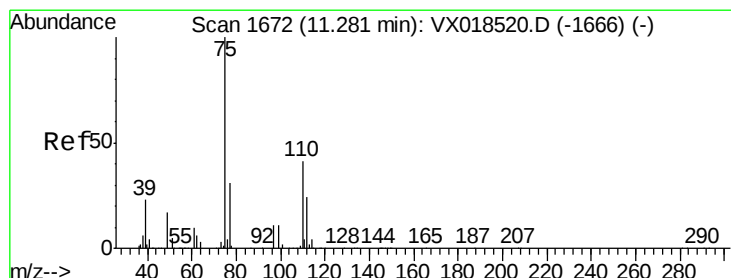
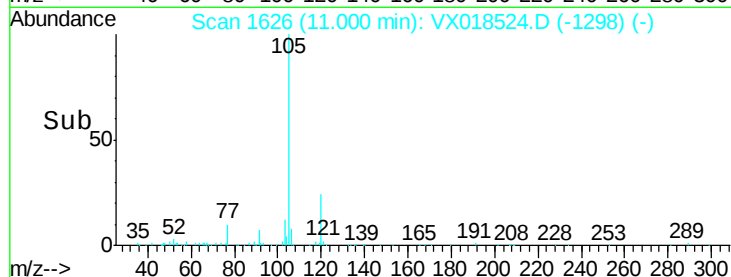
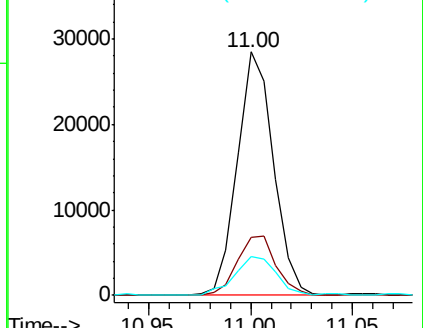
77 18.4 12.7 19.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 2.266 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

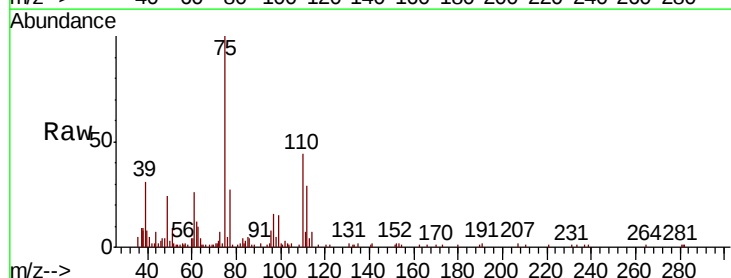
Tgt Ion: 75 Resp: 11063

Ion Ratio Lower Upper

75 100

77 29.2 26.0 39.0

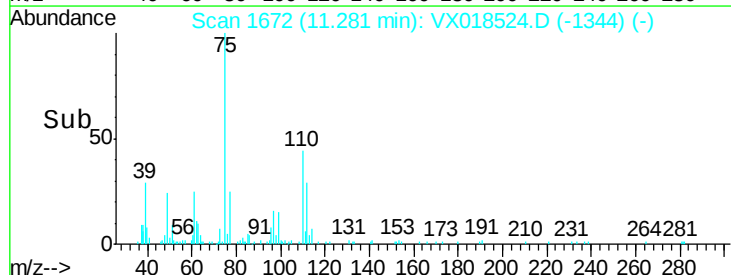
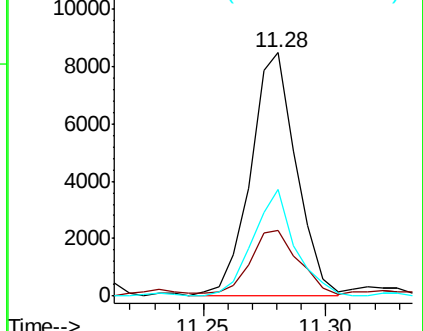
110 40.2 32.4 48.6

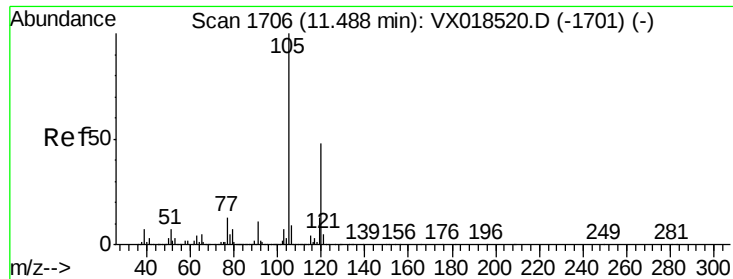


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 1.833 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

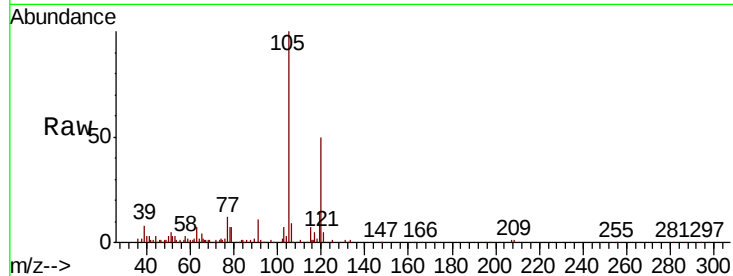
MDL02

Tot Ion:105 Resp: 26207

Ion Ratio Lower Upper

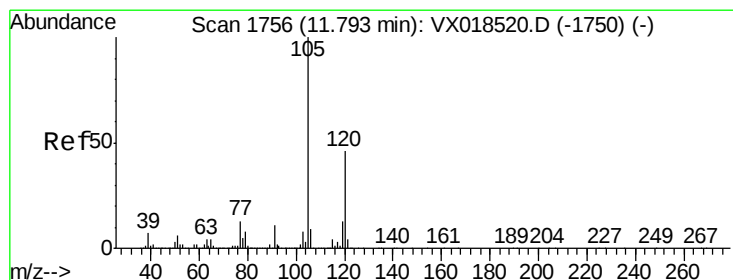
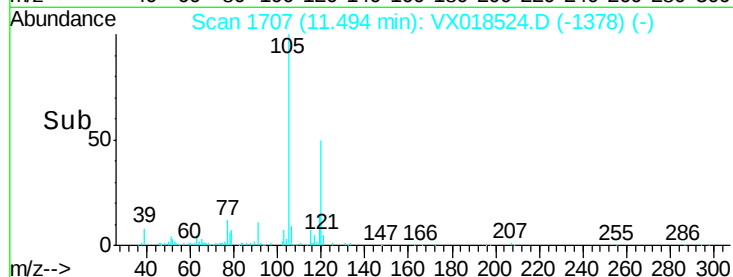
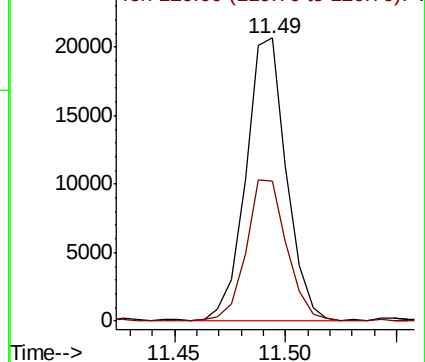
105 100

120 49.9 38.6 58.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#63

1,2,4-Trimethylbenzene

Concen: 1.787 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018524.D

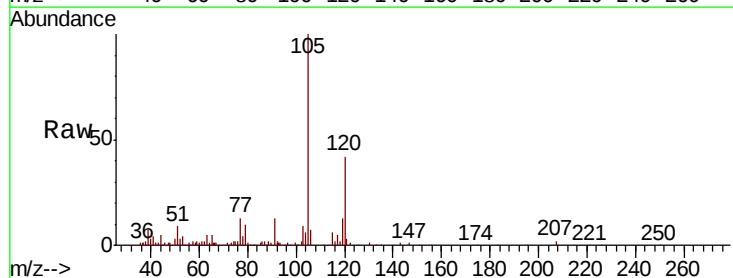
Acq: 22 Sep 2020 16:20

Tgt Ion:105 Resp: 26018

Ion Ratio Lower Upper

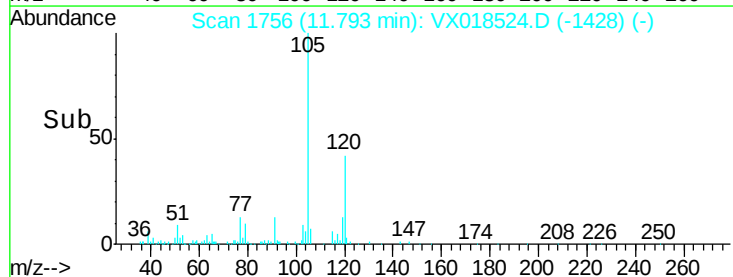
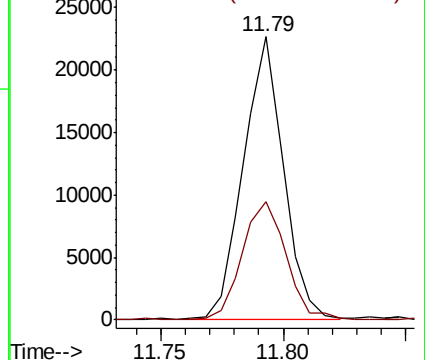
105 100

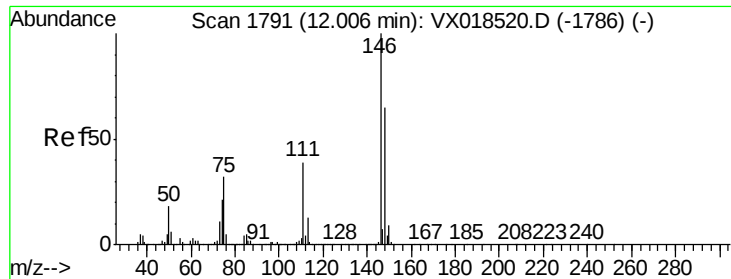
120 45.4 35.8 53.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

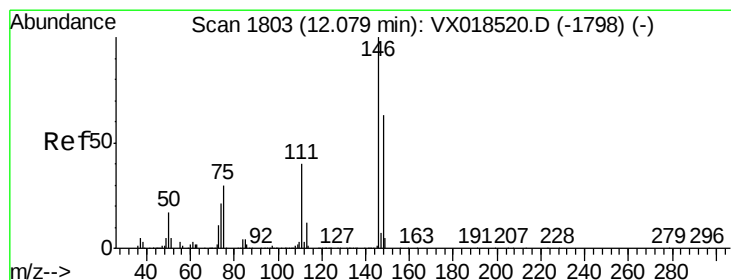
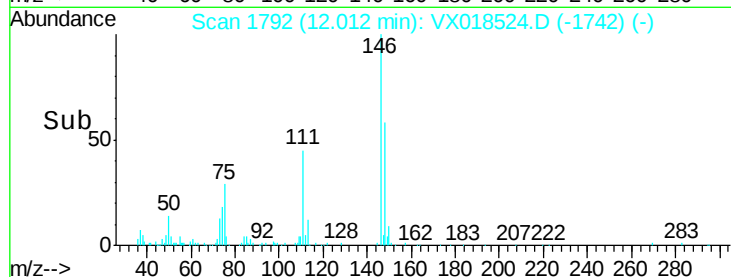
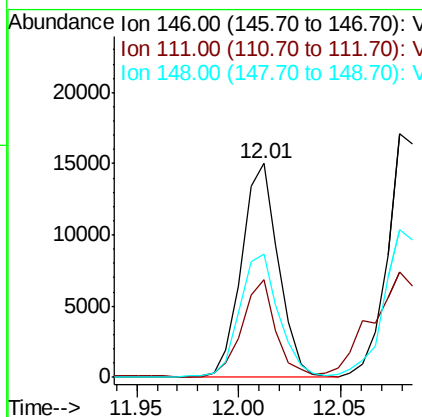
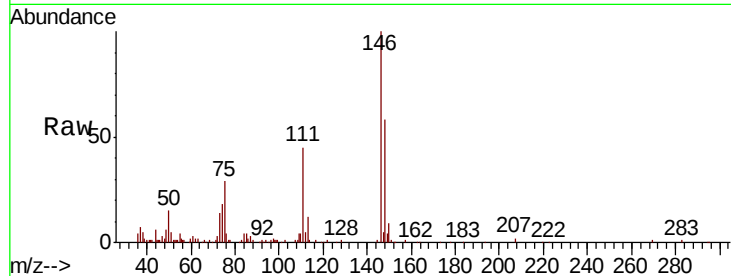




#64
 1,3-Dichlorobenzene
 Concen: 2.215 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

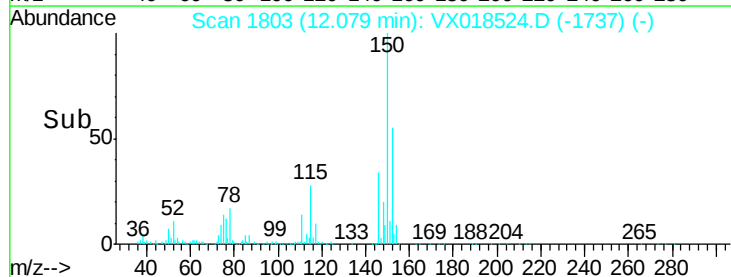
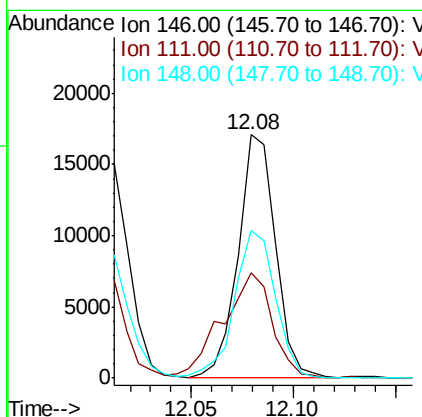
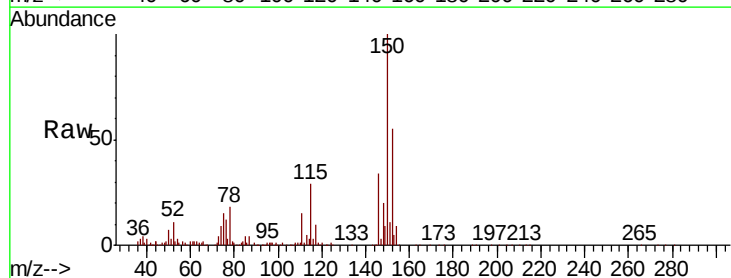
Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

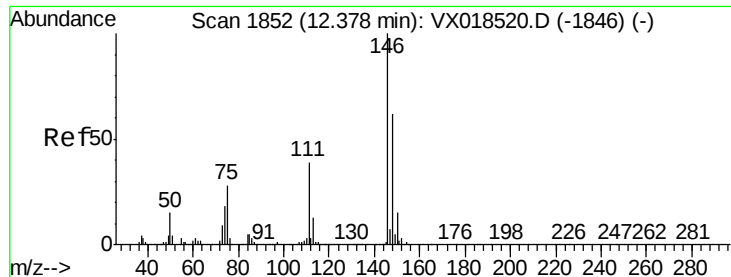
Tot Ion:146 Resp: 18944
 Ion Ratio Lower Upper
 146 100
 111 45.5 27.8 51.6
 148 57.9 42.6 79.2



#65
 1,4-Dichlorobenzene
 Concen: 2.522 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion:146 Resp: 21780
 Ion Ratio Lower Upper
 146 100
 111 43.2 27.9 51.7
 148 60.4 40.5 75.3

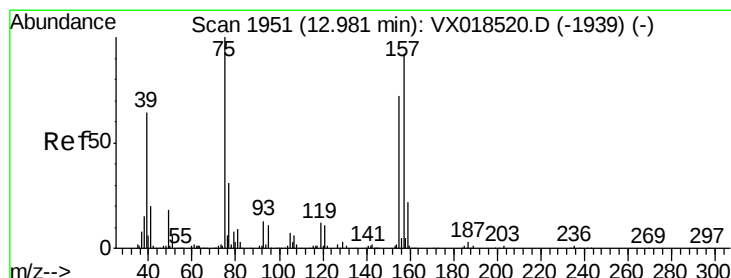
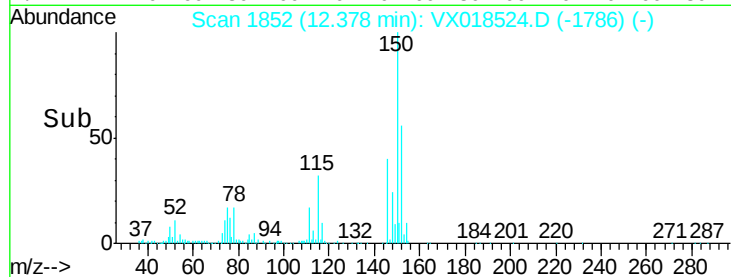
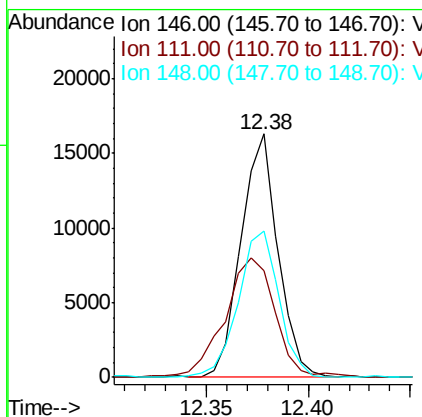
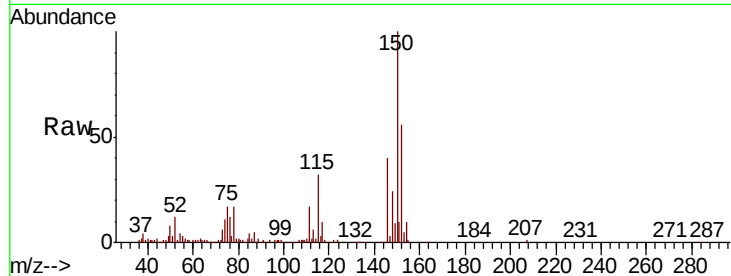




#67
 1,2-Dichlorobenzene
 Concen: 2.496 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

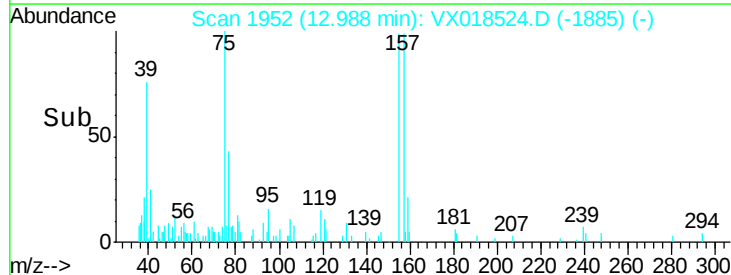
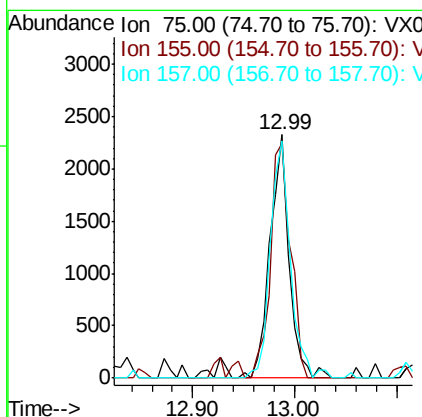
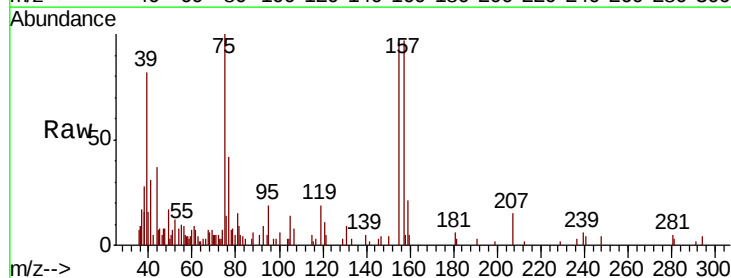
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

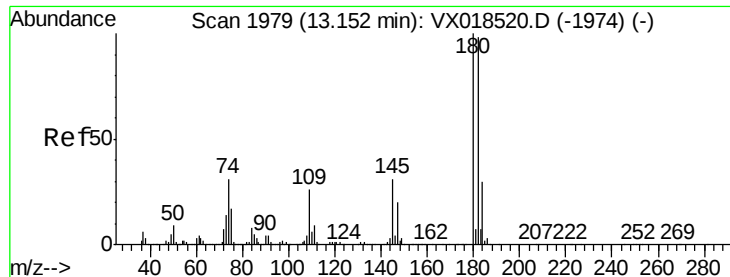
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	33.1	49.7
148	60.1	48.4	72.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.233 ug/L
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018524.D
 Acq: 22 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	59.4	89.0#
157	97.2	80.7	121.1





#69

1,3,5-Trichlorobenzene

Concen: 2.386 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tot Ion:180 Resp: 13533

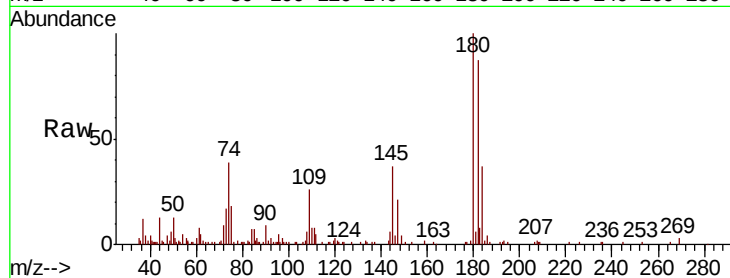
Ion Ratio Lower Upper

180 100

182 88.5 82.5 123.7

184 34.5 25.4 38.2

145 33.9 26.2 39.2

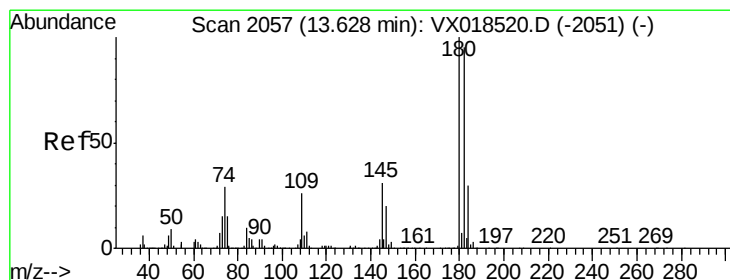
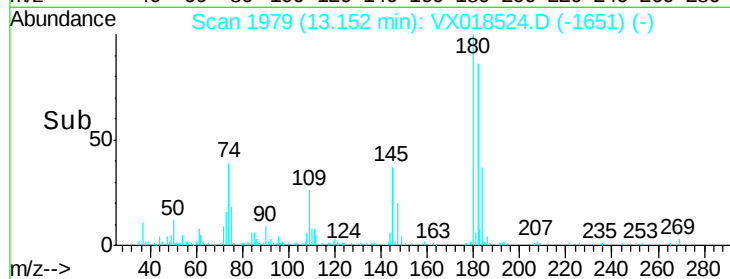
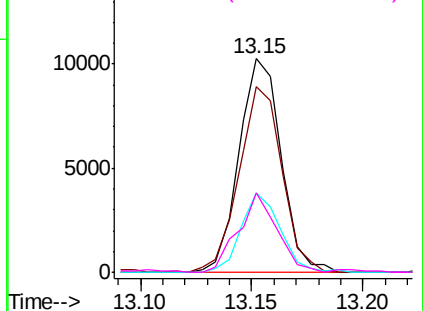


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70

1,2,4-trichlorobenzene

Concen: 2.664 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

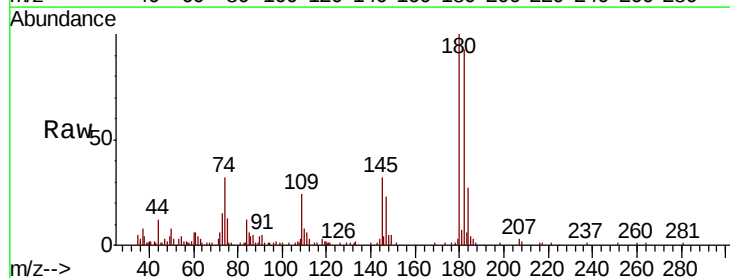
Tgt Ion:180 Resp: 13871

Ion Ratio Lower Upper

180 100

182 91.8 78.6 118.0

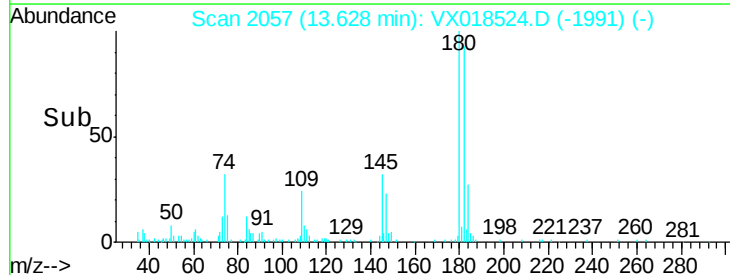
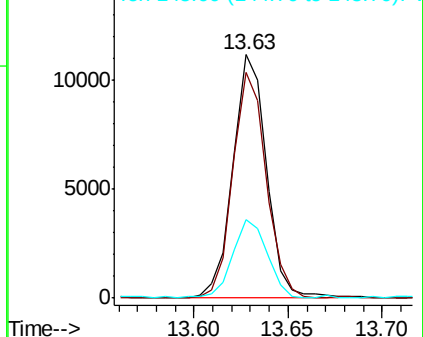
145 32.9 27.0 40.4

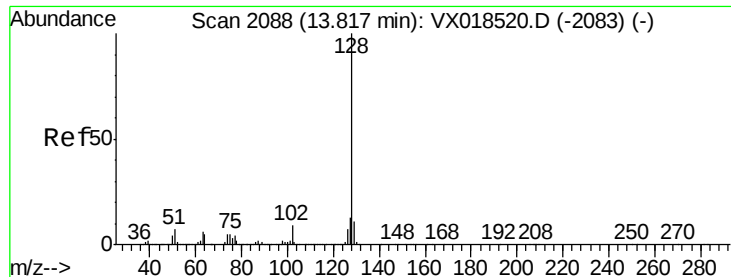


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#71

Naphthalene

Concen: 1.667 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

Instrument :

MSVOA_X

ClientSampled :

MDL02

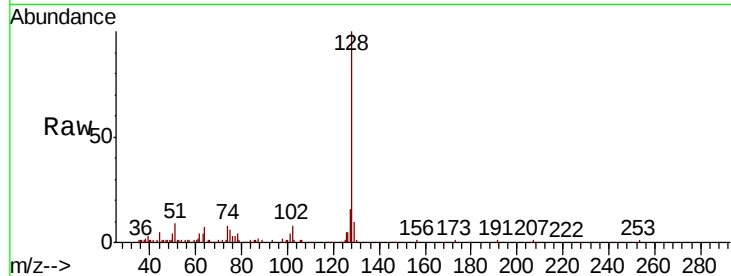
Tot Ion:128 Resp: 27097

Ion Ratio Lower Upper

128 100

127 15.3 10.6 15.8

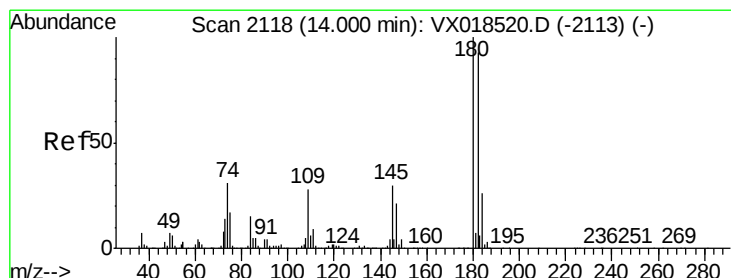
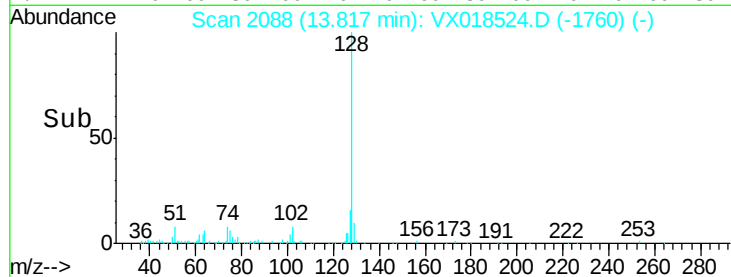
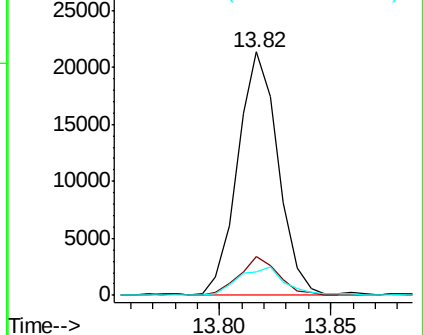
129 13.0 8.8 13.2



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



#72

1,2,3-Trichlorobenzene

Concen: 2.085 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018524.D

Acq: 22 Sep 2020 16:20

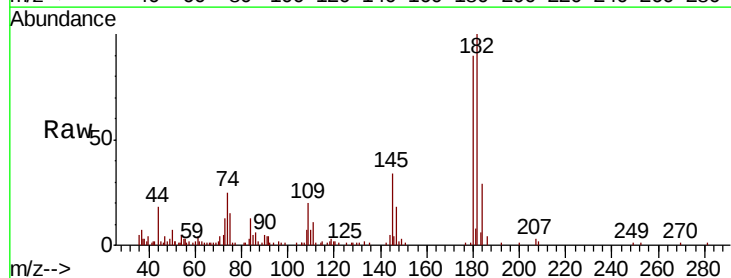
Tgt Ion:180 Resp: 10882

Ion Ratio Lower Upper

180 100

182 101.2 76.6 114.8

145 38.4 27.1 40.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

