

Data File : VL035424.D
Acq On : 17 Aug 2020 16:45
Operator : SY/AP
Sample : VSTDIC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Quant Time: Aug 17 17:15:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 09:05:17 2020
QLast Update : Mon Aug 17 09:05:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1153110	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5089860	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5045874	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3630890	8.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	35129	0.229	ppbv	93
3) Chlorodifluoromethane	2.99	51	17284	0.117	ppbv	93
4) Chloromethane	3.14	50	8880	0.114	ppbv	91
5) Vinyl Chloride	3.26	62	10145	0.128	ppbv	100
6) Bromomethane	3.48	94	8985	0.207	ppbv	89
7) Chloroethane	3.56	64	3393	0.129	ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	31301	0.179	ppbv #	66
9) Propene	3.01	41	6661	0.095	ppbv #	69
11) Trichlorofluoromethane	3.95	101	36779	0.200	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.50	101	27001	0.226	ppbv #	69
14) Bromoethene	3.75	108	11110	0.212	ppbv	98
15) Acetone	3.88	43	24603	0.162	ppbv #	53
16) 1,3-Butadiene	3.33	39	4959	0.071	ppbv #	67
18) 1,1-Dichloroethene	4.30	96	11123	0.207	ppbv #	70
20) Methylene Chloride	4.35	84	23248	0.413	ppbv #	61
21) Allyl Chloride	4.42	41	3303	0.037	ppbv #	1
22) trans-1,2-Dichloroethene	4.90	96	12039	0.225	ppbv #	46
23) Vinyl Acetate	5.10	43	21956	0.099	ppbv #	87
24) 1,1-Dichloroethane	5.02	63	20119	0.127	ppbv #	91
25) Ethyl Acetate	5.71	43	15000	0.049	ppbv #	66
26) Hexane	5.70	57	16918	0.128	ppbv #	74
27) Carbon Disulfide	4.56	76	18336	0.143	ppbv #	93
28) Methyl tert-Butyl Ether	5.07	73	27069	0.133	ppbv	91
29) Chloroform	5.76	83	32341	0.160	ppbv	96
30) Cyclohexane	7.15	84	12618	0.120	ppbv #	19
31) cis-1,2-Dichloroethene	5.56	61	15907	0.118	ppbv	91
32) 1,1,1-Trichloroethane	6.52	97	27719	0.137	ppbv #	91
34) 2-Butanone	5.28	43	18465	0.047	ppbv #	73
35) Carbon Tetrachloride	7.03	117	17966	0.048	ppbv	96
36) Benzene	6.91	78	39002	0.076	ppbv #	87
37) 1,2-Dichloroethane	6.32	62	18870	0.059	ppbv #	86
38) Trichloroethene	7.85	130	22445	0.112	ppbv #	80
39) 1,2-Dichloropropane	7.63	63	13461	0.065	ppbv #	72
42) Bromodichloromethane	7.81	83	25978	0.064	ppbv	88
43) Methyl Methacrylate	8.05	69	11826	0.053	ppbv #	66
44) 2,2,4-Trimethylpentane	7.89	57	49684	0.055	ppbv #	91
46) cis-1,3-Dichloropropene	8.73	75	13854	0.048	ppbv #	63
47) 1,1,2-Trichloroethane	9.49	97	19744	0.094	ppbv	89
48) Dibromochloromethane	10.32	129	23505	0.077	ppbv	100
49) Bromoform	13.07	173	13977	0.058	ppbv #	71
50) 4-Methyl-2-Pentanone	8.79	43	23013	0.041	ppbv	89

Data File : VL035424.D
Acq On : 17 Aug 2020 16:45
Operator : SY/AP
Sample : VSTDIC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Quant Time: Aug 17 17:15:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 09:05:17 2020
QLast Update : Mon Aug 17 09:05:17 2020
Response via : Initial Calibration

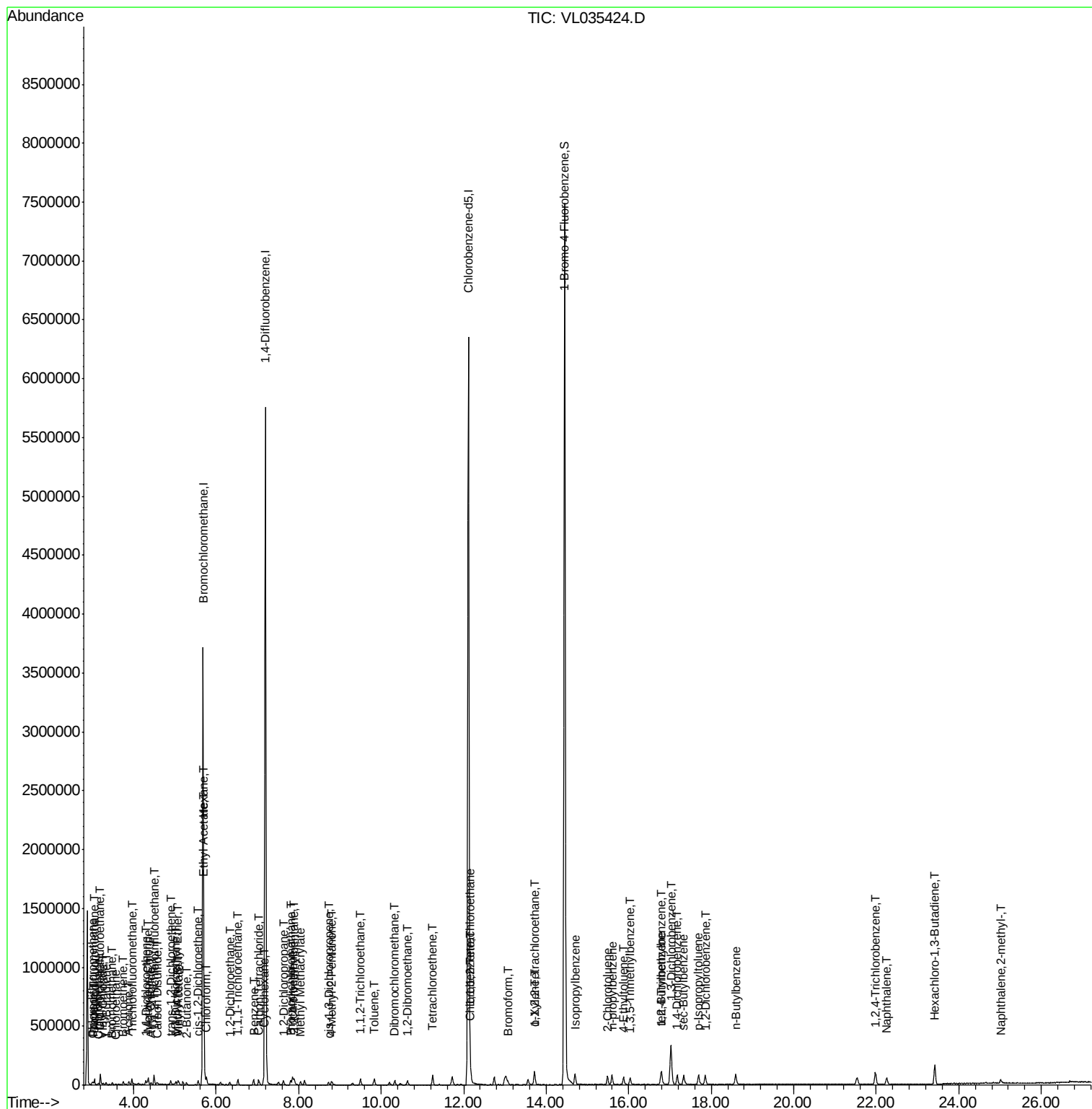
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Tetrachloroethene	11.25	164	17531	0.095	ppbv #	79
53) Toluene	9.83	91	45598	0.078	ppbv	99
54) 1,2-Dibromoethane	10.64	107	29959	0.093	ppbv	90
56) 1,1,1,2-Tetrachloroethane	12.16	131	7524	0.030	ppbv #	9
57) Chlorobenzene	12.18	112	25150	0.055	ppbv #	84
60) o-Xylene	13.72	91	47108	0.069	ppbv	87
62) Isopropylbenzene	14.70	105	85810	0.085	ppbv	94
63) 1,1,2,2-Tetrachloroethane	13.71	83	21923	0.041	ppbv #	29
64) n-propylbenzene	15.59	120	13000	0.051	ppbv	93
65) tert-Butylbenzene	16.78	119	44209	0.051	ppbv #	81
67) sec-Butylbenzene	17.34	105	87894	0.069	ppbv #	89
69) p-Isopropyltoluene	17.69	119	79962	0.077	ppbv #	91
70) n-Butylbenzene	18.59	91	79622	0.065	ppbv #	91
71) 2-Chlorotoluene	15.48	91	59505	0.072	ppbv	80
72) 4-Ethyltoluene	15.87	105	56932	0.071	ppbv #	89
73) 1,3,5-Trimethylbenzene	16.03	105	49306	0.065	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	58409	0.072	ppbv #	88
75) 1,3-Dichlorobenzene	17.03	146	57217	0.129	ppbv	91
76) 1,4-Dichlorobenzene	17.18	146	54873	0.121	ppbv	90
77) 1,2-Dichlorobenzene	17.85	146	56164	0.126	ppbv	91
78) Hexachloro-1,3-Butadiene	23.41	225	23001	0.067	ppbv #	8
79) Naphthalene	22.26	128	54797	0.058	ppbv	98
80) Naphthalene,2-methyl-	25.02	142	25537	0.065	ppbv #	88
81) 1,2,4-Trichlorobenzene	21.98	180	61167	0.136	ppbv	96

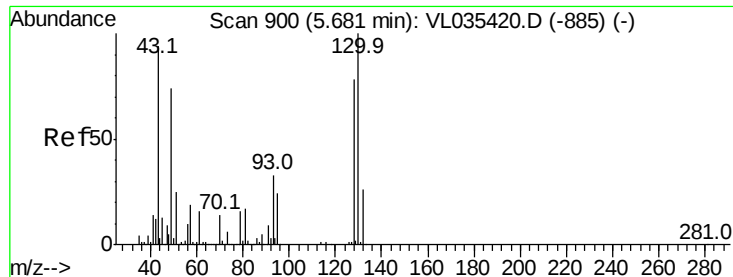
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL035424.D
Acq On : 17 Aug 2020 16:45
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Aug 17 17:15:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 17 09:05:17 2020
QLast Update : Mon Aug 17 09:05:17 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

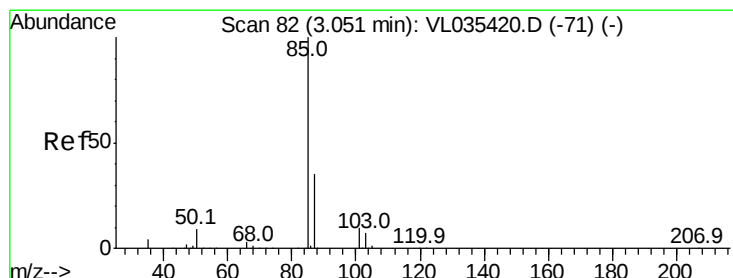
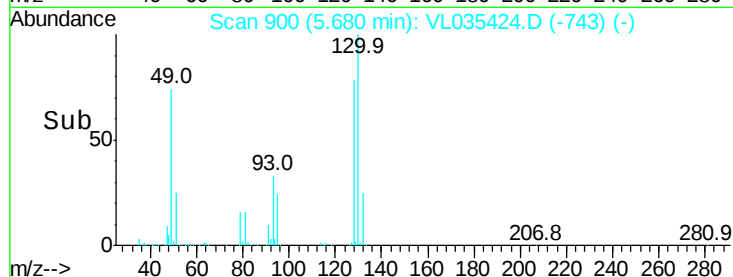
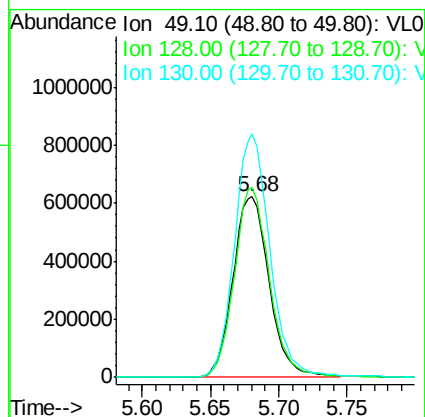
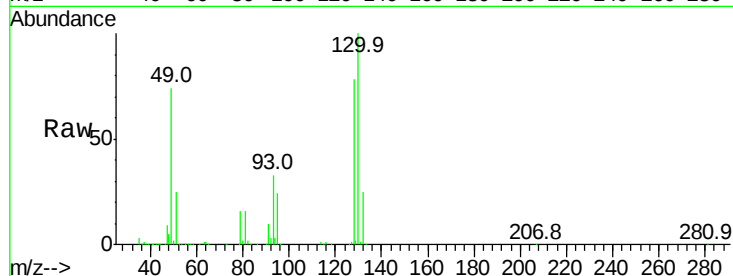
Tgt Ion: 49 Resp: 1153110

Ion Ratio Lower Upper

49 100

128 102.2 20.9 62.7#

130 132.7 26.7 80.1#



#2

Dichlorodifluoromethane

Concen: 0.229 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL035424.D

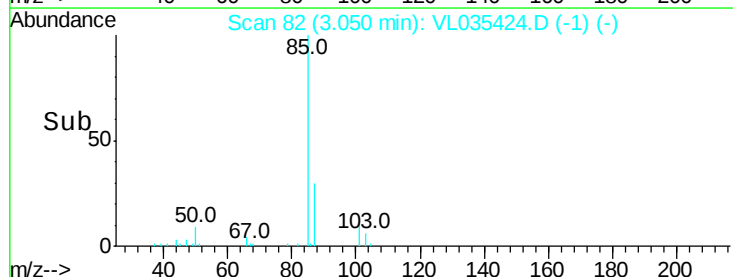
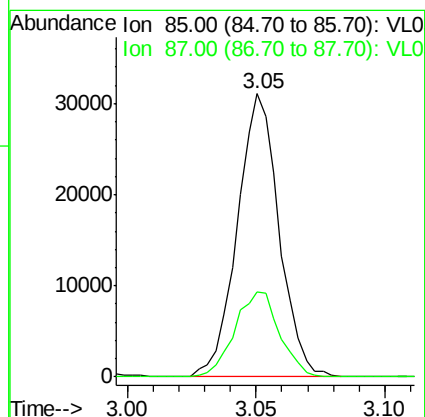
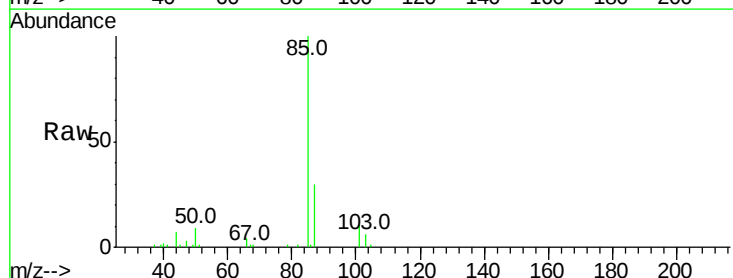
Acq: 17 Aug 2020 16:45

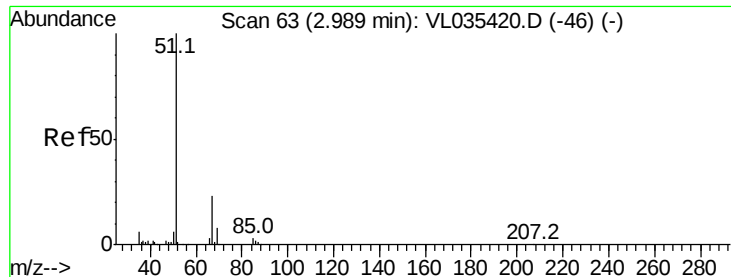
Tgt Ion: 85 Resp: 35129

Ion Ratio Lower Upper

85 100

87 30.0 27.1 40.7





#3

Chlorodifluoromethane

Concen: 0.117 ppbv

RT: 2.99 min Scan# 64

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

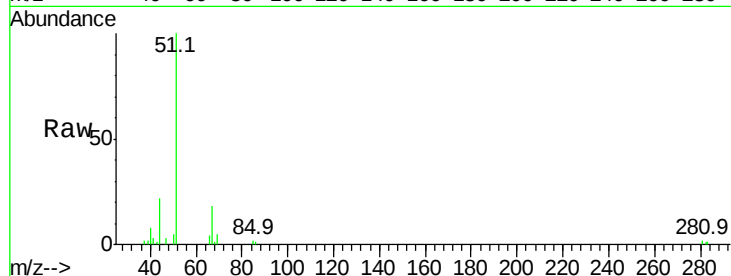
VSTDIC0.1

Tgt Ion: 51 Resp: 17284

Ion Ratio Lower Upper

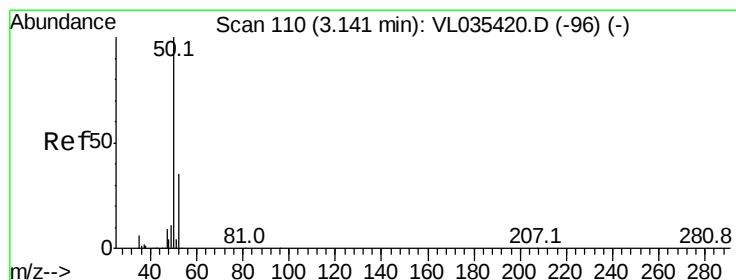
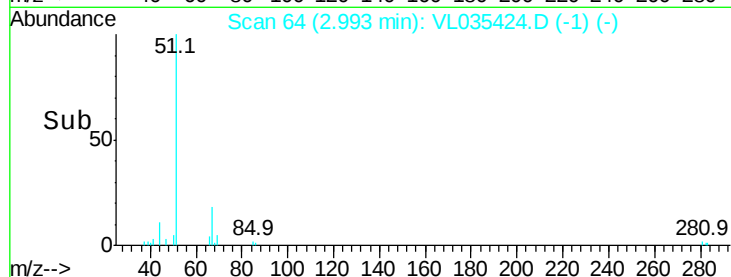
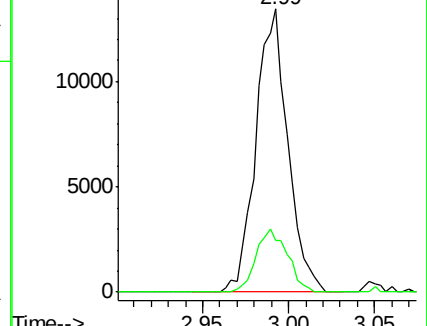
51 100

67 21.7 15.0 22.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.114 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL035424.D

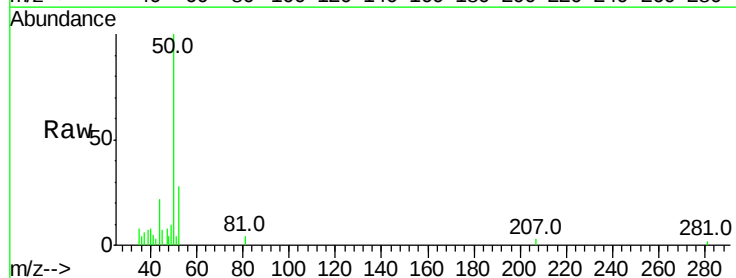
Acq: 17 Aug 2020 16:45

Tgt Ion: 50 Resp: 8880

Ion Ratio Lower Upper

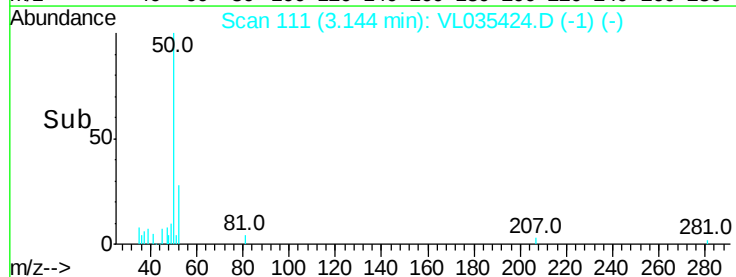
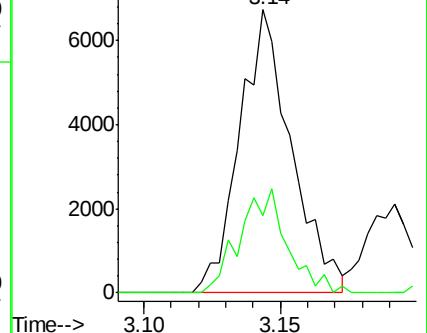
50 100

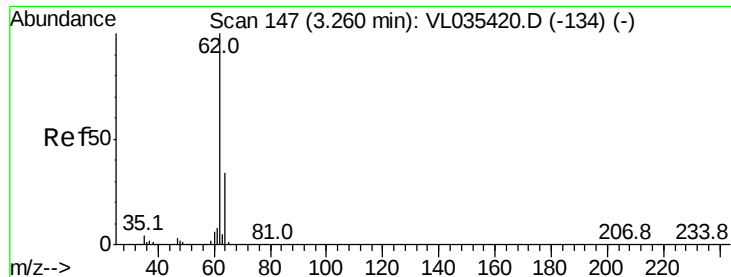
52 27.5 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.128 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

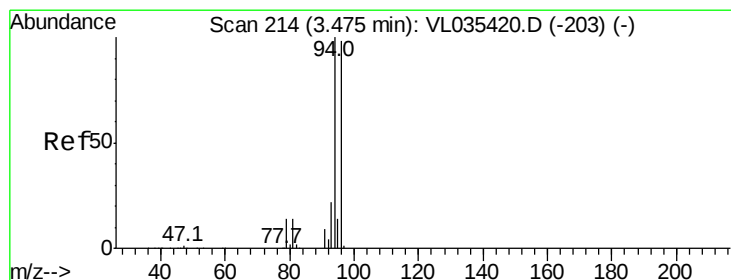
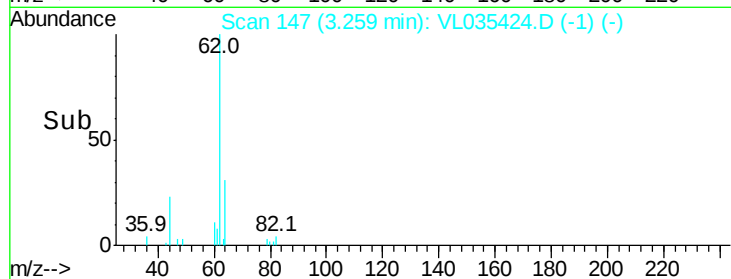
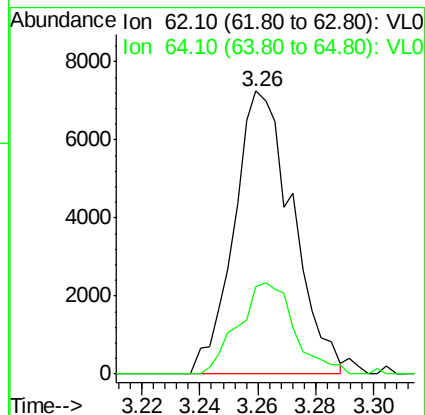
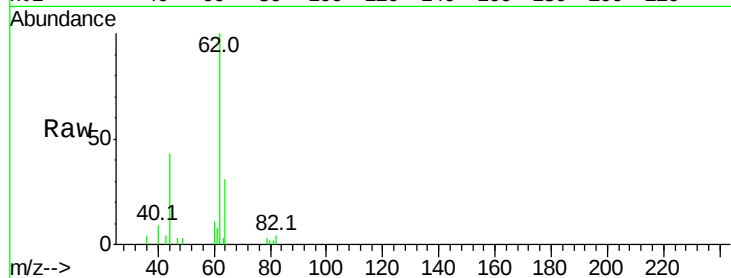
VSTDIC0.1

Tgt Ion: 62 Resp: 10145

Ion Ratio Lower Upper

62 100

64 30.9 25.0 37.4



#6

Bromomethane

Concen: 0.207 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL035424.D

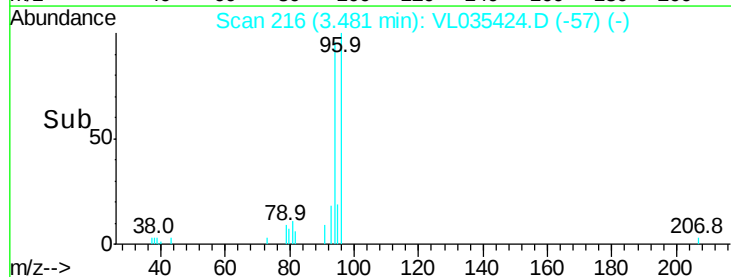
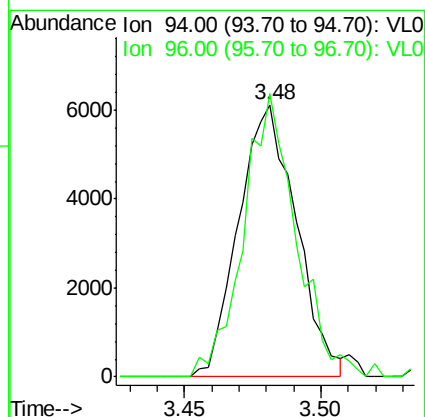
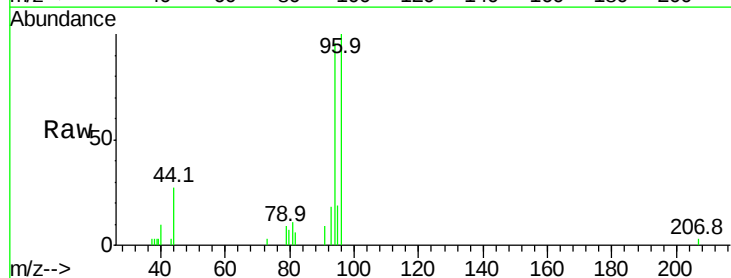
Acq: 17 Aug 2020 16:45

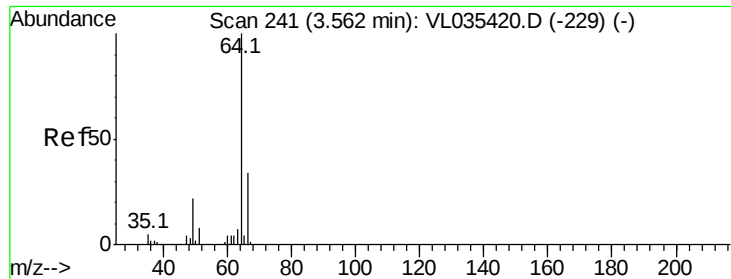
Tgt Ion: 94 Resp: 8985

Ion Ratio Lower Upper

94 100

96 104.1 75.0 112.6





#7

Chloroethane

Concen: 0.129 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

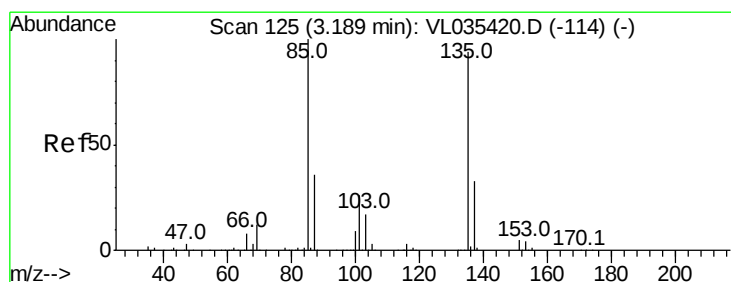
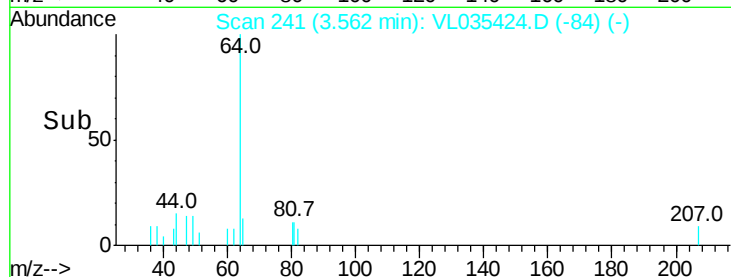
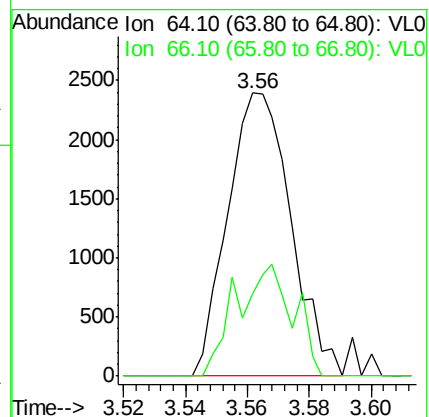
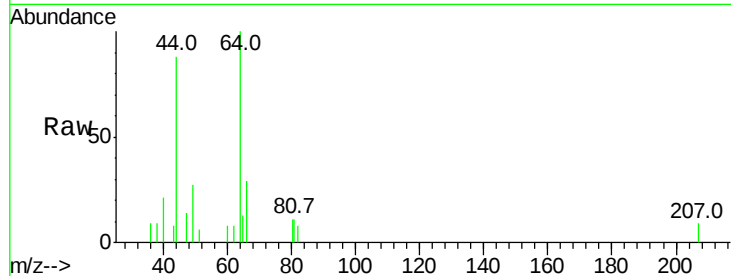
VSTDIC0.1

Tgt Ion: 64 Resp: 3393

Ion Ratio Lower Upper

64 100

66 25.9 24.5 36.7



#8

Dichlorotetrafluoroethane

Concen: 0.179 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.01 min

Lab File: VL035424.D

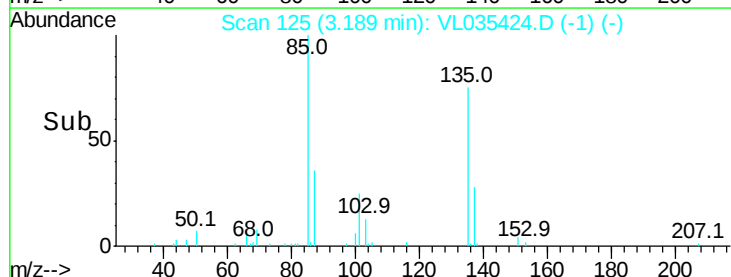
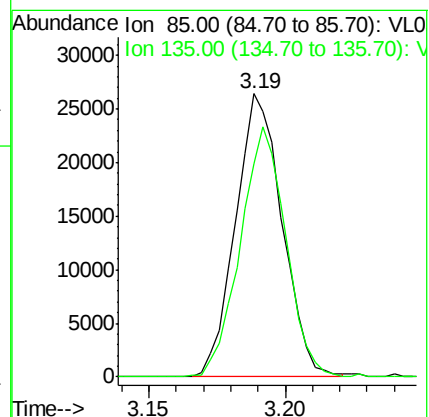
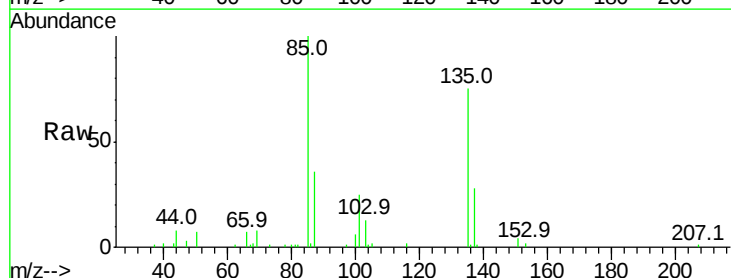
Acq: 17 Aug 2020 16:45

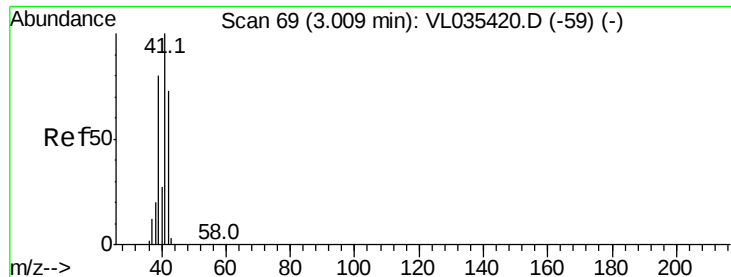
Tgt Ion: 85 Resp: 31301

Ion Ratio Lower Upper

85 100

135 86.2 48.6 72.8#





#9

Propene

Concen: 0.095 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

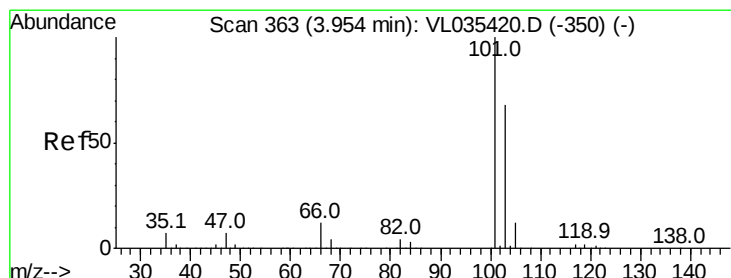
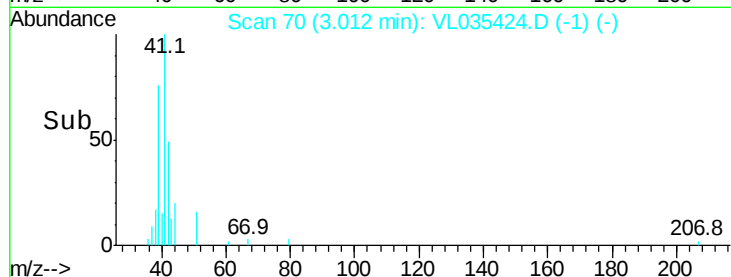
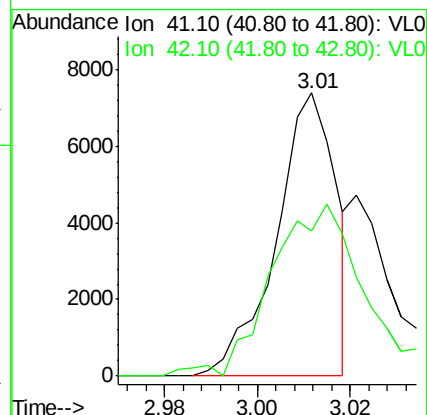
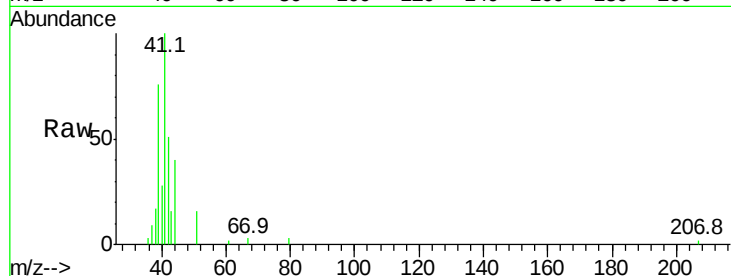
VSTDIC0.1

Tgt Ion: 41 Resp: 6661

Ion Ratio Lower Upper

41 100

42 95.1 55.5 83.3#



#11

Trichlorofluoromethane

Concen: 0.200 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VL035424.D

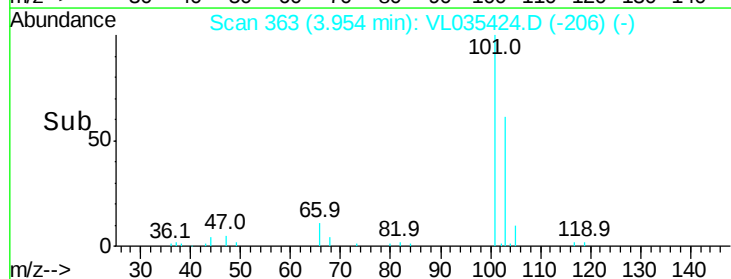
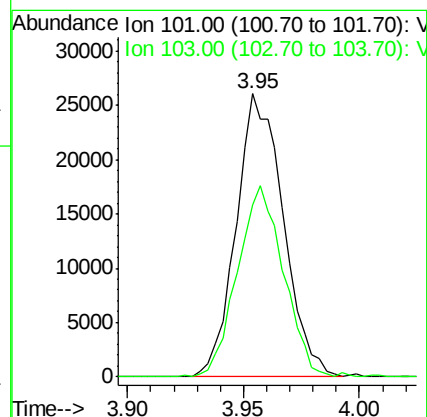
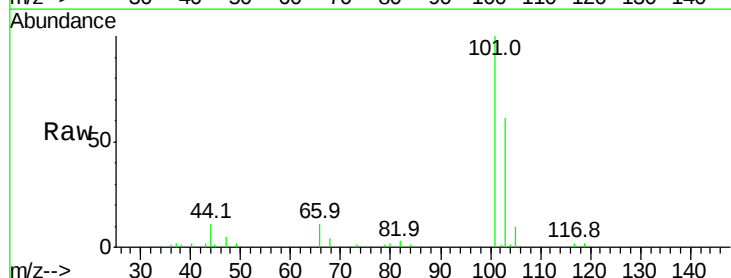
Acq: 17 Aug 2020 16:45

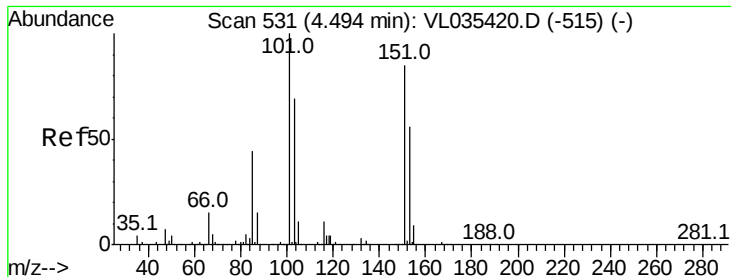
Tgt Ion: 101 Resp: 36779

Ion Ratio Lower Upper

101 100

103 60.8 52.6 78.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.226 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

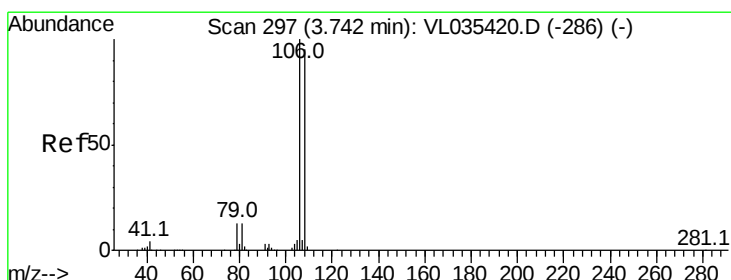
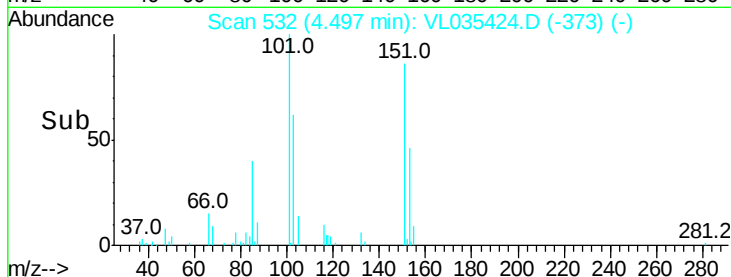
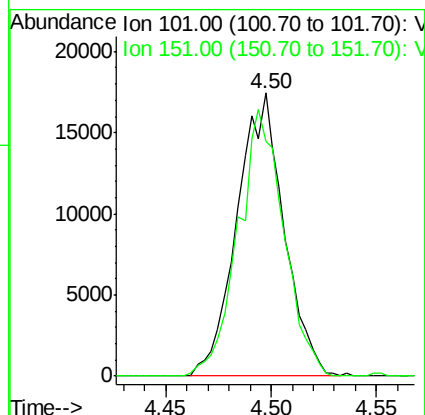
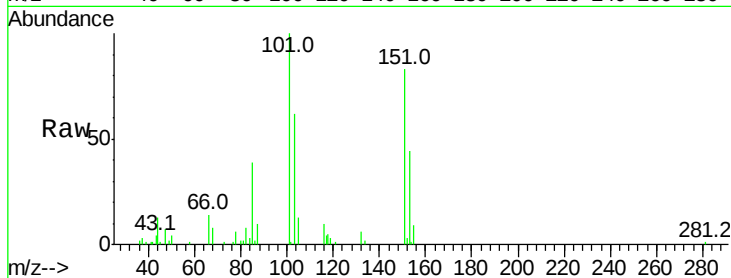
VSTDIC0.1

Tgt Ion:101 Resp: 27001

Ion Ratio Lower Upper

101 100

151 91.5 53.6 80.4#



#14

Bromoethene

Concen: 0.212 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

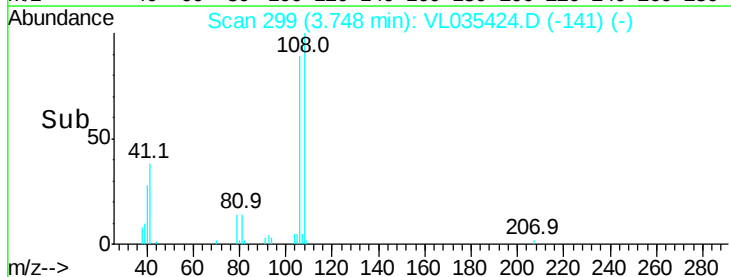
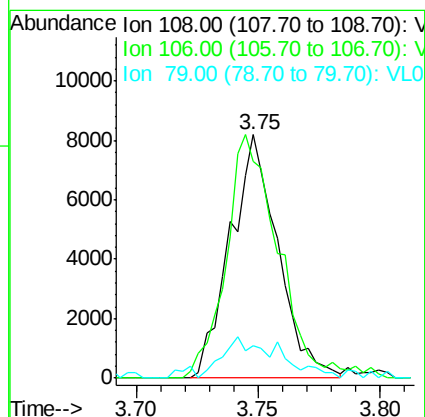
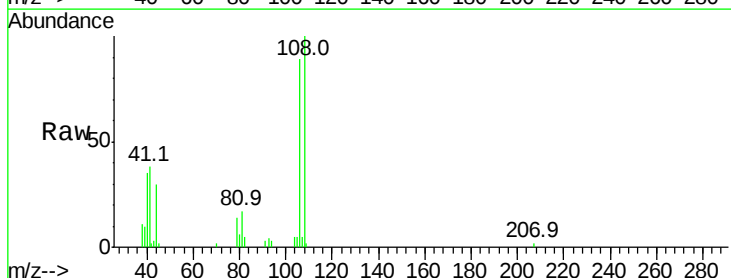
Tgt Ion:108 Resp: 11110

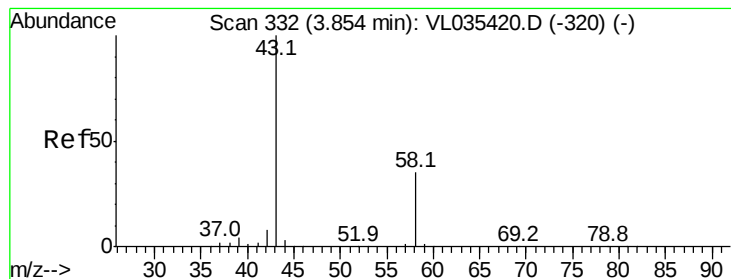
Ion Ratio Lower Upper

108 100

106 110.1 86.7 130.1

79 22.1 16.8 25.2





#15

Acetone

Concen: 0.162 ppbv

RT: 3.88 min Scan# 340

Delta R.T. 0.03 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

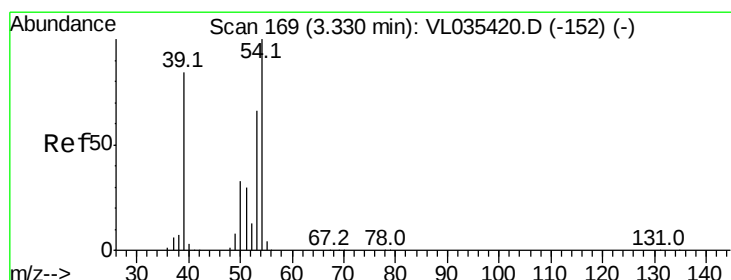
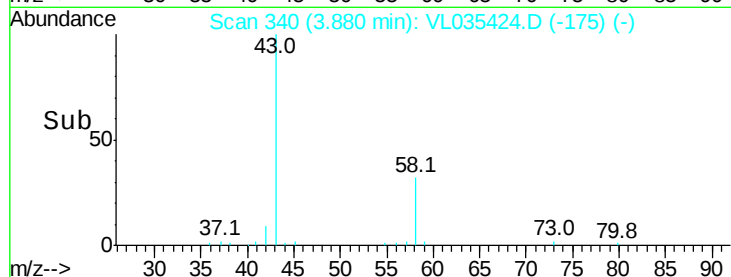
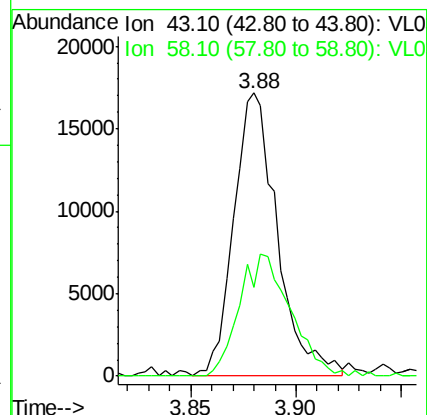
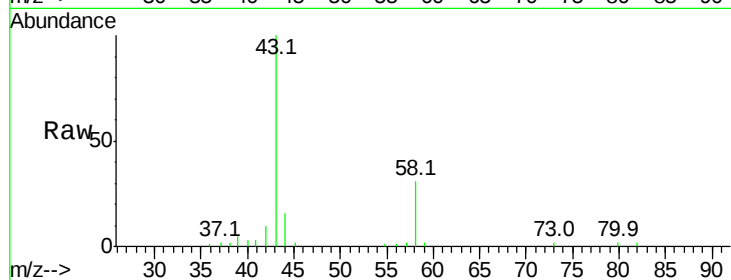
VSTDIC0.1

Tgt Ion: 43 Resp: 24603

Ion Ratio Lower Upper

43 100

58 50.5 21.0 31.6#



#16

1,3-Butadiene

Concen: 0.071 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.01 min

Lab File: VL035424.D

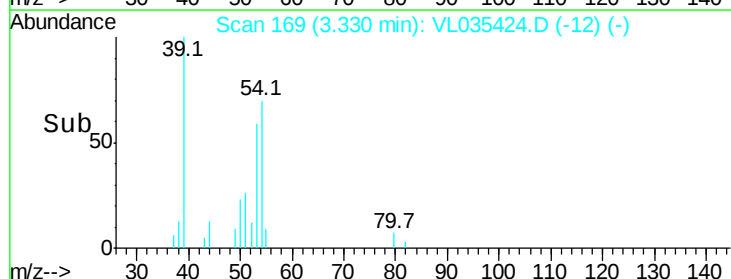
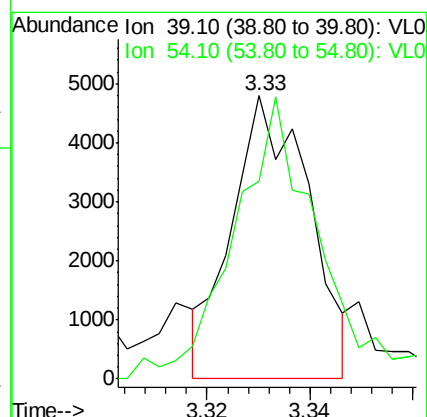
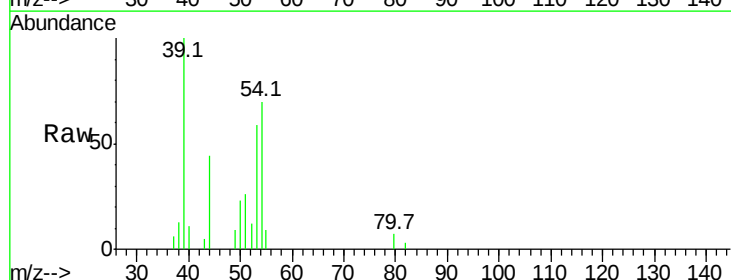
Acq: 17 Aug 2020 16:45

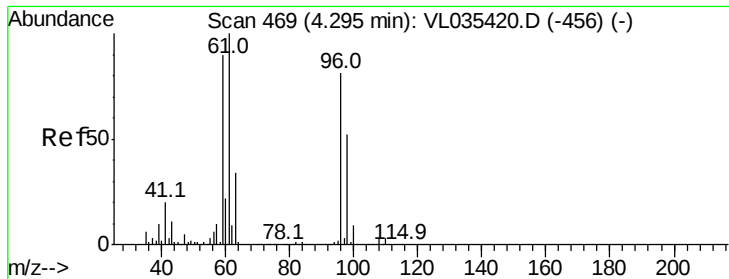
Tgt Ion: 39 Resp: 4959

Ion Ratio Lower Upper

39 100

54 109.4 64.4 96.6#





#18

1,1-Dichloroethene

Concen: 0.207 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

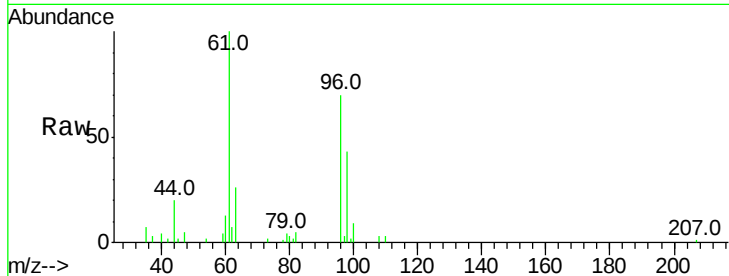
Tgt Ion: 96 Resp: 11123

Ion Ratio Lower Upper

96 100

61 141.6 161.8 242.6#

98 61.7 49.3 73.9

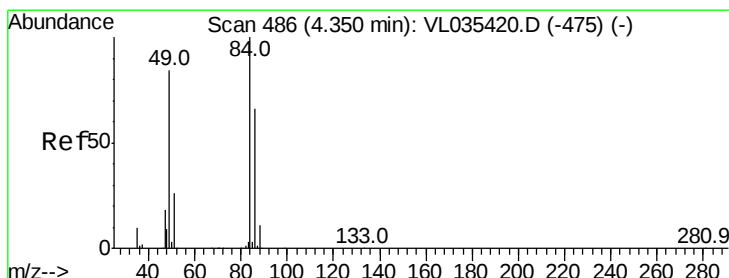
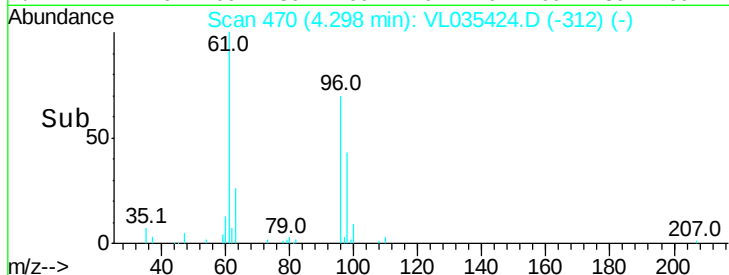
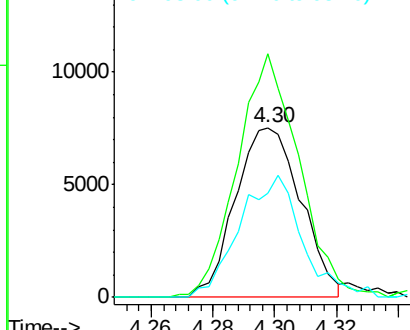


Abundance

Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#20

Methylene Chloride

Concen: 0.413 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Tgt Ion: 84 Resp: 23248

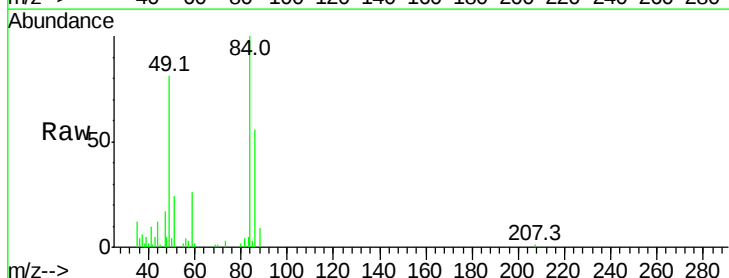
Ion Ratio Lower Upper

84 100

49 81.1 118.6 177.8#

51 23.7 36.4 54.6#

86 55.8 50.2 75.4



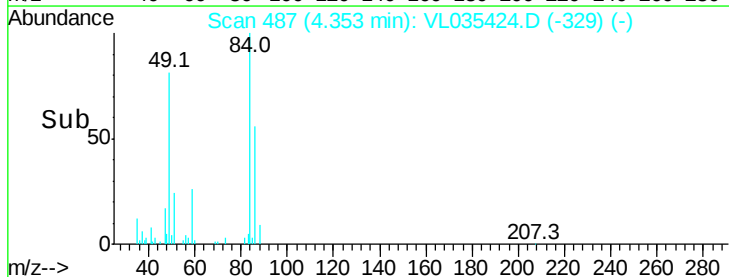
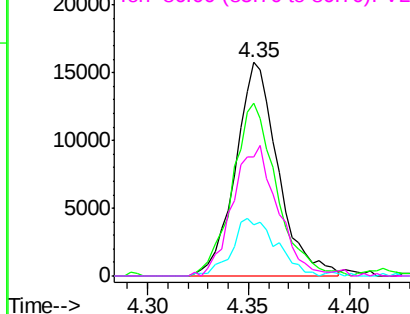
Abundance

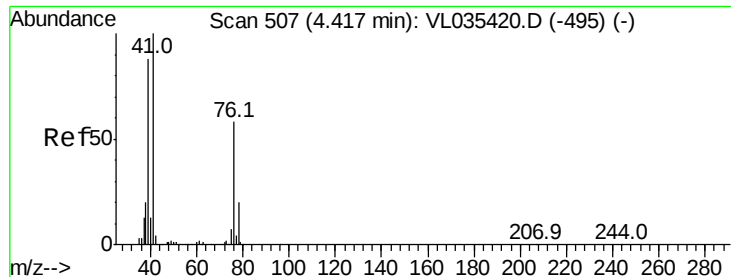
Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#21

Allyl Chloride

Concen: 0.037 ppbv

RT: 4.42 min Scan# 507

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

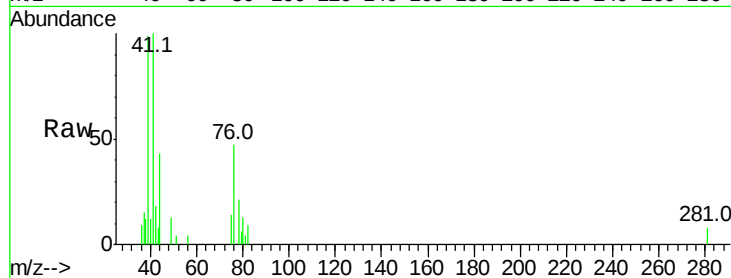
Tgt Ion: 41 Resp: 3303

Ion Ratio Lower Upper

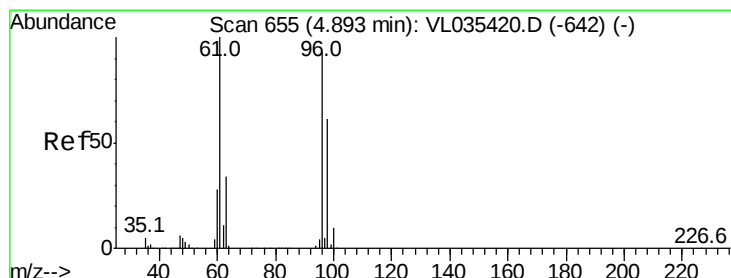
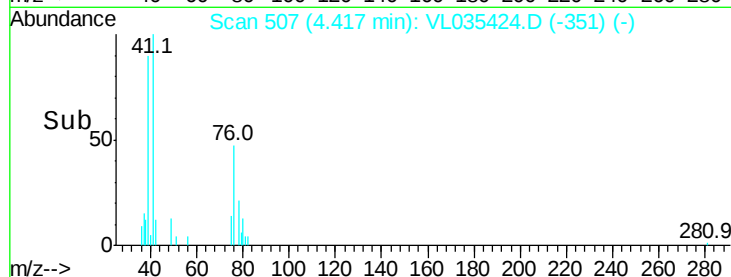
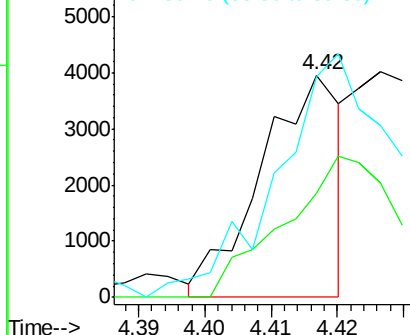
41 100

76 106.1 22.8 34.2#

39 197.9 66.2 99.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 0.225 ppbv

RT: 4.90 min Scan# 657

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

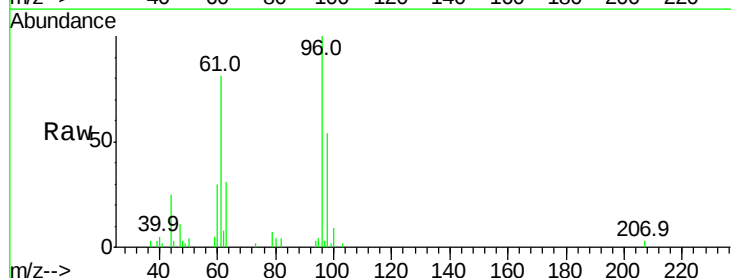
Tgt Ion: 96 Resp: 12039

Ion Ratio Lower Upper

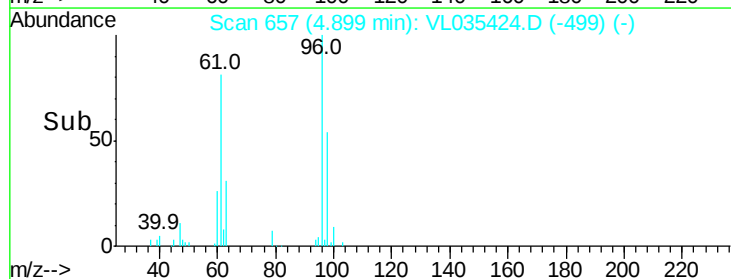
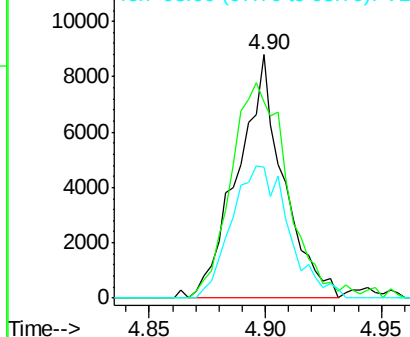
96 100

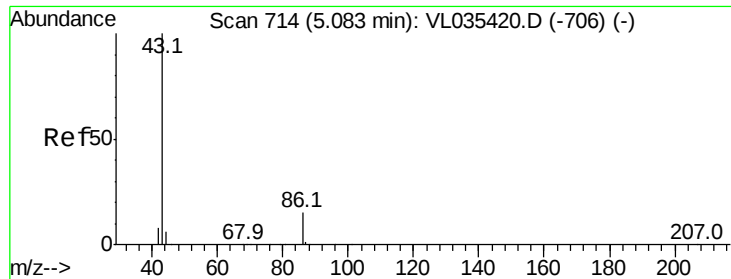
61 80.6 142.2 213.2#

98 53.7 51.8 77.8



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 0.099 ppbv

RT: 5.10 min Scan# 718

Delta R.T. 0.02 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

Tgt Ion: 43 Resp: 21956

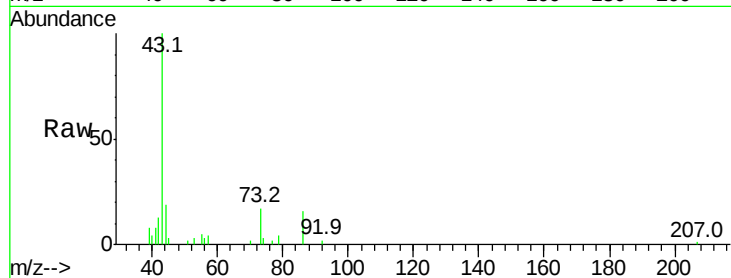
Ion Ratio Lower Upper

43 100

86 16.3 6.5 9.7#

42 13.1 8.3 12.5#

44 2.2 4.0 6.0#

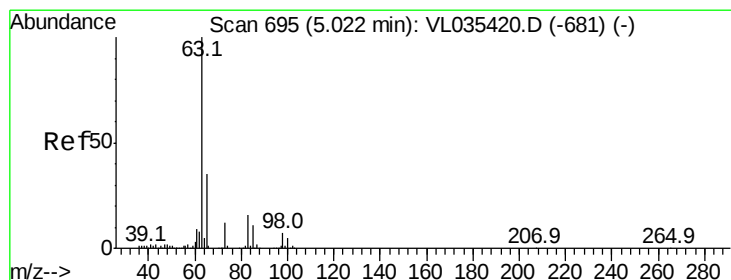
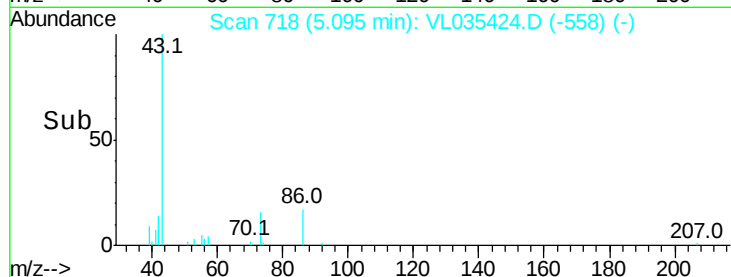
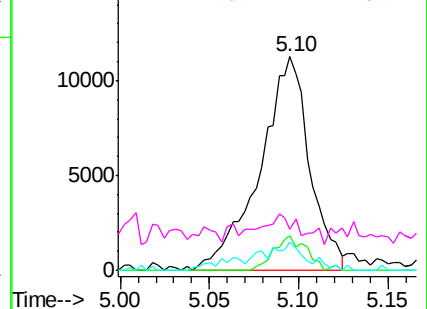


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.127 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

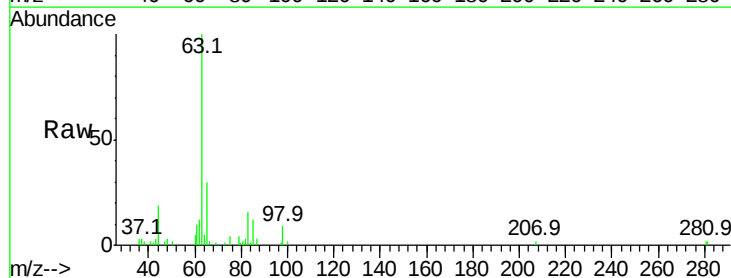
Tgt Ion: 63 Resp: 20119

Ion Ratio Lower Upper

63 100

98 8.8 2.1 6.5#

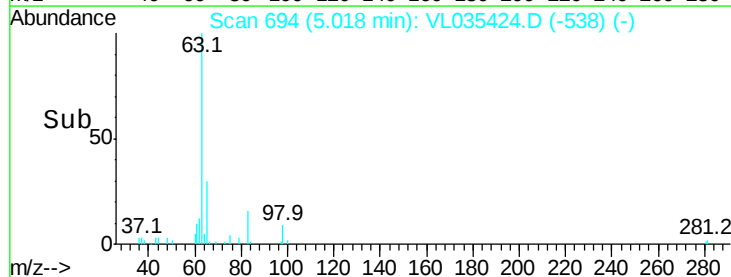
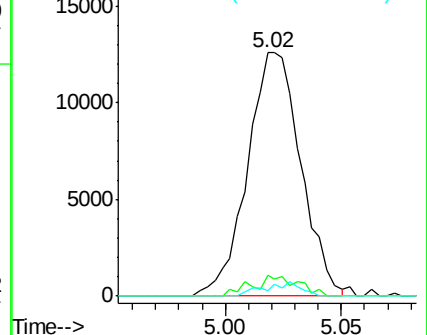
100 2.2 1.3 3.8

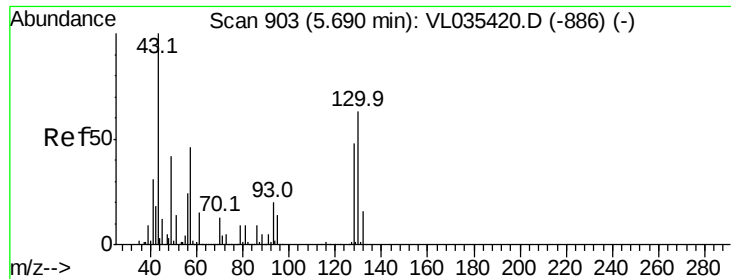


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

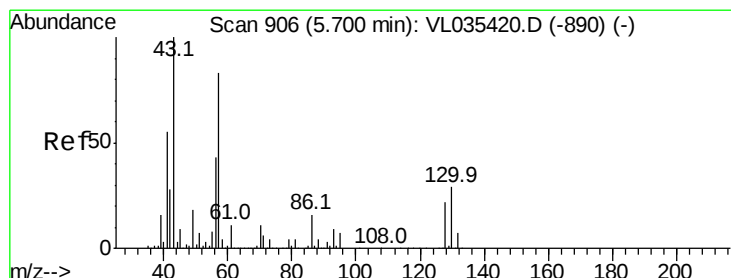
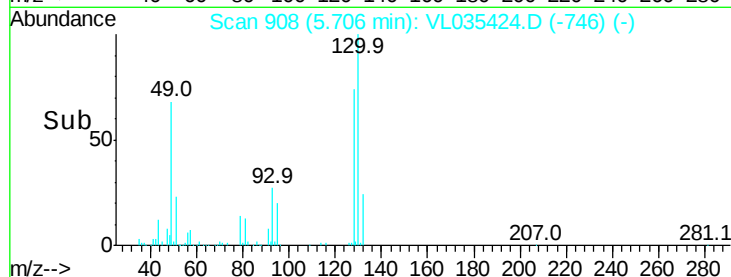
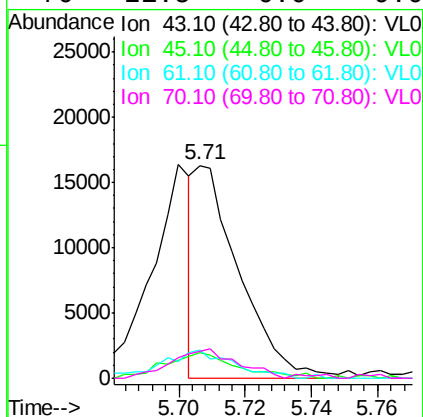
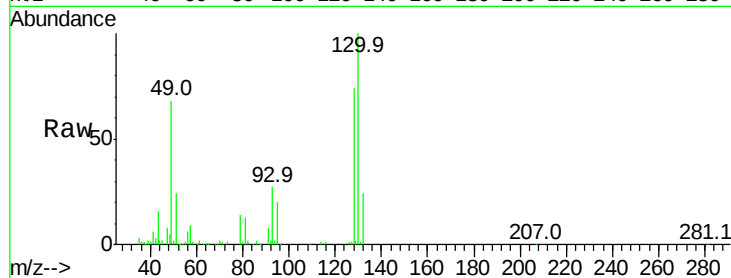




#25
Ethyl Acetate
Concen: 0.049 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.02 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

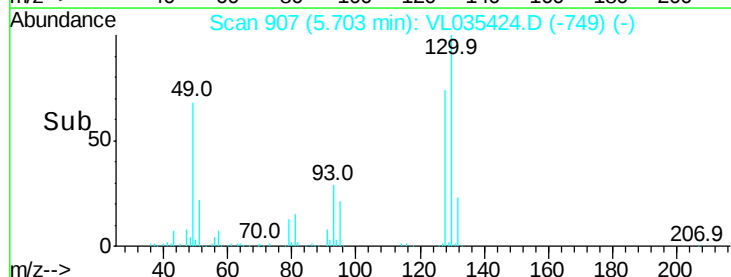
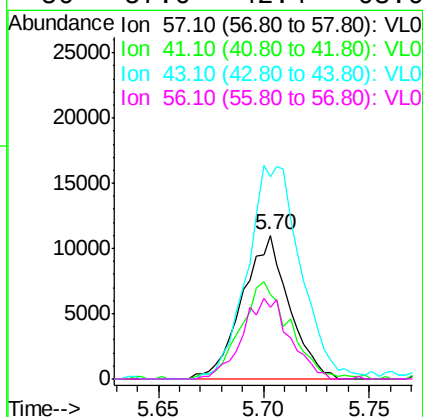
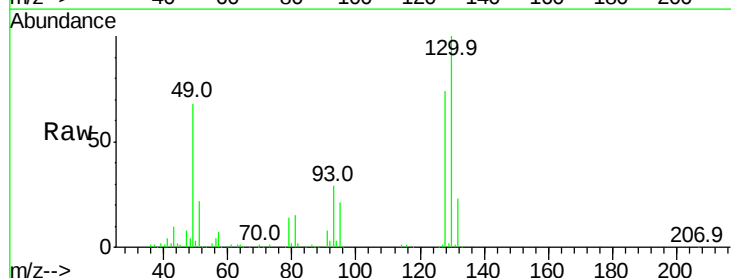
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

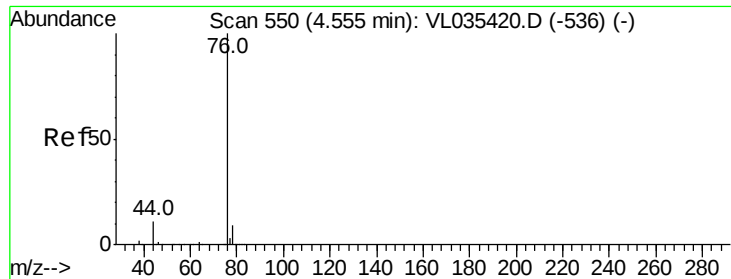
Tgt Ion:	43	Resp:	15000
Ion	Ratio	Lower	Upper
43	100		
45	21.3	8.3	12.5#
61	21.8	7.6	11.4#
70	21.5	6.0	9.0#



#26
Hexane
Concen: 0.128 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Tgt Ion:	57	Resp:	16918
Ion	Ratio	Lower	Upper
57	100		
41	72.7	75.5	113.3#
43	174.0	181.7	272.5#
56	57.6	42.4	63.6





#27

Carbon Disulfide

Concen: 0.143 ppbv

RT: 4.56 min Scan# 552

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

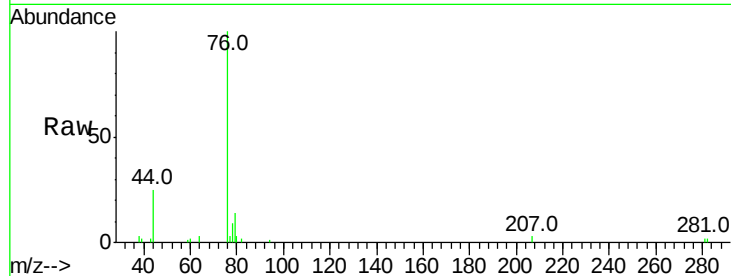
Tgt Ion: 76 Resp: 18336

Ion Ratio Lower Upper

76 100

44 20.4 16.8 25.2

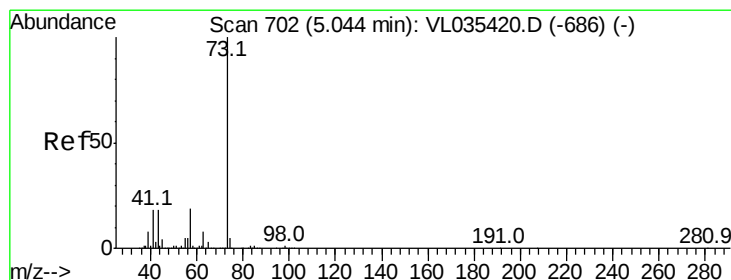
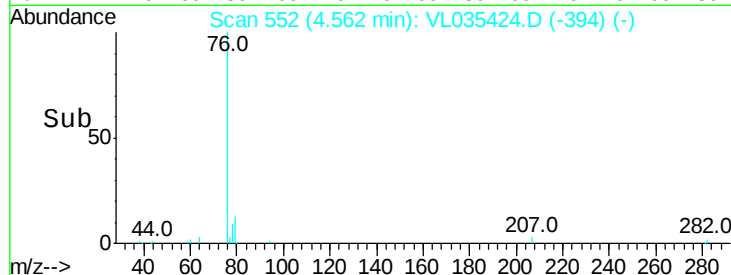
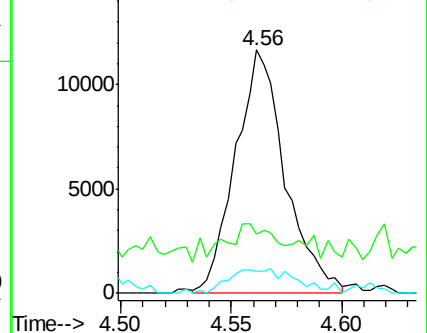
78 15.9 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 0.133 ppbv

RT: 5.07 min Scan# 711

Delta R.T. 0.04 min

Lab File: VL035424.D

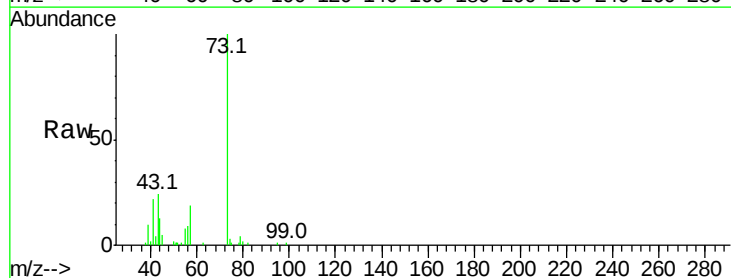
Acq: 17 Aug 2020 16:45

Tgt Ion: 73 Resp: 27069

Ion Ratio Lower Upper

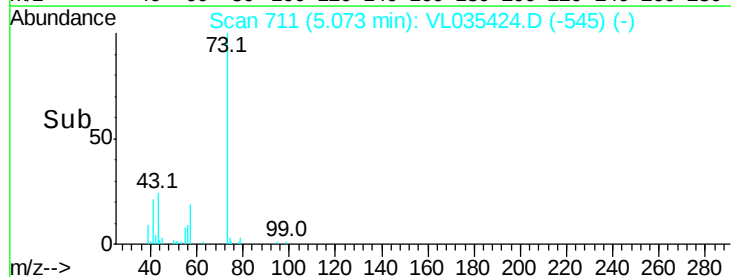
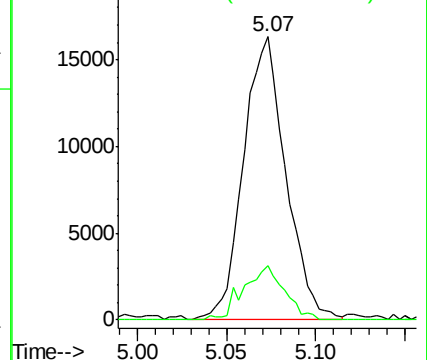
73 100

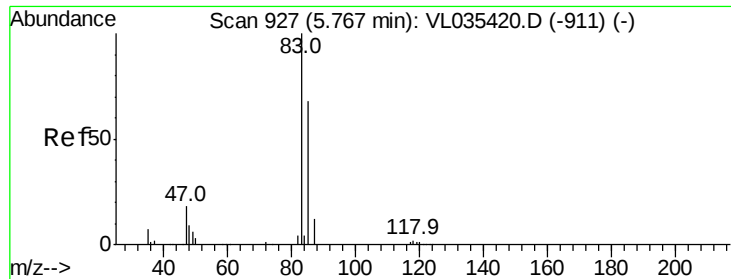
57 18.6 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

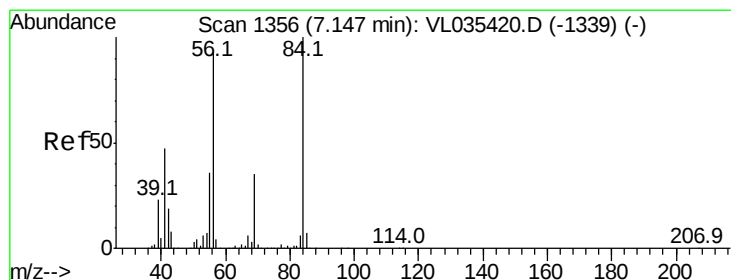
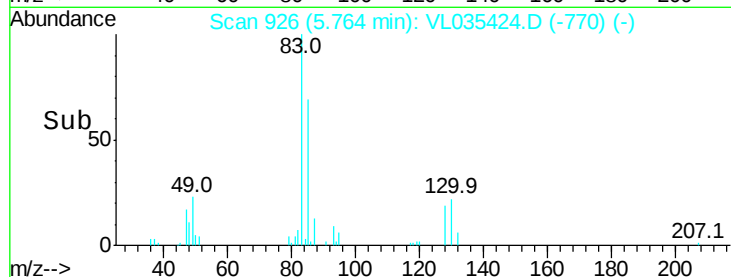
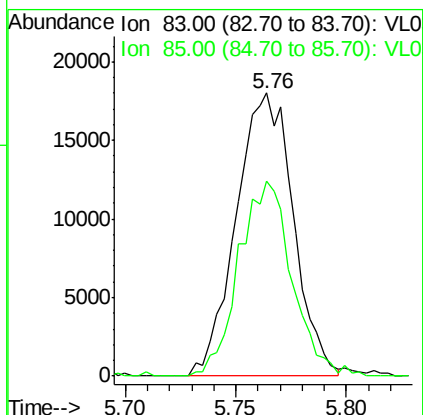
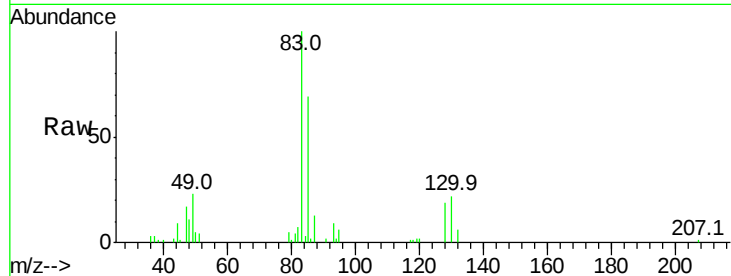




#29
Chloroform
Concen: 0.160 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.00 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

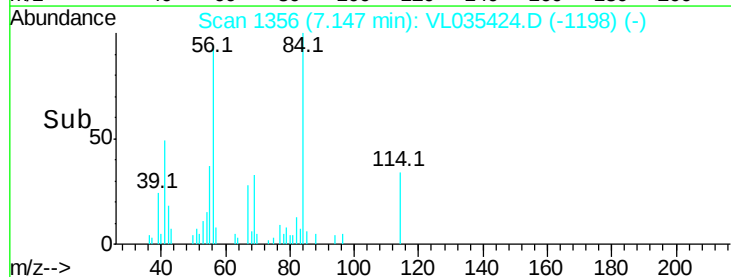
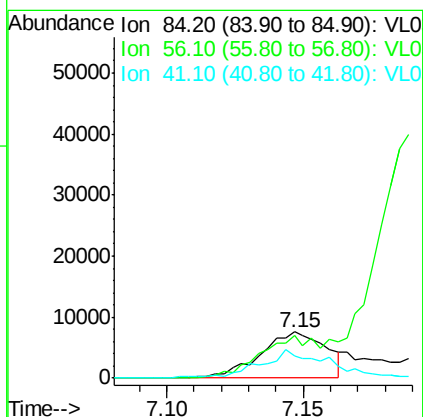
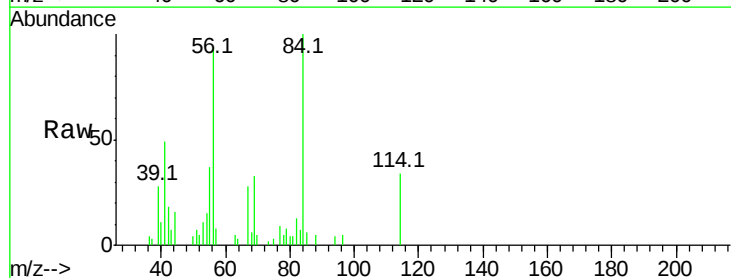
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

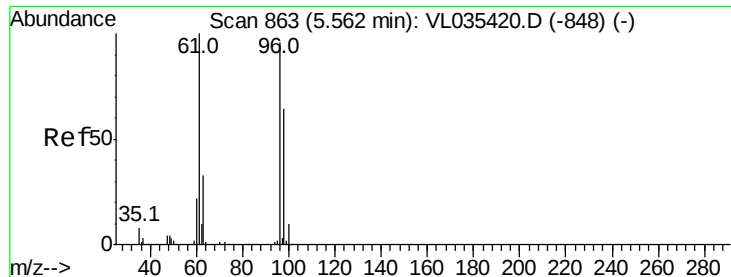
Tgt Ion: 83 Resp: 32341
Ion Ratio Lower Upper
83 100
85 68.9 52.7 79.1



#30
Cyclohexane
Concen: 0.120 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.01 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Tgt Ion: 84 Resp: 12618
Ion Ratio Lower Upper
84 100
56 0.0 114.9 172.3#
41 66.2 72.3 108.5#



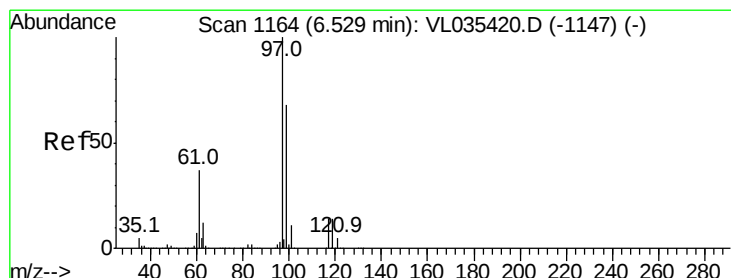
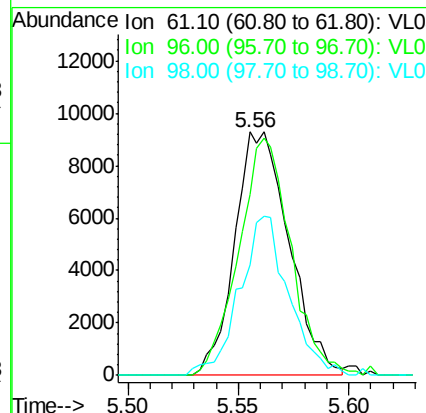
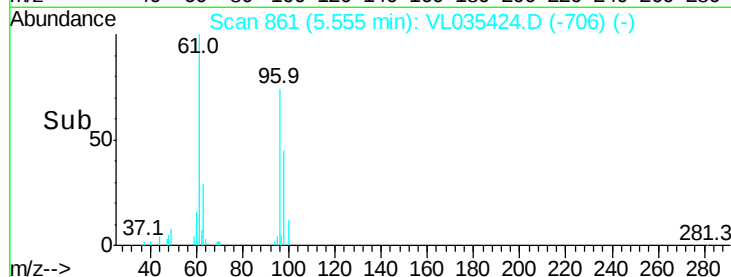
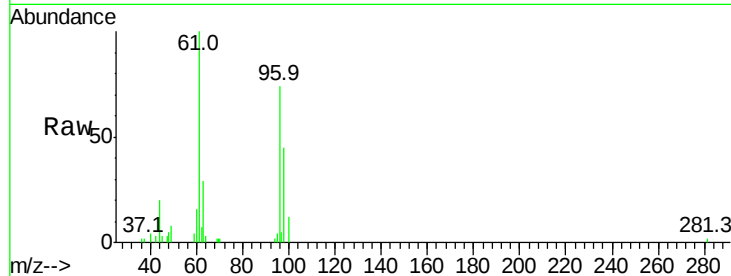


#31

cis-1,2-Dichloroethene
Concen: 0.118 ppbv
RT: 5.56 min Scan# 861
Delta R.T. -0.00 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

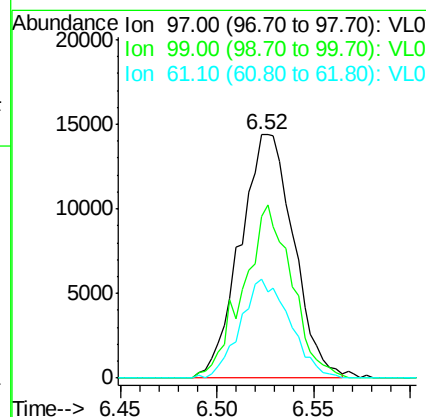
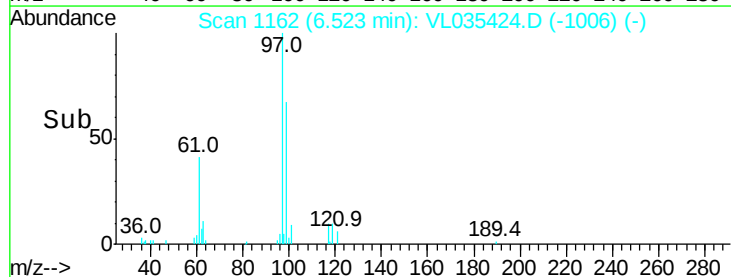
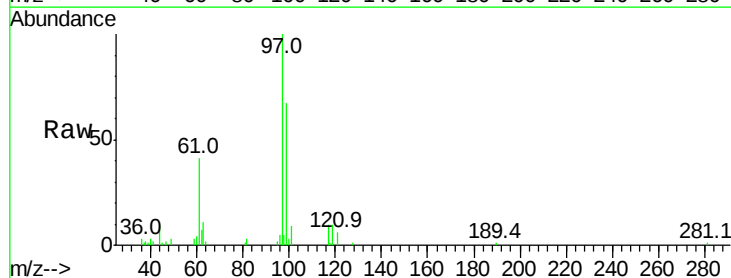
Tgt Ion: 61 Resp: 15907
Ion Ratio Lower Upper
61 100
96 74.4 51.4 77.0
98 43.5 32.9 49.3

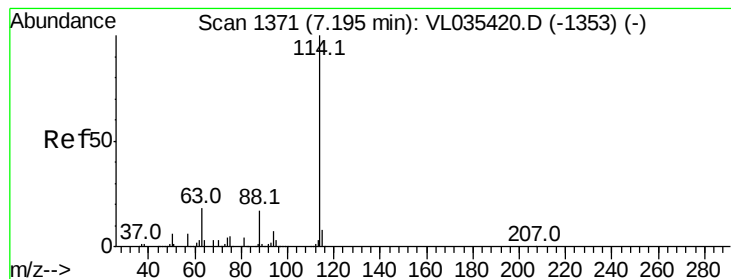


#32

1,1,1-Trichloroethane
Concen: 0.137 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Tgt Ion: 97 Resp: 27719
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 37.6 41.0 61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

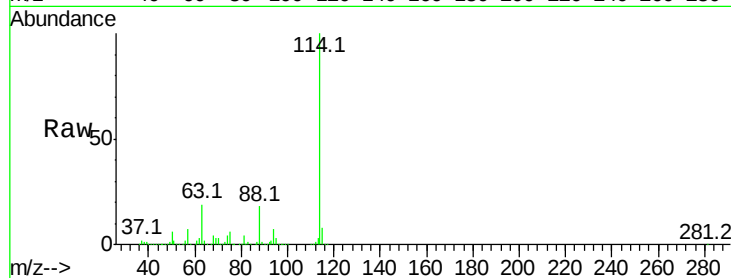
Tgt Ion:114 Resp: 5089860

Ion Ratio Lower Upper

114 100

63 17.3 23.1 34.7#

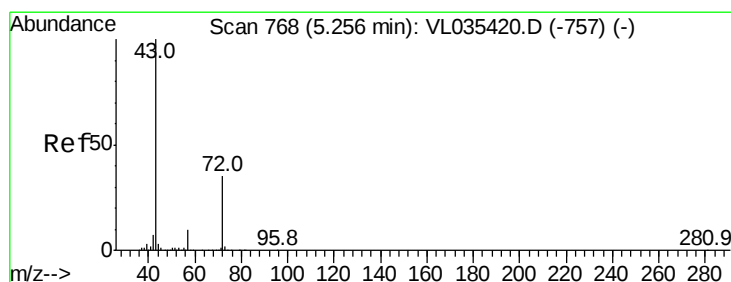
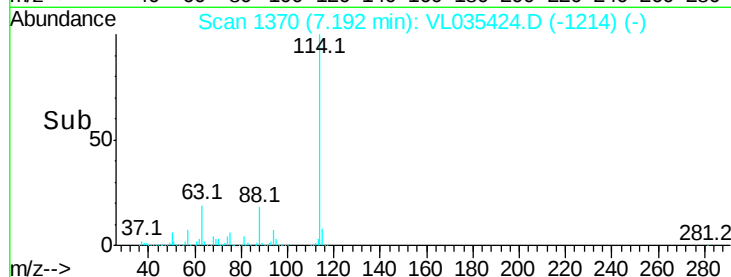
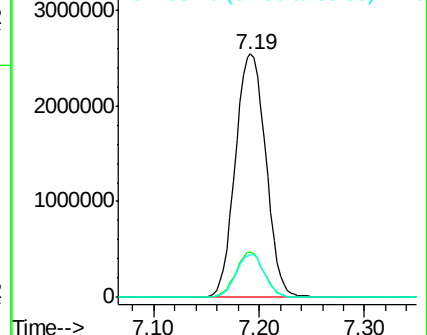
88 16.5 15.9 23.9



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.047 ppbv

RT: 5.28 min Scan# 776

Delta R.T. 0.03 min

Lab File: VL035424.D

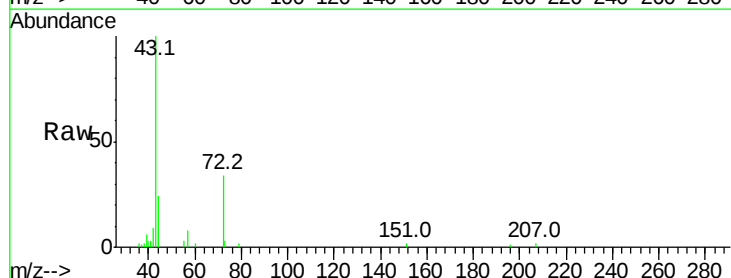
Acq: 17 Aug 2020 16:45

Tgt Ion: 43 Resp: 18465

Ion Ratio Lower Upper

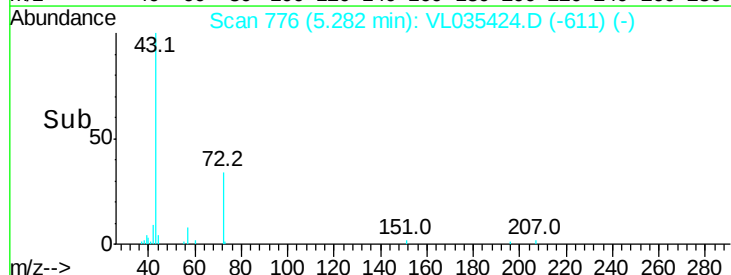
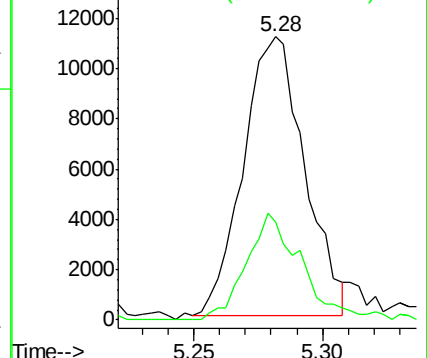
43 100

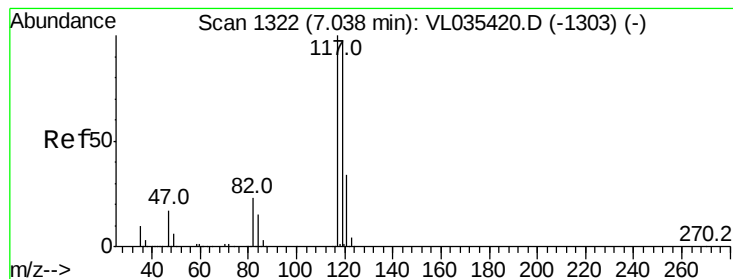
72 34.6 17.6 26.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.048 ppbv

RT: 7.03 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

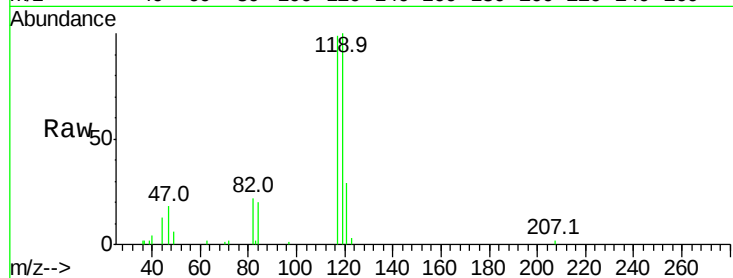
Tgt Ion:117 Resp: 17966

Ion Ratio Lower Upper

117 100

119 99.3 76.1 114.1

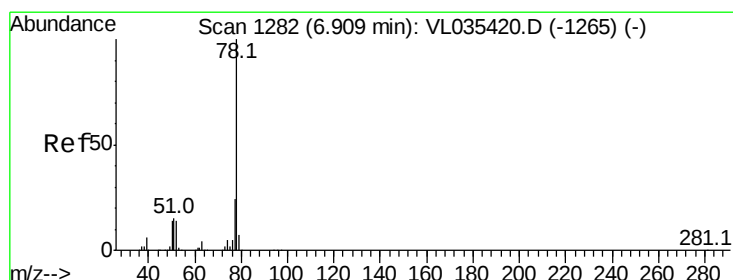
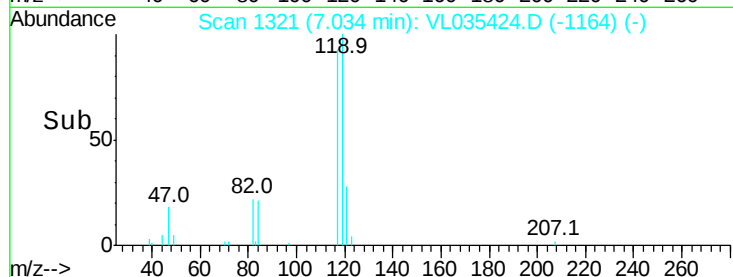
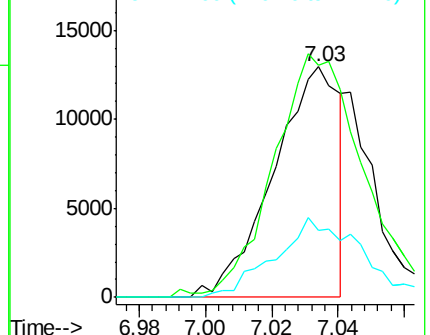
121 29.3 25.5 38.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.076 ppbv

RT: 6.91 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

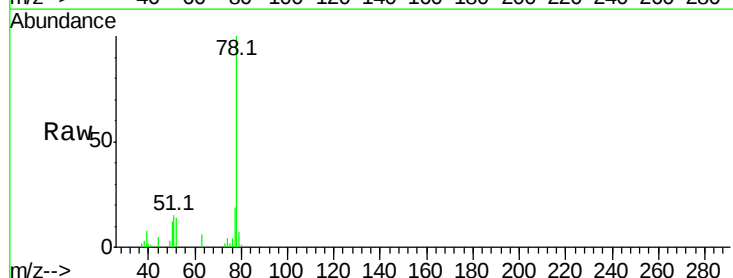
Tgt Ion: 78 Resp: 39002

Ion Ratio Lower Upper

78 100

77 19.4 19.6 29.4#

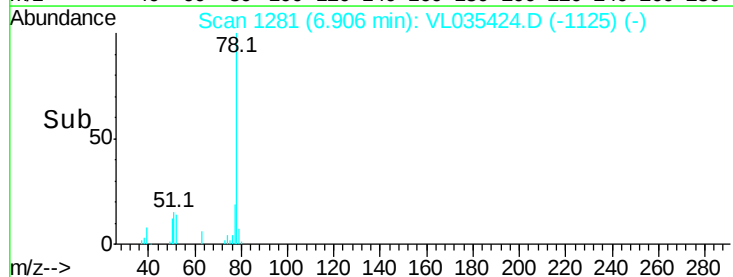
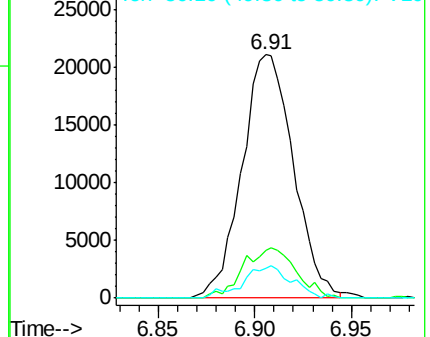
50 12.4 16.3 24.5#

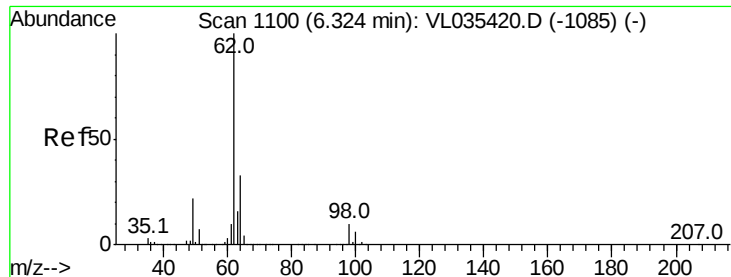


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

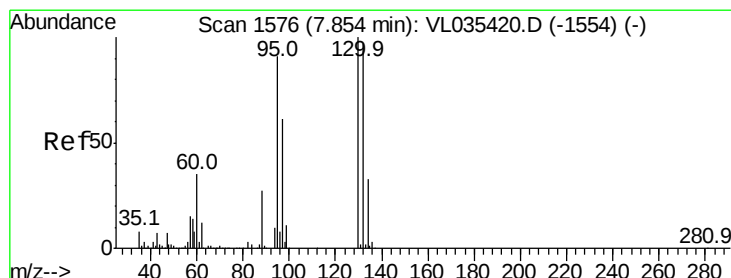
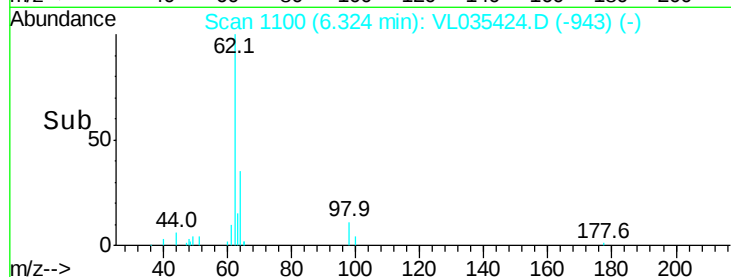
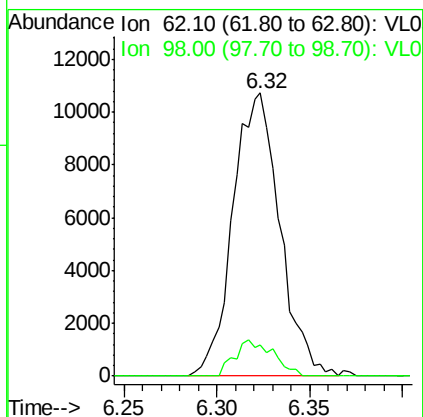
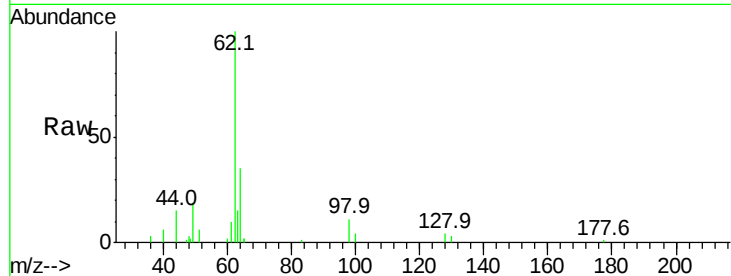




#37
 1,2-Dichloroethane
 Concen: 0.059 ppbv
 RT: 6.32 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

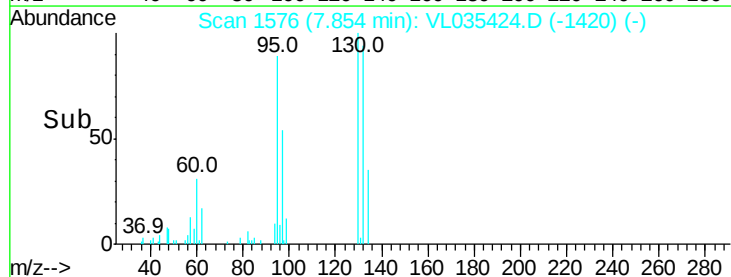
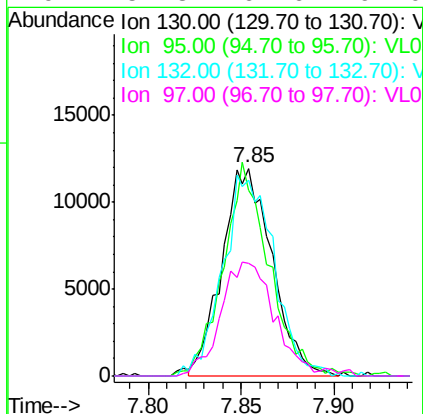
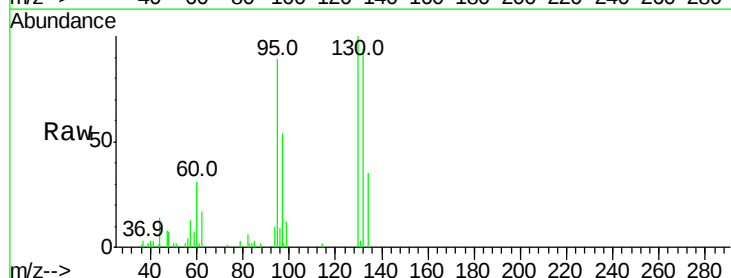
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

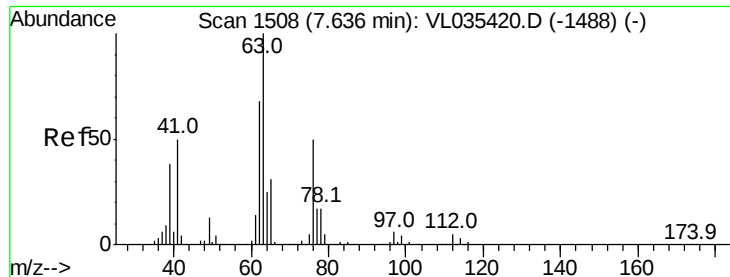
Tgt Ion: 62 Resp: 18870
 Ion Ratio Lower Upper
 62 100
 98 10.5 4.6 7.0#



#38
 Trichloroethene
 Concen: 0.112 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

Tgt Ion: 130 Resp: 22445
 Ion Ratio Lower Upper
 130 100
 95 87.4 95.8 143.8#
 132 92.6 74.3 111.5
 97 52.8 62.6 94.0#





#39

1,2-Dichloropropane

Concen: 0.065 ppbv

RT: 7.63 min Scan# 1506

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

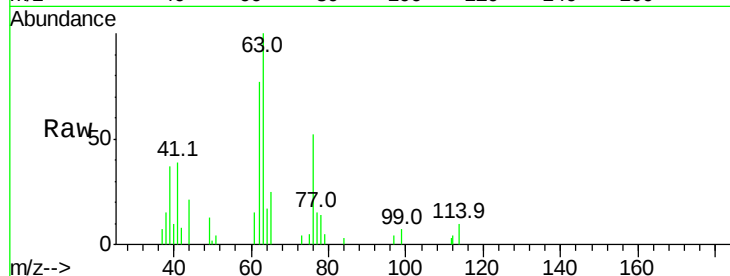
Tgt Ion: 63 Resp: 13461

Ion Ratio Lower Upper

63 100

41 38.7 61.1 91.7#

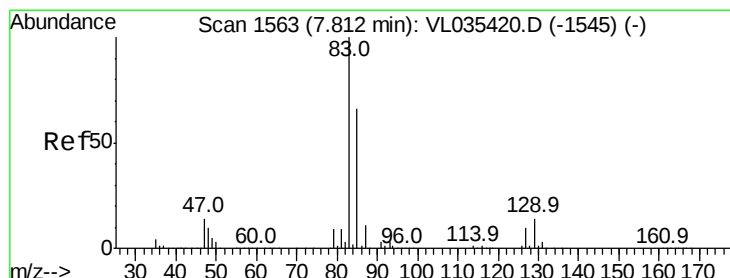
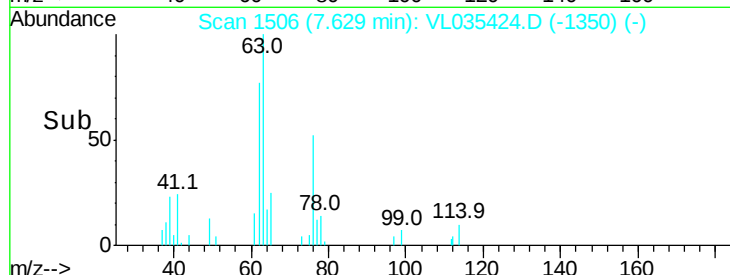
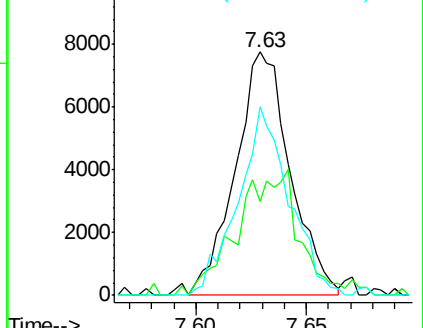
62 77.2 55.3 82.9



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#42

Bromodichloromethane

Concen: 0.064 ppbv

RT: 7.81 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

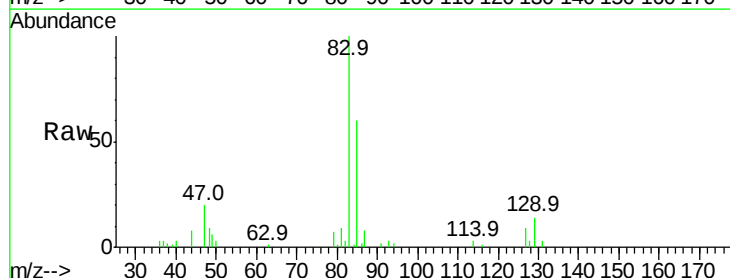
Tgt Ion: 83 Resp: 25978

Ion Ratio Lower Upper

83 100

85 57.8 54.8 82.2

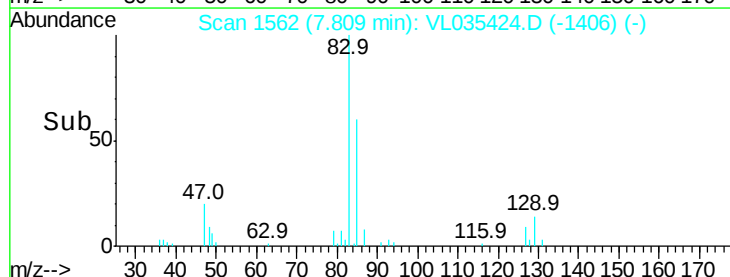
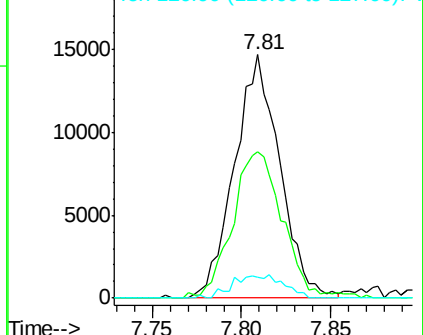
127 8.6 6.1 9.1

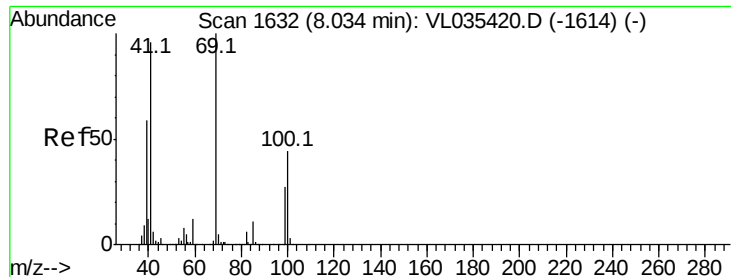


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

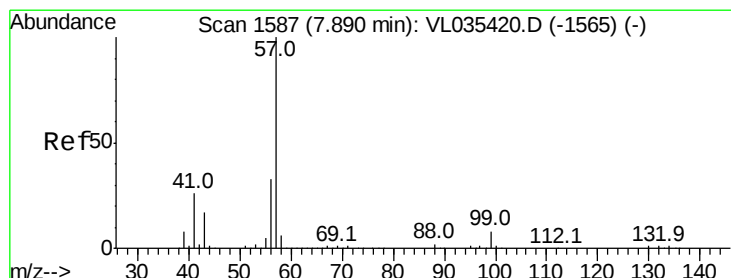
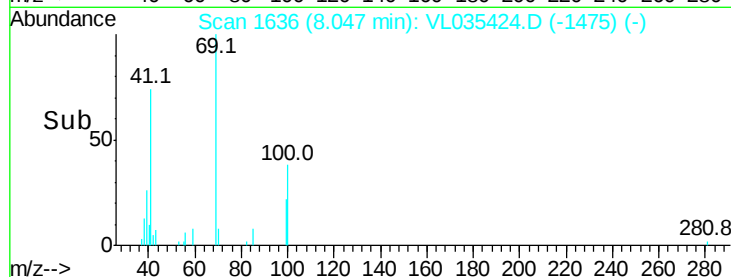
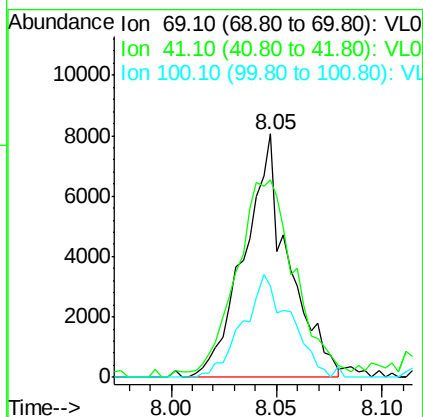
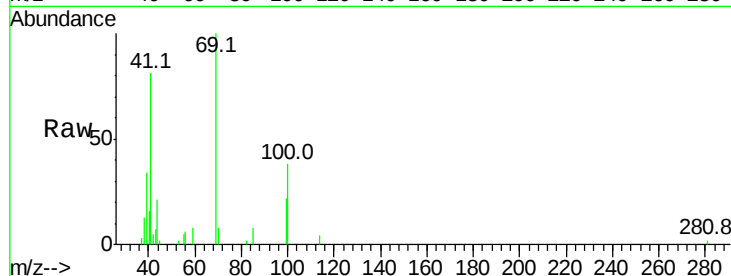




#43
Methyl Methacrylate
Concen: 0.053 ppbv
RT: 8.05 min Scan# 1636
Delta R.T. 0.02 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

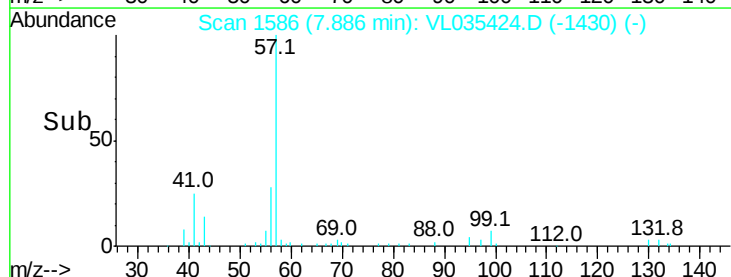
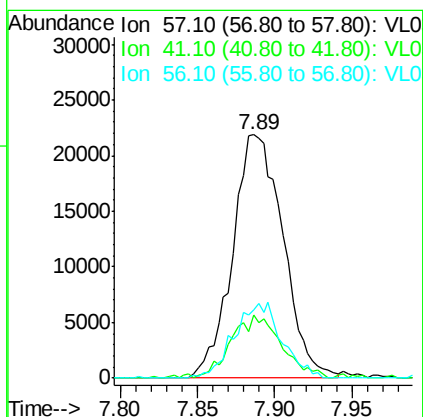
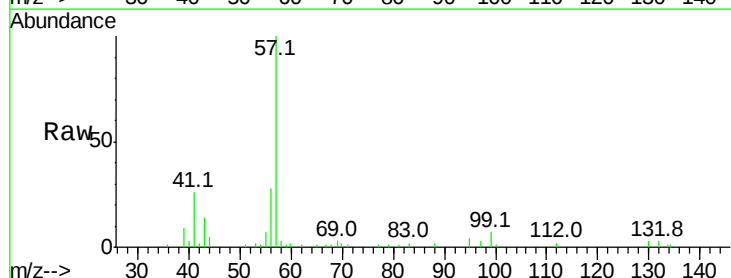
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

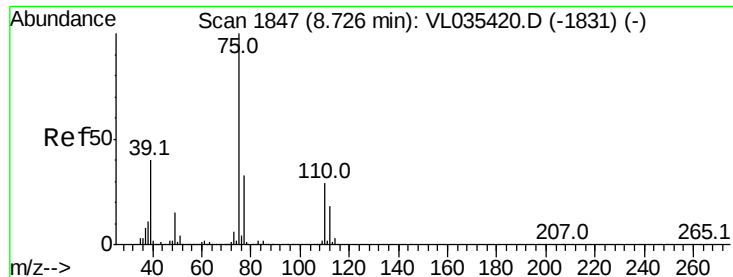
Tgt Ion: 69 Resp: 11826
Ion Ratio Lower Upper
69 100
41 108.9 123.4 185.0#
100 45.2 24.2 36.4#



#44
2,2,4-Trimethylpentane
Concen: 0.055 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Tgt Ion: 57 Resp: 49684
Ion Ratio Lower Upper
57 100
41 26.4 27.2 40.8#
56 29.2 25.4 38.0





#46

cis-1,3-Dichloropropene

Concen: 0.048 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

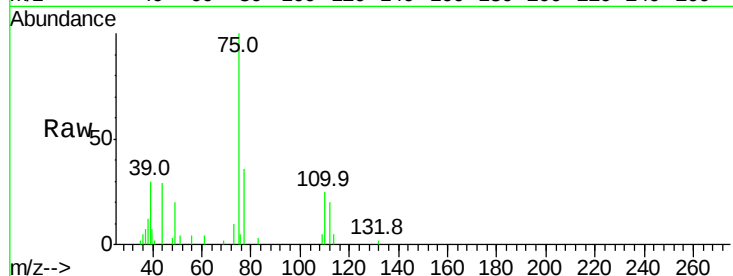
Tgt Ion: 75 Resp: 13854

Ion Ratio Lower Upper

75 100

39 27.1 55.8 83.6#

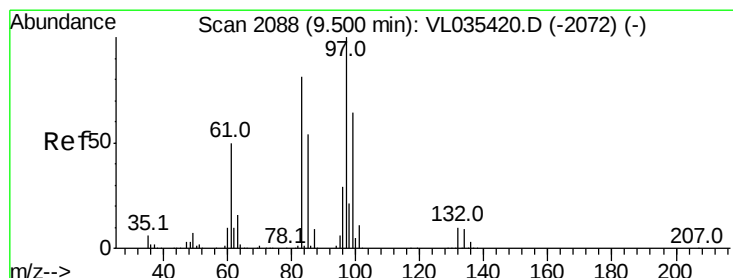
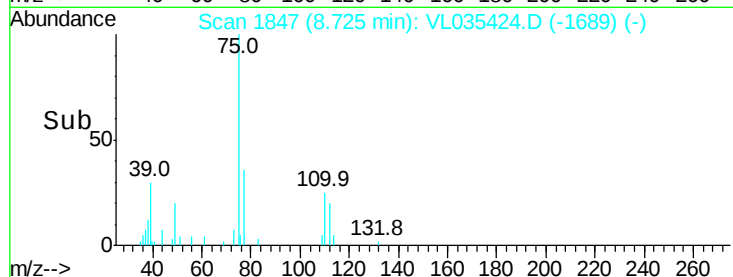
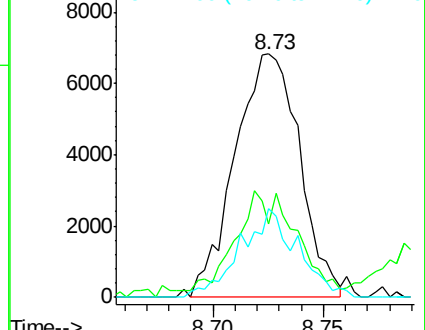
77 34.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



#47

1,1,2-Trichloroethane

Concen: 0.094 ppbv

RT: 9.49 min Scan# 2086

Delta R.T. -0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Tgt Ion: 97 Resp: 19744

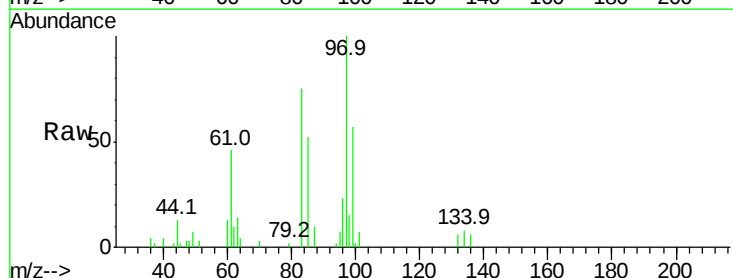
Ion Ratio Lower Upper

97 100

83 75.3 72.1 108.1

85 51.9 46.8 70.2

99 56.5 48.6 73.0

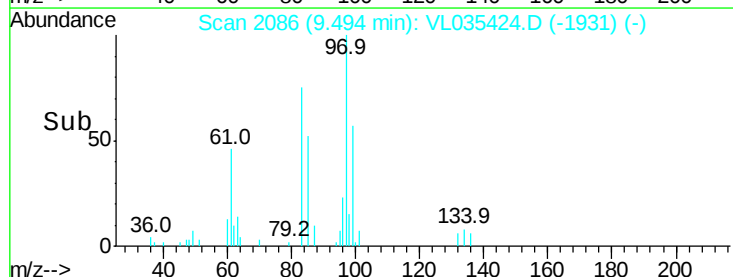
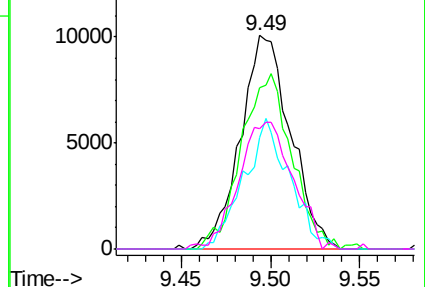


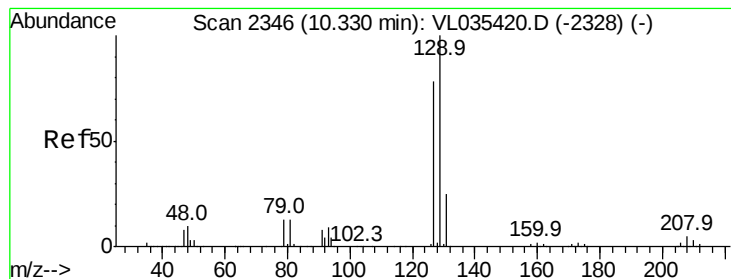
Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0





#48

Dibromochloromethane

Concen: 0.077 ppbv

RT: 10.32 min Scan# 2344

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

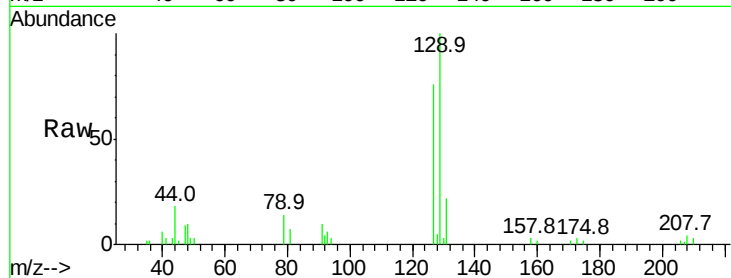
VSTDIC0.1

Tgt Ion:129 Resp: 23505

Ion Ratio Lower Upper

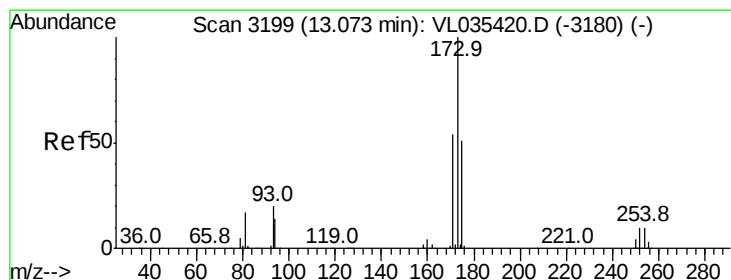
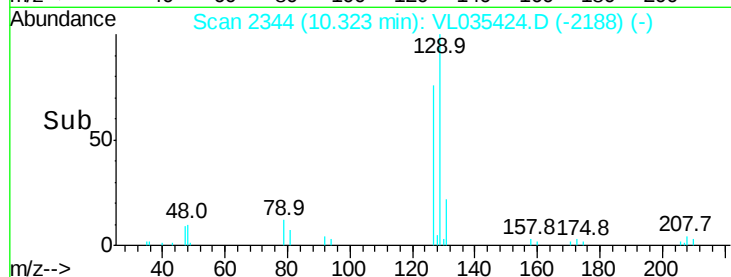
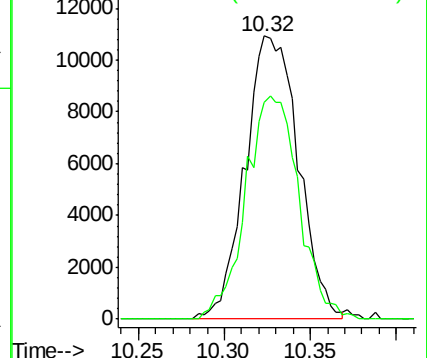
129 100

127 78.6 39.5 118.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#49

Bromoform

Concen: 0.058 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. 0.00 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

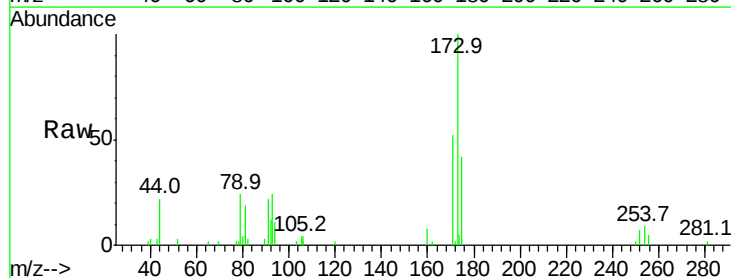
Tgt Ion:173 Resp: 13977

Ion Ratio Lower Upper

173 100

175 68.7 39.8 59.8#

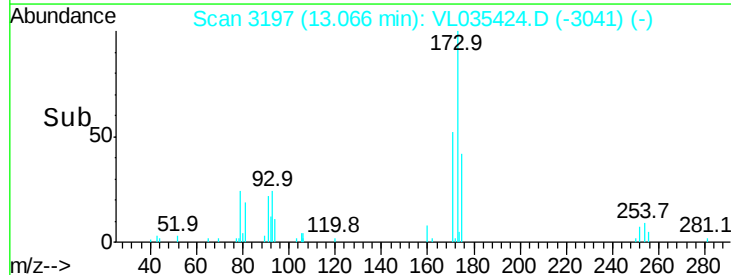
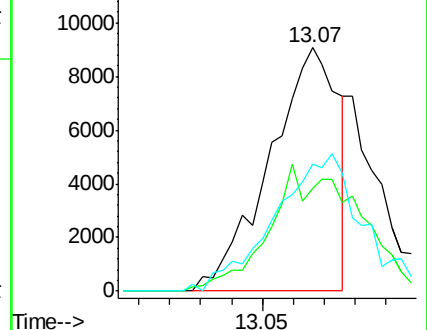
171 74.3 42.4 63.6#

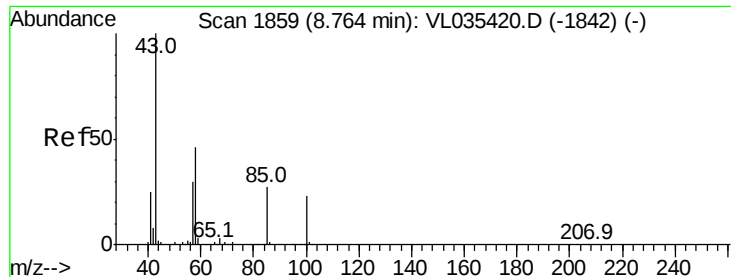


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V

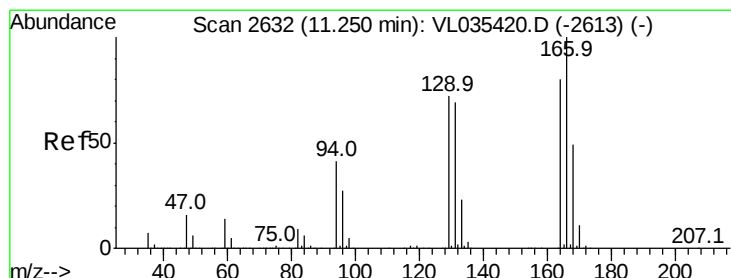
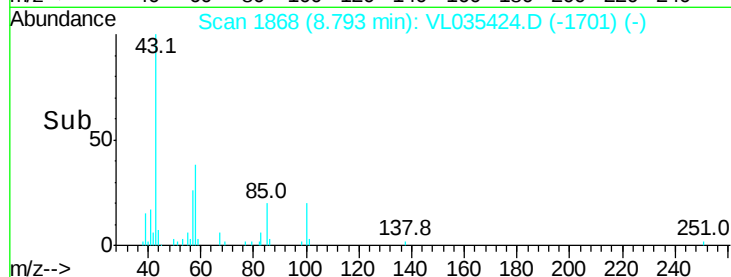
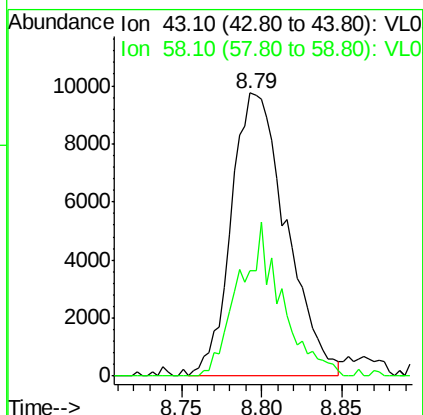
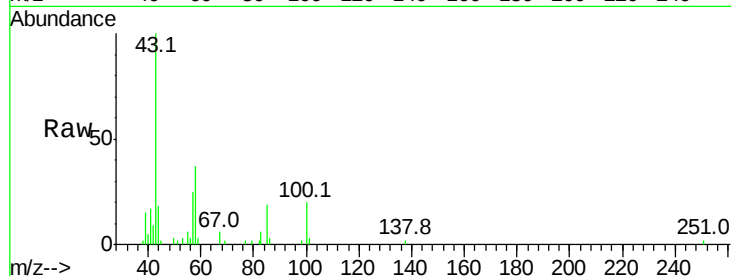




#50
4-Methyl-2-Pentanone
Concen: 0.041 ppbv
RT: 8.79 min Scan# 1868
Delta R.T. 0.04 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

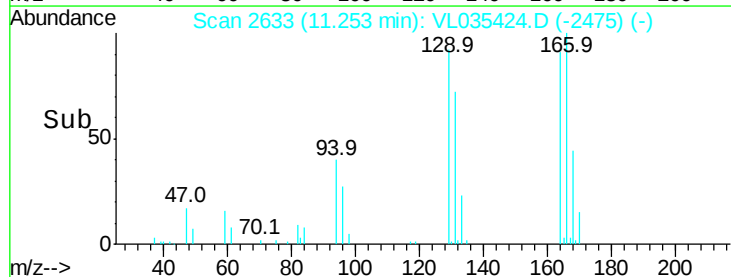
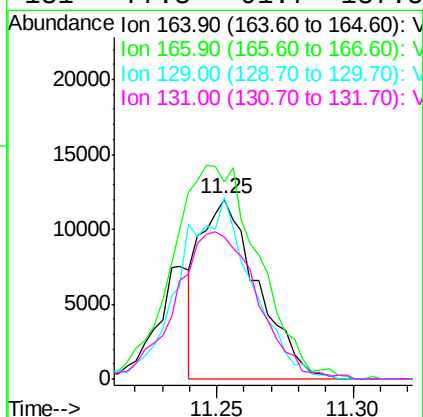
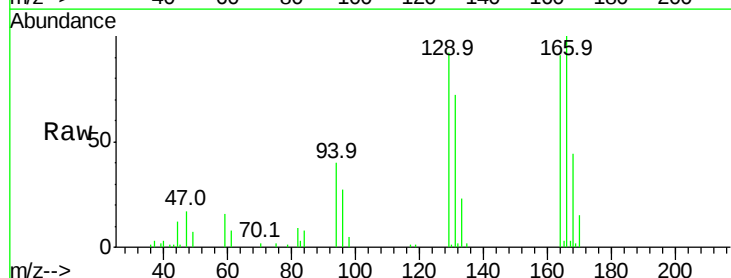
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

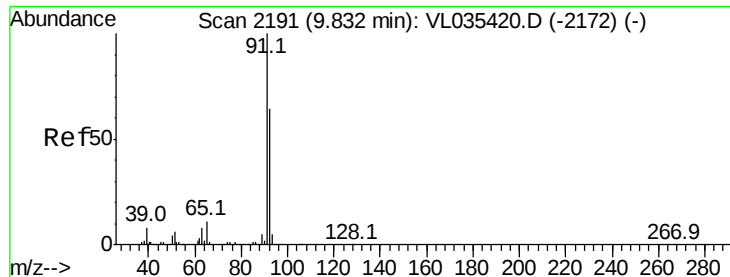
Tgt Ion: 43 Resp: 23013
Ion Ratio Lower Upper
43 100
58 42.5 28.7 43.1



#52
Tetrachloroethene
Concen: 0.095 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.01 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Tgt Ion: 164 Resp: 17531
Ion Ratio Lower Upper
164 100
166 107.6 103.4 155.0
129 101.4 90.2 135.4
131 77.3 91.7 137.5#





#53

Toluene

Concen: 0.078 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

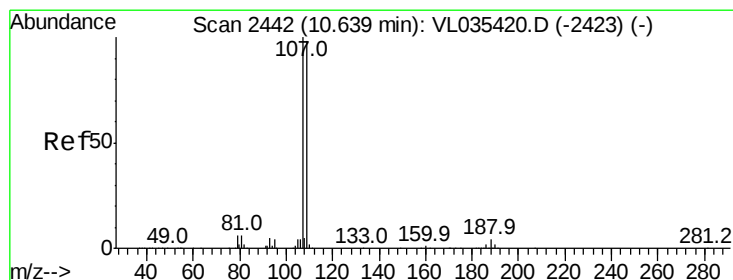
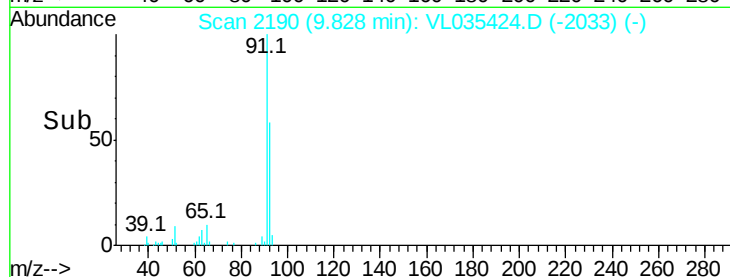
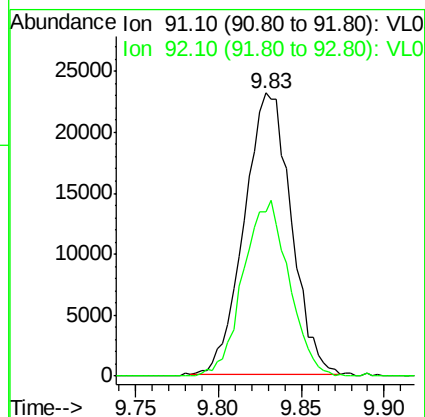
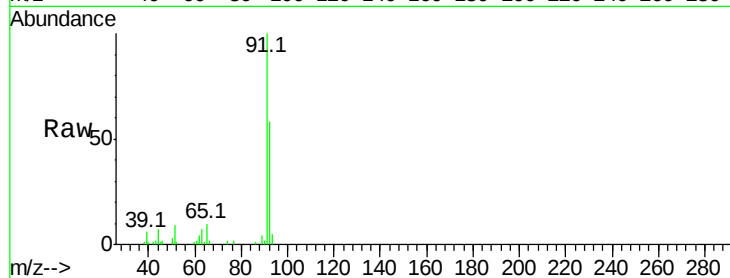
VSTDIC0.1

Tgt Ion: 91 Resp: 45598

Ion Ratio Lower Upper

91 100

92 60.7 49.1 73.7



#54

1,2-Dibromoethane

Concen: 0.093 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.00 min

Lab File: VL035424.D

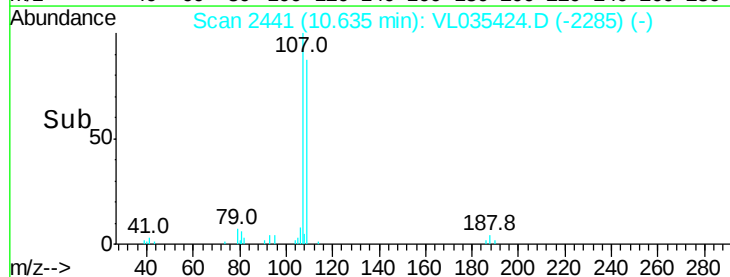
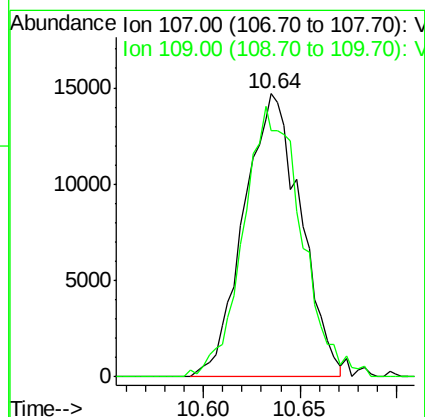
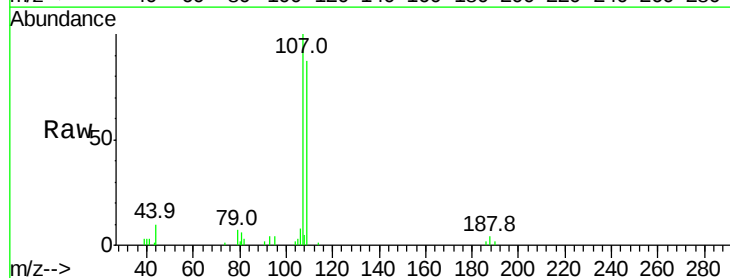
Acq: 17 Aug 2020 16:45

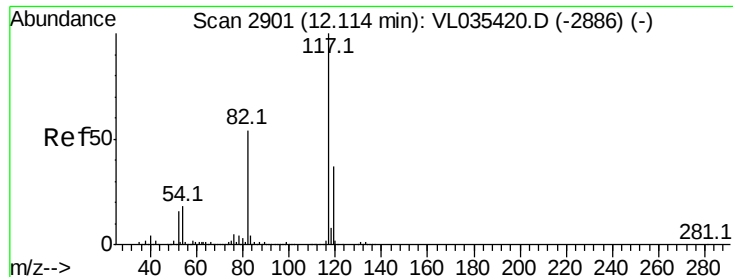
Tgt Ion: 107 Resp: 29959

Ion Ratio Lower Upper

107 100

109 84.7 75.1 112.7

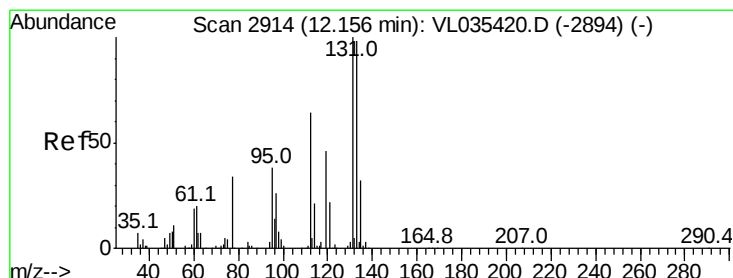
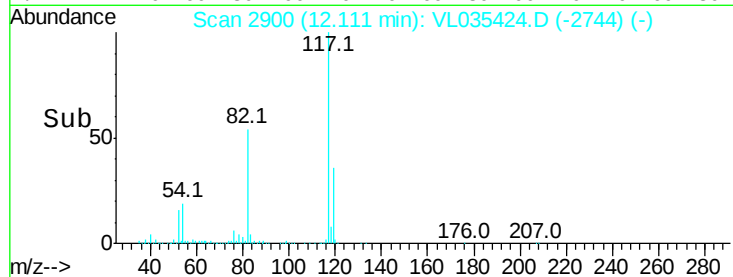
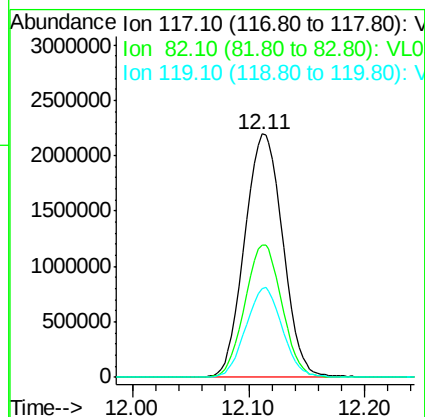
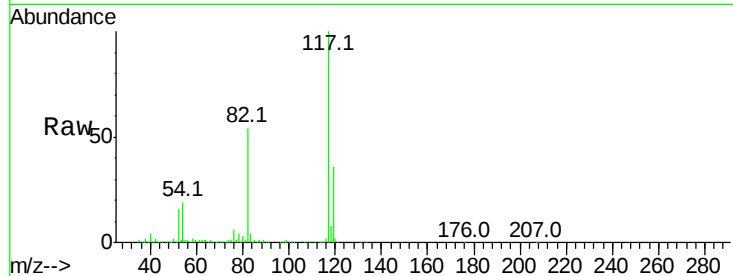




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

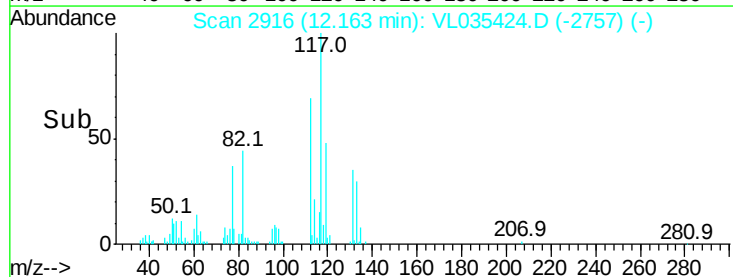
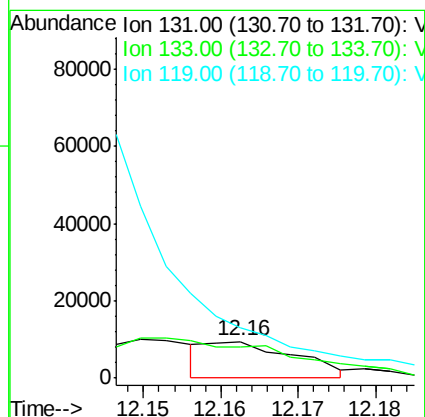
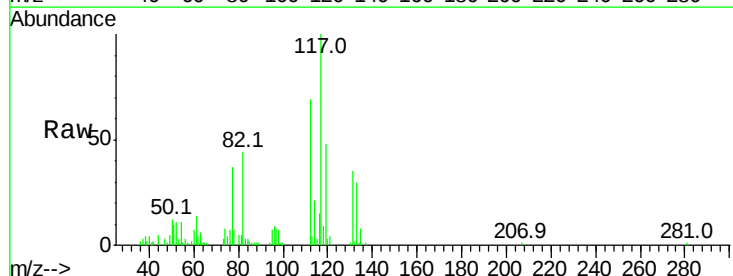
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

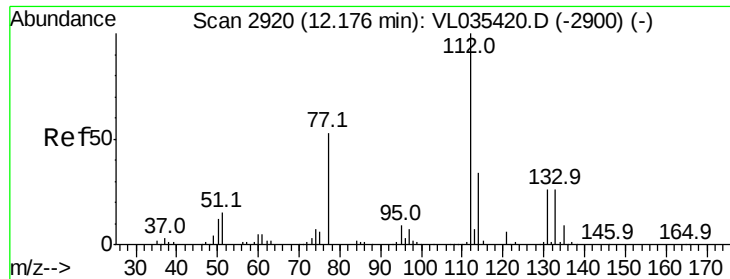
Tgt Ion:117 Resp: 5045874
Ion Ratio Lower Upper
117 100
82 53.1 57.4 86.0#
119 35.4 28.4 42.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.030 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. 0.01 min
Lab File: VL035424.D
Acq: 17 Aug 2020 16:45

Tgt Ion:131 Resp: 7524
Ion Ratio Lower Upper
131 100
133 0.0 76.1 114.1#
119 0.0 50.7 76.1#





#57

Chlorobenzene

Concen: 0.055 ppbv

RT: 12.18 min Scan# 2920

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

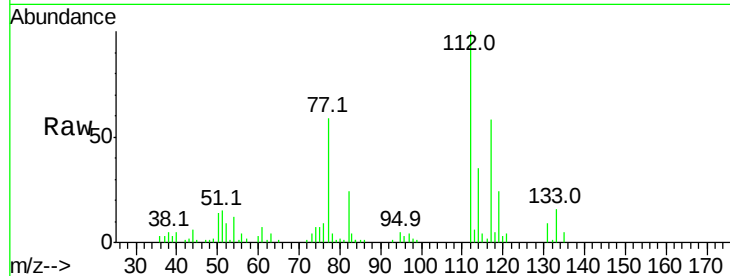
Tgt Ion: 112 Resp: 25150

Ion Ratio Lower Upper

112 100

77 58.7 60.6 91.0#

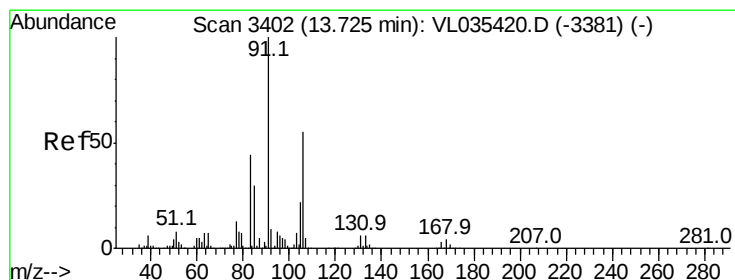
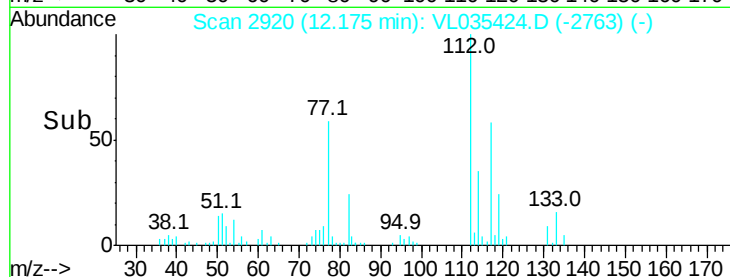
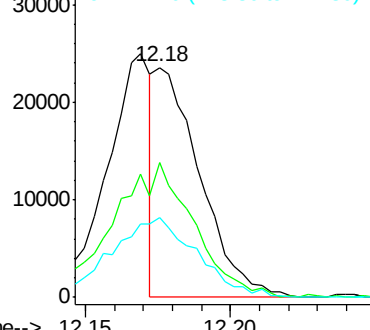
114 34.7 28.5 34.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#60

o-Xylene

Concen: 0.069 ppbv

RT: 13.72 min Scan# 3401

Delta R.T. 0.01 min

Lab File: VL035424.D

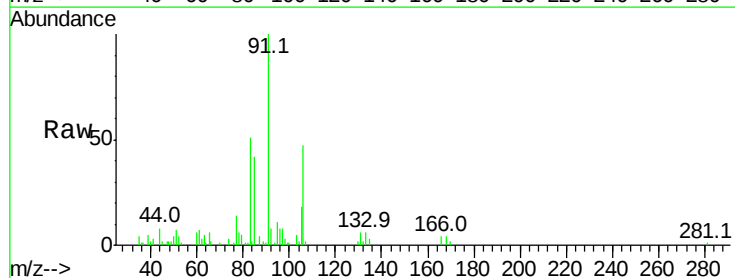
Acq: 17 Aug 2020 16:45

Tgt Ion: 91 Resp: 47108

Ion Ratio Lower Upper

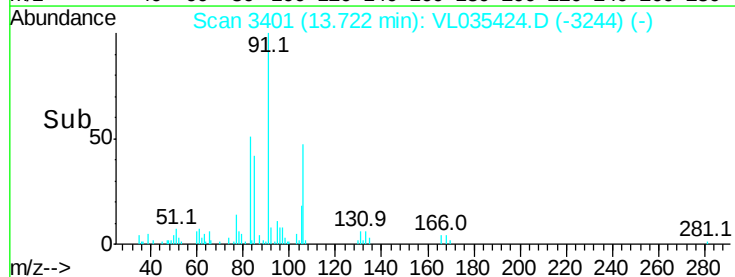
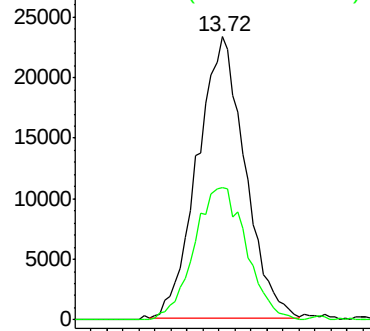
91 100

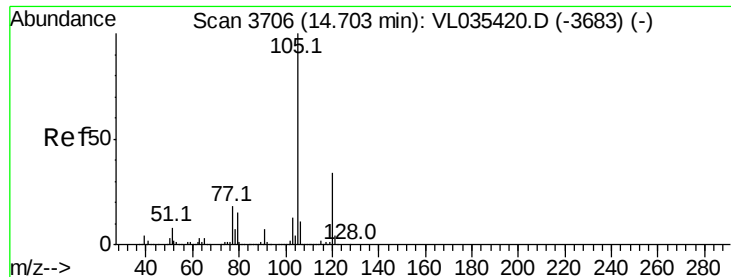
106 52.1 21.8 65.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#62

Isopropylbenzene

Concen: 0.085 ppbv

RT: 14.70 min Scan# 3706

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

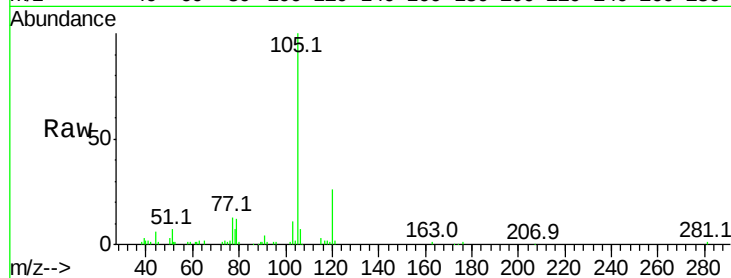
VSTDIC0.1

Tgt Ion: 105 Resp: 85810

Ion Ratio Lower Upper

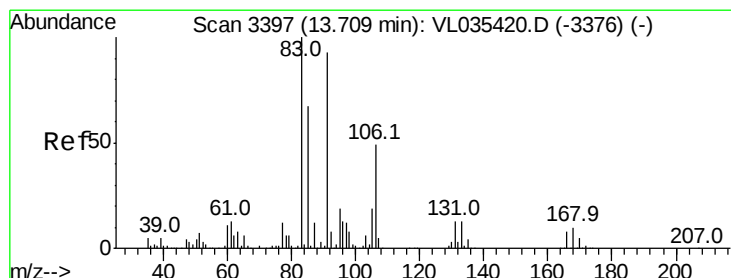
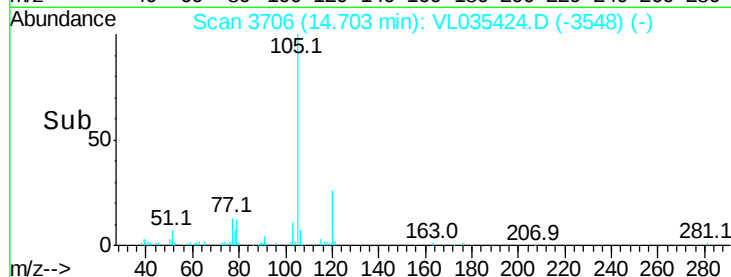
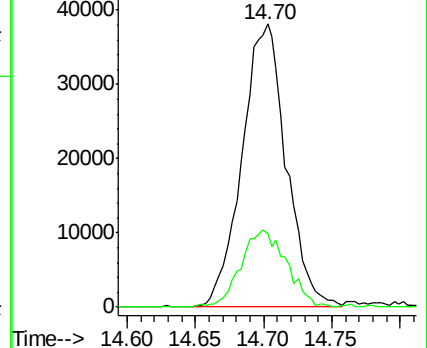
105 100

120 28.5 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#63

1,1,2,2-Tetrachloroethane

Concen: 0.041 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

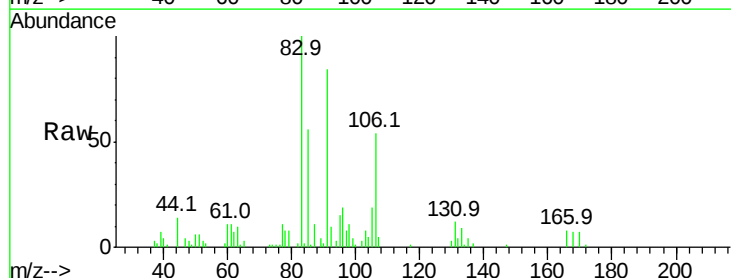
Tgt Ion: 83 Resp: 21923

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.4#

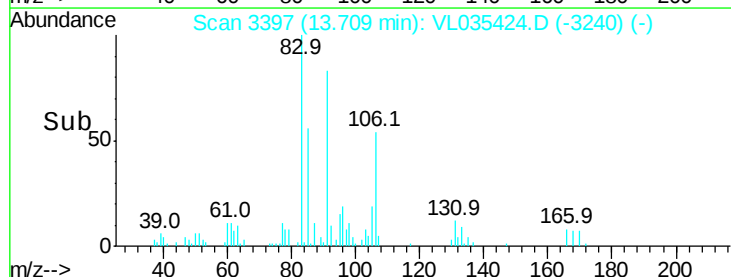
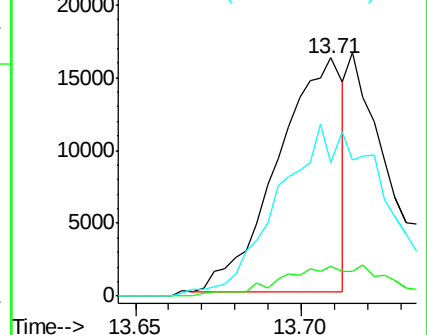
85 126.5 32.7 98.1#

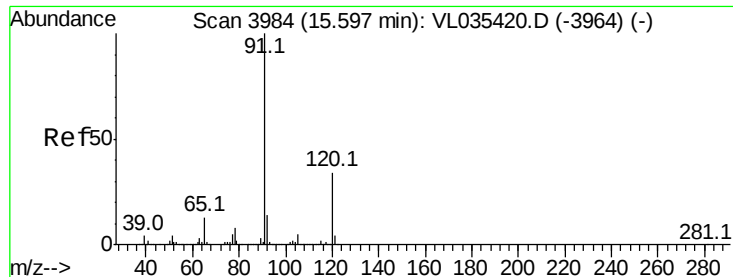


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.051 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

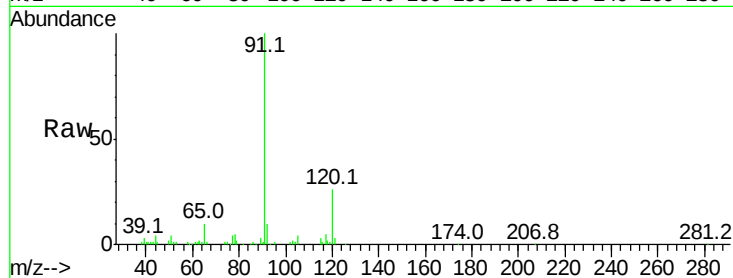
VSTDIC0.1

Tgt Ion:120 Resp: 13000

Ion Ratio Lower Upper

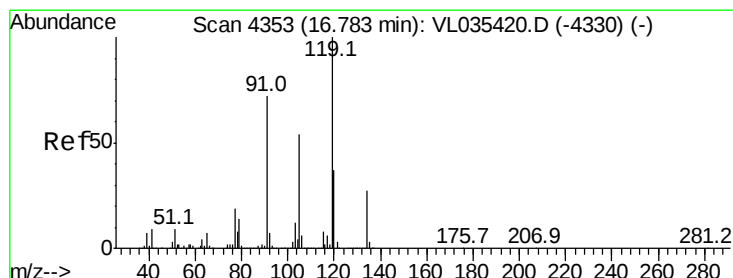
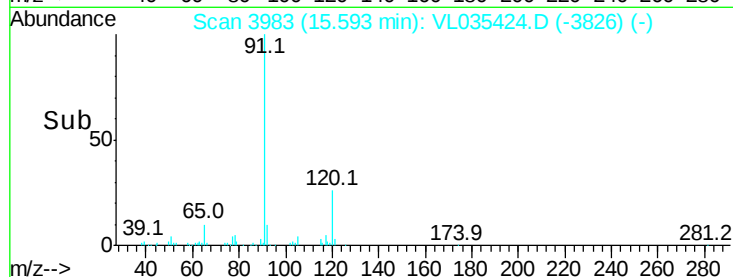
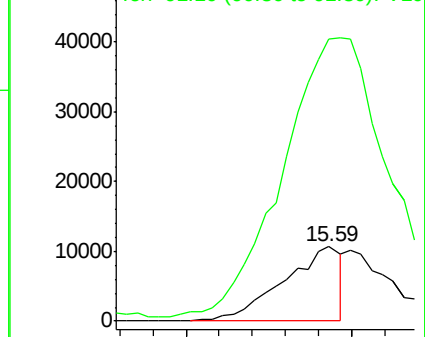
120 100

91 462.5 385.5 578.3



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.051 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

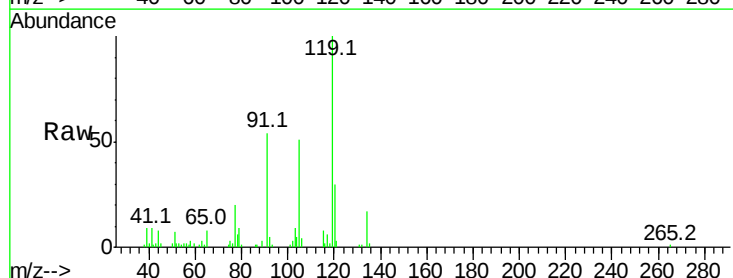
Tgt Ion:119 Resp: 44209

Ion Ratio Lower Upper

119 100

91 105.5 72.0 108.0

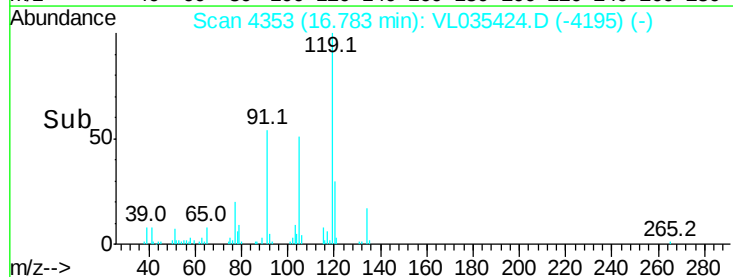
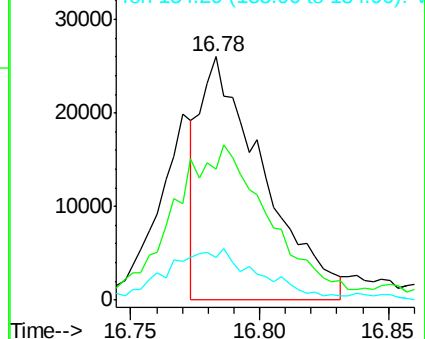
134 33.4 15.7 23.5#

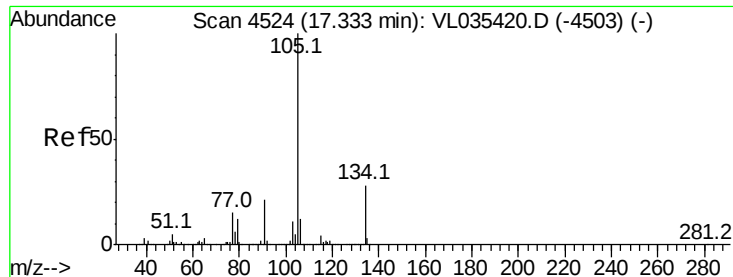


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V





#67

sec-Butylbenzene

Concen: 0.069 ppbv

RT: 17.34 min Scan# 4525

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

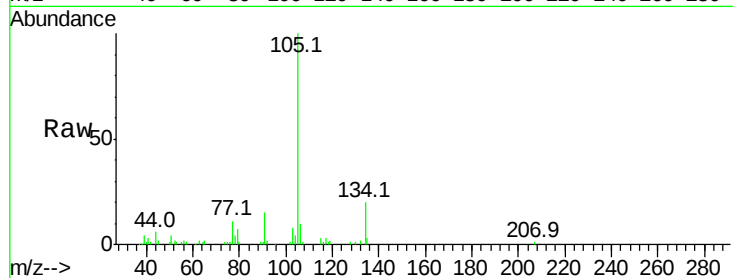
VSTDIC0.1

Tgt Ion: 105 Resp: 87894

Ion Ratio Lower Upper

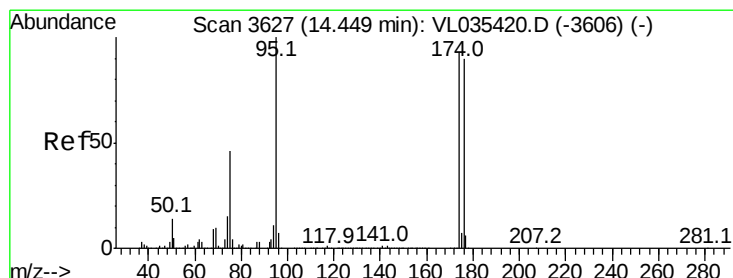
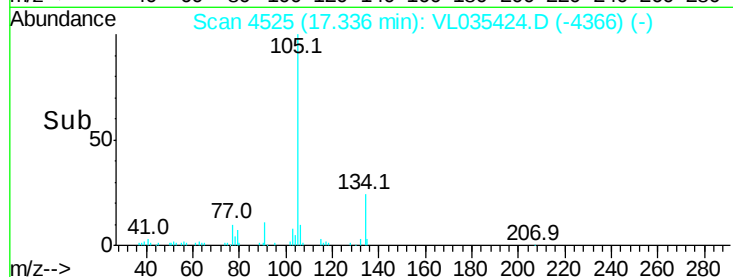
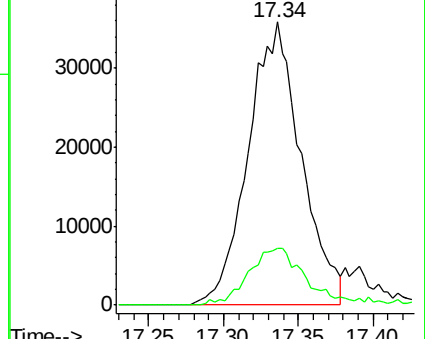
105 100

134 22.6 14.1 21.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.497 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

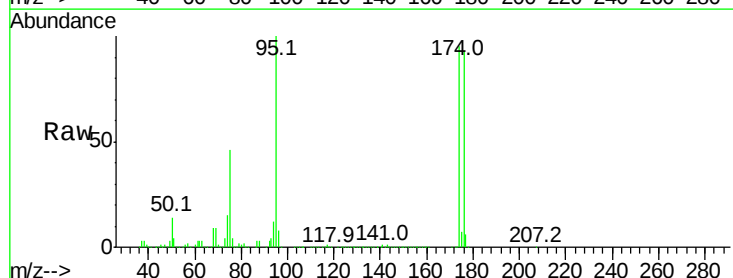
Tgt Ion: 95 Resp: 3630890

Ion Ratio Lower Upper

95 100

174 96.3 44.0 66.0#

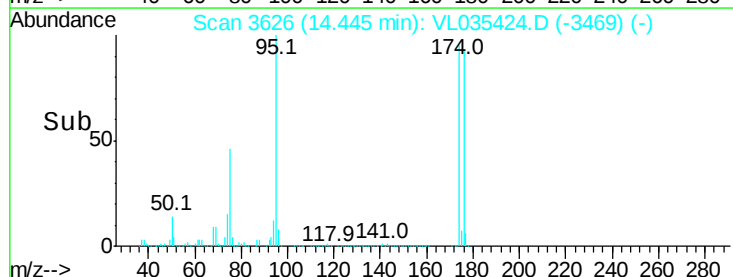
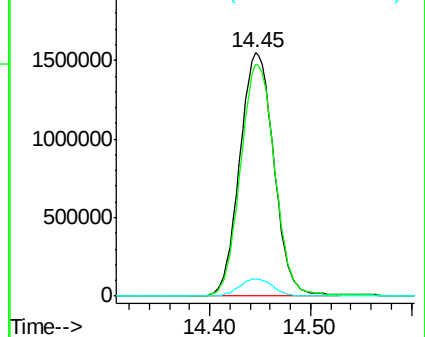
175 7.1 3.2 4.8#

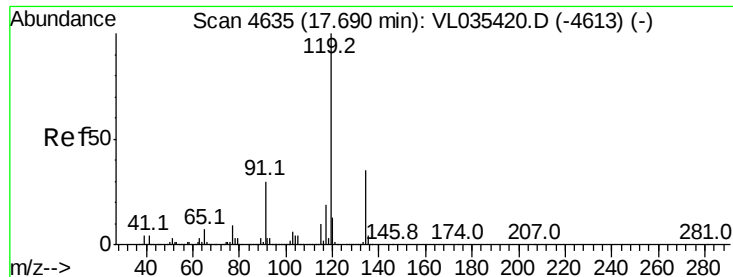


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

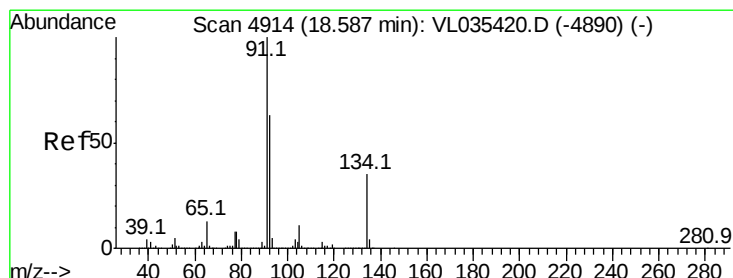
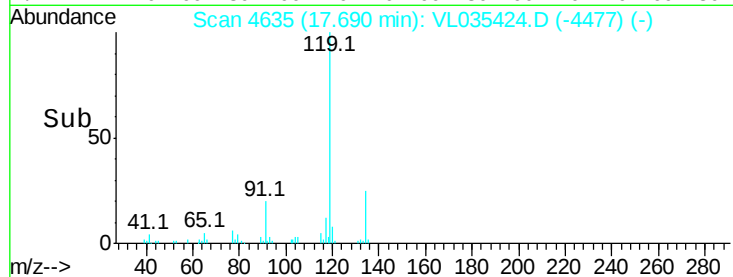
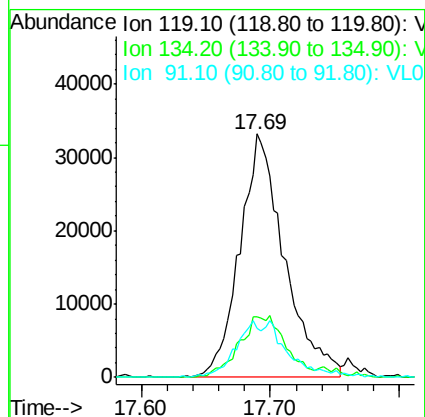
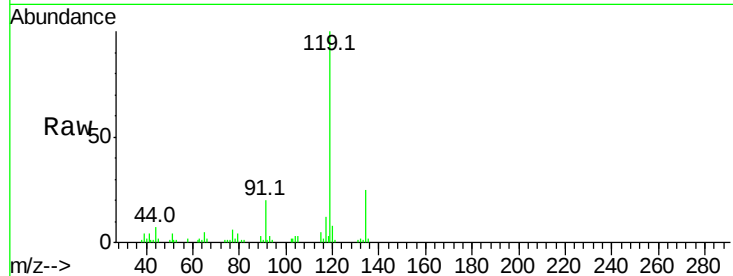




#69
 p-Isopropyltoluene
 Concen: 0.077 ppbv
 RT: 17.69 min Scan# 4635
 Delta R.T. 0.01 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

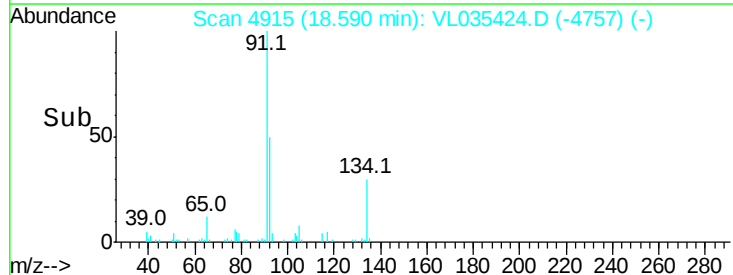
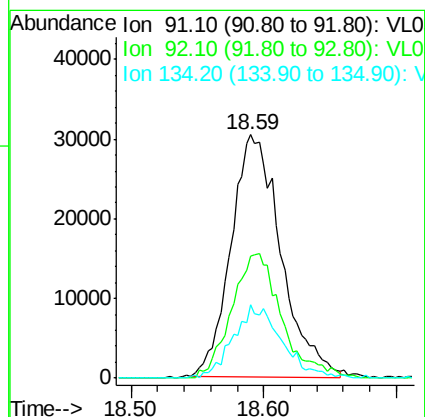
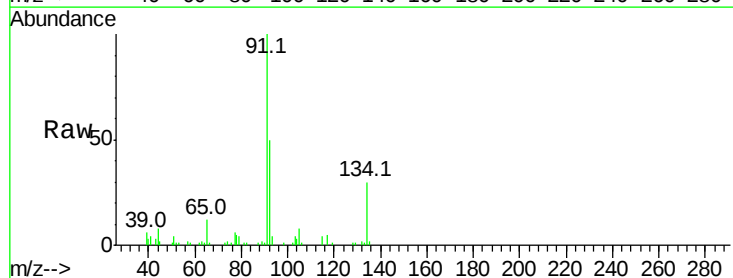
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

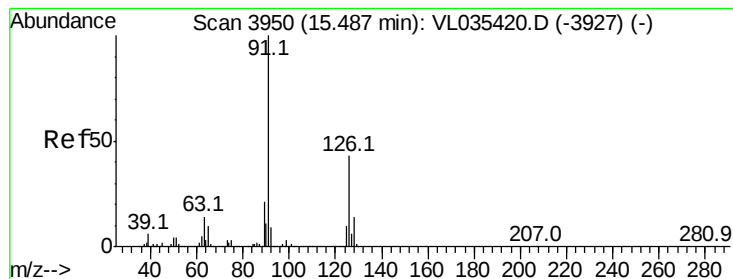
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.5	20.6	30.8
91	26.3	26.6	39.8#



#70
 n-Butylbenzene
 Concen: 0.065 ppbv
 RT: 18.59 min Scan# 4915
 Delta R.T. 0.01 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	44.8	67.2
134	29.2	17.3	25.9#





#71

2-Chlorotoluene

Concen: 0.072 ppbv

RT: 15.48 min Scan# 3949

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

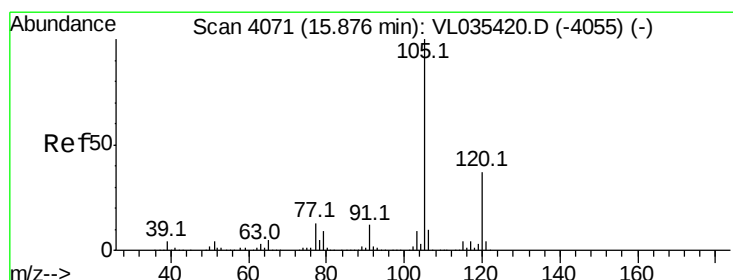
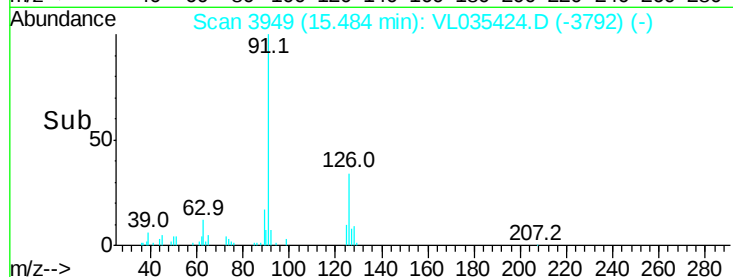
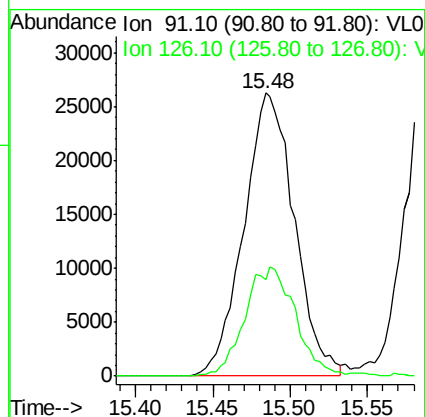
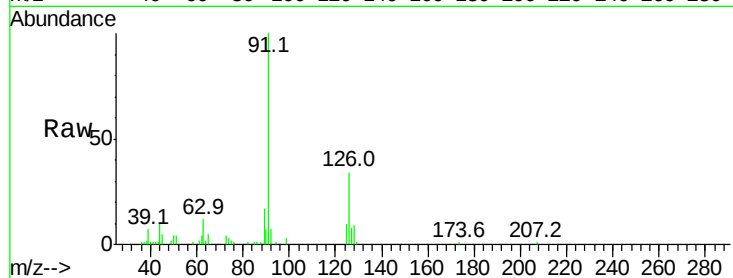
VSTDIC0.1

Tgt Ion: 91 Resp: 59505

Ion Ratio Lower Upper

91 100

126 38.9 11.4 45.6



#72

4-Ethyltoluene

Concen: 0.071 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Tgt Ion: 105 Resp: 56932

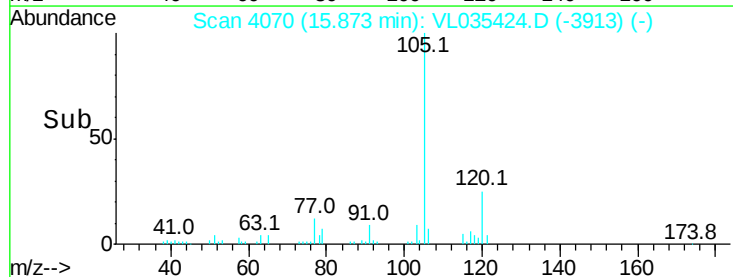
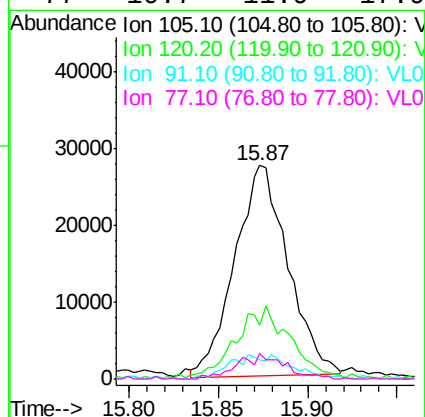
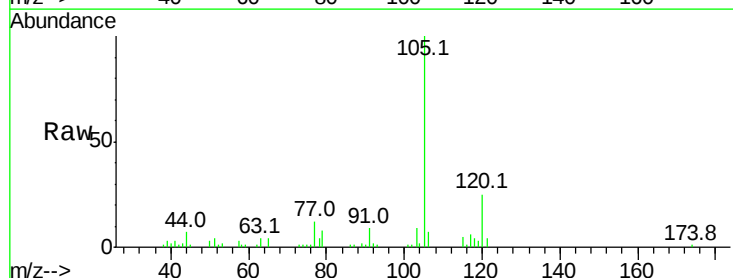
Ion Ratio Lower Upper

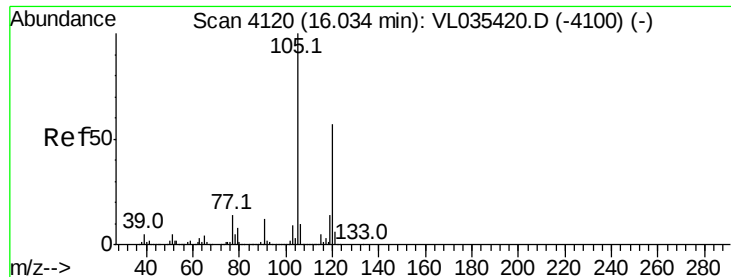
105 100

120 36.6 22.7 34.1#

91 13.0 10.8 16.2

77 10.7 11.9 17.9#

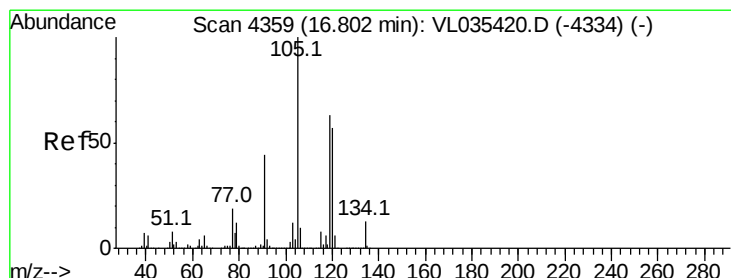
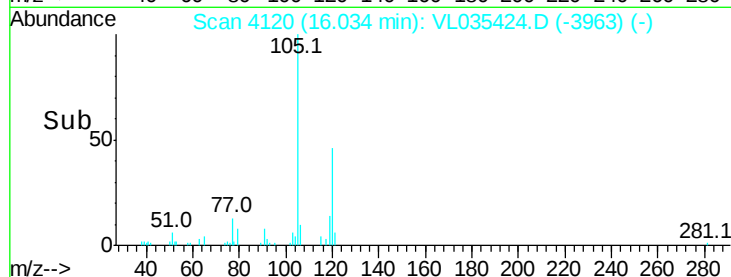
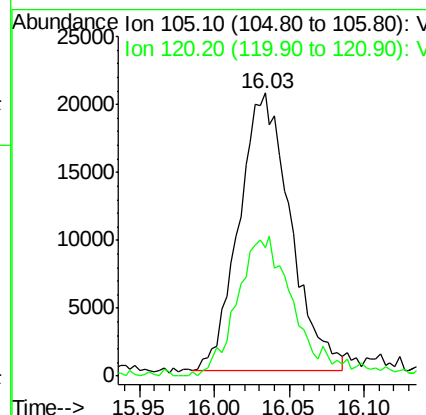
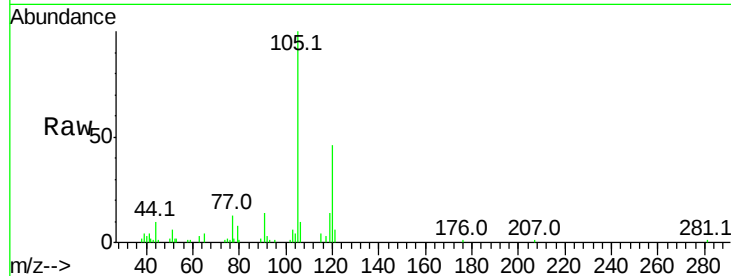




#73
 1,3,5-Trimethylbenzene
 Concen: 0.065 ppbv
 RT: 16.03 min Scan# 4120
 Delta R.T. 0.01 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

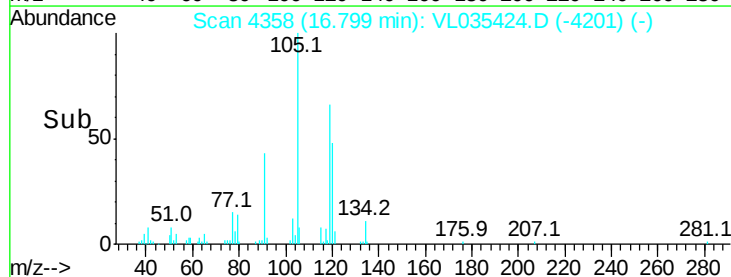
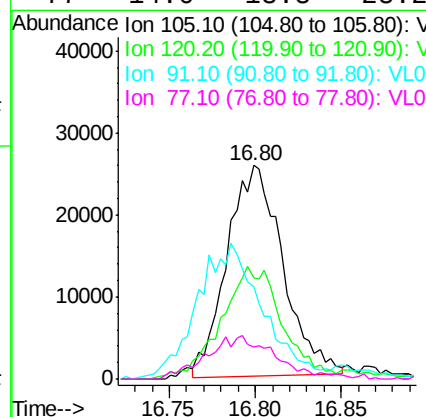
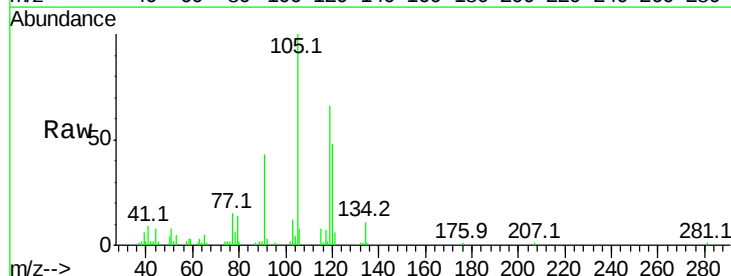
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

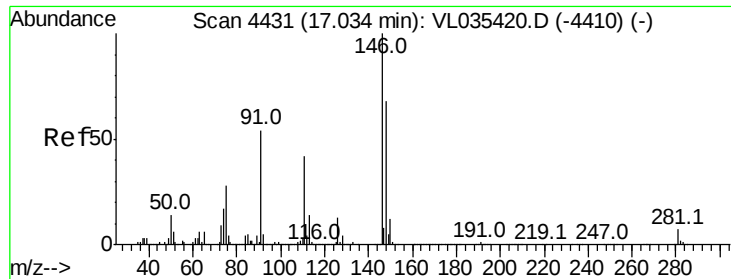
Tgt Ion:105 Resp: 49306
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.6 53.4



#74
 1,2,4-Trimethylbenzene
 Concen: 0.072 ppbv
 RT: 16.80 min Scan# 4358
 Delta R.T. 0.01 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

Tgt Ion:105 Resp: 58409
 Ion Ratio Lower Upper
 105 100
 120 45.3 37.8 56.8
 91 38.5 40.0 60.0#
 77 14.0 18.8 28.2#





#75

1,3-Dichlorobenzene

Concen: 0.129 ppbv

RT: 17.03 min Scan# 4431

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

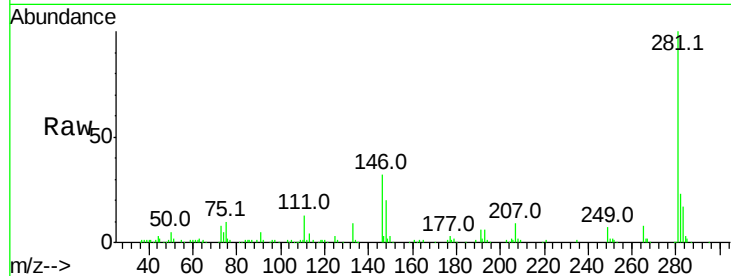
Tgt Ion:146 Resp: 57217

Ion Ratio Lower Upper

146 100

111 43.1 25.6 76.8

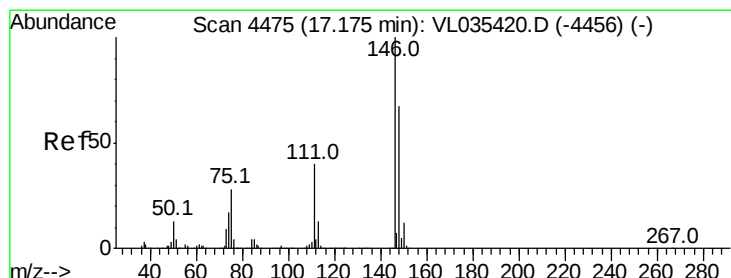
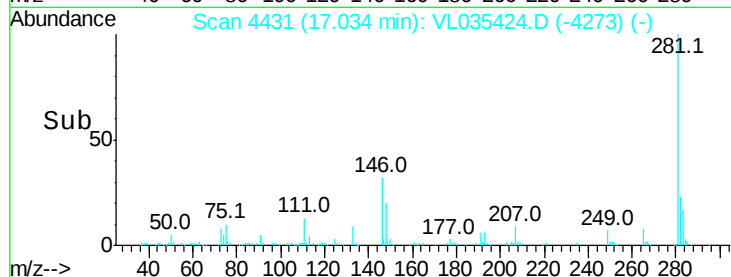
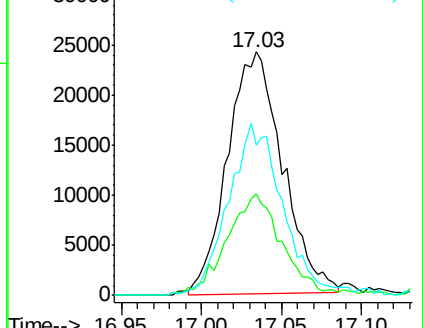
148 70.1 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.121 ppbv

RT: 17.18 min Scan# 4475

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

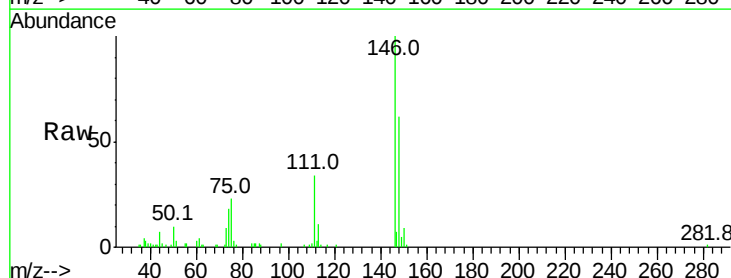
Tgt Ion:146 Resp: 54873

Ion Ratio Lower Upper

146 100

111 38.7 24.8 74.4

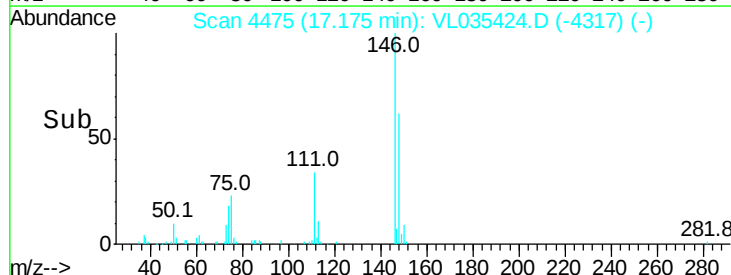
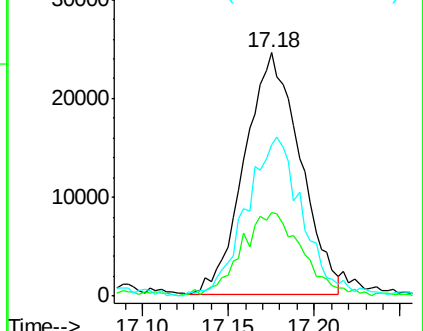
148 68.1 32.1 96.3

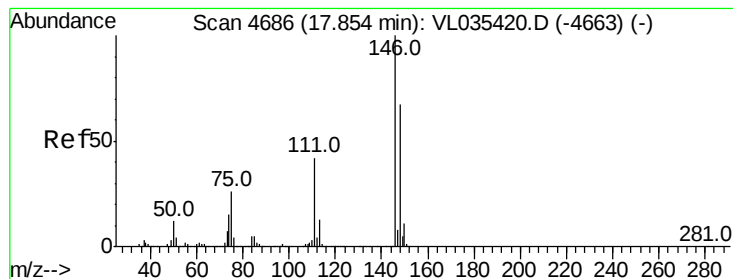


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 0.126 ppbv

RT: 17.85 min Scan# 4686

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

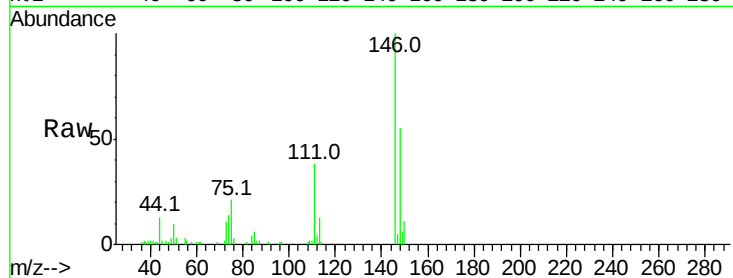
Tgt Ion:146 Resp: 56164

Ion Ratio Lower Upper

146 100

111 40.2 26.3 78.9

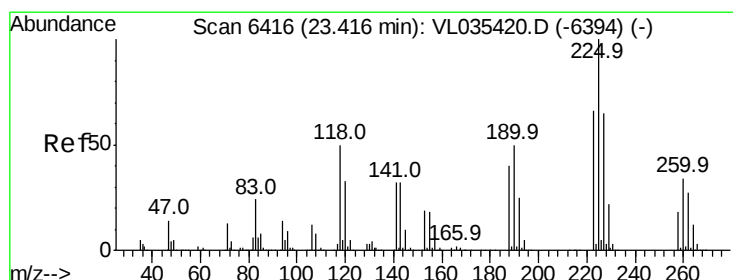
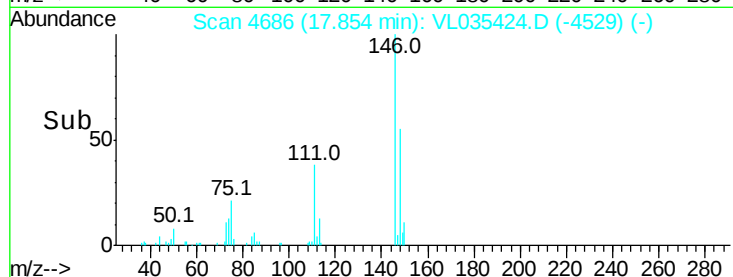
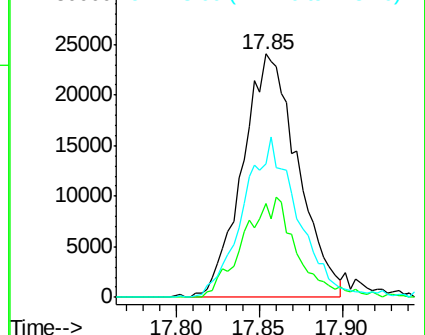
148 65.8 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 0.067 ppbv

RT: 23.41 min Scan# 6415

Delta R.T. 0.01 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

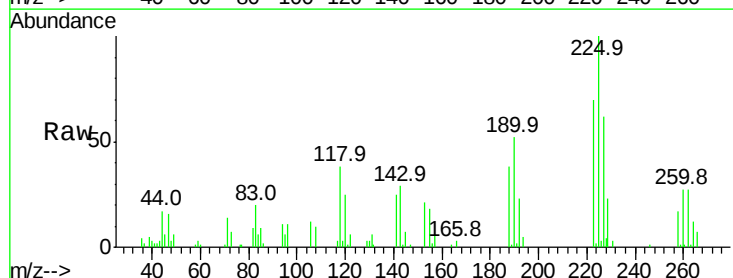
Tgt Ion:225 Resp: 23001

Ion Ratio Lower Upper

225 100

223 141.7 50.3 75.5#

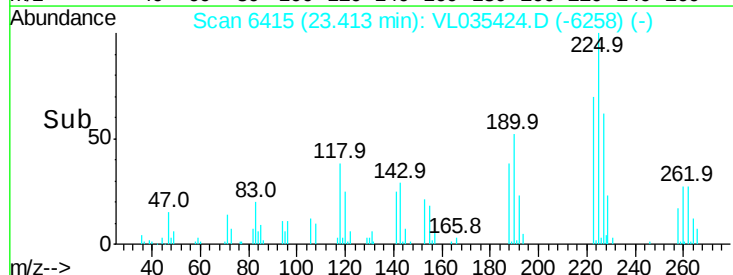
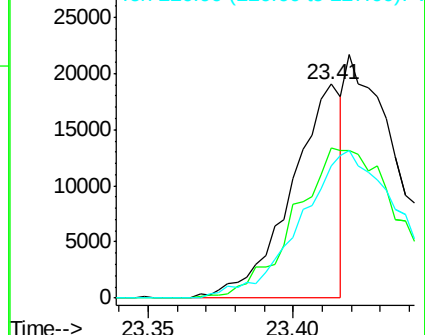
227 0.0 51.0 76.6#

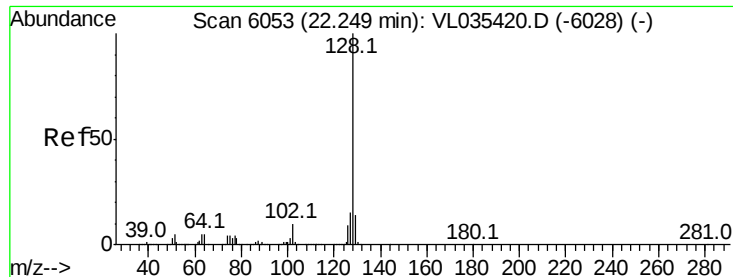


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.058 ppbv

RT: 22.26 min Scan# 6055

Delta R.T. 0.02 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1

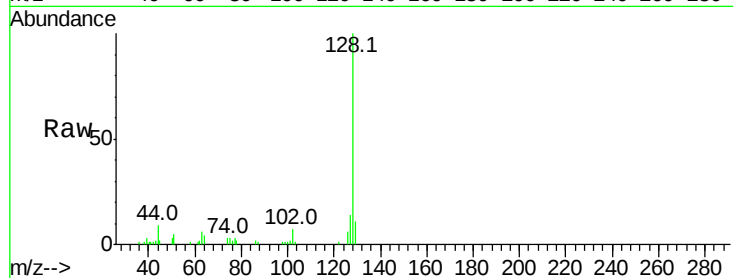
Tgt Ion:128 Resp: 54797

Ion Ratio Lower Upper

128 100

127 14.2 11.4 17.0

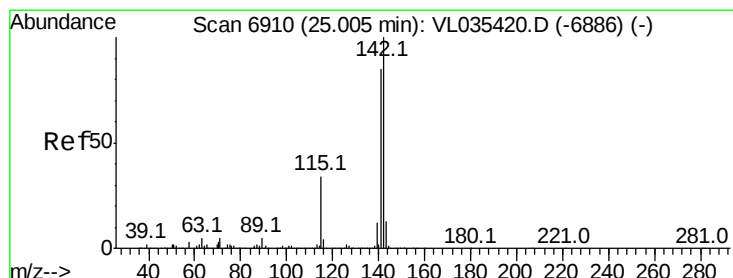
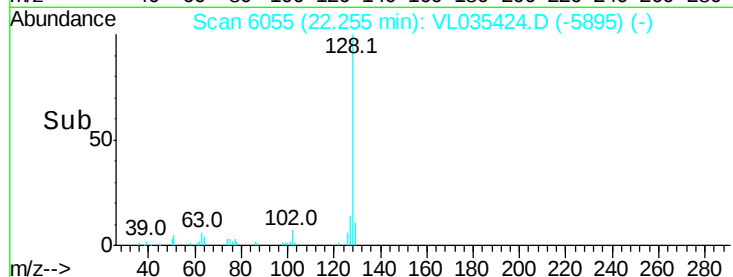
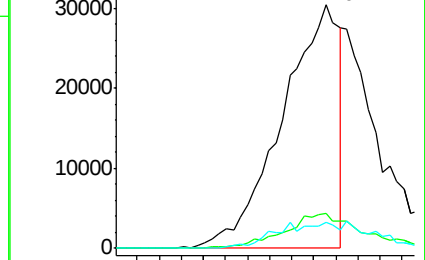
129 10.5 9.5 14.3



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.065 ppbv

RT: 25.02 min Scan# 6914

Delta R.T. 0.02 min

Lab File: VL035424.D

Acq: 17 Aug 2020 16:45

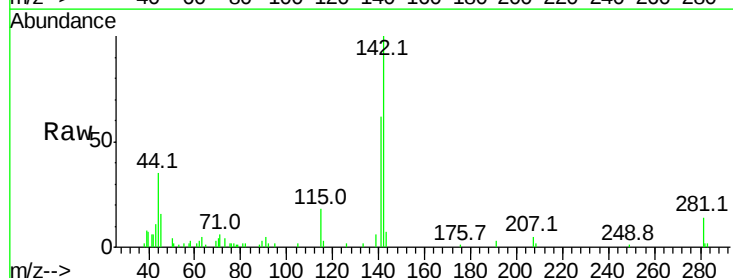
Tgt Ion:142 Resp: 25537

Ion Ratio Lower Upper

142 100

141 79.2 67.1 100.7

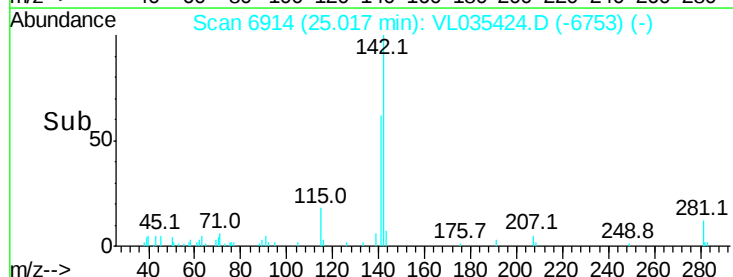
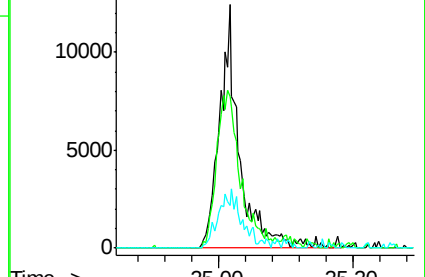
115 29.2 36.1 54.1#

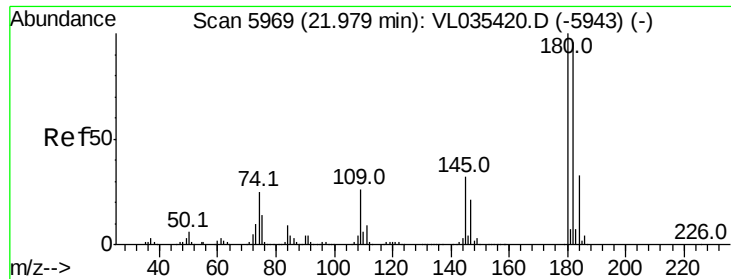


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.136 ppbv
 RT: 21.98 min Scan# 5970
 Delta R.T. 0.02 min
 Lab File: VL035424.D
 Acq: 17 Aug 2020 16:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.1

Tgt Ion:180 Resp: 61167
 Ion Ratio Lower Upper
 180 100
 182 100.5 76.6 115.0
 184 31.4 24.8 37.2

