

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036980.D
 Acq On : 18 May 2021 22:15
 Operator : SY/AP
 Sample : M2430-03DL2 20X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: May 19 03:16:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

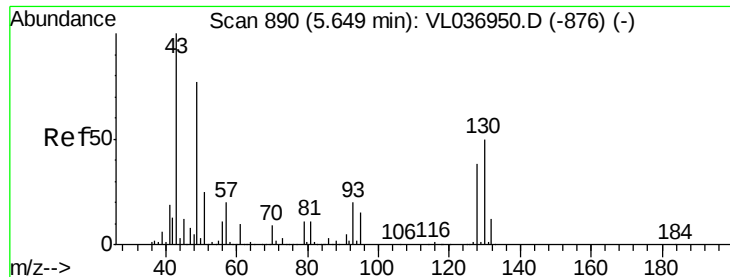
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1294842	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3781282	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3460114	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2586291	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	15657	0.071	ppbv #	87
3) Chlorodifluoromethane	2.97	51	96681	0.408	ppbv	94
4) Chloromethane	3.13	50	2798	0.035	ppbv #	42
8) Dichlorotetrafluoroethane	3.17	85	7322	0.036	ppbv	85
9) Propene	3.00	41	11276	0.133	ppbv #	45
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5929	0.041	ppbv	91
13) Ethanol	3.61	45	37576	3.315	ppbv #	51
15) Acetone	3.84	43	1472262	11.101	ppbv	99
16) 1,3-Butadiene	3.33	39	3446	0.042	ppbv #	10
18) 1,1-Dichloroethene	4.27	96	2137	0.032	ppbv #	57
19) Isopropyl Alcohol	3.99	45	36319	0.509	ppbv #	30
20) Methylene Chloride	4.33	84	65553	0.922	ppbv	96
25) Ethyl Acetate	5.67	43	45811	0.144	ppbv #	81
26) Hexane	5.67	57	53665	0.330	ppbv #	51
29) Chloroform	5.74	83	31549	0.137	ppbv	96
34) 2-Butanone	5.24	43	31247	0.227	ppbv #	25
38) Trichloroethene	7.81	130	44827	0.322	ppbv	91
39) 1,2-Dichloropropane	7.16	63	883819	7.044	ppbv #	24
51) 2-Hexanone	10.14	43	5836	0.049	ppbv #	27
52) Tetrachloroethene	11.20	164	1215659	9.386	ppbv	97
53) Toluene	9.78	91	42008	0.108	ppbv	93
58) Ethyl Benzene	12.69	91	33281	0.068	ppbv	91
59) m/p-Xylene	12.97	91	23920	0.059	ppbv #	30
60) o-Xylene	13.67	91	36712	0.095	ppbv	98
65) tert-Butylbenzene	16.72	119	19667	0.039	ppbv #	43
67) sec-Butylbenzene	17.27	105	35971	0.053	ppbv	92
69) p-Isopropyltoluene	17.63	119	24183	0.041	ppbv #	60
70) n-Butylbenzene	18.53	91	17607	0.032	ppbv #	10
71) 2-Chlorotoluene	15.43	91	16916	0.042	ppbv	88
72) 4-Ethyltoluene	15.82	105	17045	0.037	ppbv #	48
73) 1,3,5-Trimethylbenzene	15.98	105	19032	0.044	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	61129	0.138	ppbv #	79
75) 1,3-Dichlorobenzene	16.98	146	9064	0.033	ppbv #	38

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL036980.D

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ClientSampleId :

SV1DL

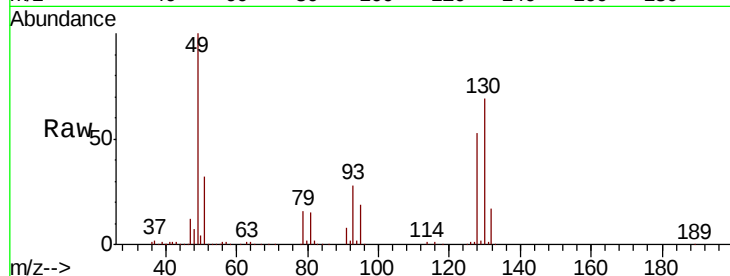
Tot Ion: 49 Resp: 1294842

Ion Ratio Lower Upper

49 100

128 54.3 26.9 80.7

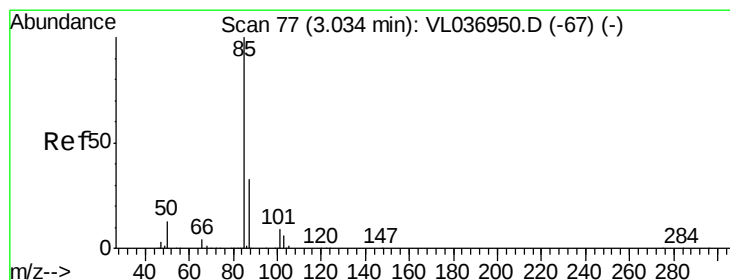
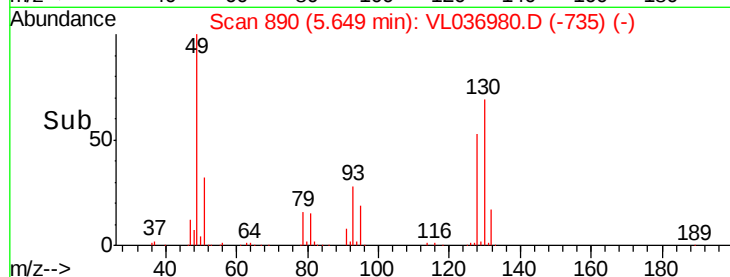
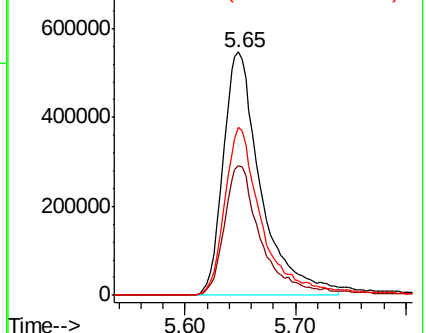
130 70.6 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.071 ppbv

RT: 3.04 min Scan# 78

Delta R.T. 0.00 min

Lab File: VL036980.D

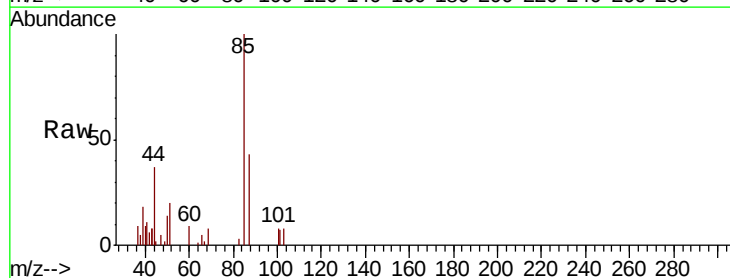
Acq: 18 May 2021 22:15

Tgt Ion: 85 Resp: 15657

Ion Ratio Lower Upper

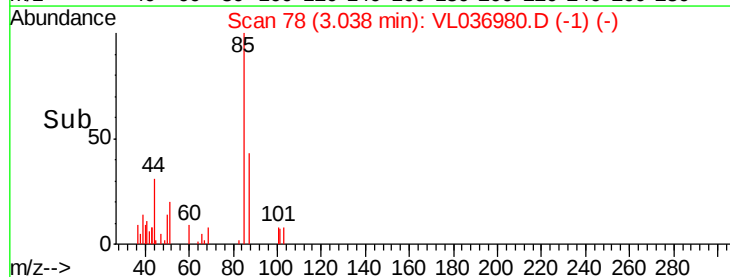
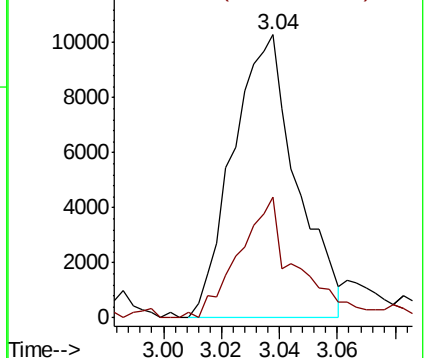
85 100

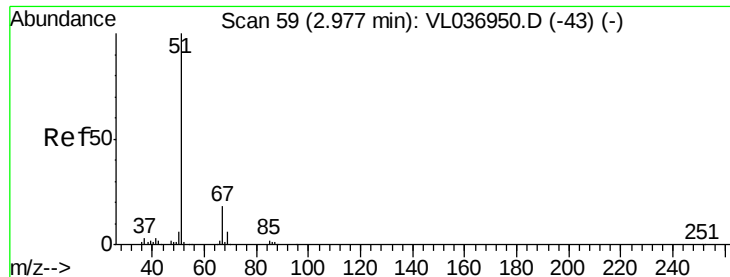
87 40.5 26.6 39.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.408 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

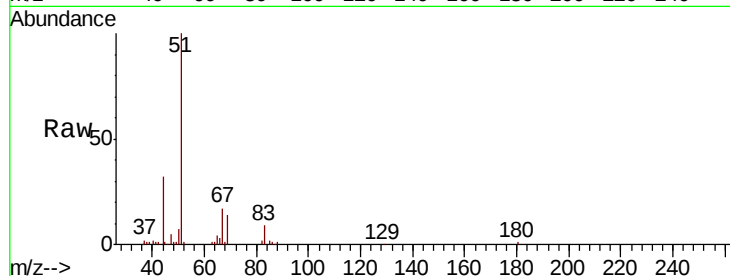
SV1DL

Tot Ion: 51 Resp: 96681

Ion Ratio Lower Upper

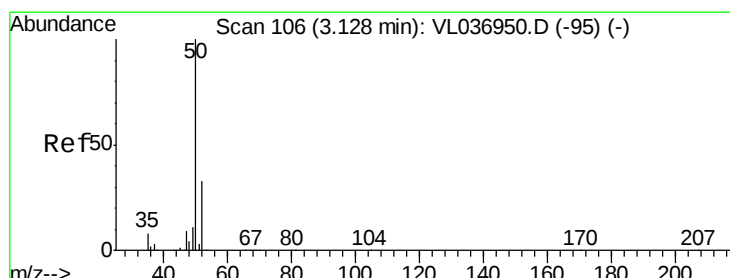
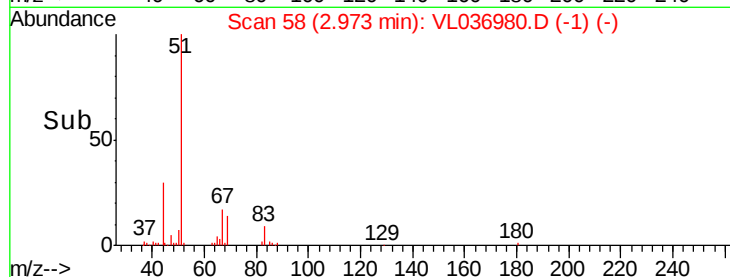
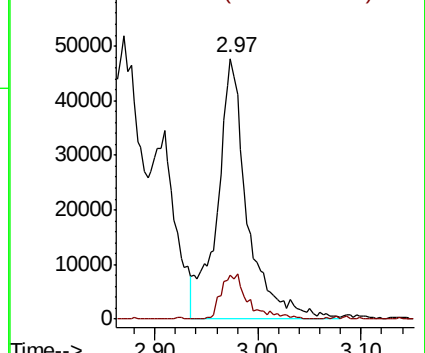
51 100

67 15.7 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.035 ppbv

RT: 3.13 min Scan# 106

Delta R.T. -0.00 min

Lab File: VL036980.D

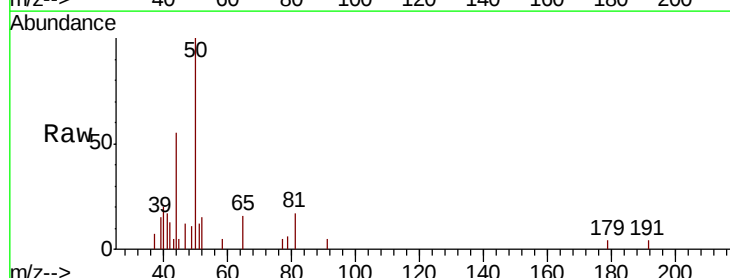
Acq: 18 May 2021 22:15

Tgt Ion: 50 Resp: 2798

Ion Ratio Lower Upper

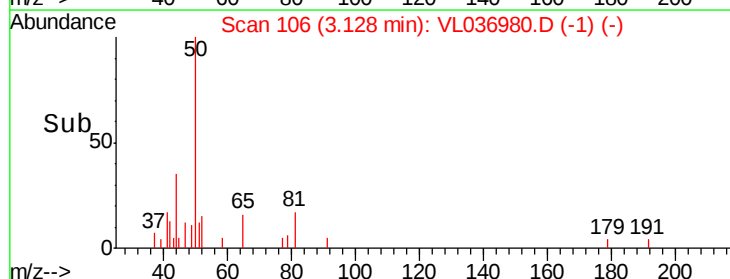
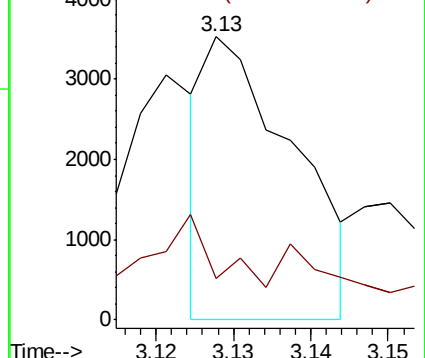
50 100

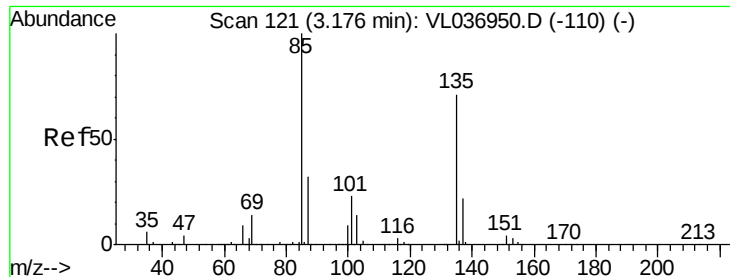
52 0.0 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.036 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

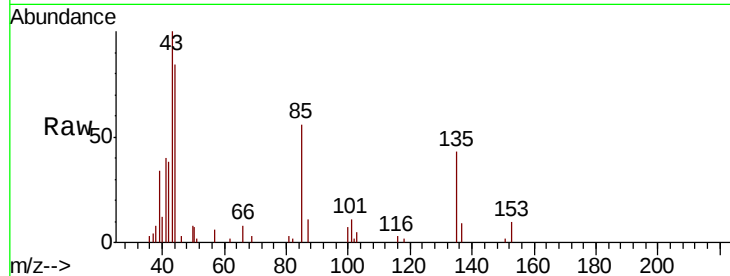
SV1DL

Tot Ion: 85 Resp: 7322

Ion Ratio Lower Upper

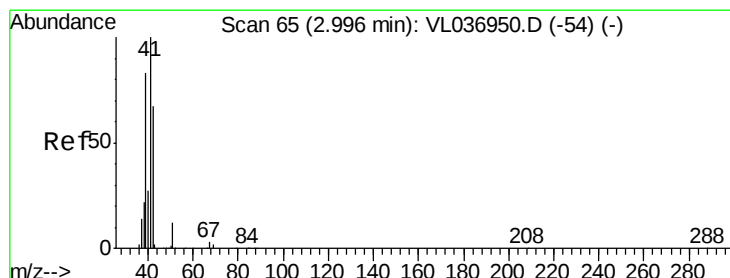
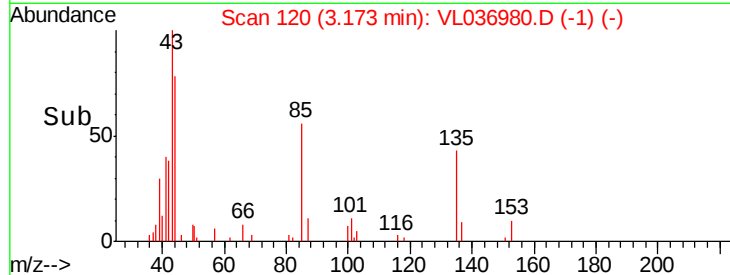
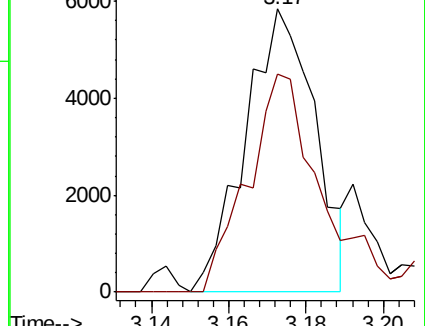
85 100

135 84.9 57.7 86.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



#9

Propene

Concen: 0.133 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.00 min

Lab File: VL036980.D

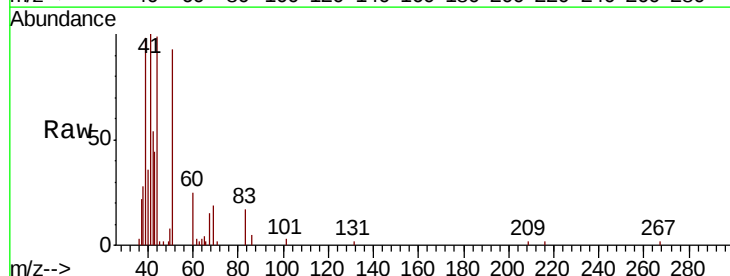
Acq: 18 May 2021 22:15

Tgt Ion: 41 Resp: 11276

Ion Ratio Lower Upper

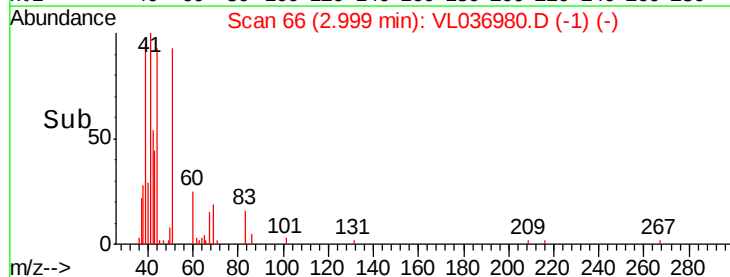
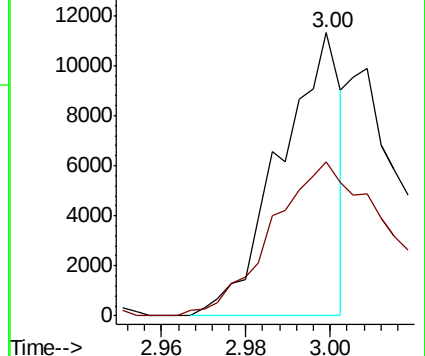
41 100

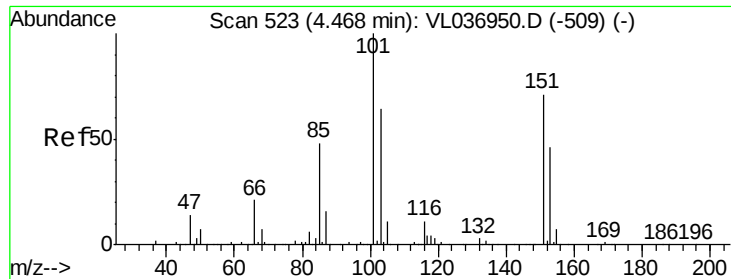
42 111.3 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

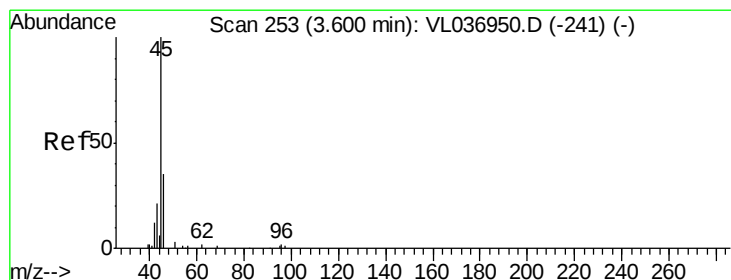
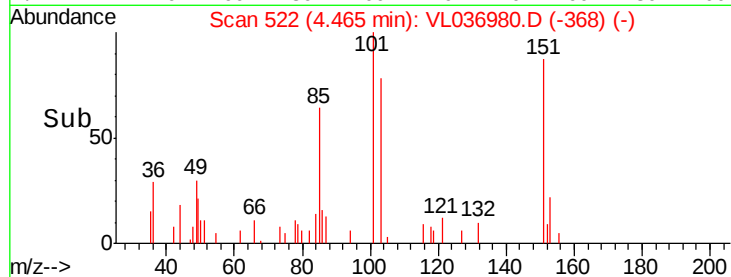
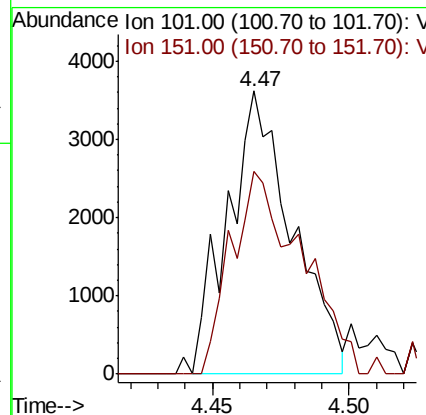
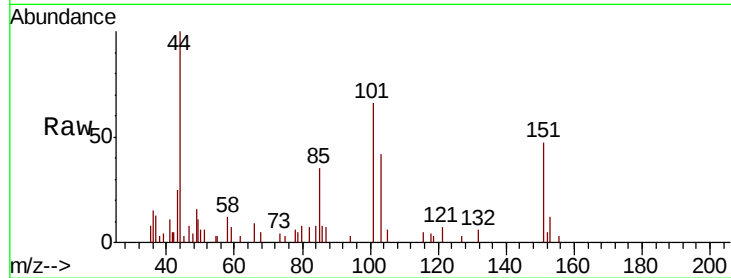




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.041 ppbv
 RT: 4.47 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

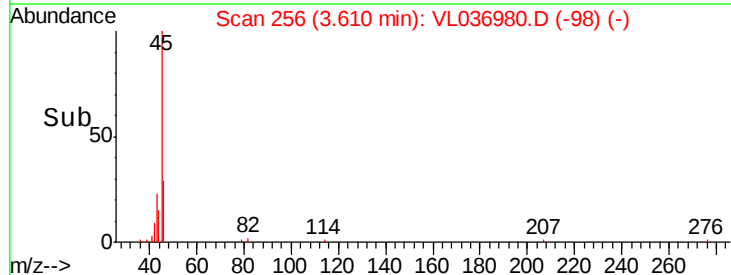
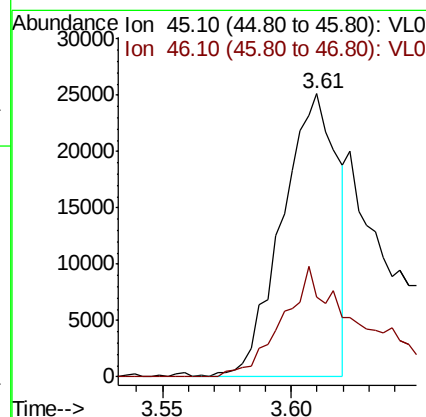
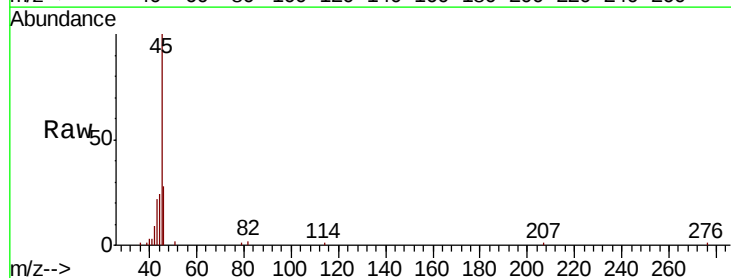
Instrument :
 MSVOA_L
 ClientSampleID :
 SV1DL

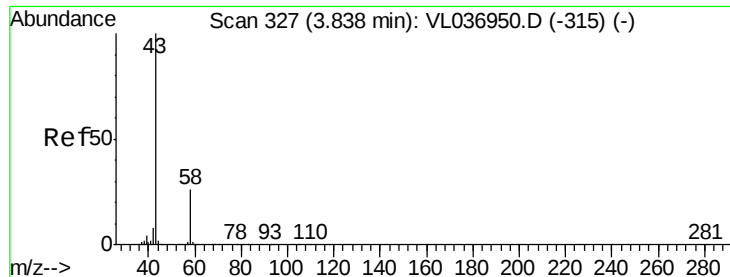
Tot Ion:101 Resp: 5929
 Ion Ratio Lower Upper
 101 100
 151 79.3 57.7 86.5



#13
 Ethanol
 Concen: 3.315 ppbv
 RT: 3.61 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

Tgt Ion: 45 Resp: 37576
 Ion Ratio Lower Upper
 45 100
 46 71.5 16.3 65.3#





#15

Acetone

Concen: 11.101 ppbv

RT: 3.84 min Scan# 326

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

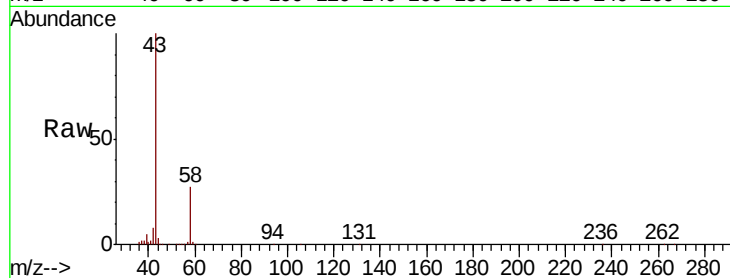
SV1DL

Tot Ion: 43 Resp: 1472262

Ion Ratio Lower Upper

43 100

58 29.6 24.0 36.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

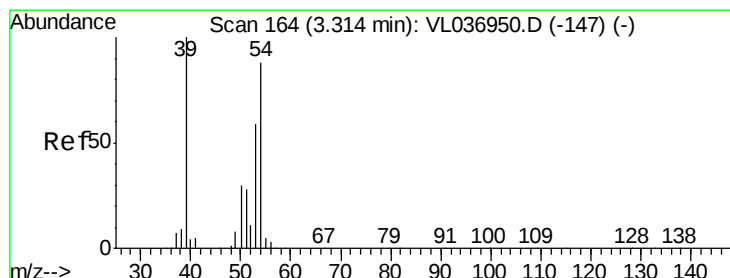
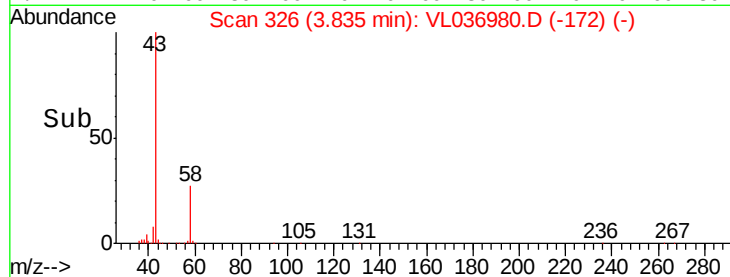
600000

400000

200000

0

Time-->



#16

1,3-Butadiene

Concen: 0.042 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL036980.D

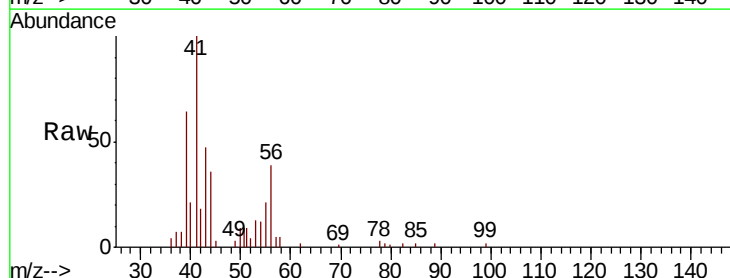
Acq: 18 May 2021 22:15

Tgt Ion: 39 Resp: 3446

Ion Ratio Lower Upper

39 100

54 0.0 63.2 94.8#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

10000

8000

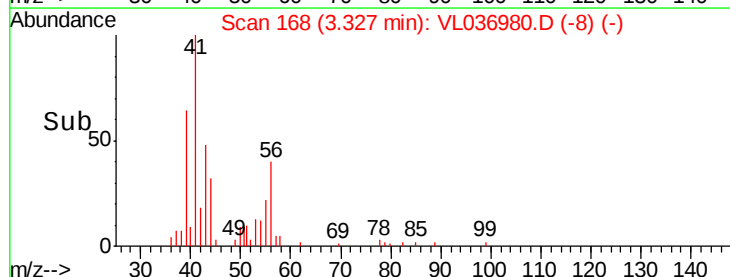
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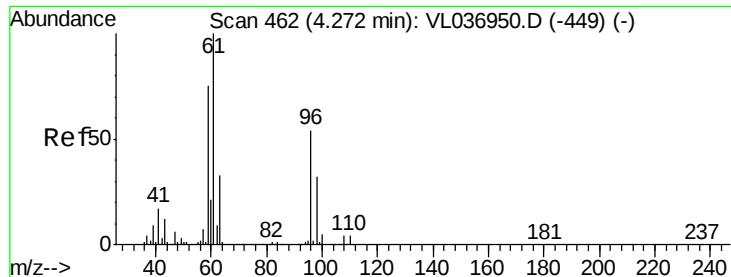
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2000

0

Time-->

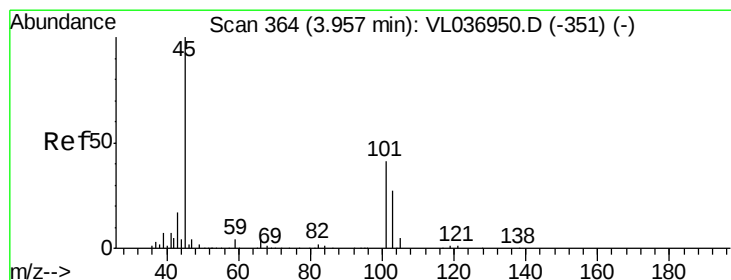
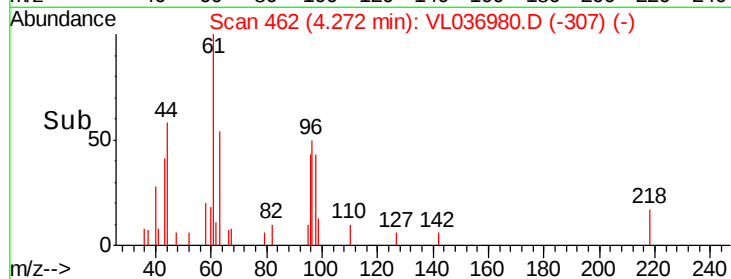
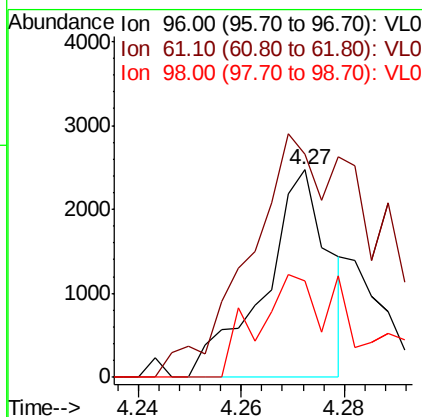
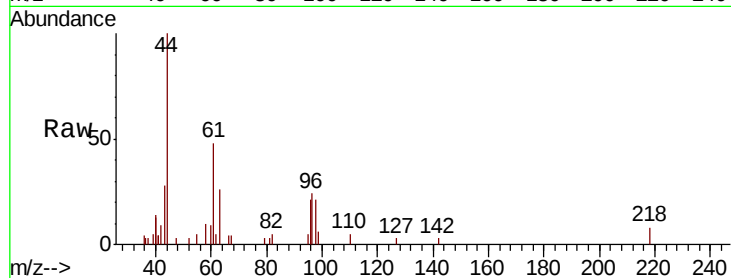




#18
 1,1-Dichloroethene
 Concen: 0.032 ppbv
 RT: 4.27 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

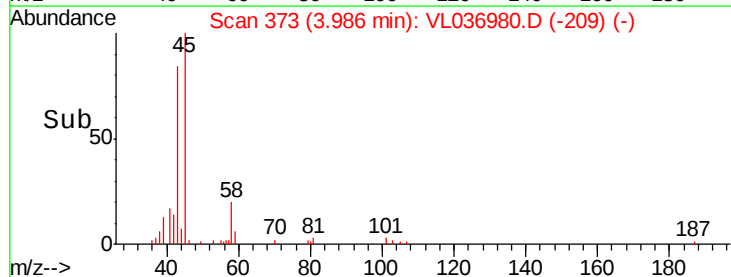
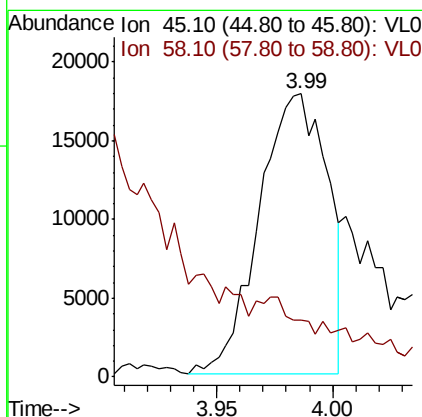
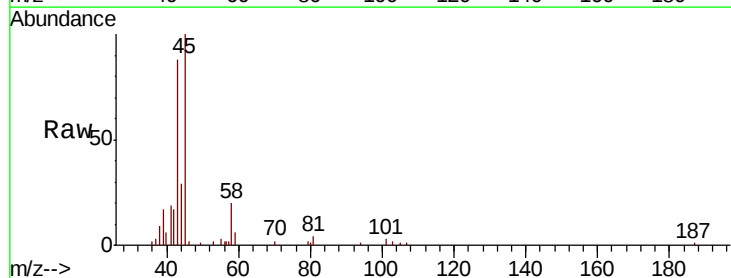
Instrument :
 MSVOA_L
 ClientSampleID :
 SV1DL

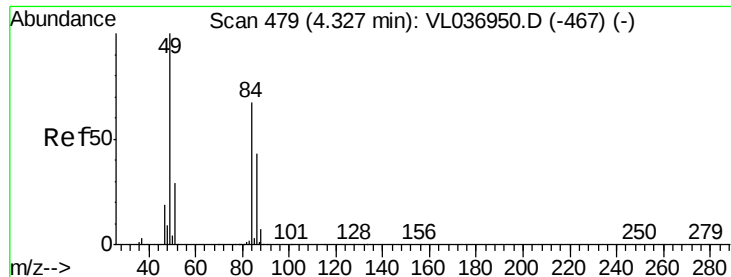
Tot Ion: 96 Resp: 2137
 Ion Ratio Lower Upper
 96 100
 61 104.0 148.2 222.4#
 98 60.5 47.8 71.6



#19
 Isopropyl Alcohol
 Concen: 0.509 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.03 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

Tgt Ion: 45 Resp: 36319
 Ion Ratio Lower Upper
 45 100
 58 0.0 37.2 55.8#

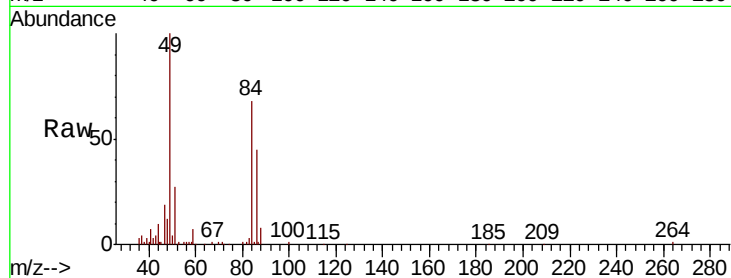




#20
Methvlene Chloride
Concen: 0.922 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion:	84	Resp:	65553
Ion	Ratio	Lower	Upper
84	100		
49	146.2	119.8	179.6
51	39.6	35.1	52.7
86	66.0	50.9	76.3



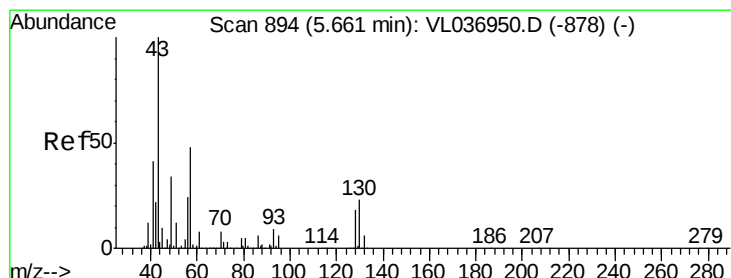
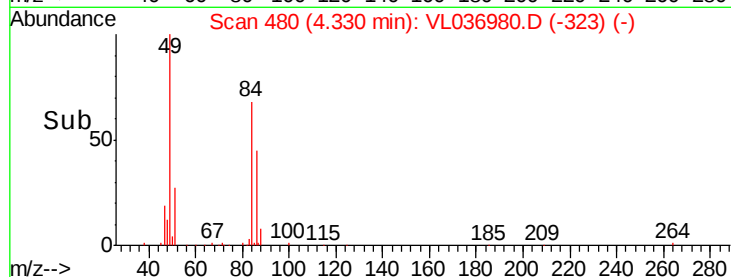
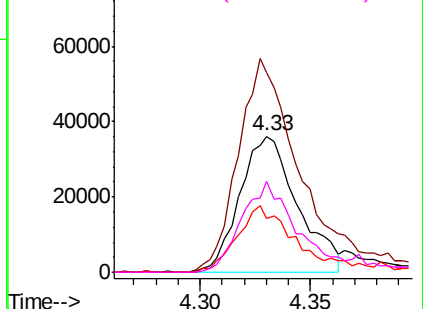
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

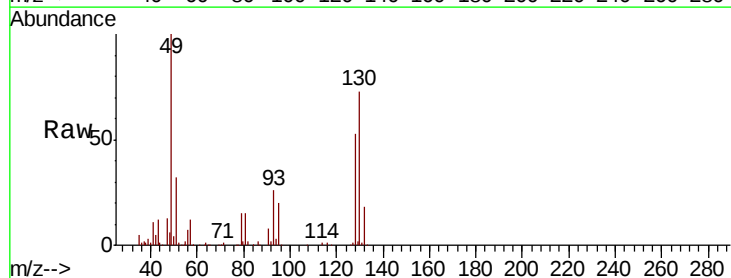
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#25
Ethyl Acetate
Concen: 0.144 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

Tgt Ion:	43	Resp:	45811
Ion	Ratio	Lower	Upper
43	100		
45	3.0	7.8	11.8#
61	0.0	7.8	11.8#
70	3.6	5.6	8.4#



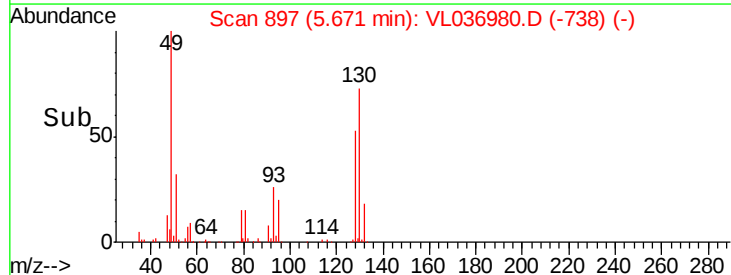
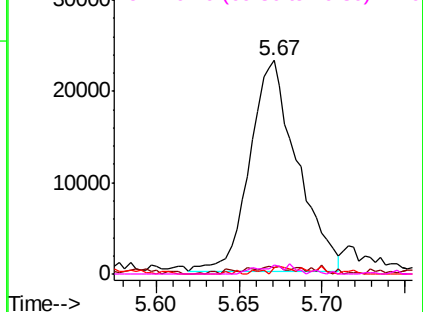
Abundance

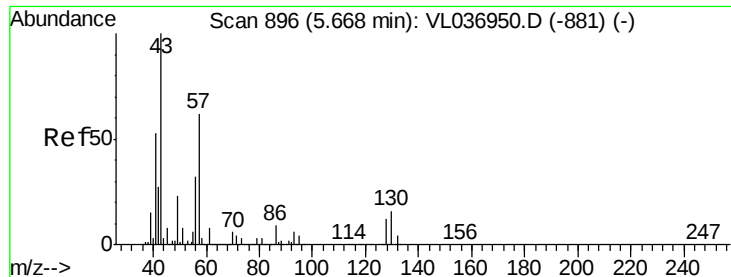
Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

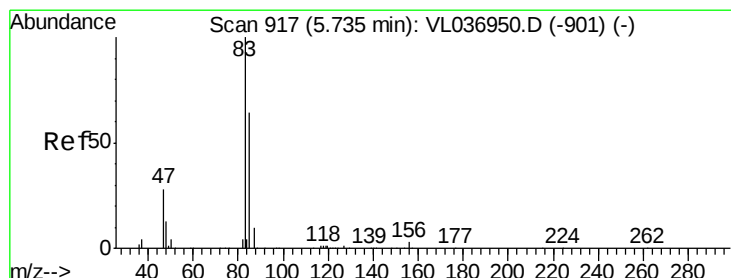
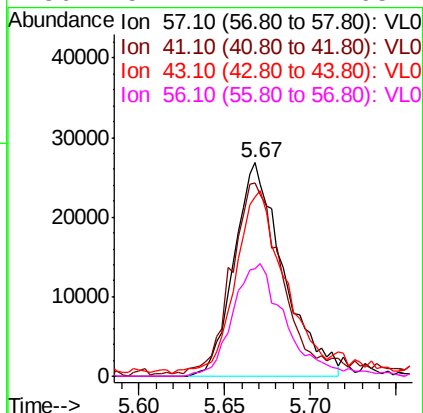
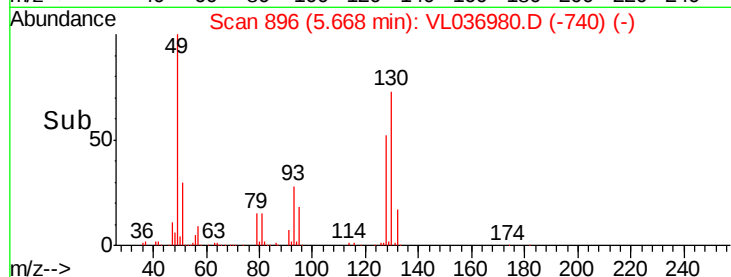
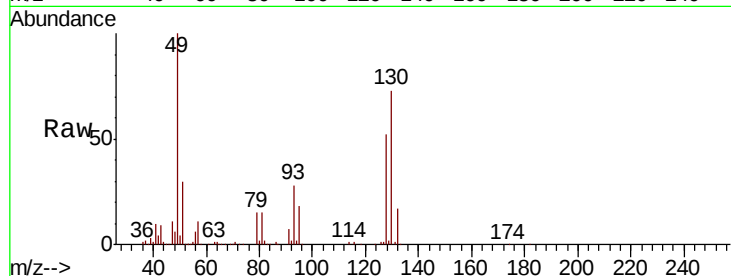




#26
Hexane
Concen: 0.330 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

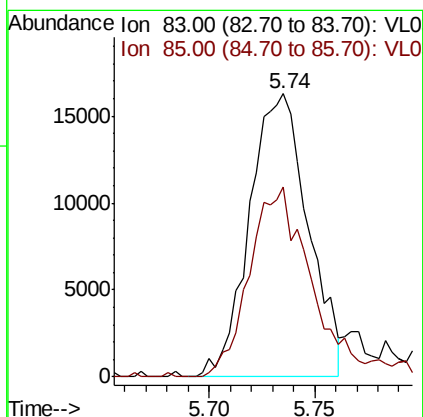
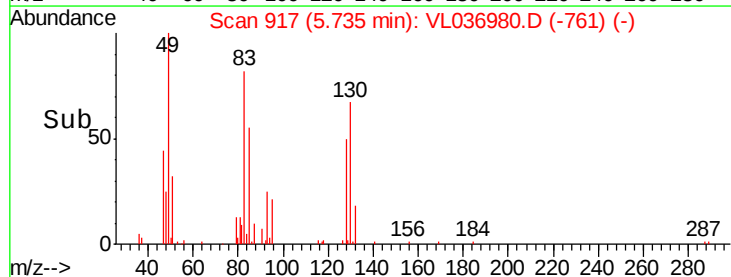
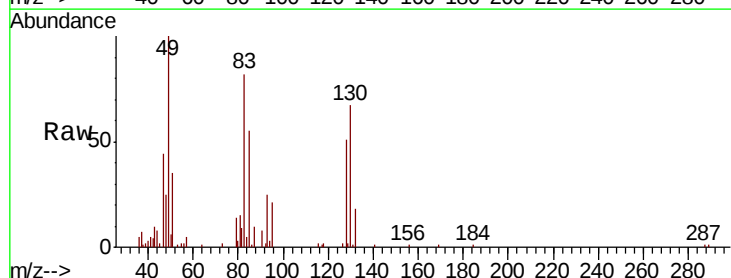
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

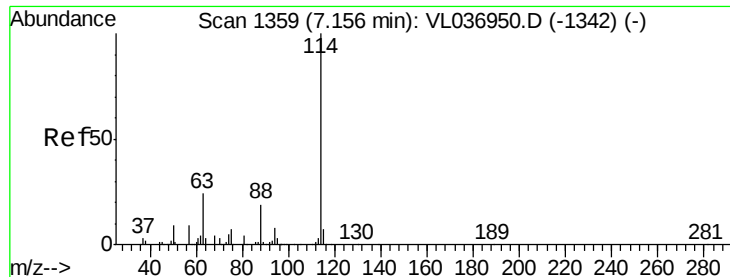
Tot Ion: 57 Resp: 53665
Ion Ratio Lower Upper
57 100
41 101.9 70.5 105.7
43 92.6 165.8 248.8#
56 57.4 42.2 63.4



#29
Chloroform
Concen: 0.137 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

Tgt Ion: 83 Resp: 31549
Ion Ratio Lower Upper
83 100
85 67.2 51.1 76.7

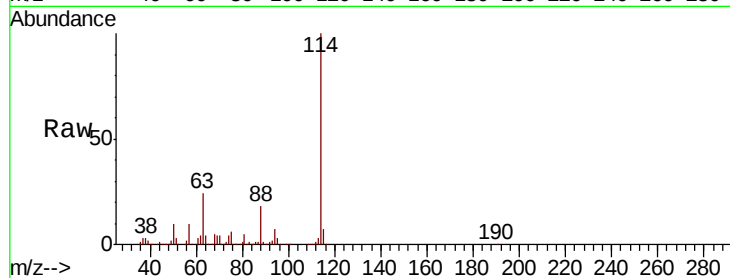




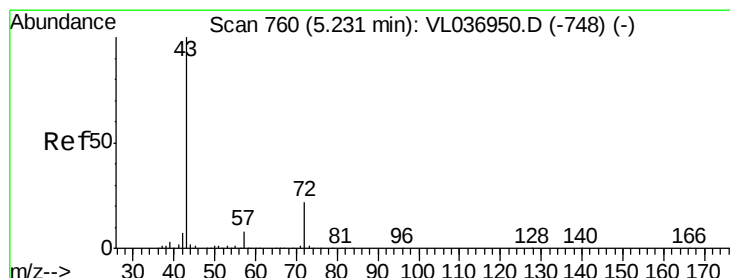
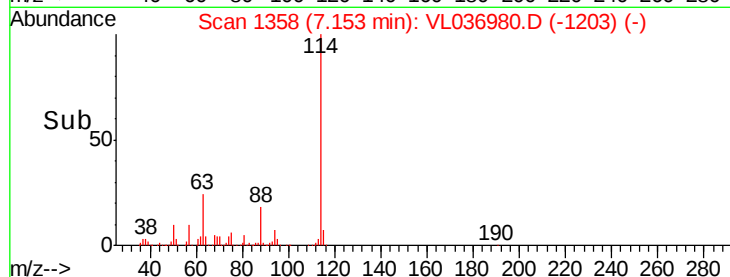
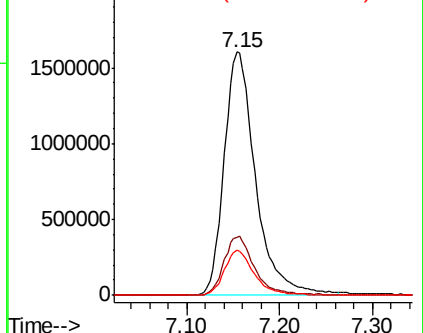
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tot Ion:114 Resp: 3781282
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 17.9 14.6 21.8

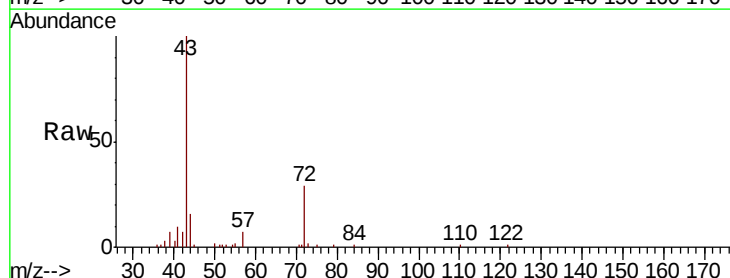


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

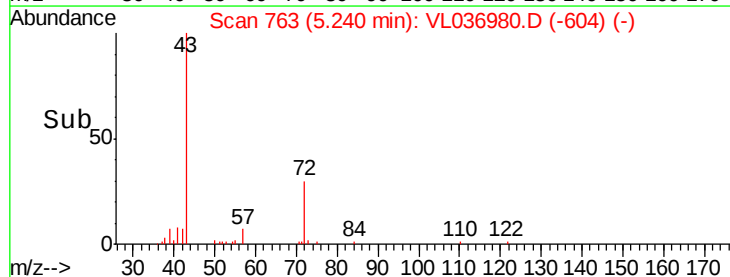
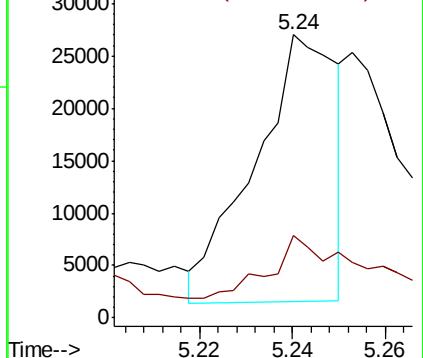


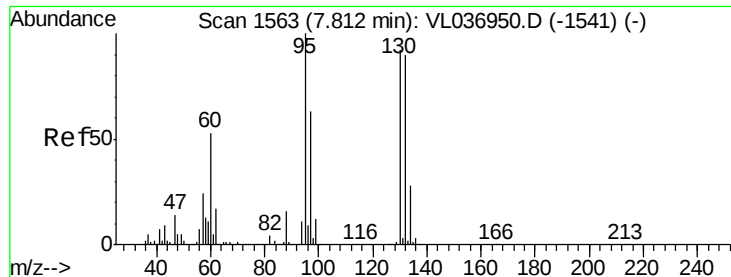
#34
 2-Butanone
 Concen: 0.227 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

Tgt Ion: 43 Resp: 31247
 Ion Ratio Lower Upper
 43 100
 72 60.7 19.0 28.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0

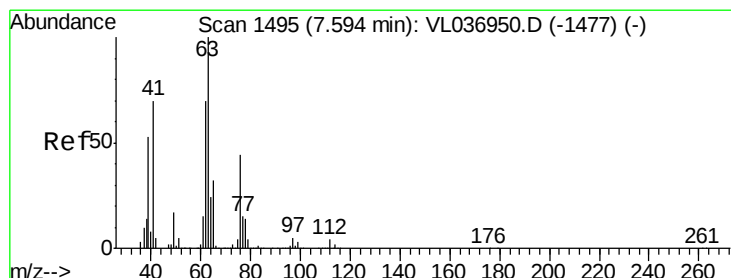
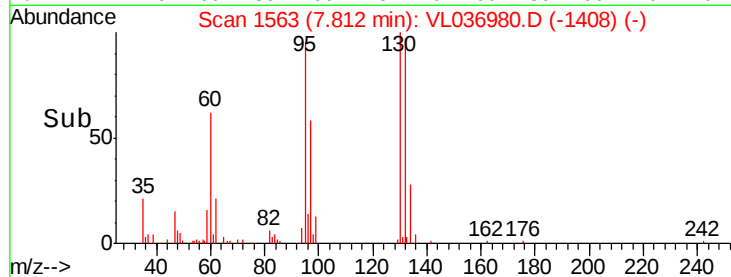
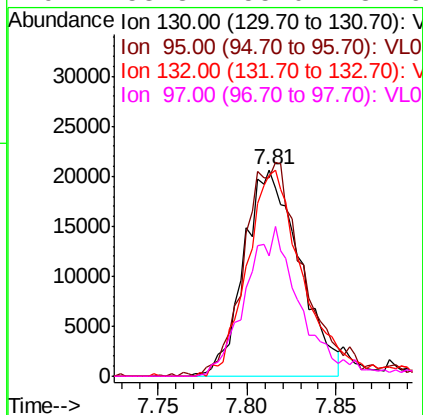
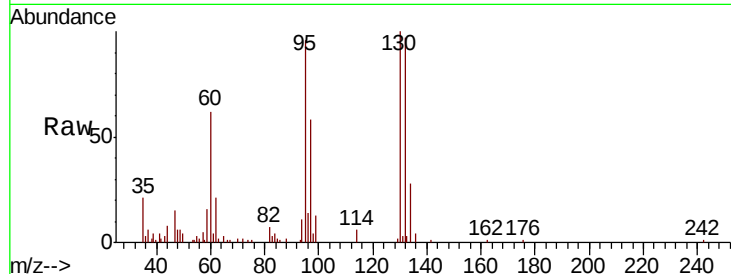




#38
 Trichloroethene
 Concen: 0.322 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

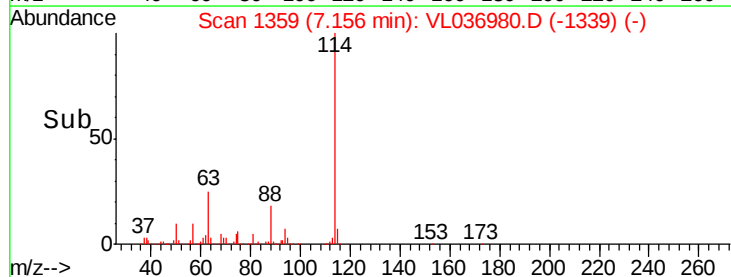
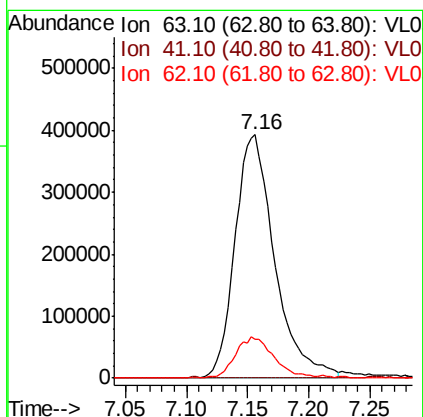
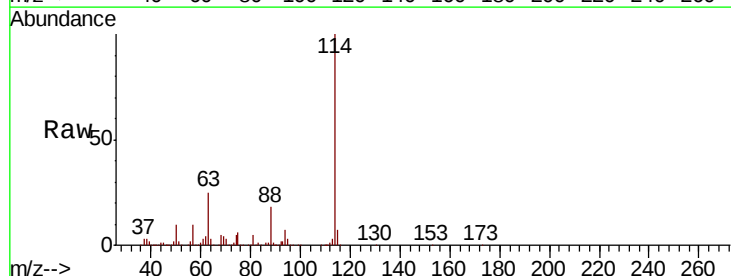
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

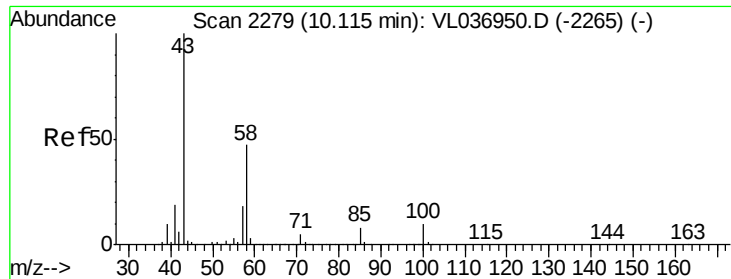
Tot Ion:	130	Resp:	44827
Ion	Ratio	Lower	Upper
130	100		
95	94.7	86.9	130.3
132	100.5	78.4	117.6
97	58.3	55.0	82.6



#39
 1,2-Dichloropropane
 Concen: 7.044 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.44 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

Tgt Ion:	63	Resp:	883819
Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.7	83.5#
62	15.6	56.2	84.4#

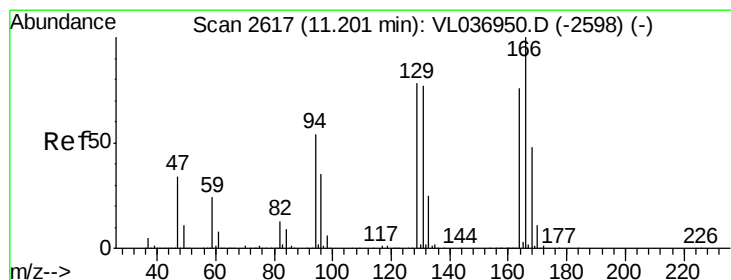
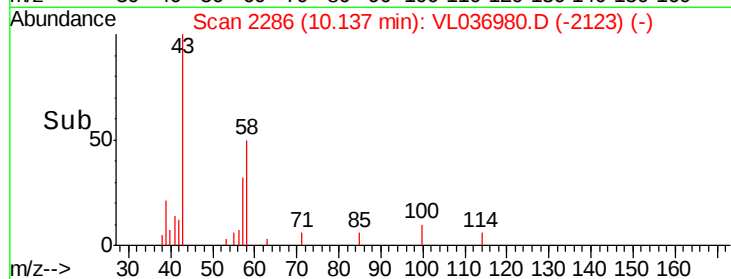
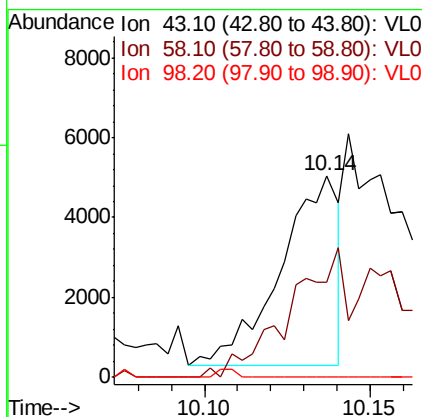
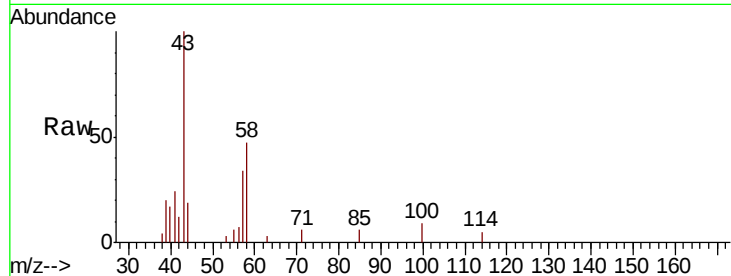




#51
2-Hexanone
Concen: 0.049 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. 0.02 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

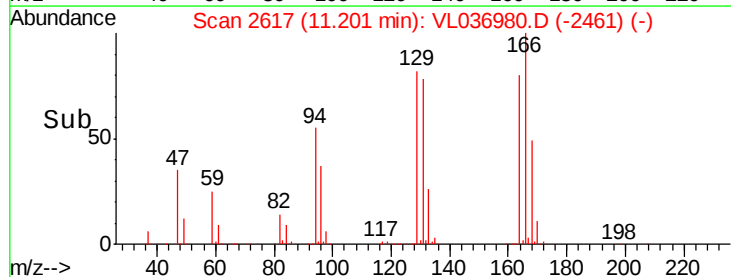
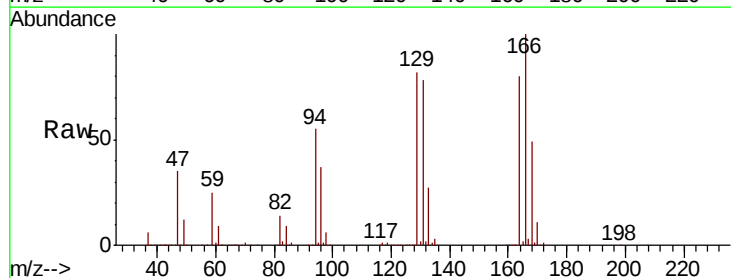
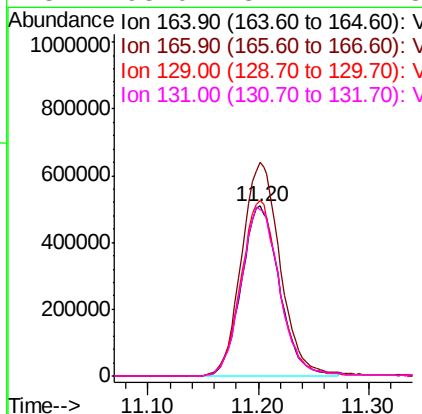
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

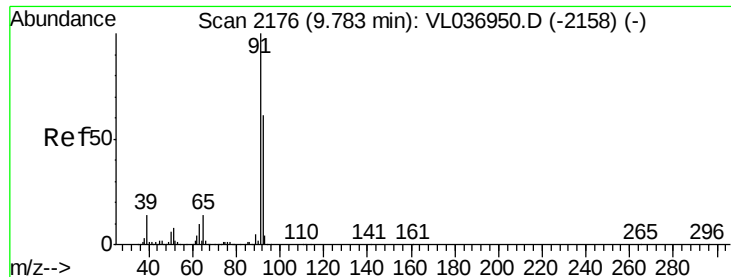
Tot Ion: 43 Resp: 5836
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.386 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. 0.00 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

Tgt Ion: 164 Resp: 1215659
Ion Ratio Lower Upper
164 100
166 125.6 105.5 158.3
129 102.9 81.8 122.8
131 98.0 81.2 121.8





#53

Toluene

Concen: 0.108 ppbv

RT: 9.78 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

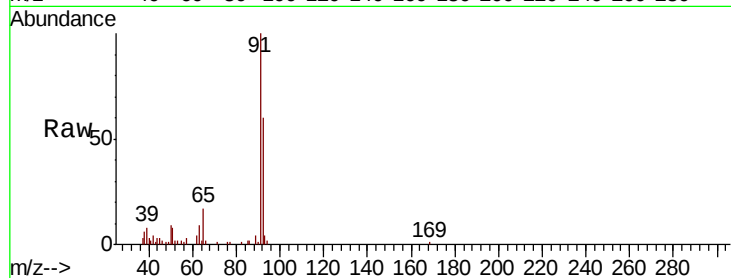
SV1DL

Tot Ion: 91 Resp: 42008

Ion Ratio Lower Upper

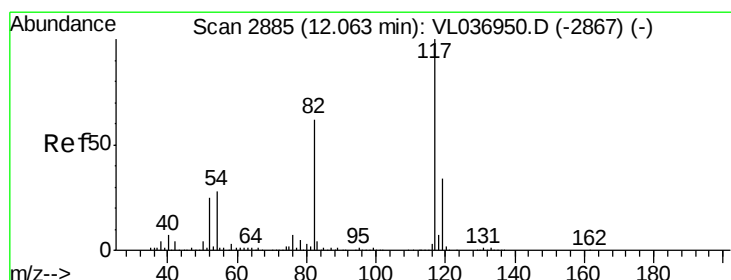
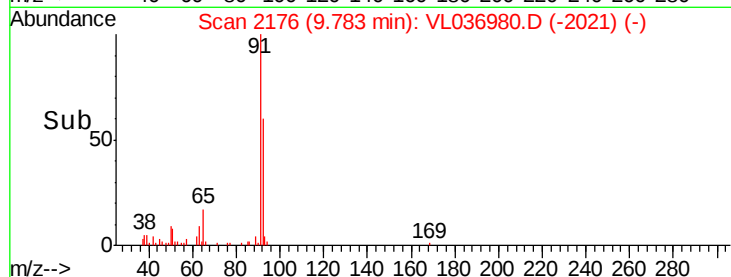
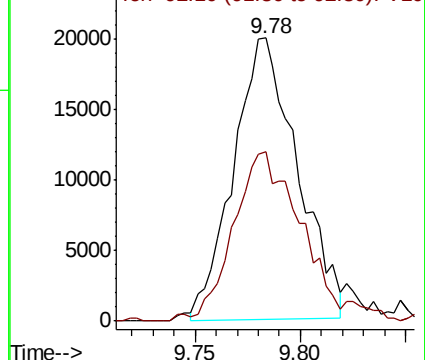
91 100

92 66.9 49.5 74.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

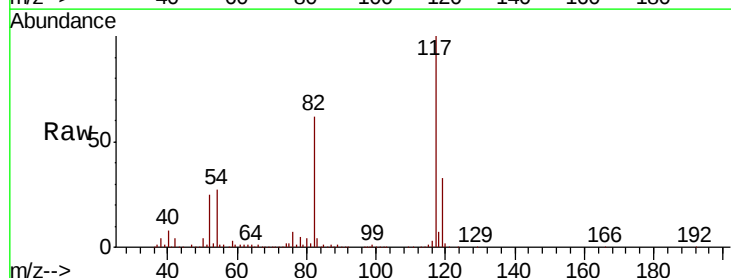
Tgt Ion: 117 Resp: 3460114

Ion Ratio Lower Upper

117 100

82 64.0 52.6 79.0

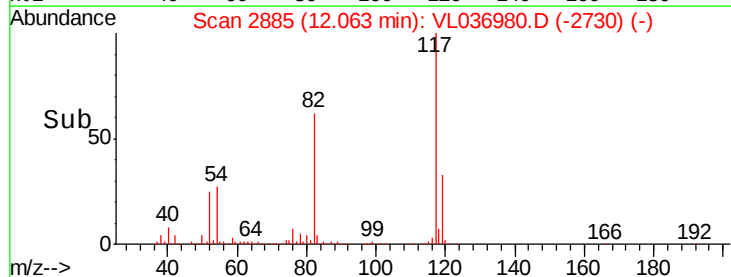
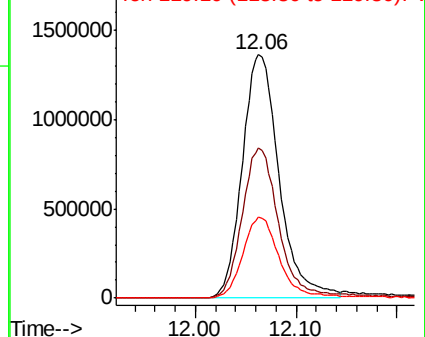
119 34.1 46.6 70.0#

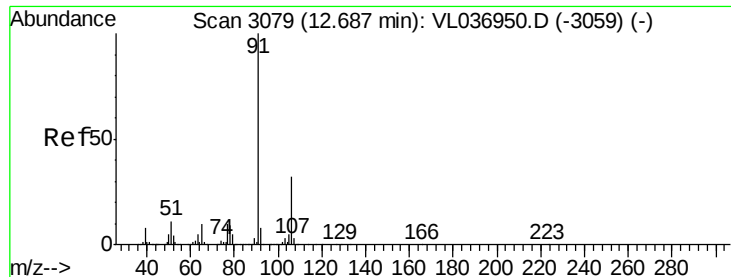


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.068 ppbv

RT: 12.69 min Scan# 3081

Delta R.T. 0.01 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

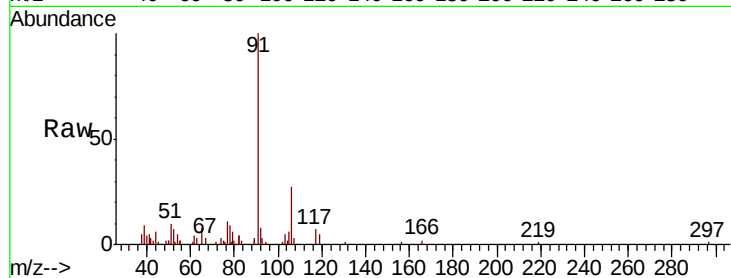
SV1DL

Tot Ion: 91 Resp: 33281

Ion Ratio Lower Upper

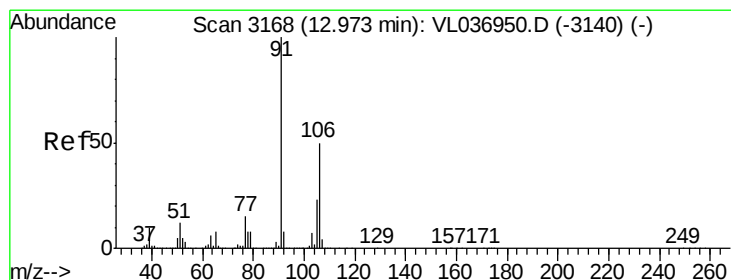
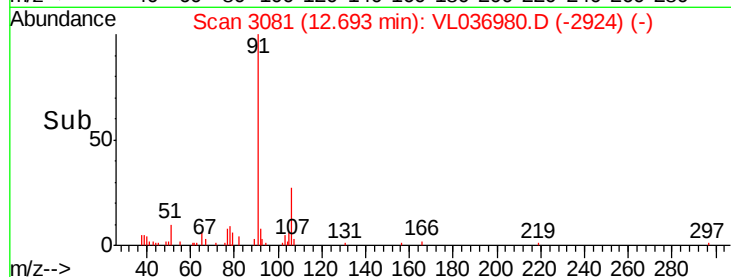
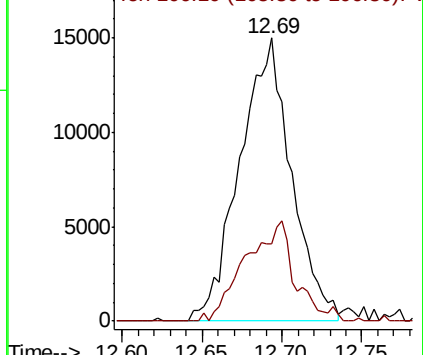
91 100

106 27.1 25.6 38.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.059 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VL036980.D

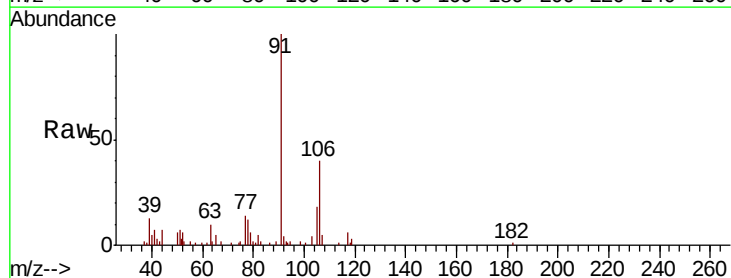
Acq: 18 May 2021 22:15

Tgt Ion: 91 Resp: 23920

Ion Ratio Lower Upper

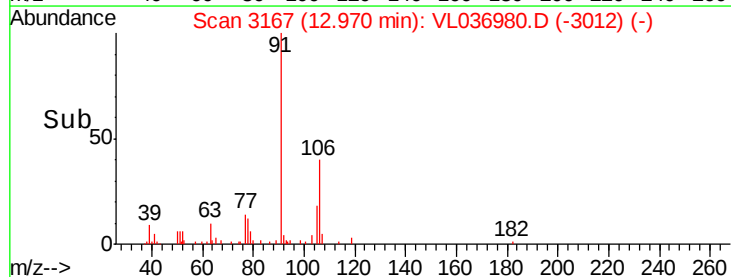
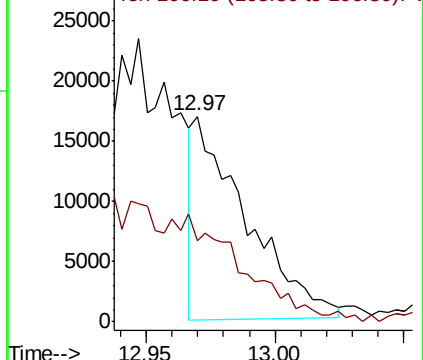
91 100

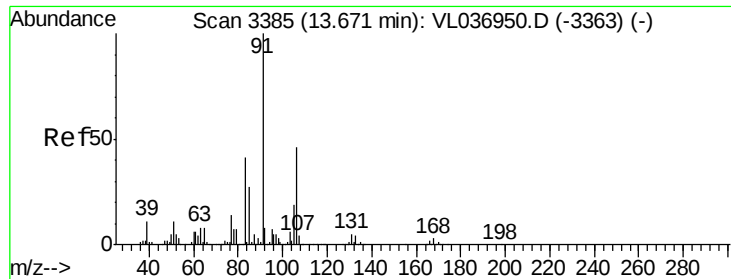
106 0.0 37.4 56.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

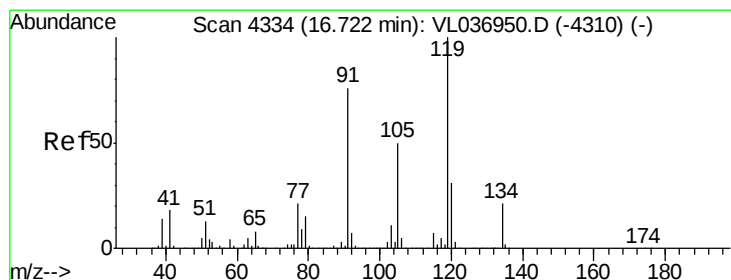
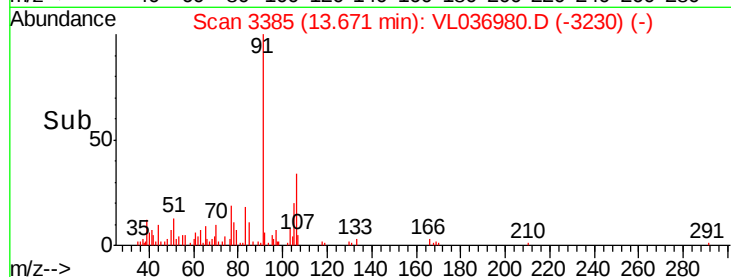
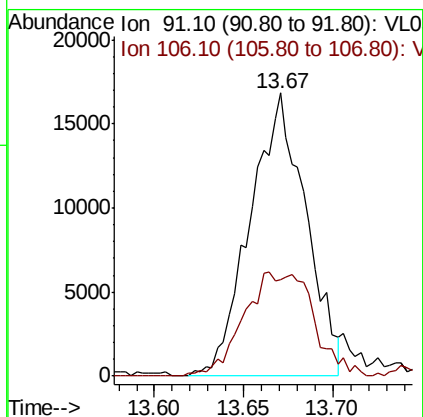
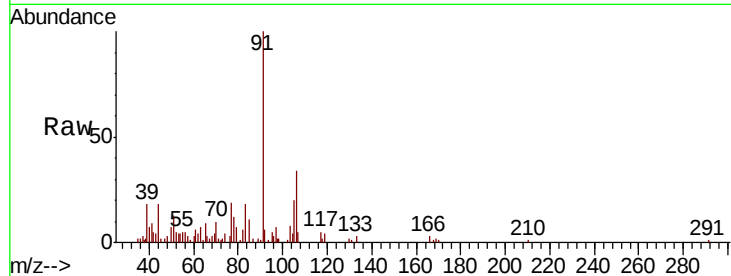




#60
o-Xylene
Concen: 0.095 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

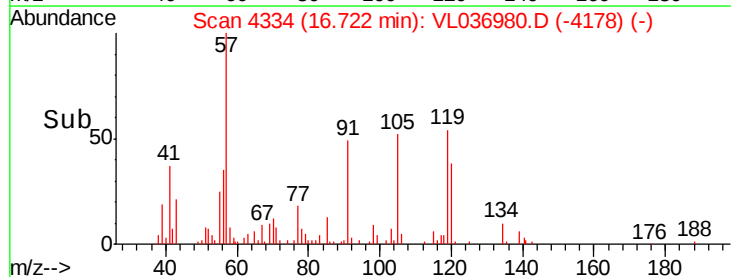
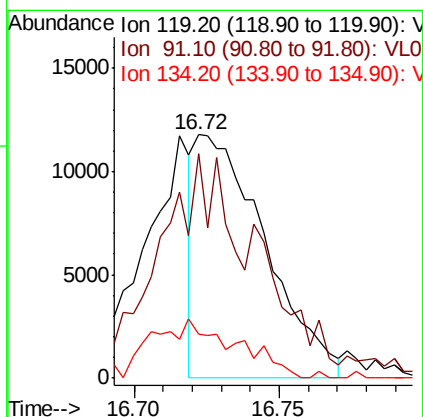
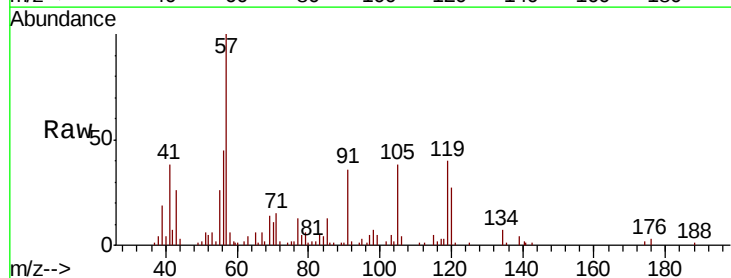
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

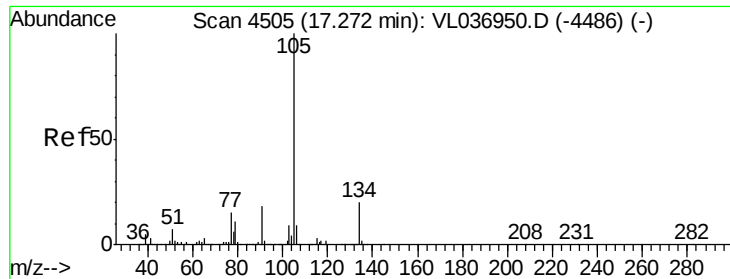
Tot Ion: 91 Resp: 36712
Ion Ratio Lower Upper
91 100
106 45.5 23.4 70.3



#65
tert-Butylbenzene
Concen: 0.039 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.00 min
Lab File: VL036980.D
Acq: 18 May 2021 22:15

Tgt Ion: 119 Resp: 19667
Ion Ratio Lower Upper
119 100
91 134.9 61.9 92.9#
134 30.7 16.2 24.4#





#67

sec-Butylbenzene

Concen: 0.053 ppbv

RT: 17.27 min Scan# 4505

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

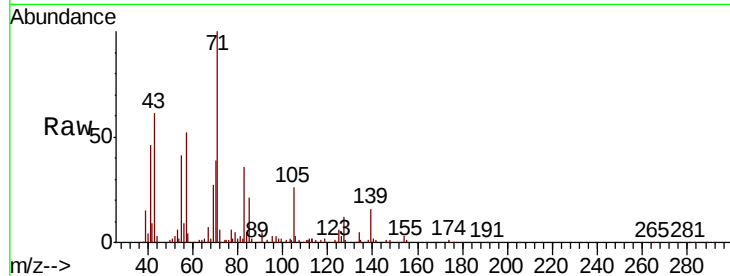
SV1DL

Tot Ion:105 Resp: 35971

Ion Ratio Lower Upper

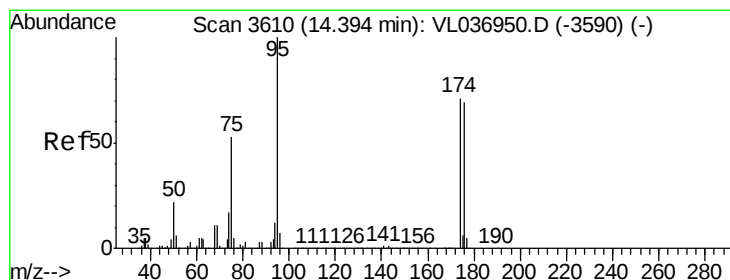
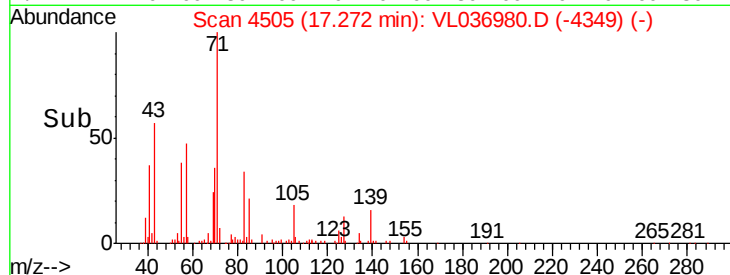
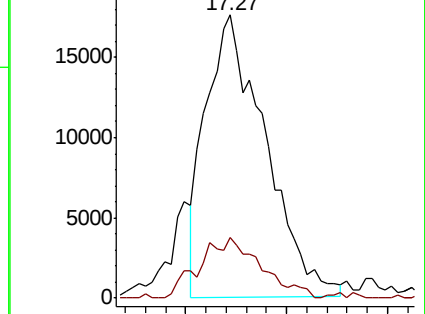
105 100

134 22.9 15.6 23.4



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: 9.950 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

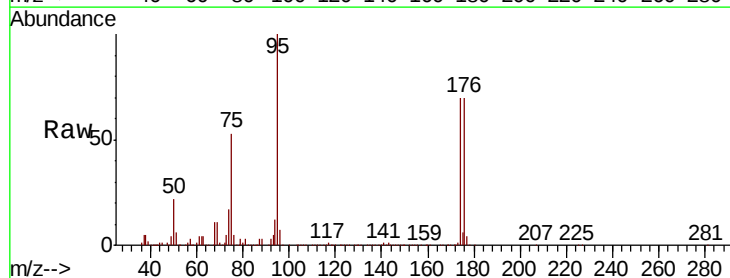
Tgt Ion: 95 Resp: 2586291

Ion Ratio Lower Upper

95 100

174 76.4 58.4 87.6

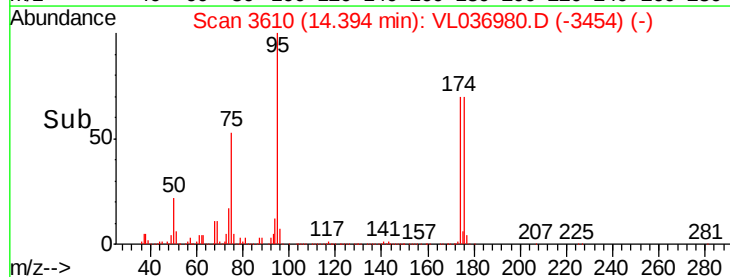
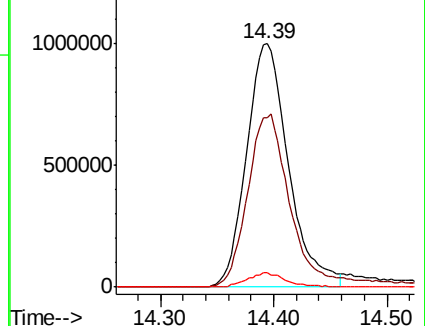
175 5.8 4.4 6.6

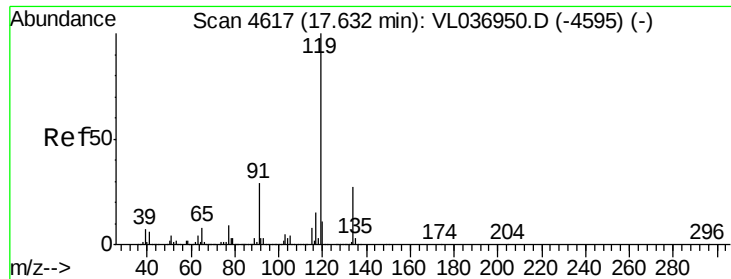


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.041 ppbv

RT: 17.63 min Scan# 4616

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

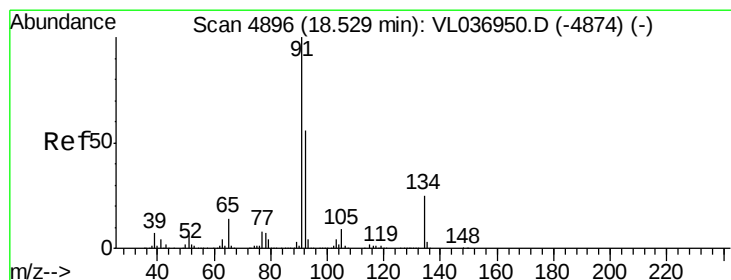
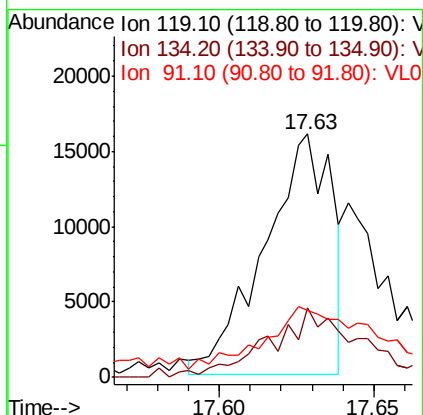
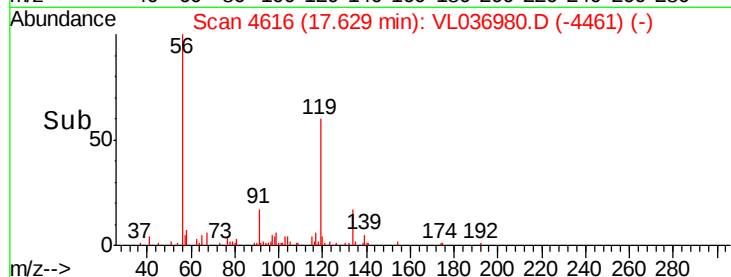
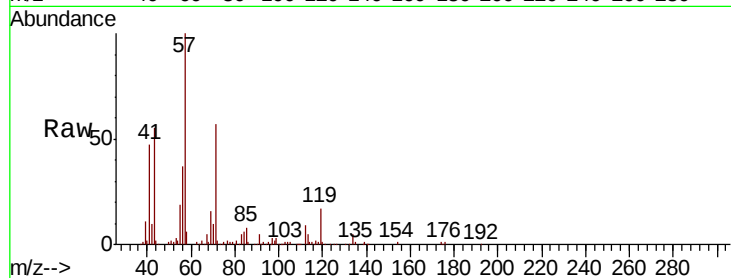
Tot Ion:119 Resp: 24183

Ion Ratio Lower Upper

119 100

134 40.2 21.2 31.8#

91 55.3 22.2 33.4#



#70

n-Butylbenzene

Concen: 0.032 ppbv

RT: 18.53 min Scan# 4895

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

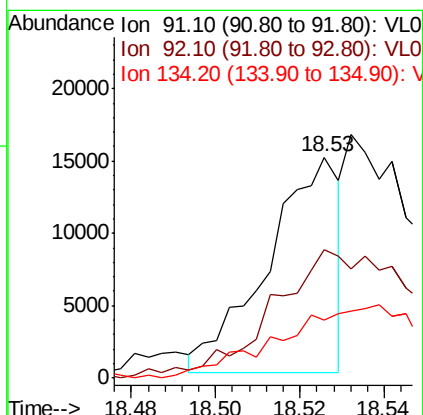
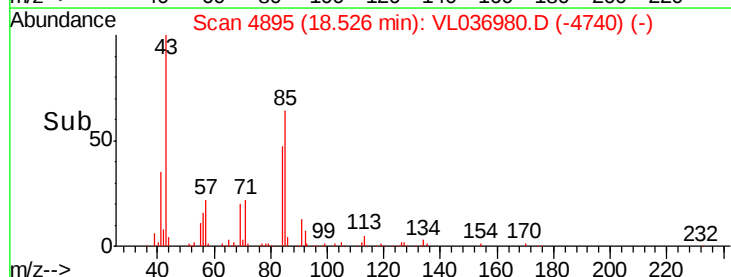
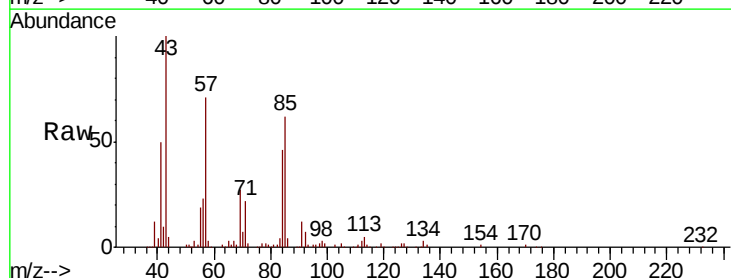
Tgt Ion: 91 Resp: 17607

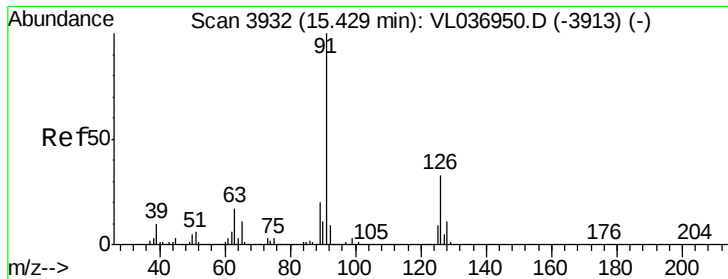
Ion Ratio Lower Upper

91 100

92 134.8 44.6 66.8#

134 0.0 20.2 30.2#





#71

2-Chlorotoluene

Concen: 0.042 ppbv

RT: 15.43 min Scan# 3932

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

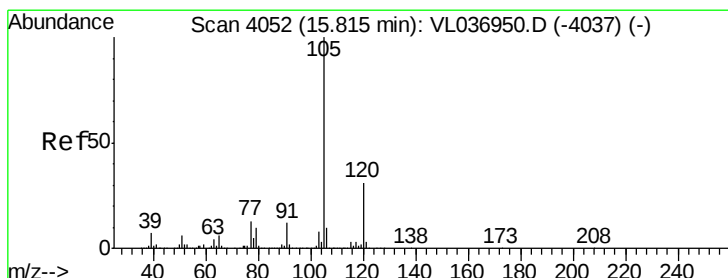
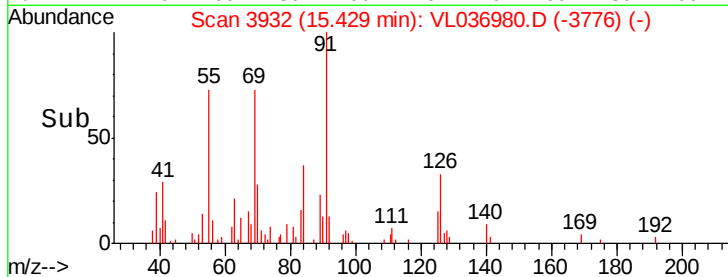
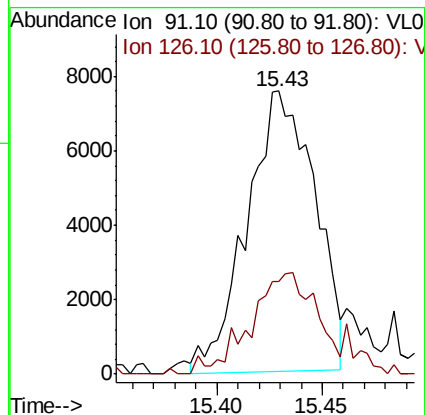
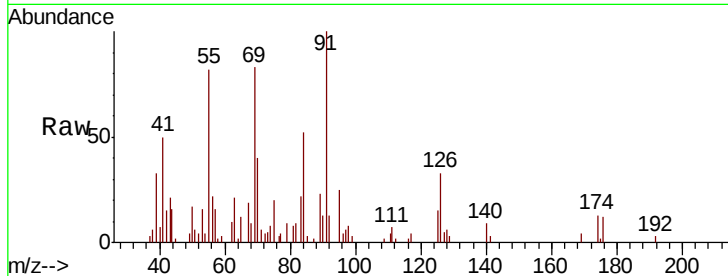
SV1DL

Tot Ion: 91 Resp: 16916

Ion Ratio Lower Upper

91 100

126 39.3 13.1 52.5



#72

4-Ethyltoluene

Concen: 0.037 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Tgt Ion: 105 Resp: 17045

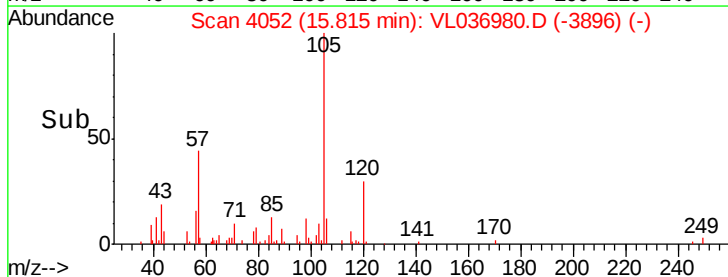
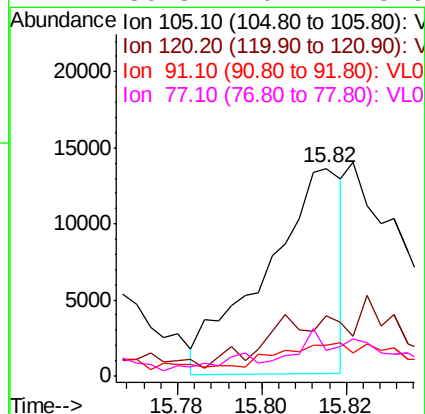
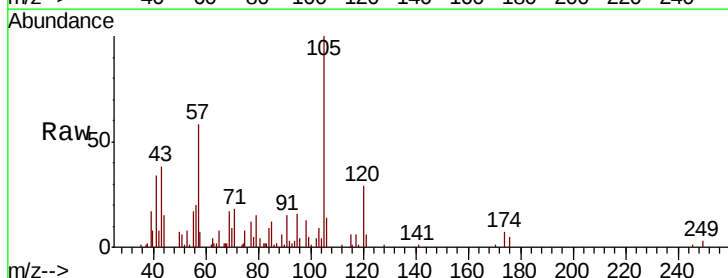
Ion Ratio Lower Upper

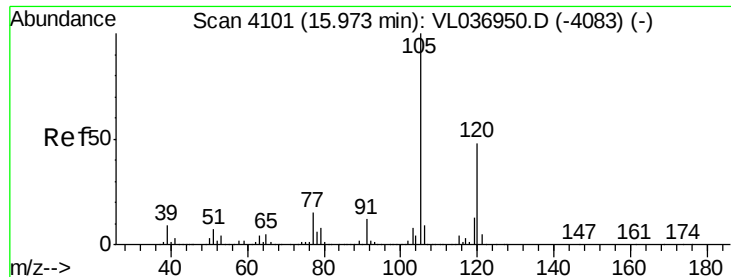
105 100

120 0.0 24.6 37.0#

91 0.0 9.8 14.6#

77 36.8 10.4 15.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.044 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. 0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Instrument :

MSVOA_L

ClientSampleId :

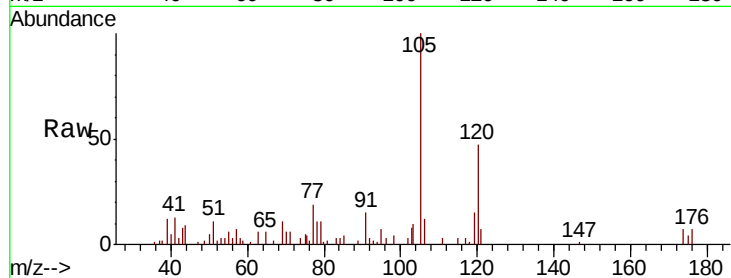
SV1DL

Tot Ion:105 Resp: 19032

Ion Ratio Lower Upper

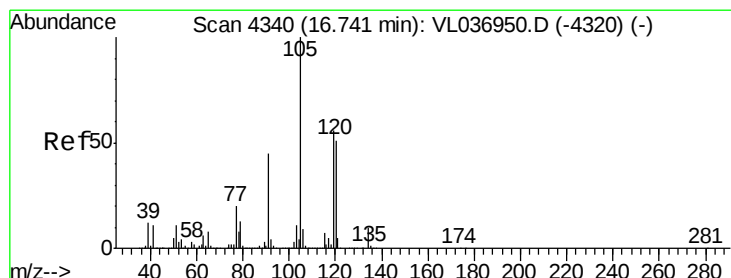
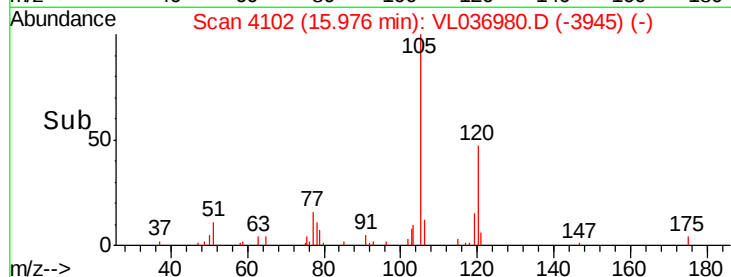
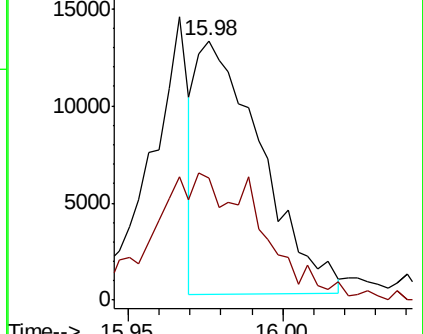
105 100

120 51.4 38.6 58.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.138 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. 0.00 min

Lab File: VL036980.D

Acq: 18 May 2021 22:15

Tgt Ion:105 Resp: 61129

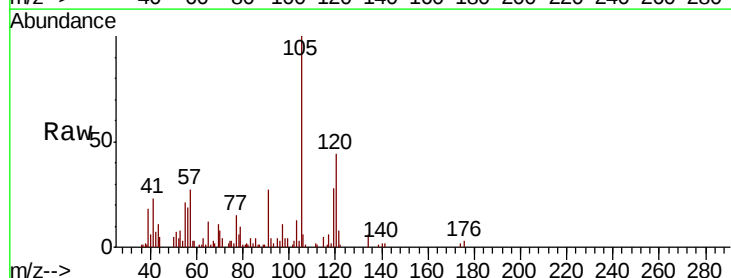
Ion Ratio Lower Upper

105 100

120 42.8 40.6 61.0

91 24.6 37.4 56.0#

77 13.1 16.2 24.4#

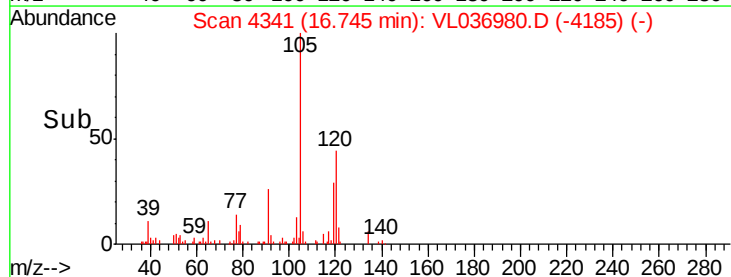
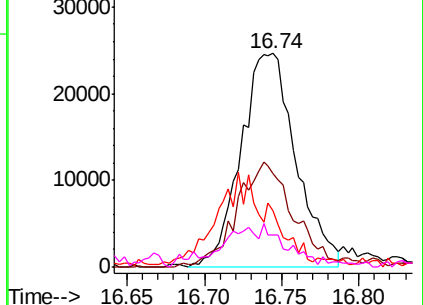


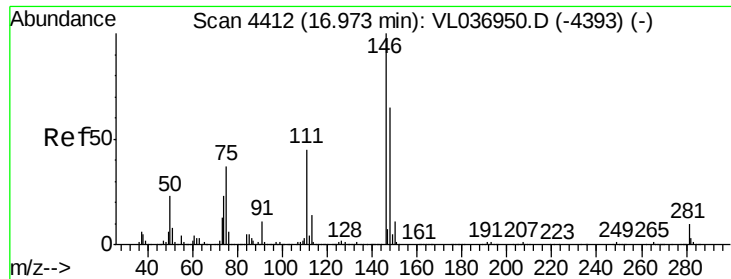
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75
 1,3-Dichlorobenzene
 Concen: 0.033 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T. 0.00 min
 Lab File: VL036980.D
 Acq: 18 May 2021 22:15

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.2	66.6#
148	109.6	32.3	96.8#

