

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036711.D
 Acq On : 6 Apr 2021 23:47
 Operator : SY/AP
 Sample : M1977-07
 Misc : 400mL/MSVOA L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-4(2021)

Quant Time: Apr 07 04:29:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

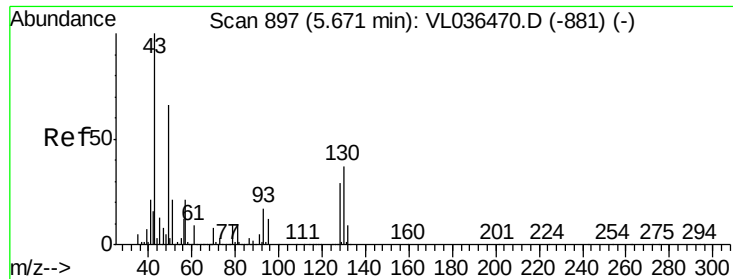
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1234830	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3111244	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2801499	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2194577	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	44428	0.221	ppbv	92
4) Chloromethane	3.14	50	29137	0.358	ppbv	95
9) Propene	3.02	41	395176	5.373	ppbv #	73
10) Heptane	8.12	43	265689	1.418	ppbv	97
11) Trichlorofluoromethane	3.95	101	96287	0.469	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4324	0.033	ppbv #	1
13) Ethanol	3.61	45	593155	67.723	ppbv	92
15) Acetone	3.84	43	2389096	19.657	ppbv	93
16) 1,3-Butadiene	3.30	39	85863	1.015	ppbv #	18
17) tert-Butyl alcohol	4.31	59	13678	0.129	ppbv #	72
19) Isopropyl Alcohol	3.98	45	616103	9.215	ppbv	100
20) Methylene Chloride	4.34	84	1248538	21.941	ppbv	95
21) Allyl Chloride	4.38	41	5061	0.052	ppbv #	1
23) Vinyl Acetate	5.06	43	33682	0.162	ppbv #	1
25) Ethyl Acetate	5.69	43	812989	2.814	ppbv #	78
26) Hexane	5.69	57	1110088	8.279	ppbv #	47
27) Carbon Disulfide	4.55	76	102809	0.778	ppbv #	91
29) Chloroform	5.76	83	26470	0.123	ppbv #	77
34) 2-Butanone	5.25	43	228720	1.506	ppbv	96
38) Trichloroethene	7.83	130	31077	0.278	ppbv	96
39) 1,2-Dichloropropane	7.18	63	815134	7.003	ppbv #	24
41) Tetrahydrofuran	5.98	42	5922	0.085	ppbv #	43
44) 2,2,4-Trimethylpentane	7.87	57	119718	0.237	ppbv #	73
51) 2-Hexanone	10.15	43	7467	0.067	ppbv #	30
52) Tetrachloroethene	11.23	164	3201544	30.300	ppbv	96
53) Toluene	9.81	91	260869	0.854	ppbv	99
58) Ethyl Benzene	12.71	91	19482	0.048	ppbv	100
59) m/p-Xylene	13.00	91	30577	0.086	ppbv #	32
60) o-Xylene	13.70	91	27137	0.079	ppbv #	18
69) p-Isopropyltoluene	17.66	119	68464	0.155	ppbv	94
72) 4-Ethyltoluene	15.85	105	22863	0.061	ppbv #	57
73) 1,3,5-Trimethylbenzene	16.00	105	36527	0.104	ppbv #	69
74) 1,2,4-Trimethylbenzene	16.77	105	128047	0.340	ppbv #	73

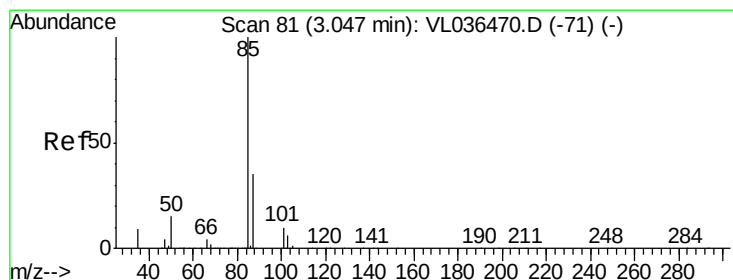
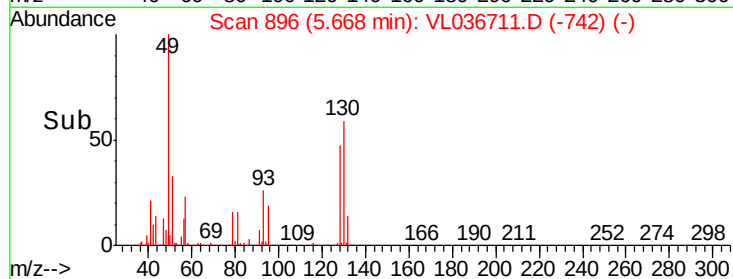
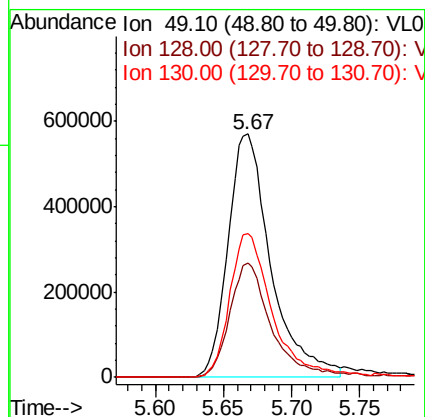
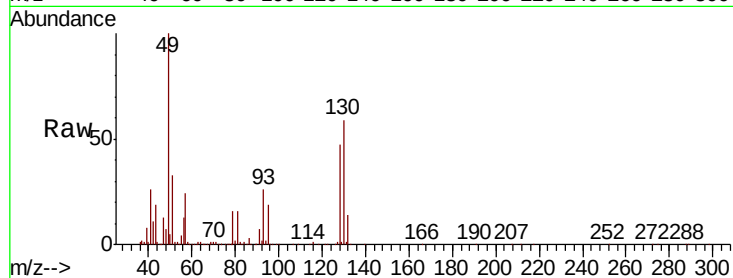
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036711.D
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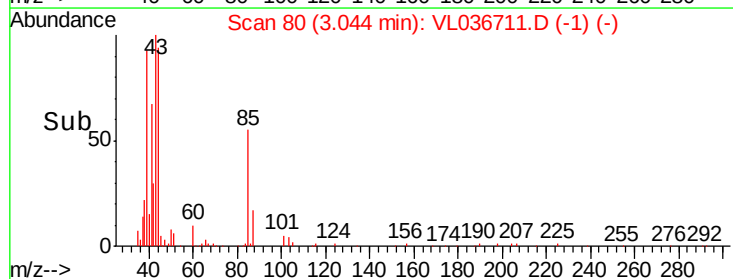
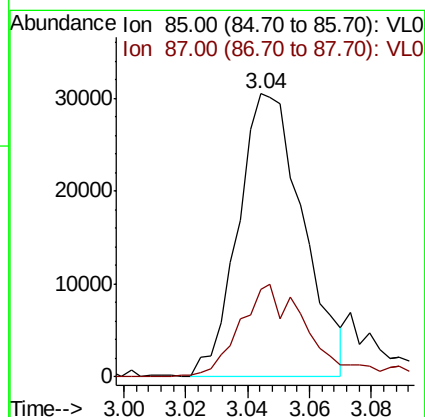
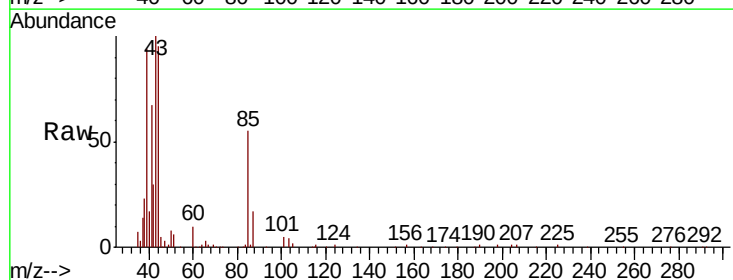
Instrument :
MSVOA_L
ClientSampleId :
UP-SG-4(2021)

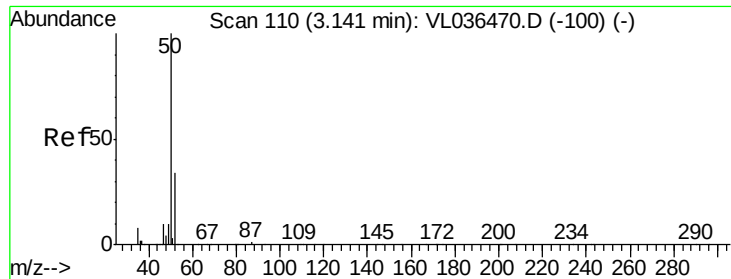
Tot Ion: 49 Resp: 1234830
Ion Ratio Lower Upper
49 100
128 48.1 23.5 70.6
130 60.4 29.1 87.4



#2
Dichlorodifluoromethane
Concen: 0.221 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion: 85 Resp: 44428
Ion Ratio Lower Upper
85 100
87 30.4 27.8 41.8





#4

Chloromethane

Concen: 0.358 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

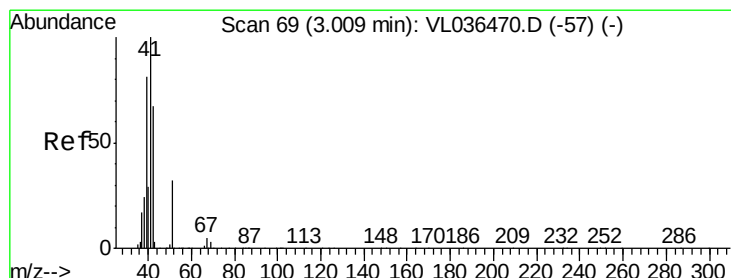
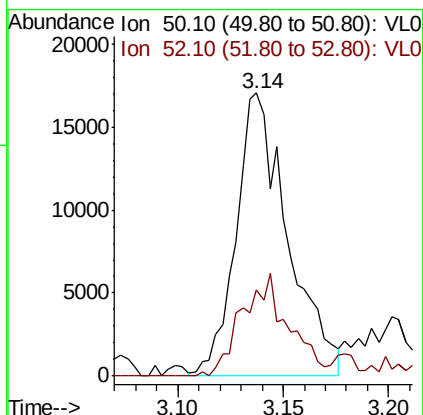
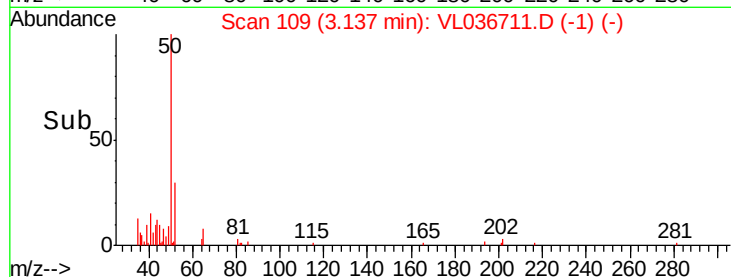
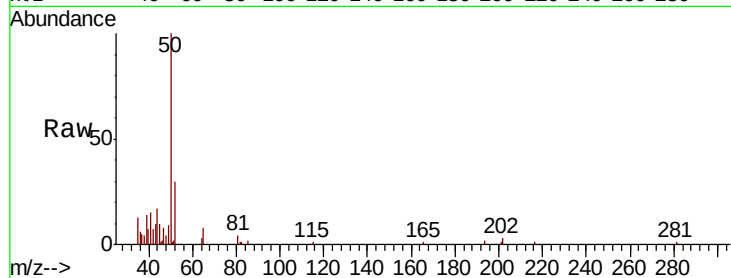
UP-SG-4(2021)

Tot Ion: 50 Resp: 29137

Ion Ratio Lower Upper

50 100

52 30.8 27.0 40.6



#9

Propene

Concen: 5.373 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036711.D

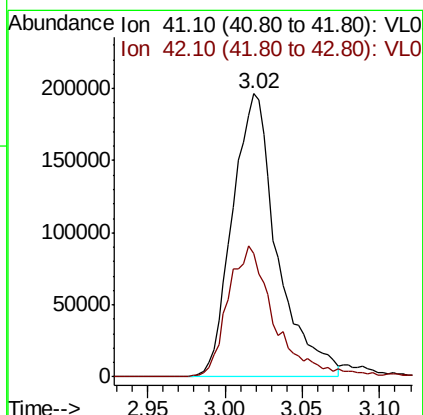
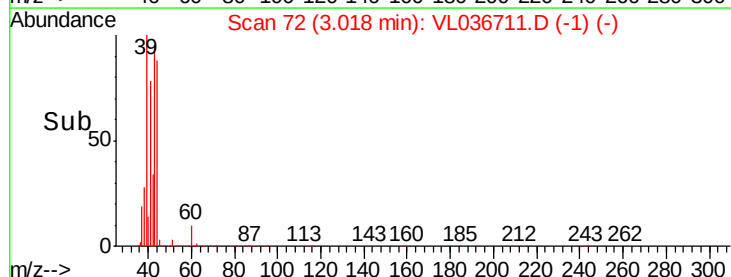
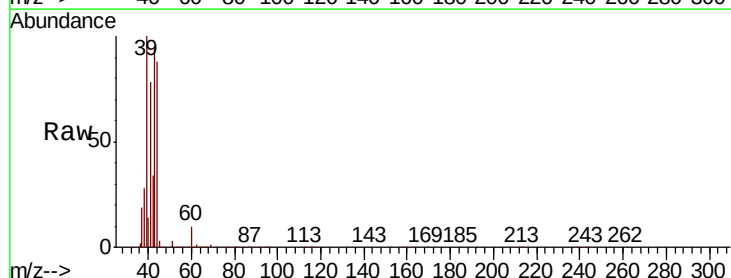
Acq: 6 Apr 2021 23:47

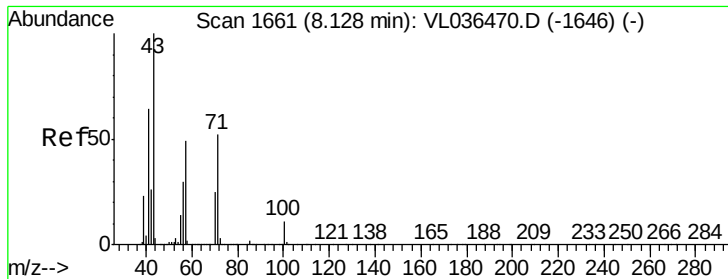
Tgt Ion: 41 Resp: 395176

Ion Ratio Lower Upper

41 100

42 48.6 57.0 85.4#





#10

Heptane

Concen: 1.418 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

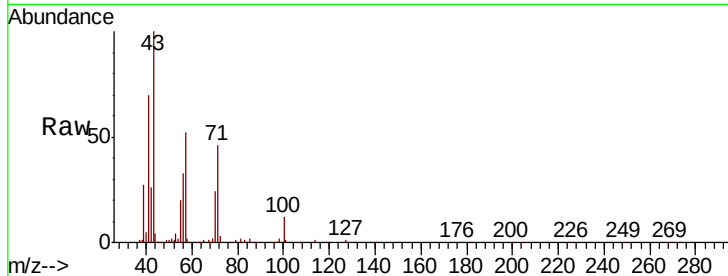
UP-SG-4(2021)

Tot Ion: 43 Resp: 265689

Ion Ratio Lower Upper

43 100

57 50.8 39.0 58.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.12

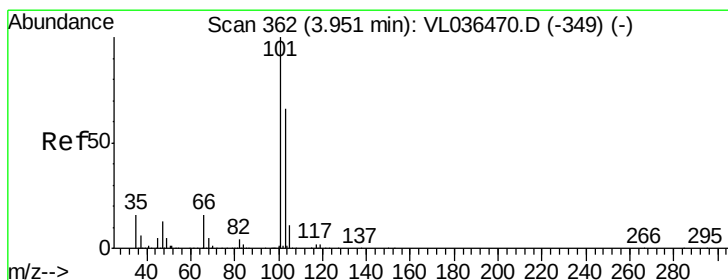
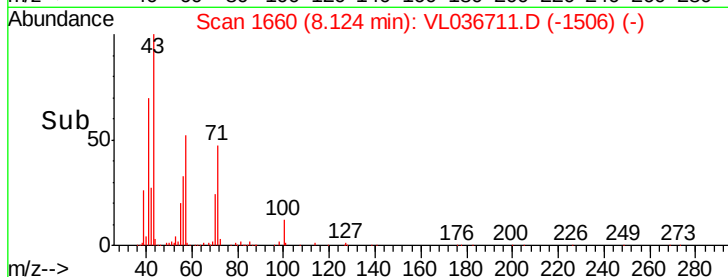
150000

100000

50000

0

Time-->



#11

Trichlorofluoromethane

Concen: 0.469 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL036711.D

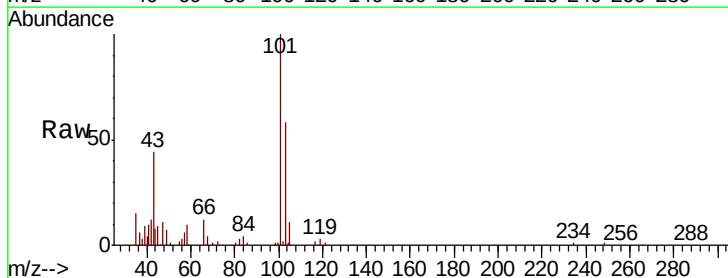
Acq: 6 Apr 2021 23:47

Tgt Ion:101 Resp: 96287

Ion Ratio Lower Upper

101 100

103 57.9 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.95

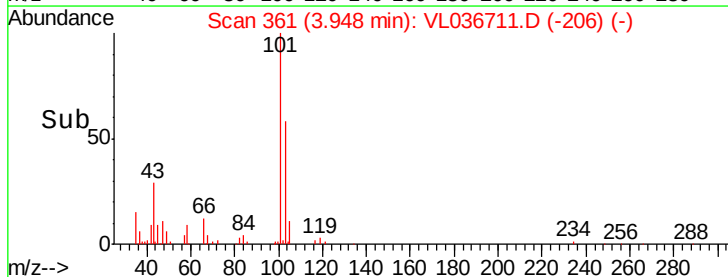
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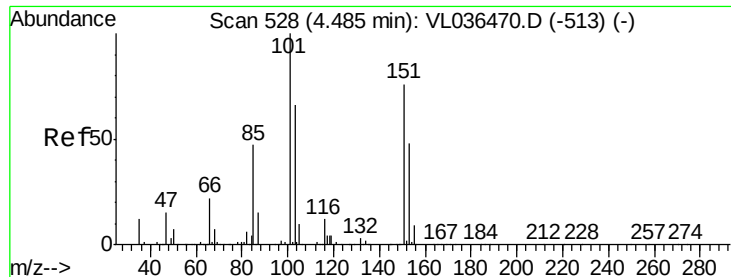
40000

20000

0

Time-->





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.033 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

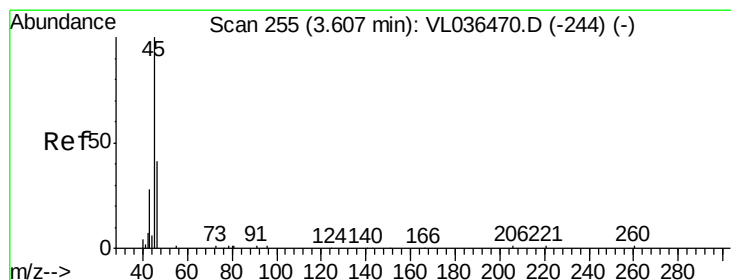
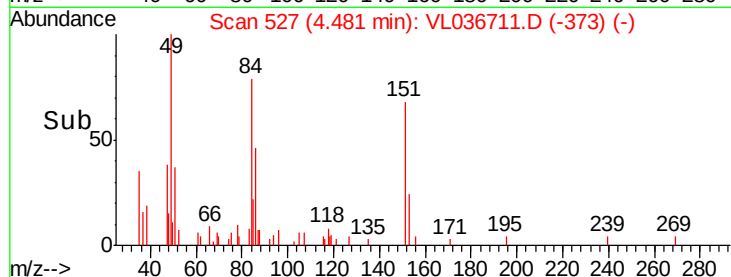
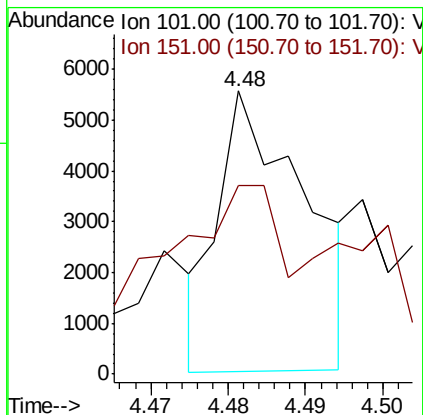
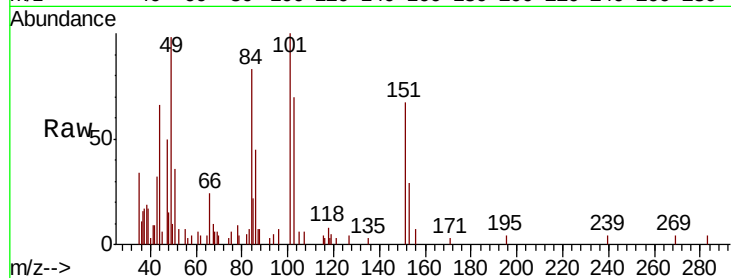
UP-SG-4(2021)

Tot Ion:101 Resp: 4324

Ion Ratio Lower Upper

101 100

151 186.4 60.9 91.3#



#13

Ethanol

Concen: 67.723 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL036711.D

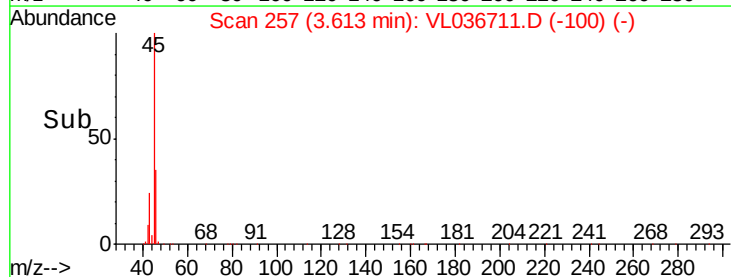
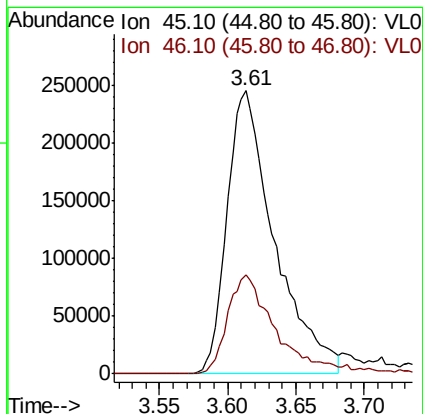
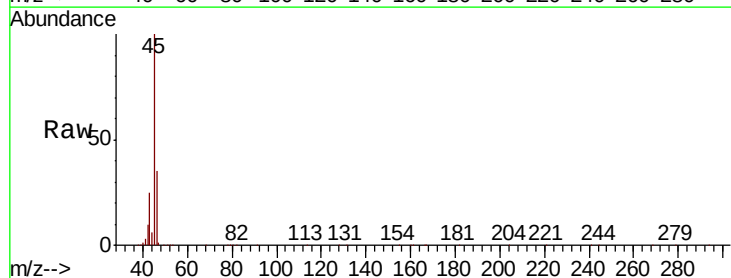
Acq: 6 Apr 2021 23:47

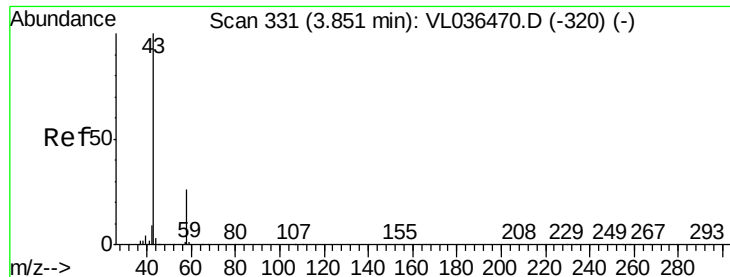
Tgt Ion: 45 Resp: 593155

Ion Ratio Lower Upper

45 100

46 36.2 16.6 66.2

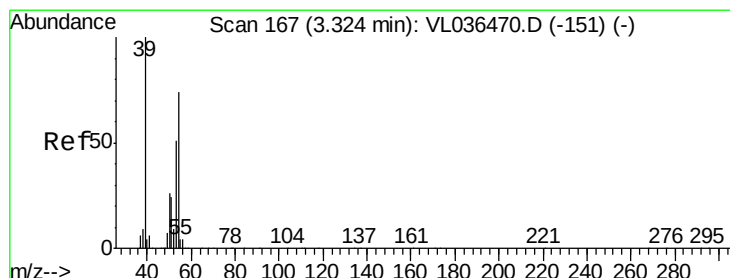
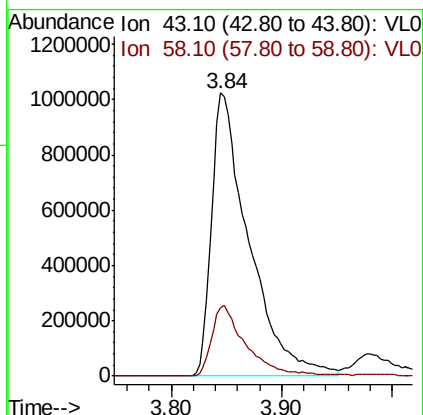
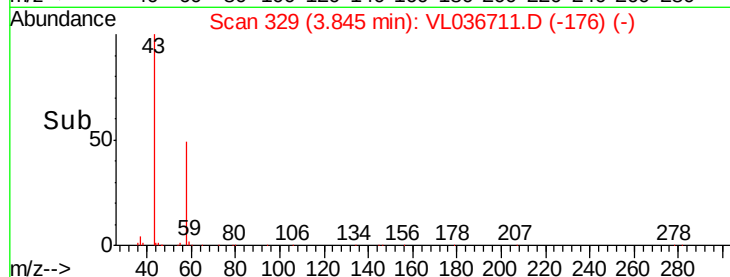
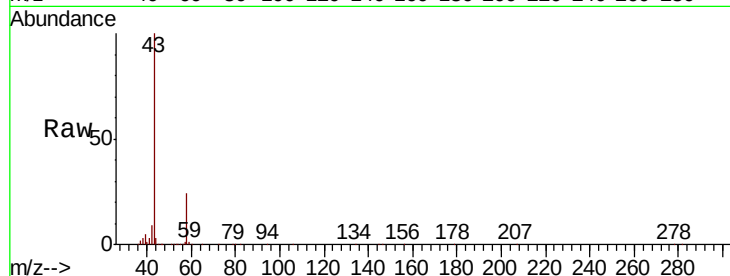




#15
Acetone
Concen: 19.657 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

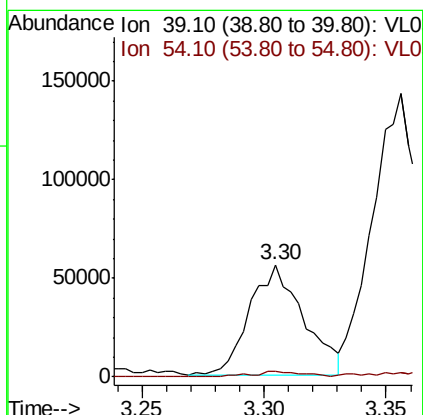
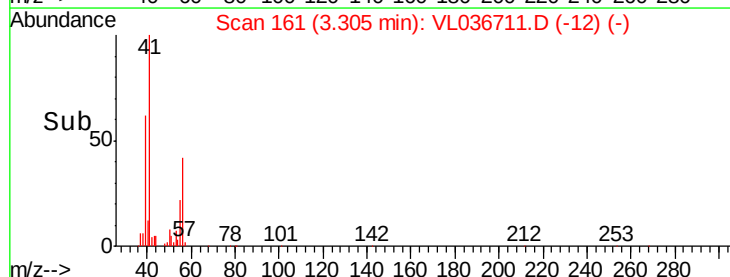
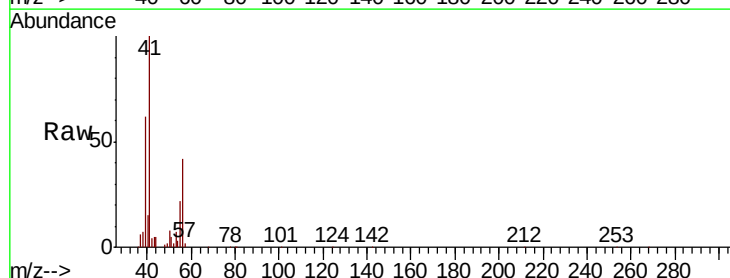
Instrument :
MSVOA_L
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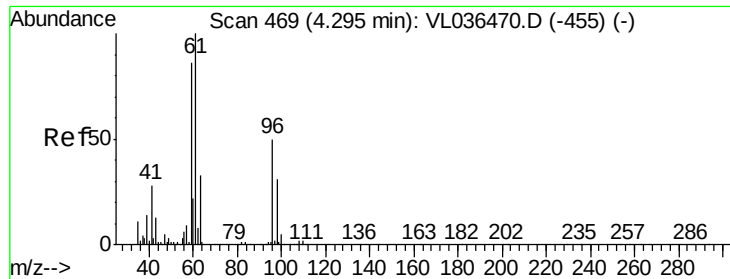
Tot Ion: 43 Resp: 2389096
Ion Ratio Lower Upper
43 100
58 23.1 21.2 31.8



#16
1,3-Butadiene
Concen: 1.015 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion: 39 Resp: 85863
Ion Ratio Lower Upper
39 100
54 4.6 58.8 88.2#





#17

tert-Butyl alcohol

Concen: 0.129 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.02 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

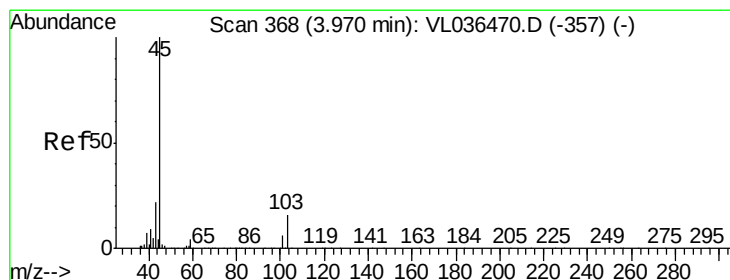
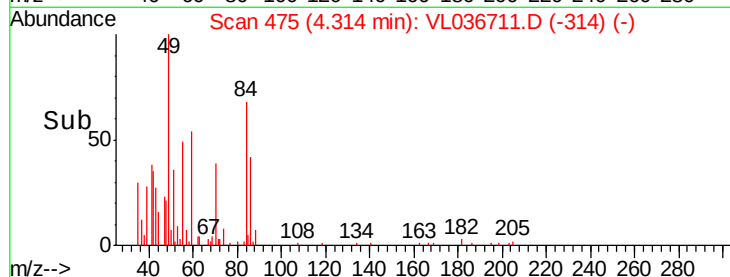
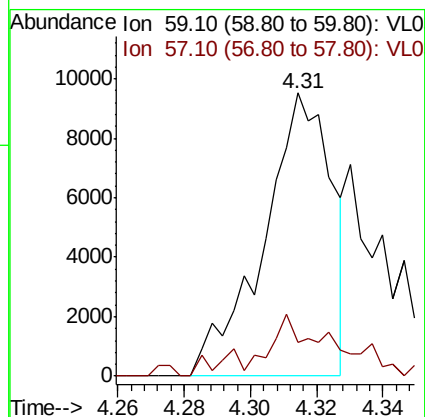
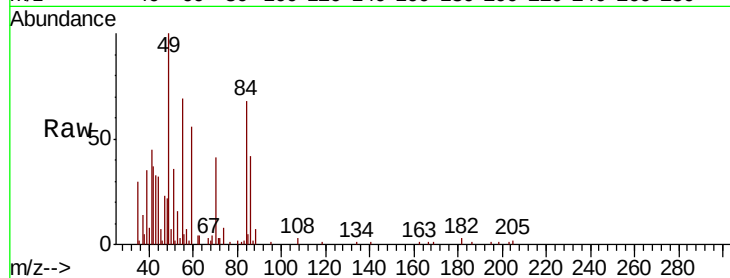
UP-SG-4(2021)

Tot Ion: 59 Resp: 13678

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#19

Isopropyl Alcohol

Concen: 9.215 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036711.D

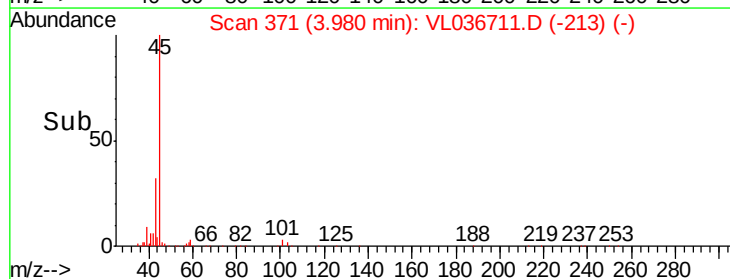
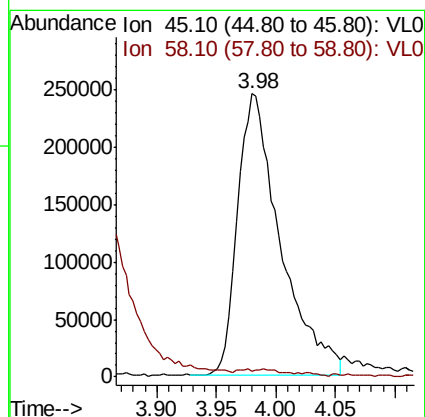
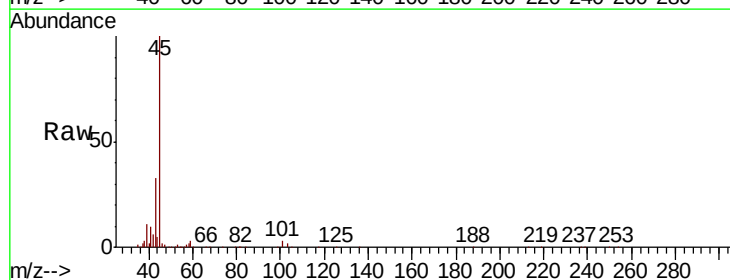
Acq: 6 Apr 2021 23:47

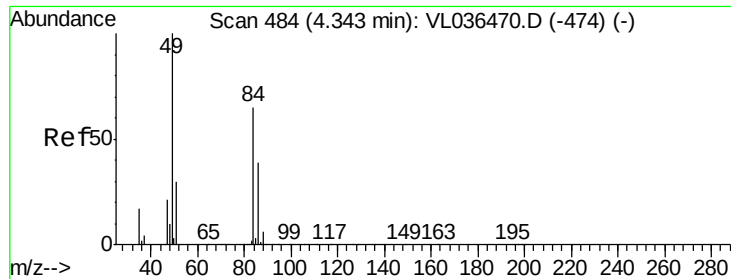
Tgt Ion: 45 Resp: 616103

Ion Ratio Lower Upper

45 100

58 3.7 2.9 4.3

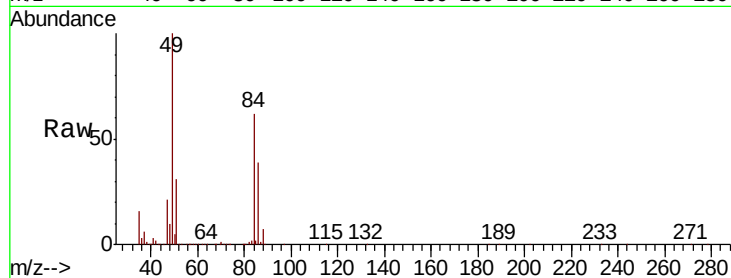




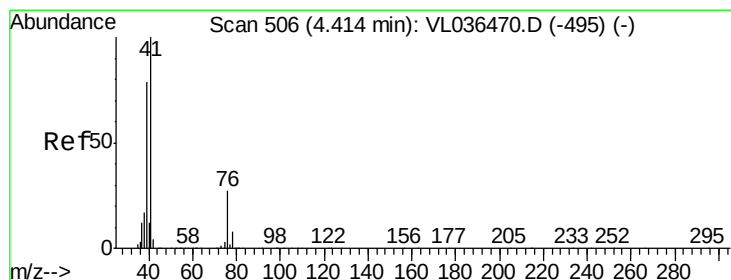
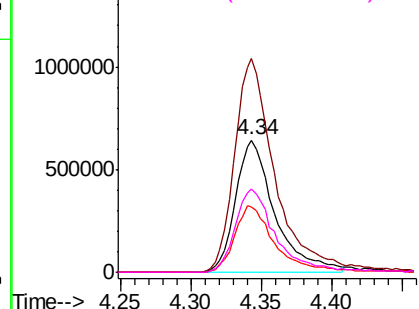
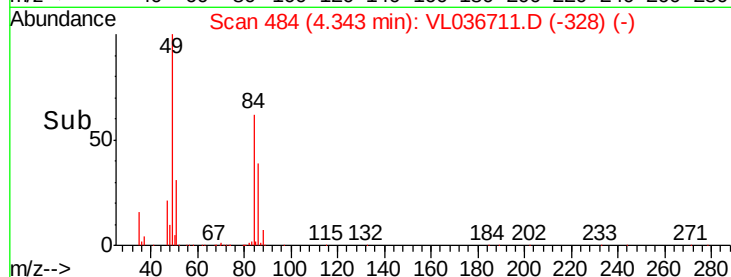
#20
Methylene Chloride
Concen: 21.941 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-4(2021)

Tot Ion: 84 Resp: 1248538
Ion Ratio Lower Upper
84 100
49 161.8 122.9 184.3
51 49.2 36.9 55.3
86 63.0 48.2 72.4

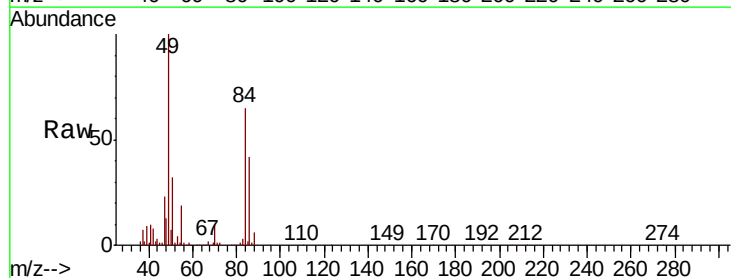


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

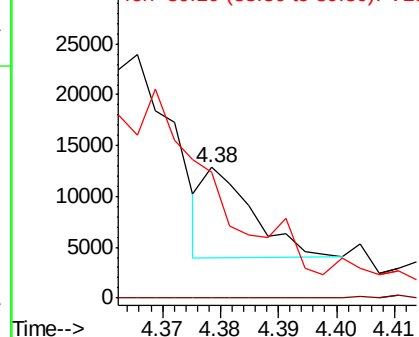
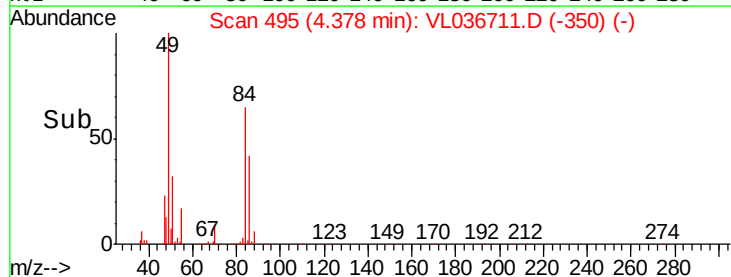


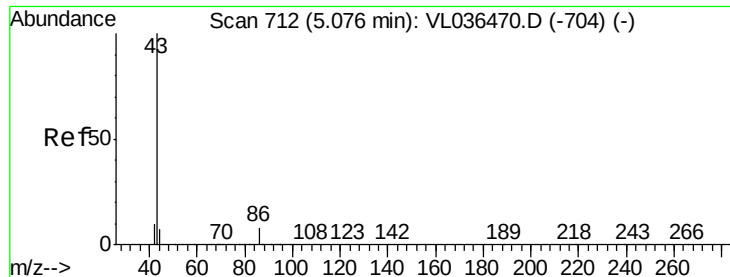
#21
Allyl Chloride
Concen: 0.052 ppbv
RT: 4.38 min Scan# 495
Delta R.T. -0.04 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion: 41 Resp: 5061
Ion Ratio Lower Upper
41 100
76 0.0 22.9 34.3#
39 686.3 67.3 100.9#



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

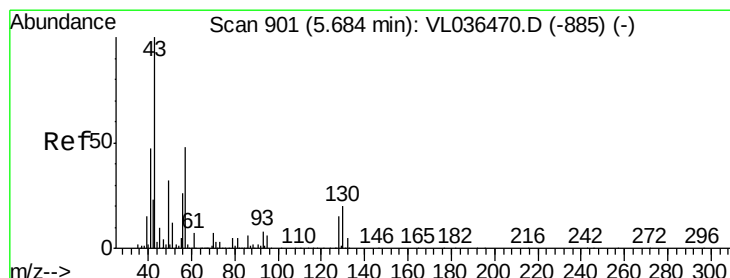
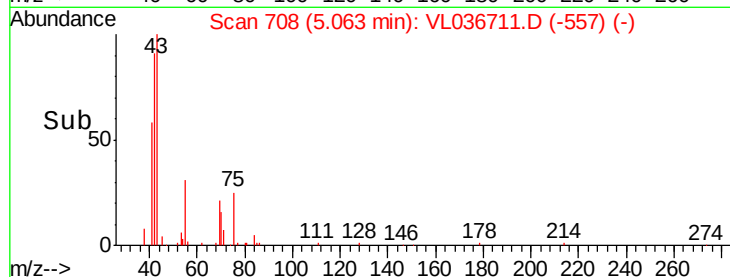
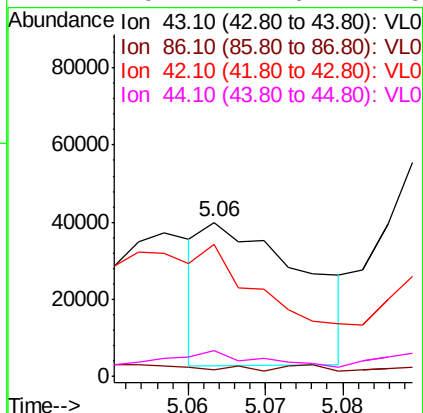
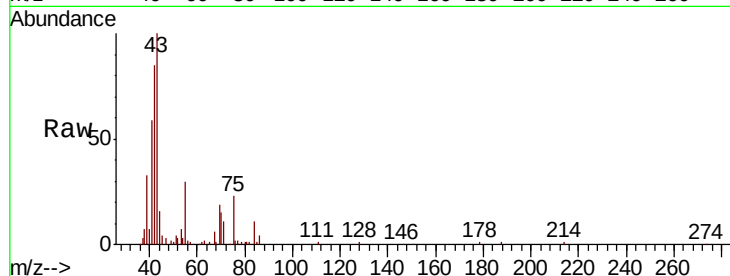




#23
 Vinyl Acetate
 Concen: 0.162 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VL036711.D
 Acq: 6 Apr 2021 23:47

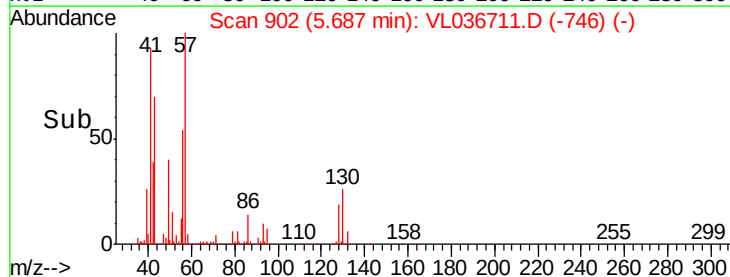
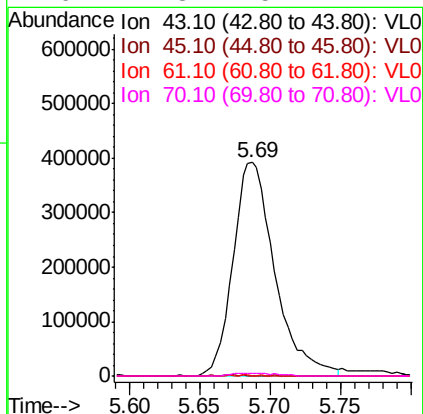
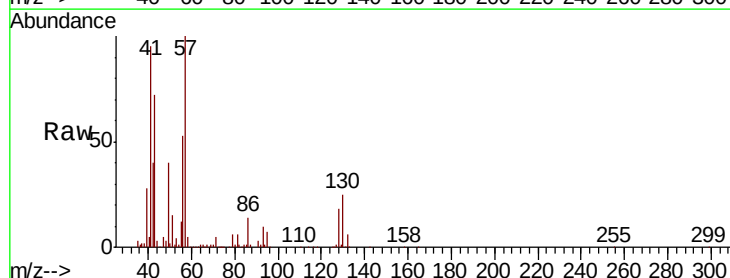
Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-4(2021)

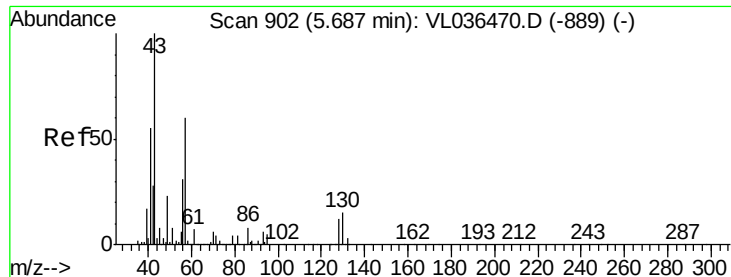
Tot Ion:	43	Resp:	33682
Ion	Ratio	Lower	Upper
43	100		
86	1.4	5.4	8.0#
42	151.6	8.5	12.7#
44	19.7	4.6	7.0#



#25
 Ethyl Acetate
 Concen: 2.814 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: VL036711.D
 Acq: 6 Apr 2021 23:47

Tgt Ion:	43	Resp:	812989
Ion	Ratio	Lower	Upper
43	100		
45	0.7	7.9	11.9#
61	0.4	7.4	11.2#
70	1.8	5.1	7.7#



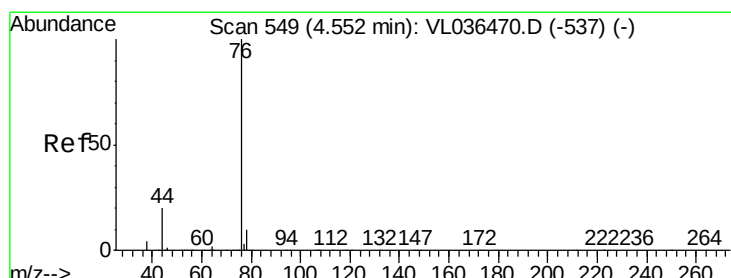
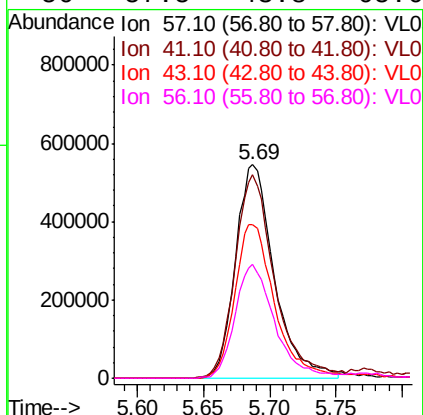
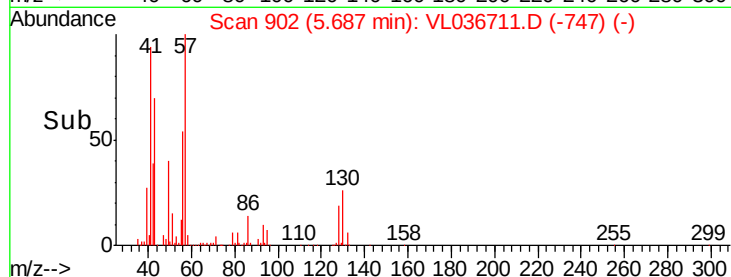
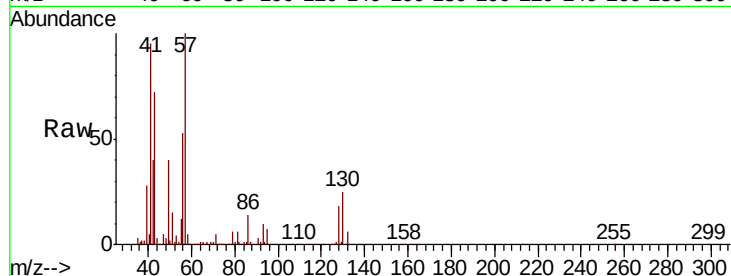


#26
Hexane
Concen: 8.279 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-4(2021)

Tot Ion: 57 Resp: 1110088

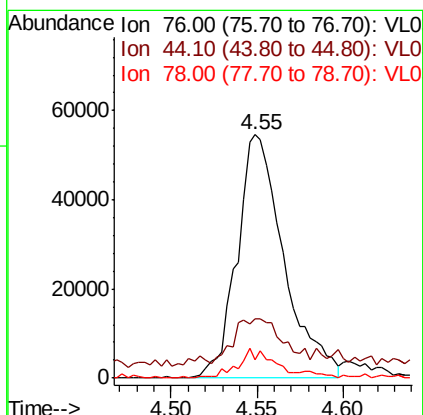
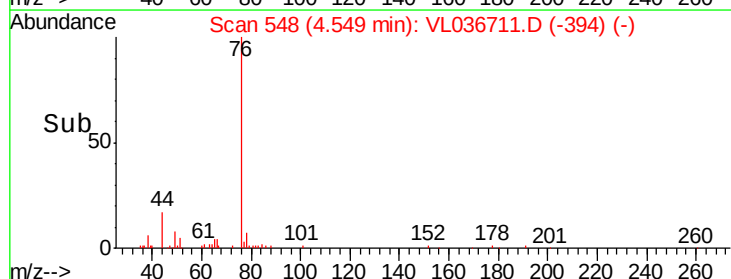
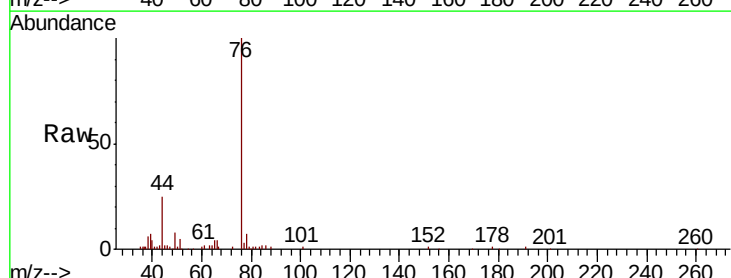
Ion	Ratio	Lower	Upper
57	100		
41	98.0	77.2	115.8
43	76.3	173.8	260.6#
56	57.5	43.8	65.6

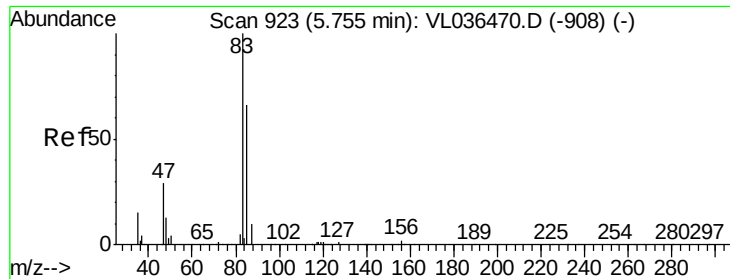


#27
Carbon Disulfide
Concen: 0.778 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion: 76 Resp: 102809

Ion	Ratio	Lower	Upper
76	100		
44	28.2	17.5	26.3#
78	11.3	8.6	13.0





#29

Chloroform

Concen: 0.123 ppbv

RT: 5.76 min Scan# 924

Delta R.T. 0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

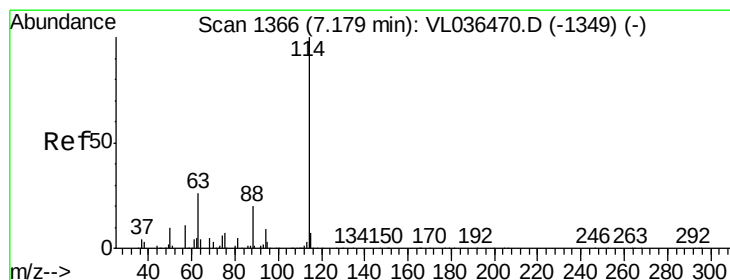
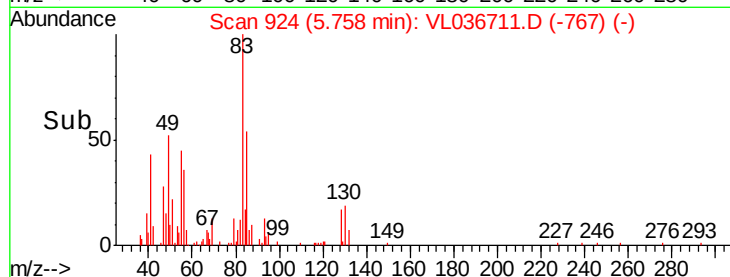
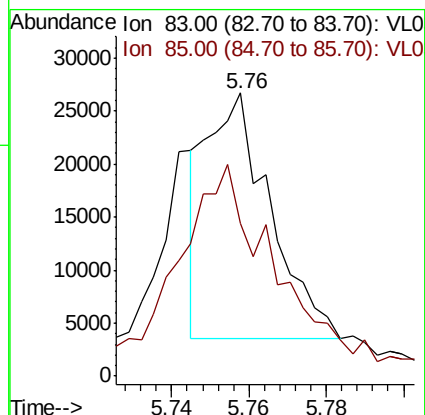
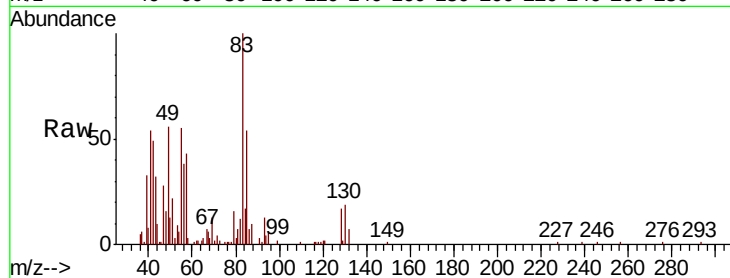
UP-SG-4(2021)

Tot Ion: 83 Resp: 26470

Ion Ratio Lower Upper

83 100

85 47.8 52.6 78.8#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

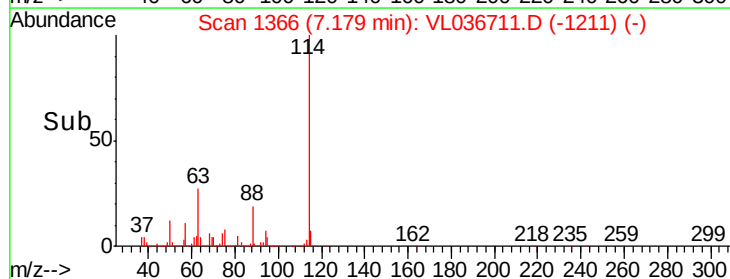
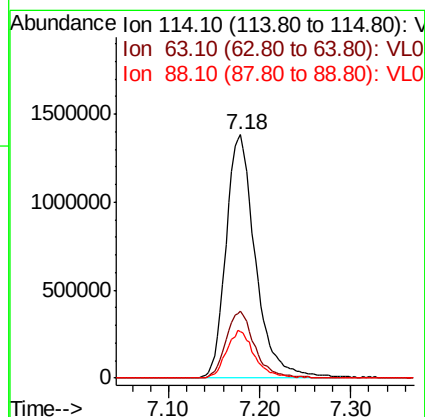
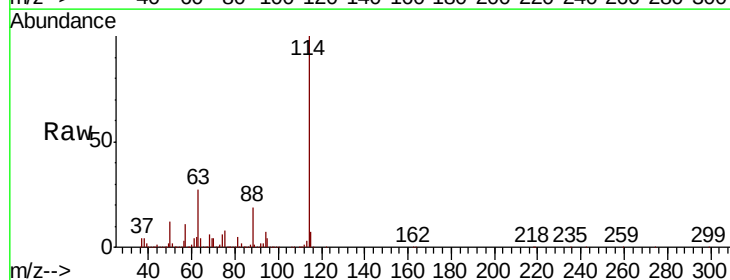
Tgt Ion: 114 Resp: 3111244

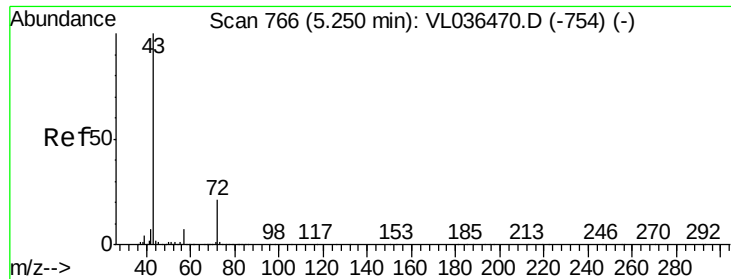
Ion Ratio Lower Upper

114 100

63 27.1 22.4 33.6

88 18.9 15.4 23.0

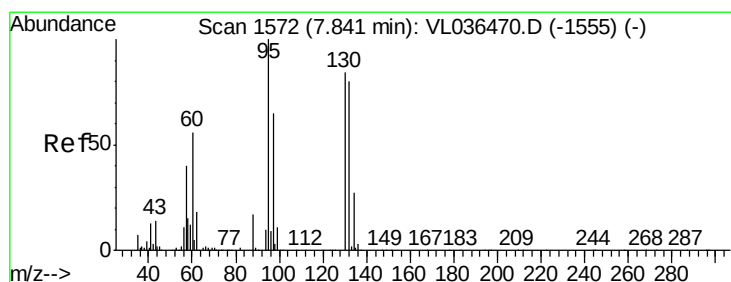
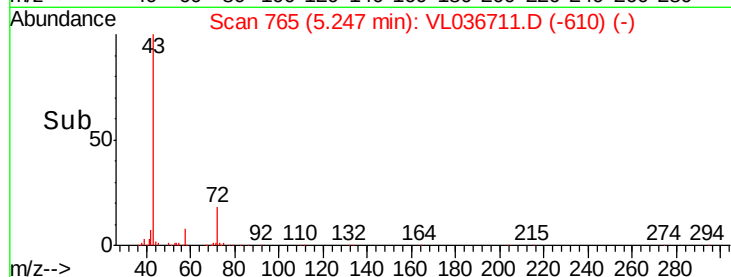
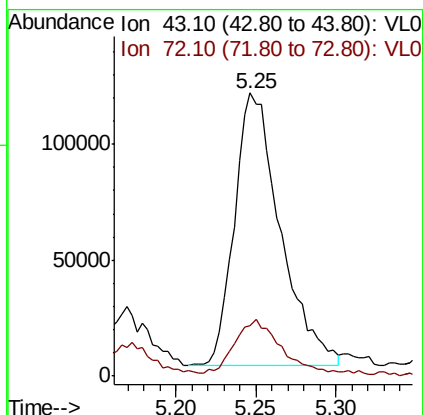
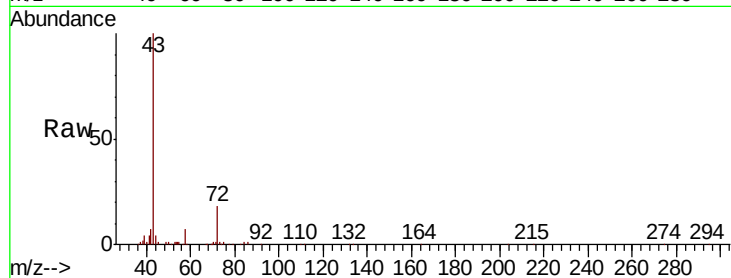




#34
2-Butanone
Concen: 1.506 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

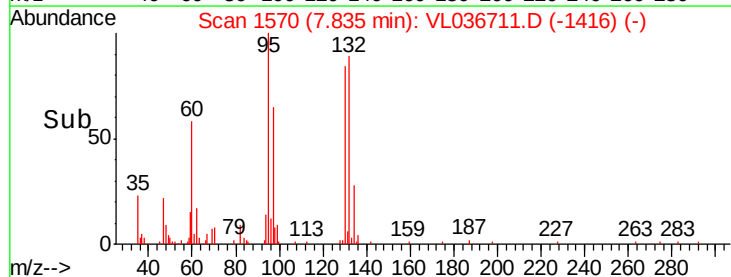
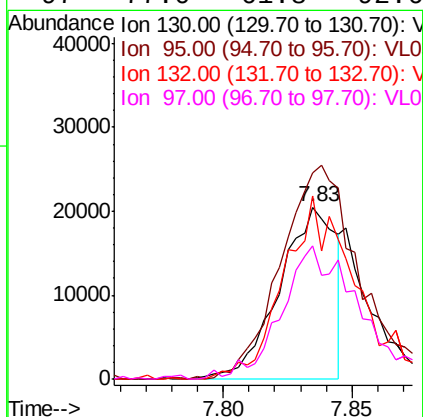
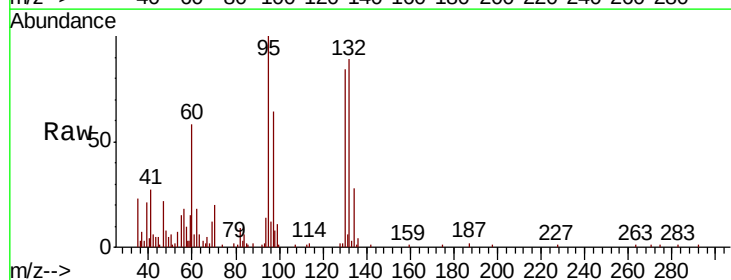
Instrument :
MSVOA_L
ClientSampleId :
UP-SG-4(2021)

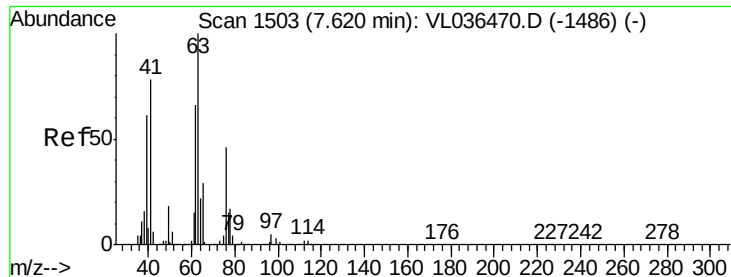
Tot Ion: 43 Resp: 228720
Ion Ratio Lower Upper
43 100
72 23.0 17.0 25.6



#38
Trichloroethene
Concen: 0.278 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion:130 Resp: 31077
Ion Ratio Lower Upper
130 100
95 119.5 95.7 143.5
132 106.4 76.2 114.4
97 77.0 61.8 92.6

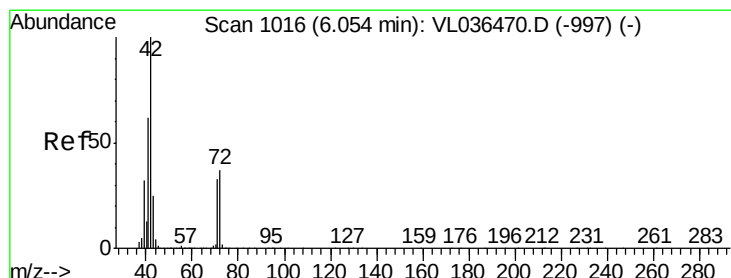
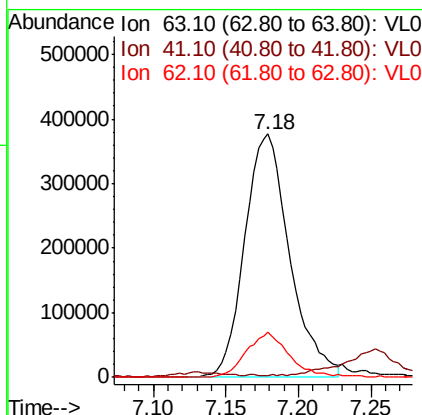
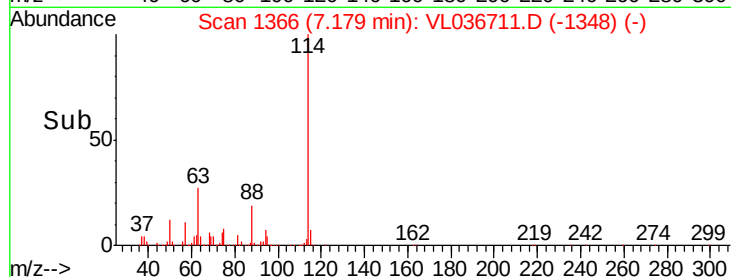
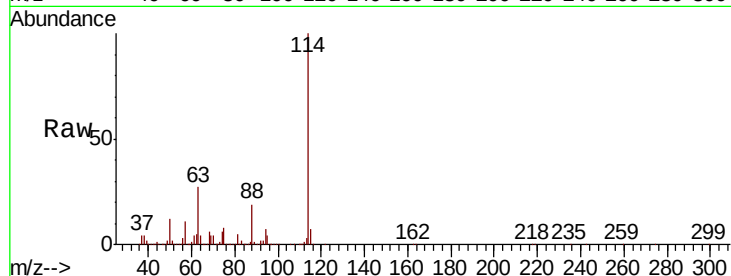




#39
 1,2-Dichloropropane
 Concen: 7.003 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.44 min
 Lab File: VL036711.D
 Acq: 6 Apr 2021 23:47

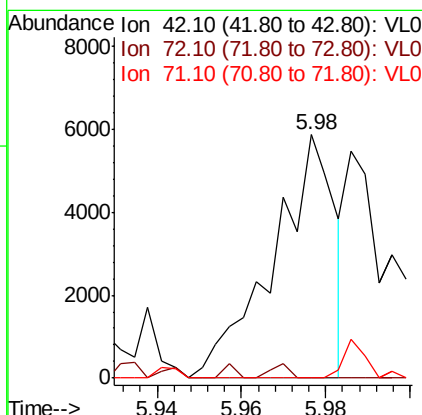
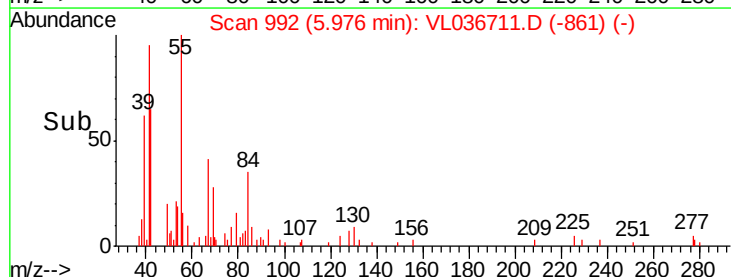
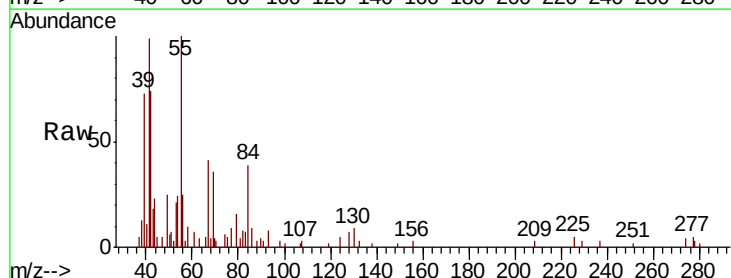
Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-4(2021)

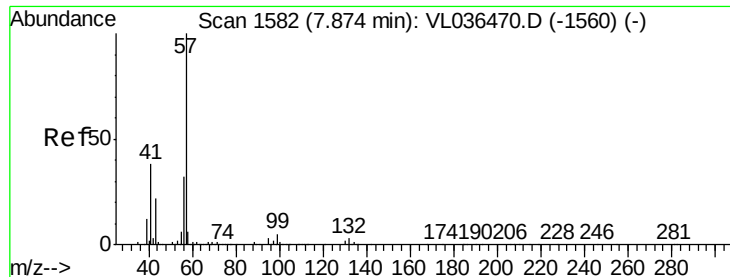
Tot Ion: 63 Resp: 815134
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 18.2 52.8 79.2#



#41
 Tetrahydrofuran
 Concen: 0.085 ppbv
 RT: 5.98 min Scan# 992
 Delta R.T. -0.08 min
 Lab File: VL036711.D
 Acq: 6 Apr 2021 23:47

Tgt Ion: 42 Resp: 5922
 Ion Ratio Lower Upper
 42 100
 72 2.9 27.6 41.4#
 71 0.0 27.0 40.4#





#44

2,2,4-Trimethylpentane

Concen: 0.237 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-4(2021)

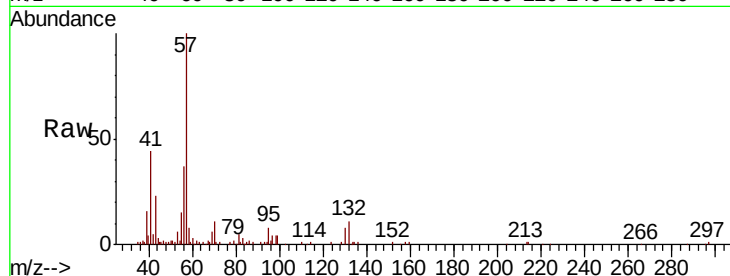
Tot Ion: 57 Resp: 119718

Ion Ratio Lower Upper

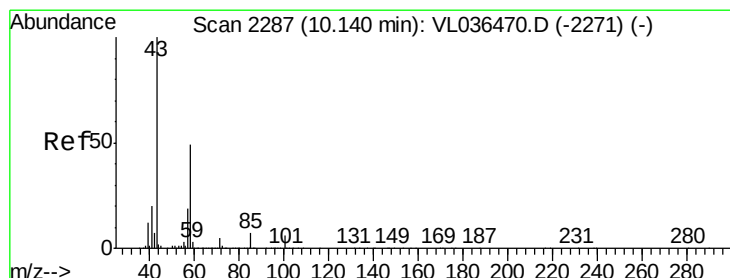
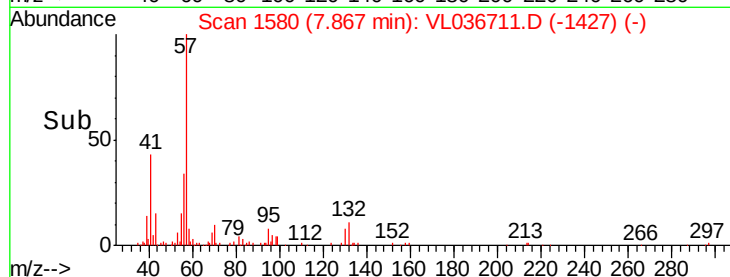
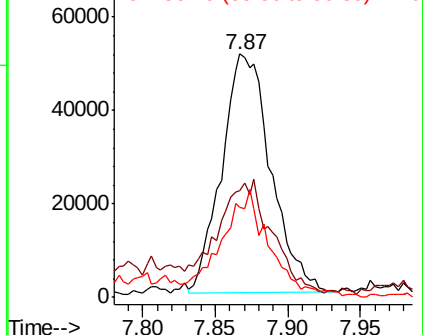
57 100

41 51.3 28.8 43.2#

56 48.2 26.1 39.1#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#51

2-Hexanone

Concen: 0.067 ppbv

RT: 10.15 min Scan# 2290

Delta R.T. 0.01 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

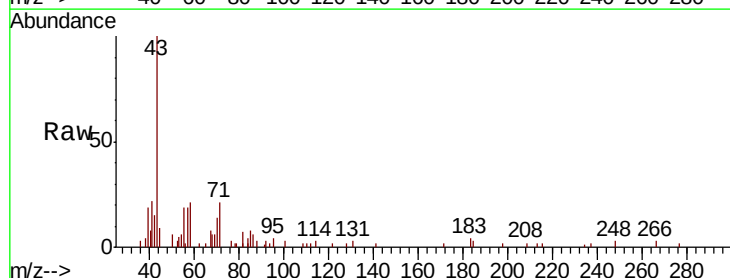
Tgt Ion: 43 Resp: 7467

Ion Ratio Lower Upper

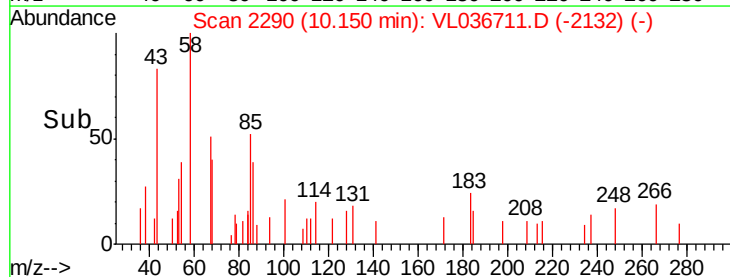
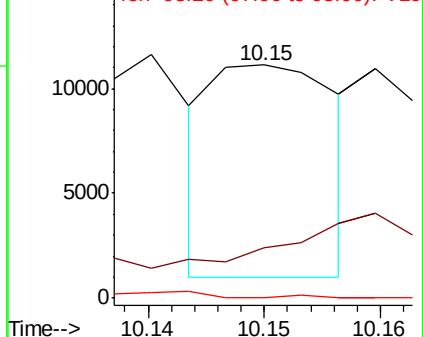
43 100

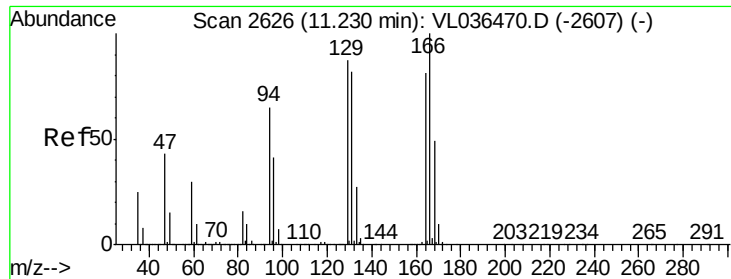
58 0.0 37.7 56.5#

98 3.8 0.2 0.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 30.300 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-4(2021)

Tot Ion:164 Resp: 3201544

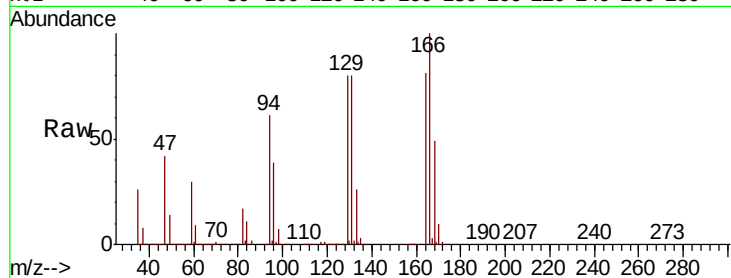
Ion Ratio Lower Upper

164 100

166 124.1 98.3 147.5

129 99.3 85.8 128.8

131 99.0 80.9 121.3

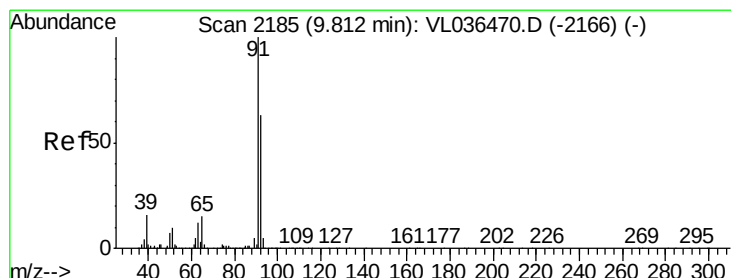
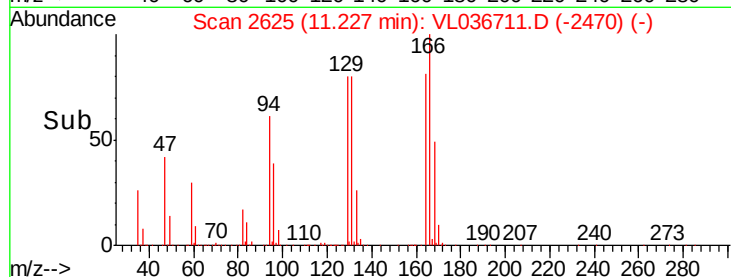
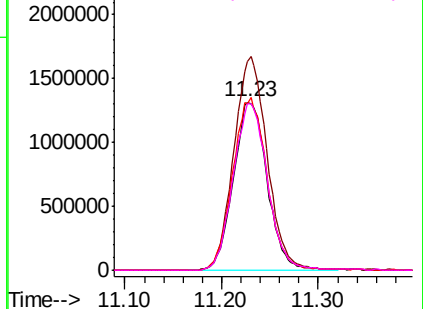


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.854 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.00 min

Lab File: VL036711.D

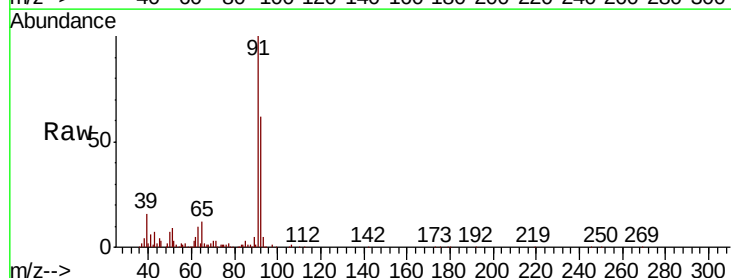
Acq: 6 Apr 2021 23:47

Tgt Ion: 91 Resp: 260869

Ion Ratio Lower Upper

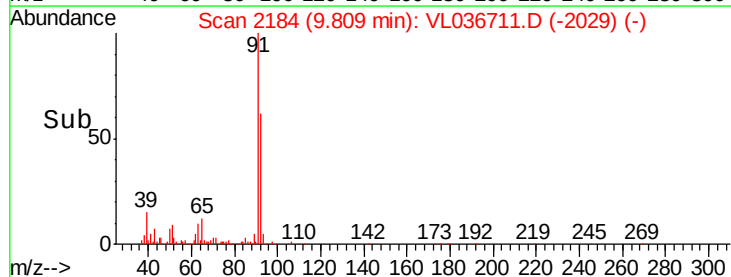
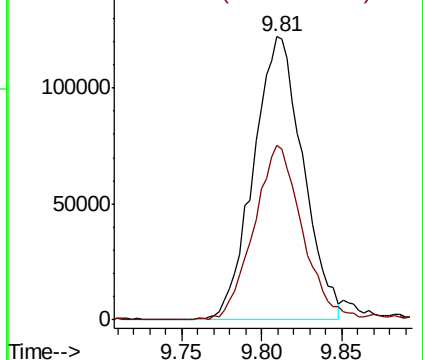
91 100

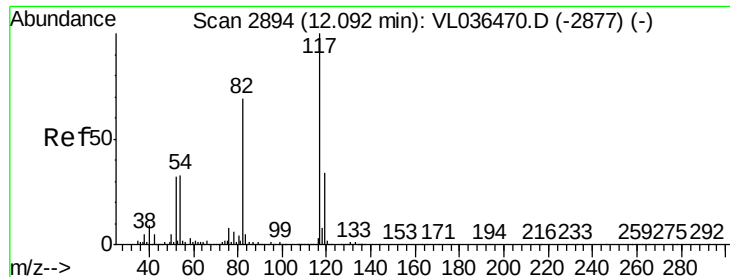
92 61.4 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

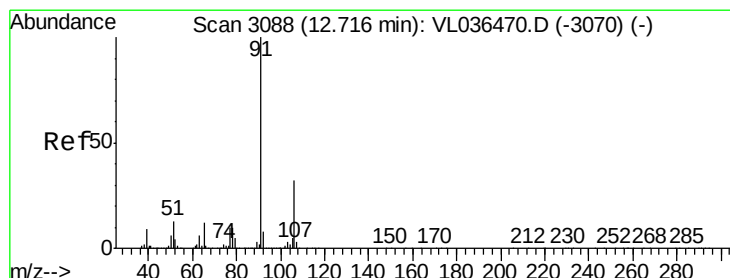
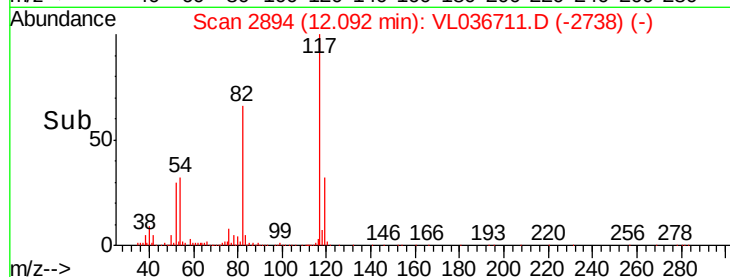
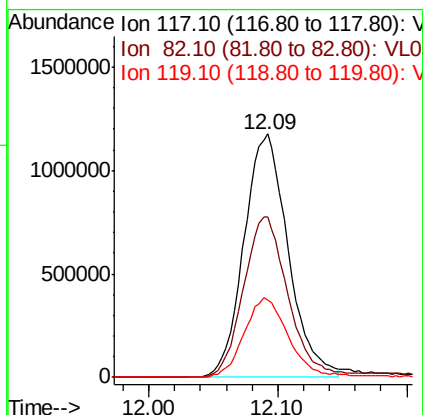
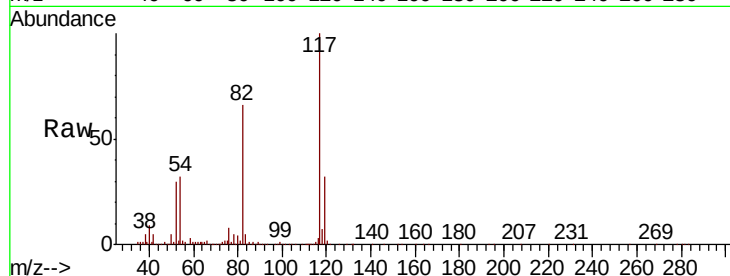




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

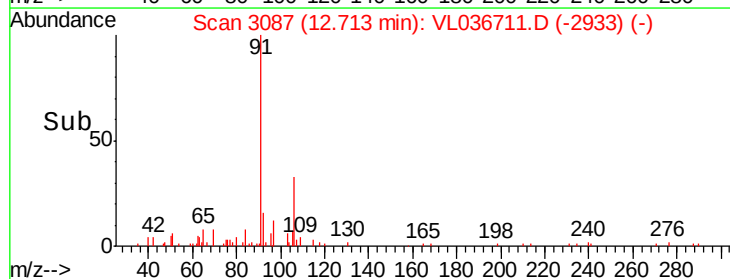
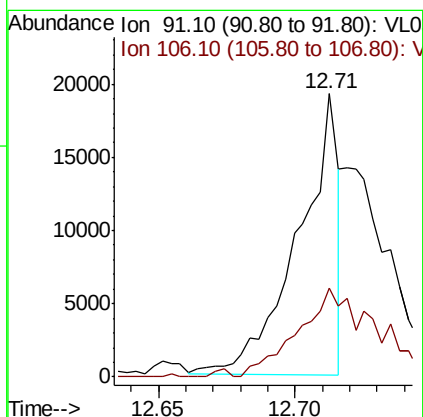
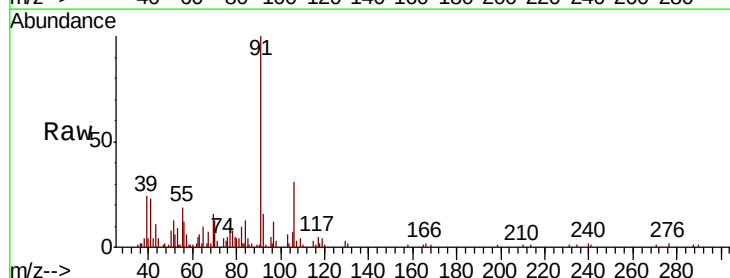
Instrument :
MSVOA_L
ClientSampleId :
UP-SG-4(2021)

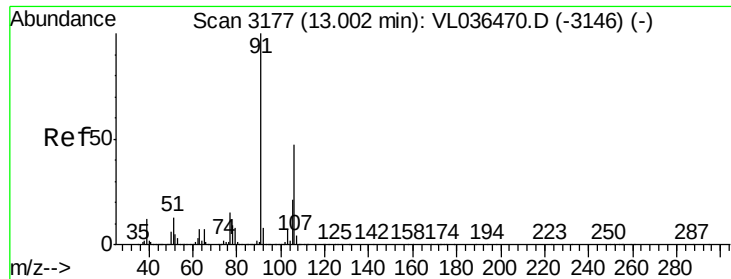
Tot Ion:117 Resp: 2801499
Ion Ratio Lower Upper
117 100
82 69.9 57.4 86.0
119 33.6 47.4 71.0#



#58
Ethyl Benzene
Concen: 0.048 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion: 91 Resp: 19482
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

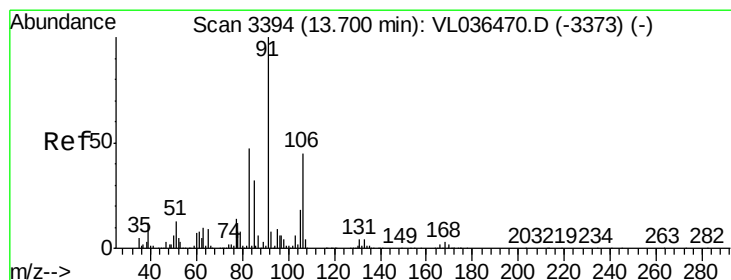
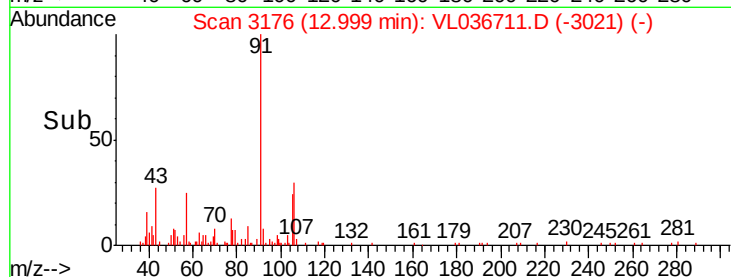
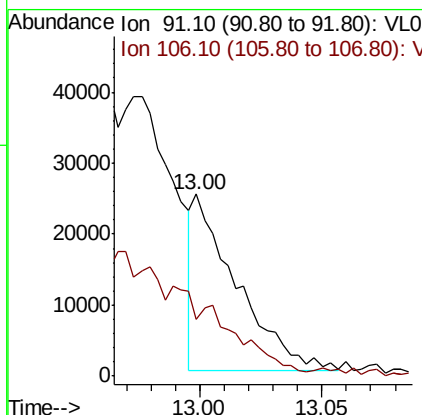
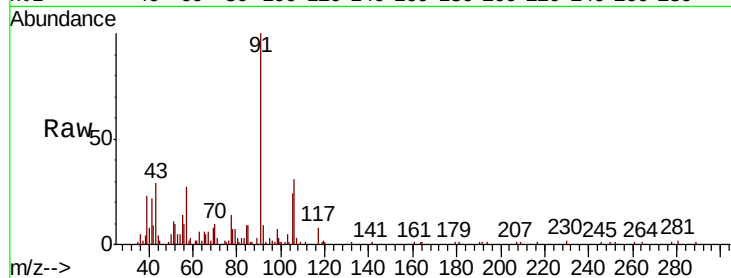




#59
m/p-Xylene
Concen: 0.086 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

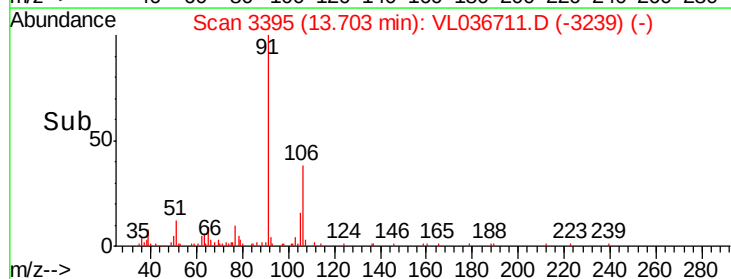
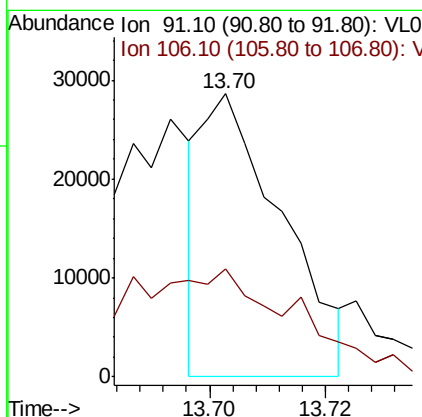
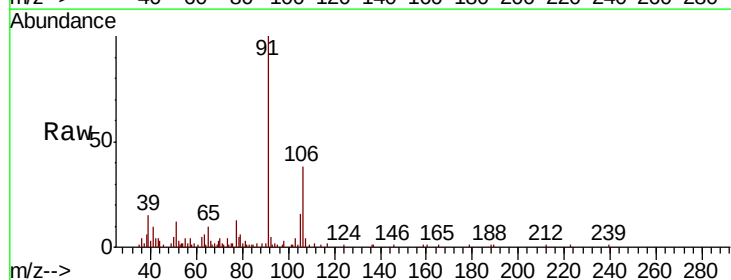
Instrument :
MSVOA_L
ClientSampleId :
UP-SG-4(2021)

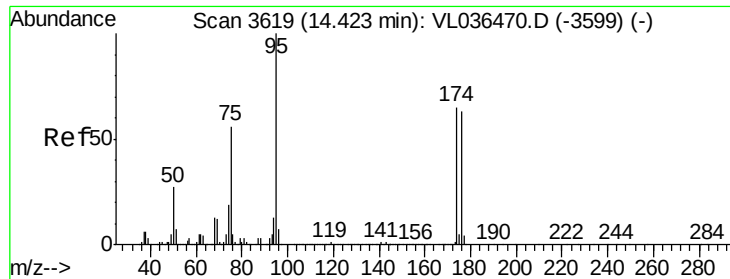
Tot Ion: 91 Resp: 30577
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#



#60
o-Xylene
Concen: 0.079 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036711.D
Acq: 6 Apr 2021 23:47

Tgt Ion: 91 Resp: 27137
Ion Ratio Lower Upper
91 100
106 97.8 22.3 66.9#

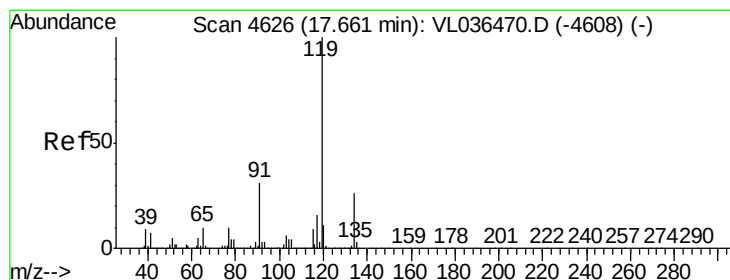
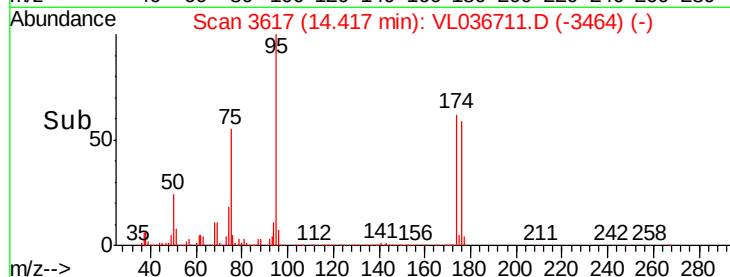
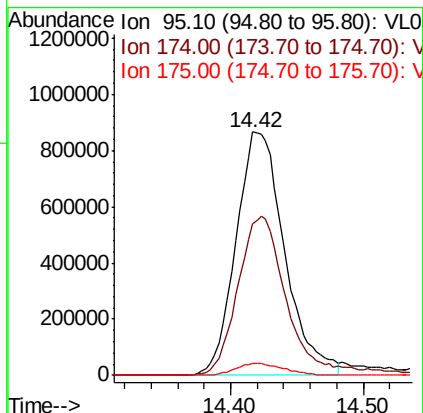
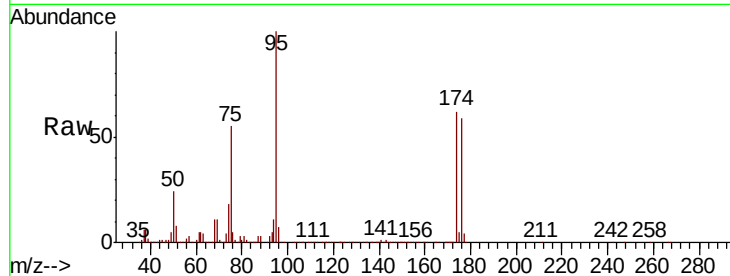




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.829 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036711.D
 Acq: 6 Apr 2021 23:47

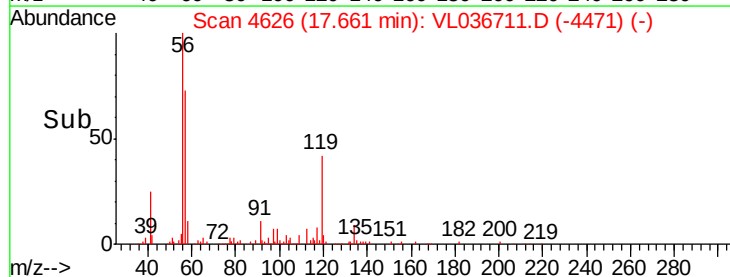
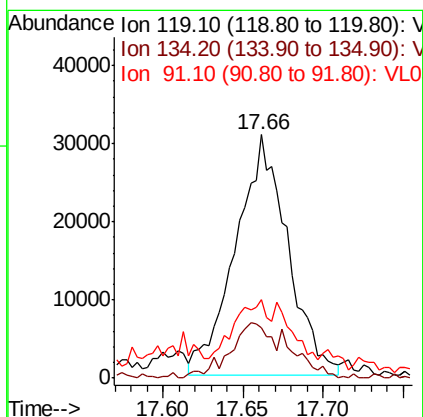
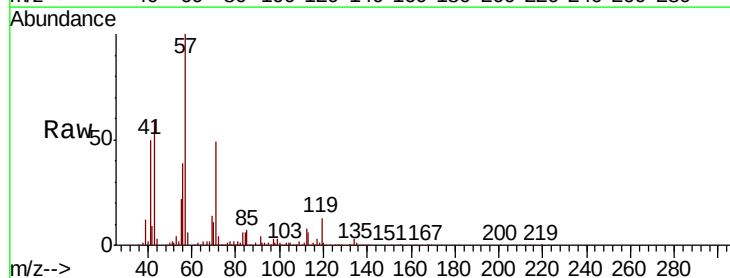
Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-4(2021)

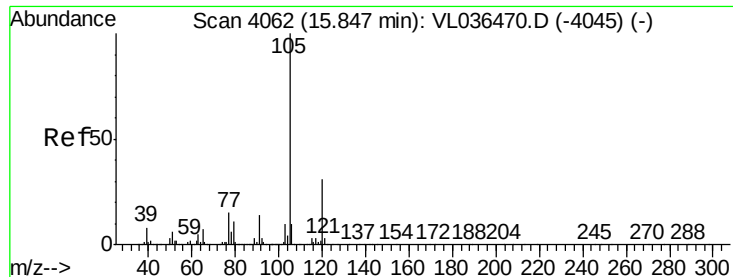
Tot Ion: 95 Resp: 2194577
 Ion Ratio Lower Upper
 95 100
 174 68.8 51.0 76.6
 175 5.3 3.9 5.9



#69
 p-Isopropyltoluene
 Concen: 0.155 ppbv
 RT: 17.66 min Scan# 4626
 Delta R.T. -0.00 min
 Lab File: VL036711.D
 Acq: 6 Apr 2021 23:47

Tgt Ion: 119 Resp: 68464
 Ion Ratio Lower Upper
 119 100
 134 26.1 20.6 30.8
 91 37.0 25.0 37.6





#72

4-Ethyltoluene

Concen: 0.061 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

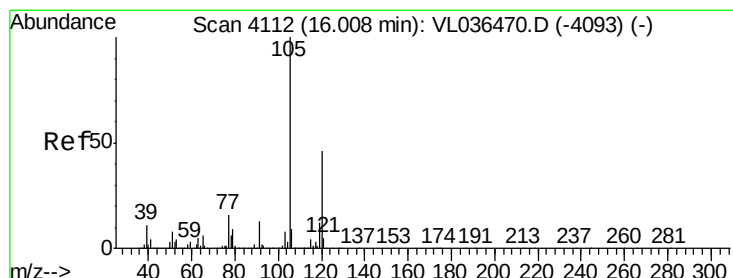
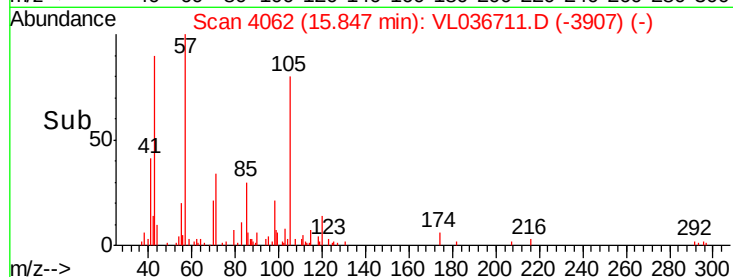
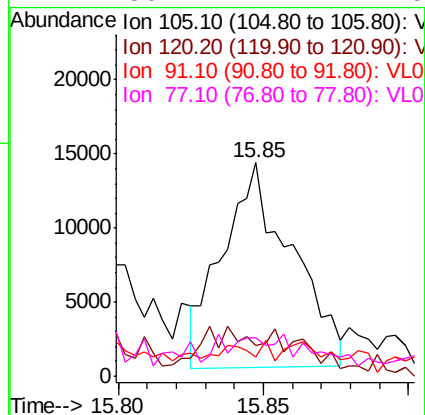
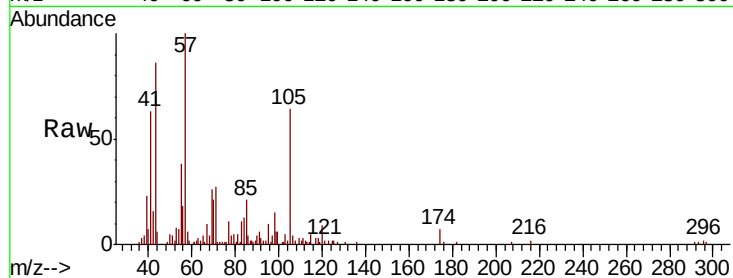
Instrument :

MSVOA_L

ClientSampleId :

UP-SG-4(2021)

Tot Ion:	105	Resp:	22863
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.0	36.0#
91	16.4	11.0	16.4
77	36.1	11.7	17.5#



#73

1,3,5-Trimethylbenzene

Concen: 0.104 ppbv

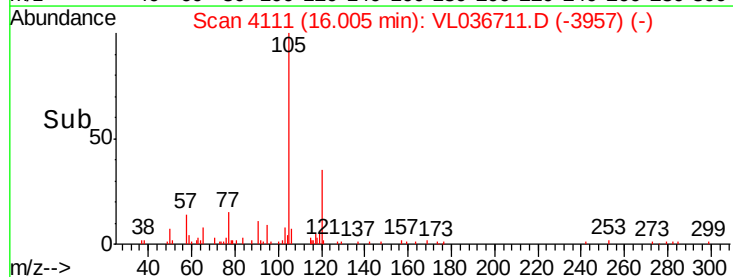
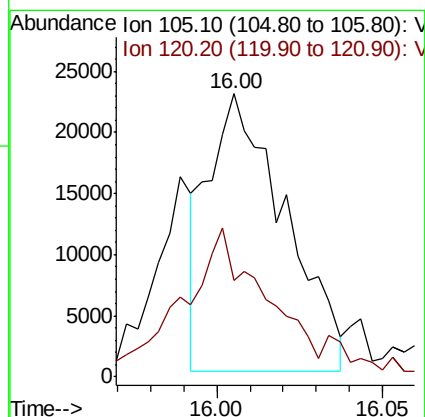
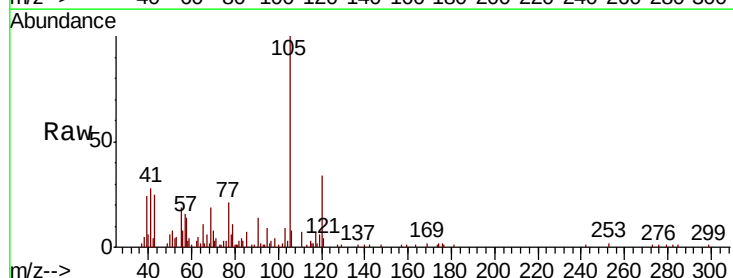
RT: 16.00 min Scan# 4111

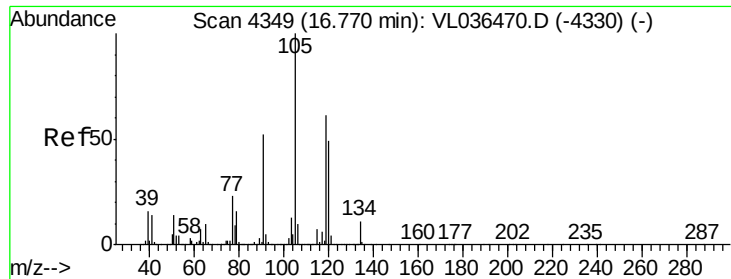
Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Tgt Ion:	105	Resp:	36527
Ion	Ratio	Lower	Upper
105	100		
120	25.2	36.6	54.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.340 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.00 min

Lab File: VL036711.D

Acq: 6 Apr 2021 23:47

Instrument :

MSVOA_L

ClientSampleId :

UP-SG-4(2021)

Tot Ion:105 Resp: 128047

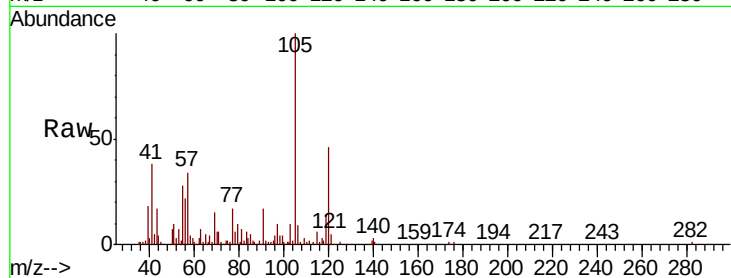
Ion Ratio Lower Upper

105 100

120 45.9 39.2 58.8

91 17.0 42.6 64.0#

77 14.0 18.6 28.0#



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

