

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037134.D
 Acq On : 8 Jun 2021 16:20
 Operator : SY/AP
 Sample : M2614-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 09 01:20:00 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	5.66	49	1351718	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4020840	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3668298	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2725325	9.89	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

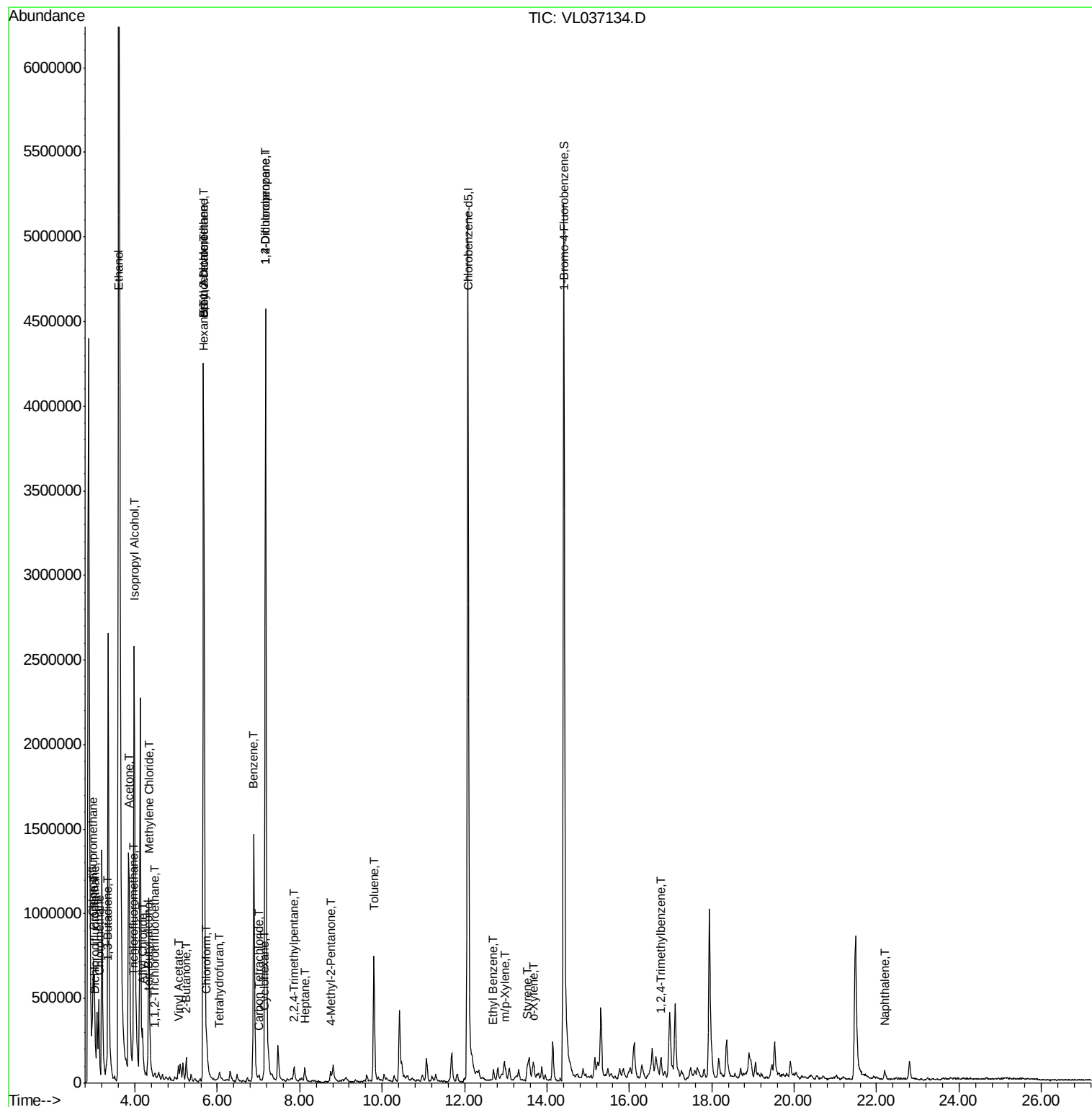
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	60486	0.264	ppbv	89
3) Chlorodifluoromethane	2.98	51	954782	3.856	ppbv	94
4) Chloromethane	3.14	50	57181	0.679	ppbv	100
9) Propene	3.01	41	194953	2.199	ppbv	84
10) Heptane	8.12	43	15563	0.070	ppbv #	35
11) Trichlorofluoromethane	3.94	101	50527	0.238	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.48	101	6554	0.043	ppbv #	14
13) Ethanol	3.62	45	13767485	1163.643	ppbv	98
15) Acetone	3.84	43	1888917	13.643	ppbv	91
16) 1,3-Butadiene	3.32	39	42539	0.495	ppbv #	76
17) tert-Butyl alcohol	4.31	59	45696	0.360	ppbv #	72
19) Isopropyl Alcohol	3.98	45	3700262	49.718	ppbv #	34
20) Methylene Chloride	4.34	84	424447	5.719	ppbv	99
21) Allyl Chloride	4.18	41	33041	0.316	ppbv #	1
23) Vinyl Acetate	5.06	43	58658	0.267	ppbv #	72
25) Ethyl Acetate	5.67	43	2224116	6.685	ppbv #	94
26) Hexane	5.68	57	412247	2.426	ppbv #	1
29) Chloroform	5.75	83	62960	0.262	ppbv	97
30) Cyclohexane	7.13	84	4455	0.031	ppbv #	1
31) cis-1,2-Dichloroethene	5.67	61	251227	1.649	ppbv #	22
34) 2-Butanone	5.24	43	164897	1.126	ppbv	92
35) Carbon Tetrachloride	7.01	117	9304	0.035	ppbv #	75
36) Benzene	6.89	78	1379444	3.983	ppbv	99
39) 1,2-Dichloropropane	7.17	63	954950	7.158	ppbv #	26
41) Tetrahydrofuran	6.04	42	4189	0.050	ppbv #	36
44) 2,2,4-Trimethylpentane	7.86	57	63435	0.107	ppbv #	67
50) 4-Methyl-2-Pentanone	8.75	43	50456	0.209	ppbv	99
53) Toluene	9.80	91	589589	1.431	ppbv	99
58) Ethyl Benzene	12.70	91	26456	0.051	ppbv	95
59) m/p-Xylene	13.00	91	15152	0.035	ppbv #	30
60) o-Xylene	13.69	91	40849	0.100	ppbv	92
61) Styrene	13.52	104	34544	0.150	ppbv #	67
74) 1,2,4-Trimethylbenzene	16.76	105	47464	0.101	ppbv #	68
79) Naphthalene	22.20	128	11687	0.032	ppbv #	70

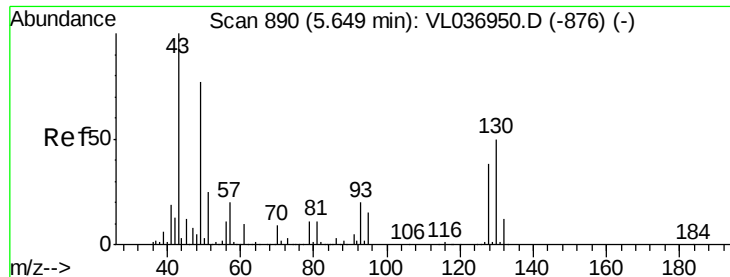
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

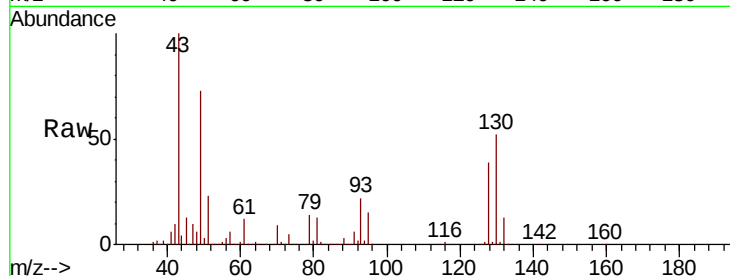
Tot Ion: 49 Resp: 1351718

Ion Ratio Lower Upper

49 100

128 56.6 26.9 80.7

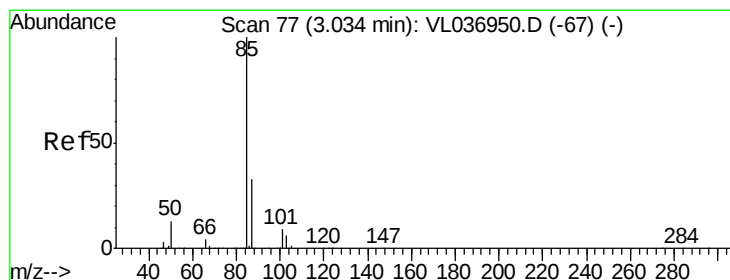
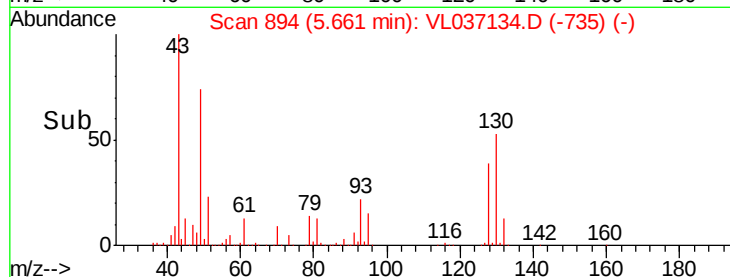
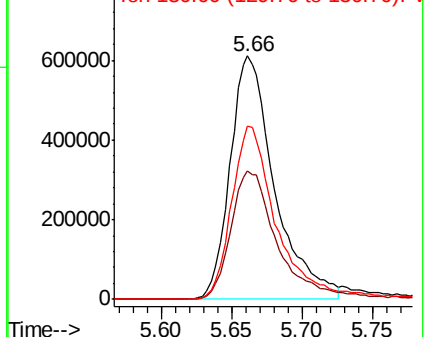
130 73.5 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.264 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.01 min

Lab File: VL037134.D

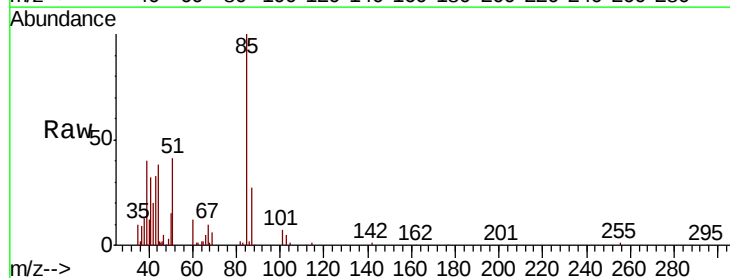
Acq: 8 Jun 2021 16:20

Tgt Ion: 85 Resp: 60486

Ion Ratio Lower Upper

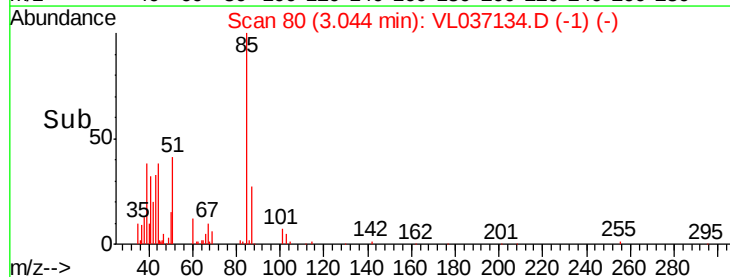
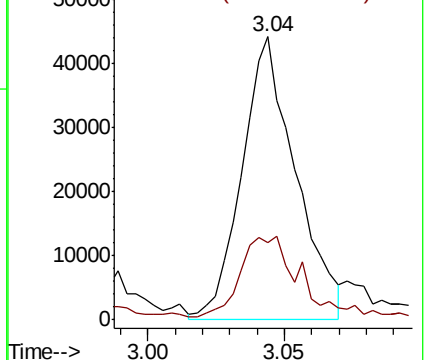
85 100

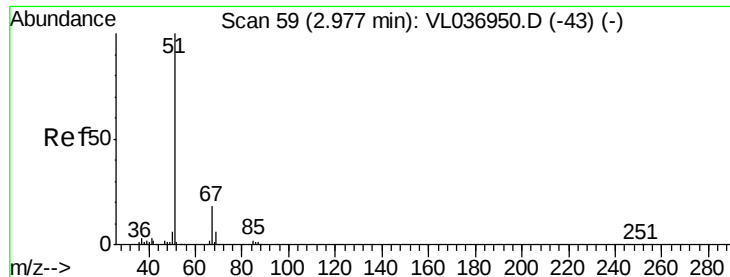
87 26.9 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 3.856 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

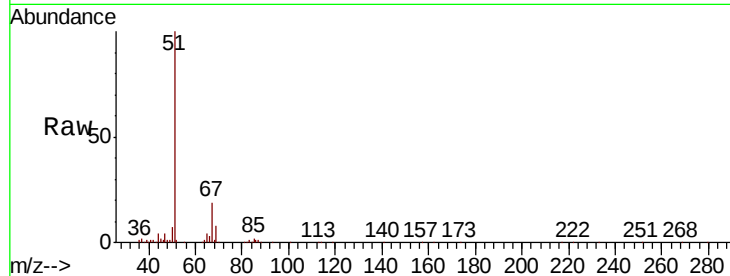
ClientSampleId :

Tot Ion: 51 Resp: 954782

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

500000

400000

300000

200000

100000

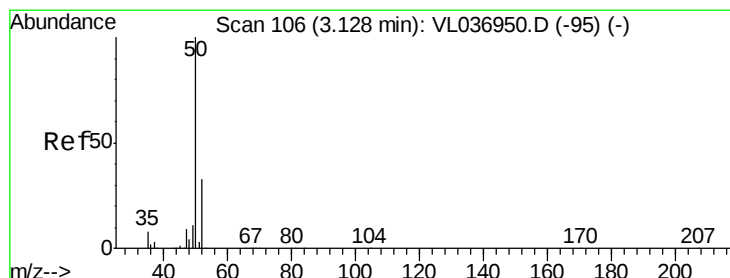
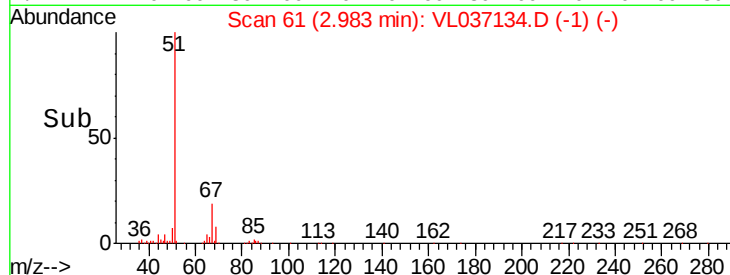
0

2.90

3.00

3.10

Time-->



#4

Chloromethane

Concen: 0.679 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.01 min

Lab File: VL037134.D

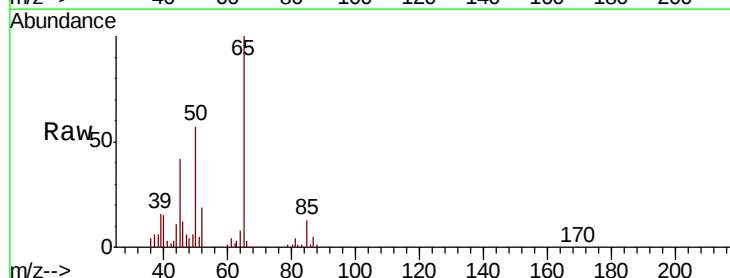
Acq: 8 Jun 2021 16:20

Tgt Ion: 50 Resp: 57181

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

30000

20000

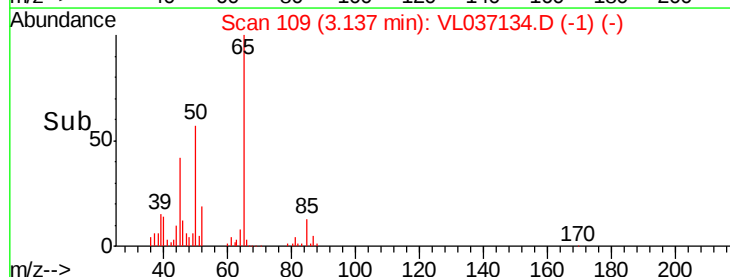
10000

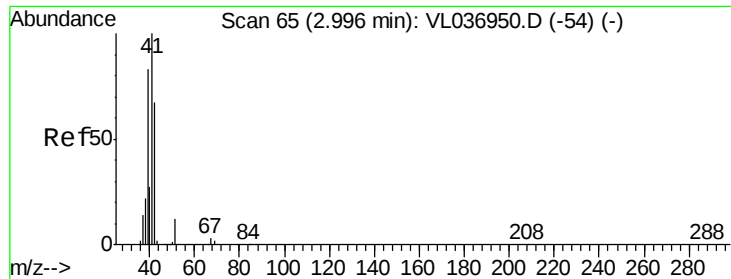
0

3.10

3.15

Time-->





#9

Propene

Concen: 2.199 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

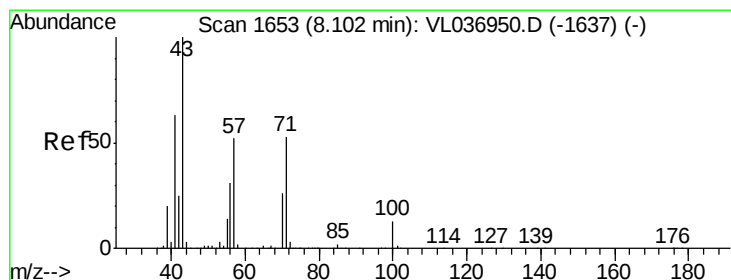
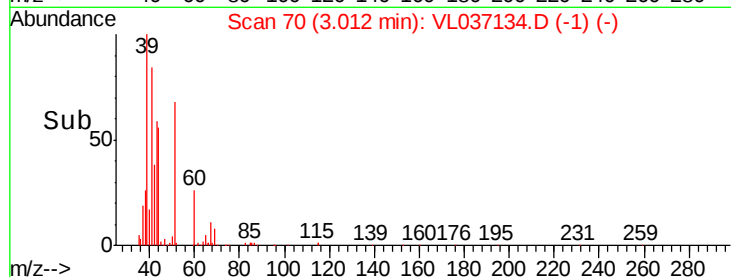
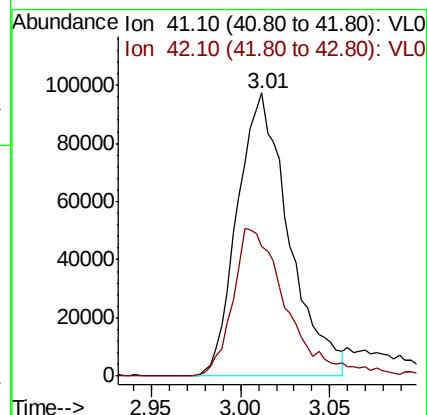
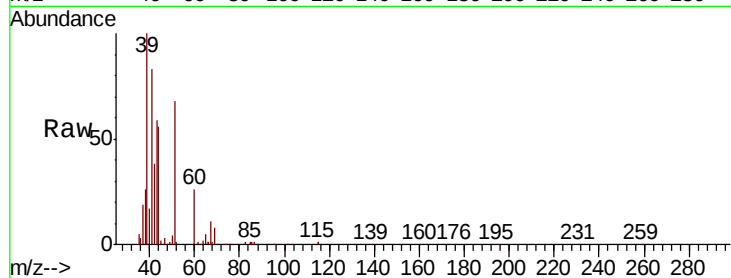
ClientSampleId :

Tot Ion: 41 Resp: 194953

Ion Ratio Lower Upper

41 100

42 54.3 53.9 80.9



#10

Heptane

Concen: 0.070 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.02 min

Lab File: VL037134.D

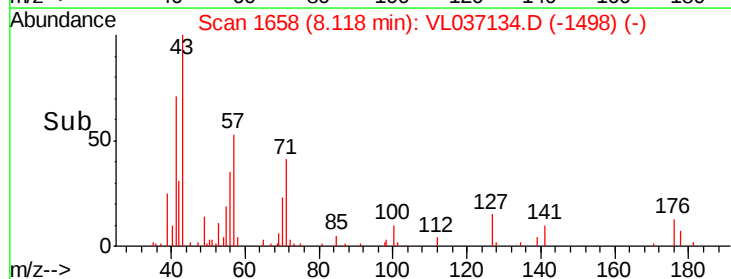
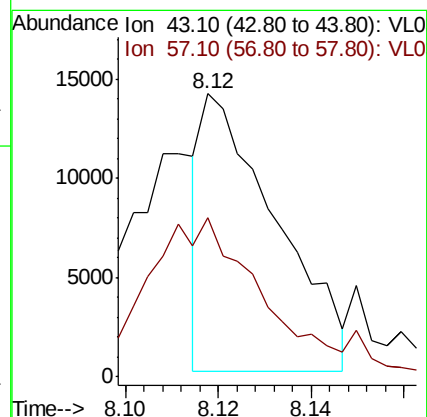
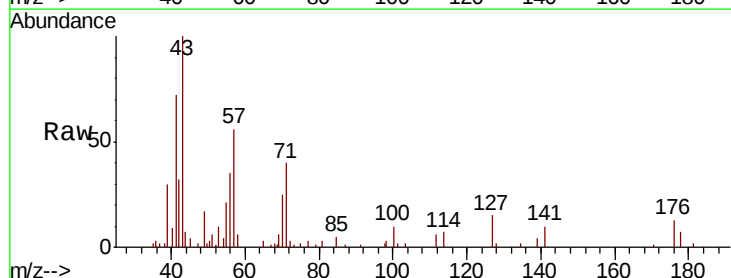
Acq: 8 Jun 2021 16:20

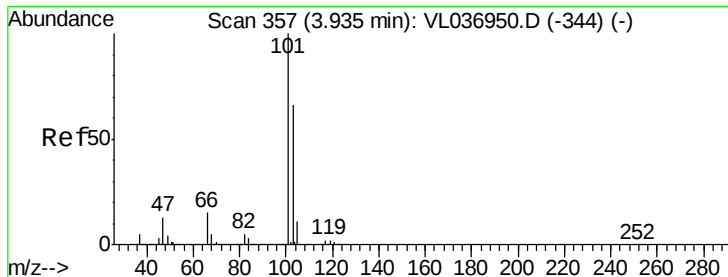
Tgt Ion: 43 Resp: 15563

Ion Ratio Lower Upper

43 100

57 97.0 41.0 61.6#





#11

Trichlorofluoromethane

Concen: 0.238 ppbv

RT: 3.94 min Scan# 360

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

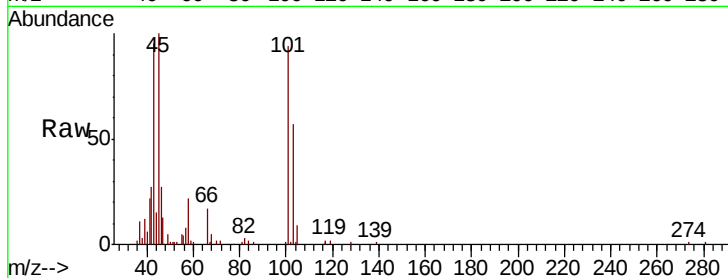
ClientSampleId :

Tot Ion:101 Resp: 50527

Ion Ratio Lower Upper

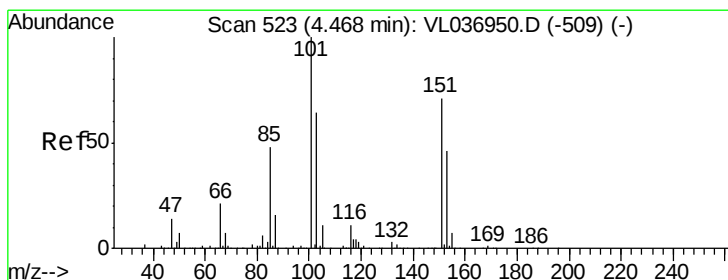
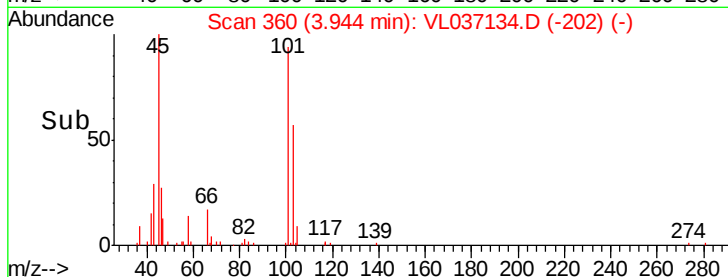
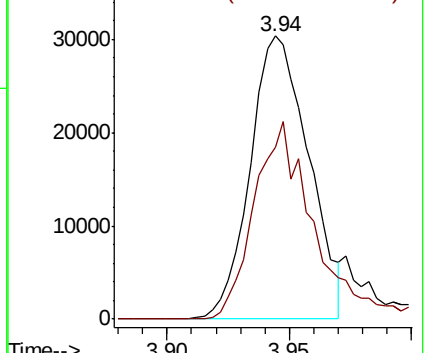
101 100

103 60.6 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.043 ppbv

RT: 4.48 min Scan# 527

Delta R.T. 0.01 min

Lab File: VL037134.D

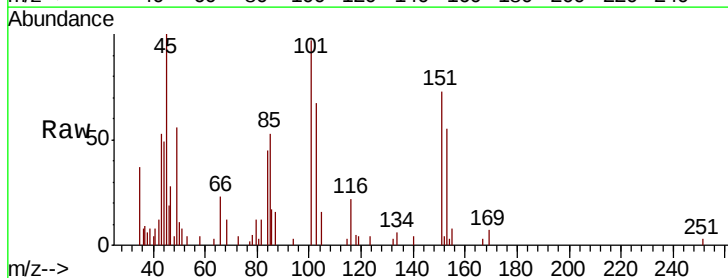
Acq: 8 Jun 2021 16:20

Tgt Ion:101 Resp: 6554

Ion Ratio Lower Upper

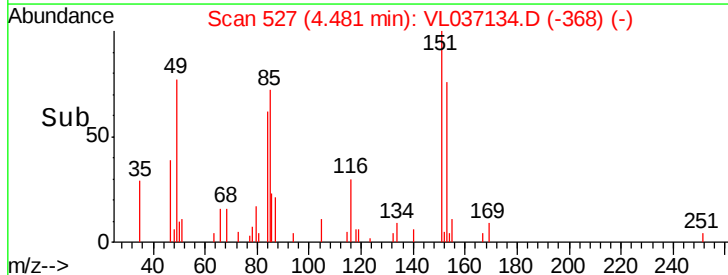
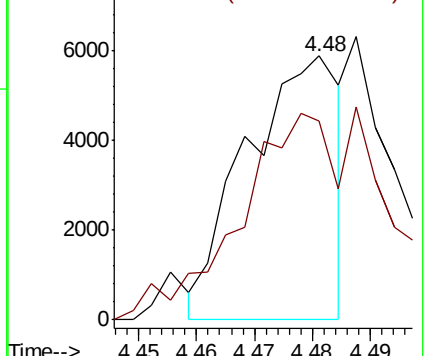
101 100

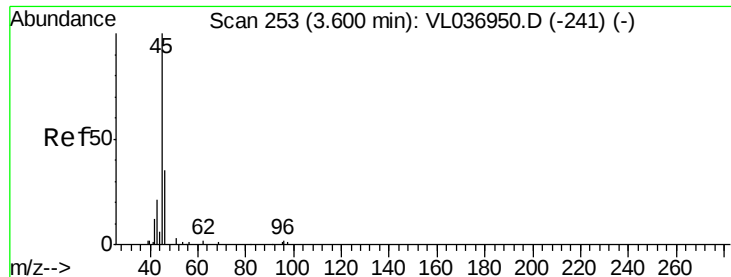
151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 1163.643 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.02 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

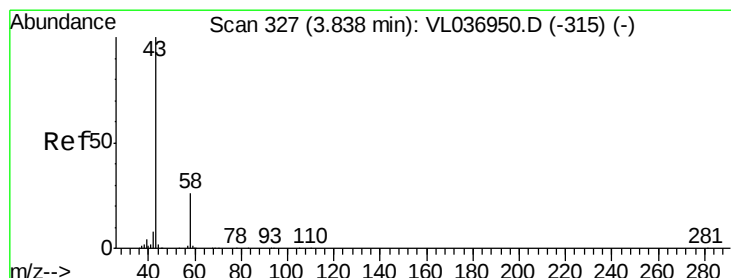
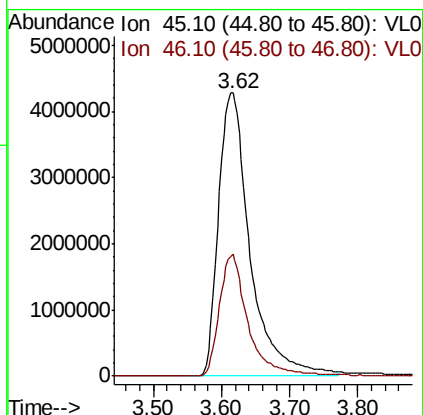
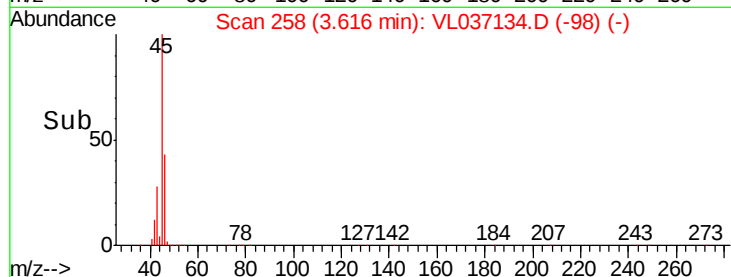
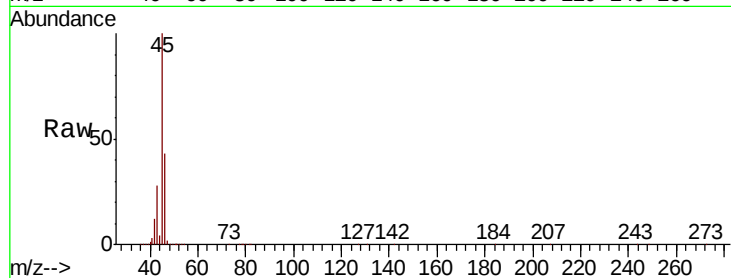
ClientSampleId :

Tot Ion: 45 Resp:13767485

Ion Ratio Lower Upper

45 100

46 39.6 16.3 65.3



#15

Acetone

Concen: 13.643 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL037134.D

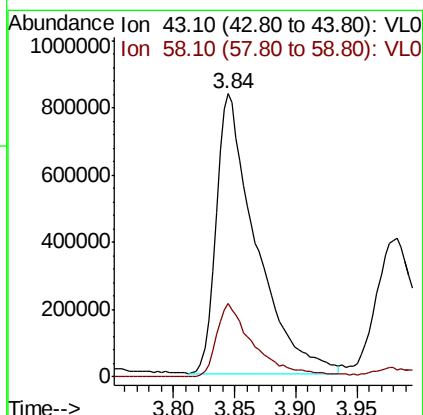
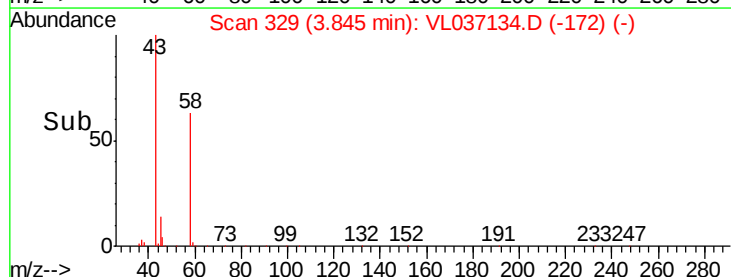
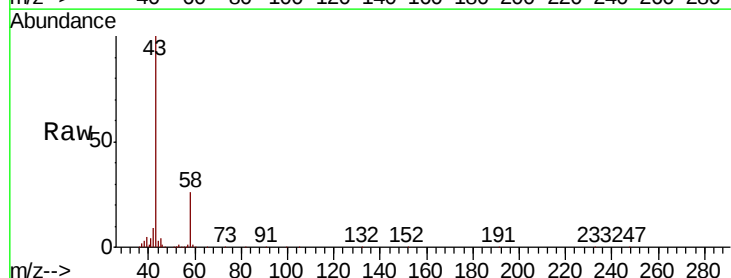
Acq: 8 Jun 2021 16:20

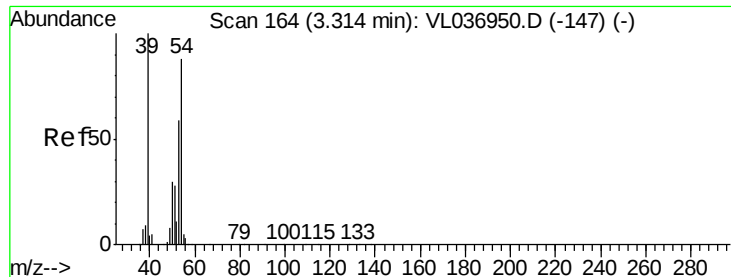
Tgt Ion: 43 Resp: 1888917

Ion Ratio Lower Upper

43 100

58 25.1 24.0 36.0

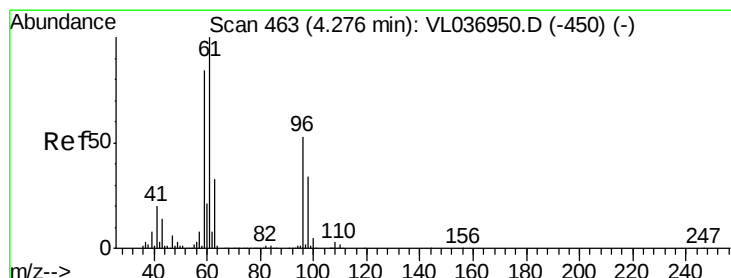
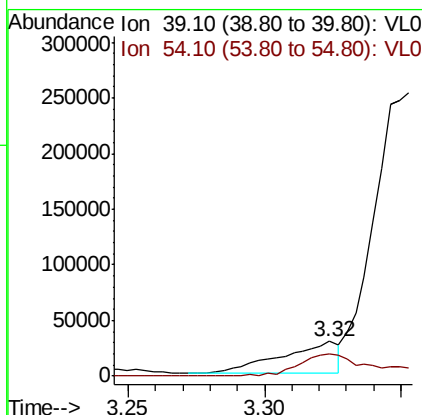
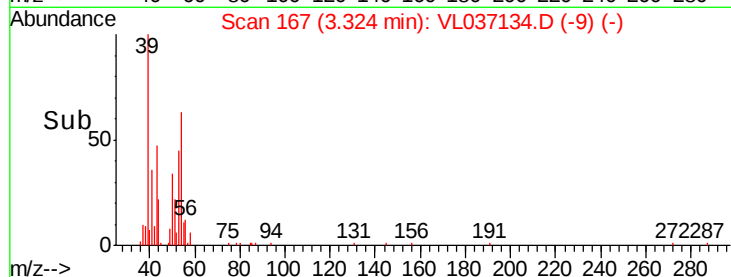
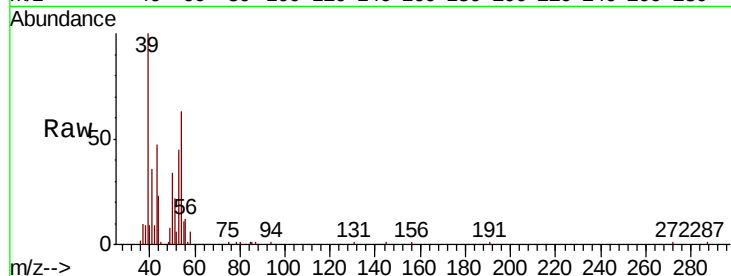




#16
1,3-Butadiene
Concen: 0.495 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.01 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

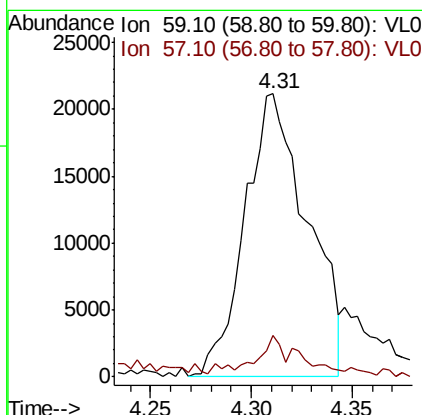
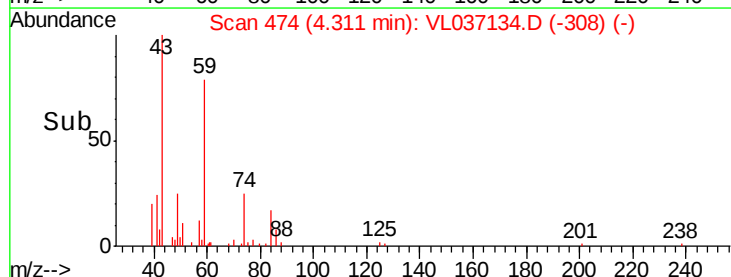
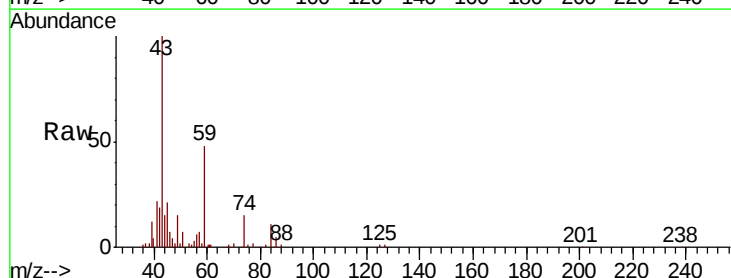
Instrument :
MSVOA_L
ClientSampled :

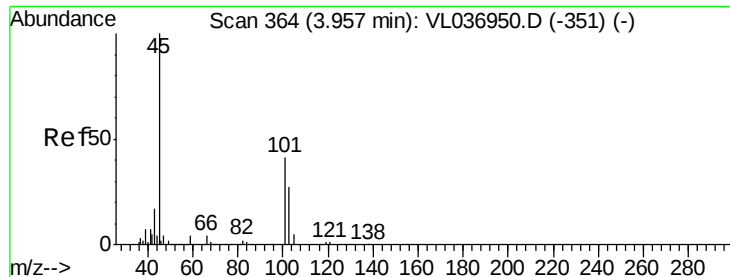
Tot Ion: 39 Resp: 42539
Ion Ratio Lower Upper
39 100
54 99.8 63.2 94.8#



#17
tert-Butyl alcohol
Concen: 0.360 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.04 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

Tgt Ion: 59 Resp: 45696
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



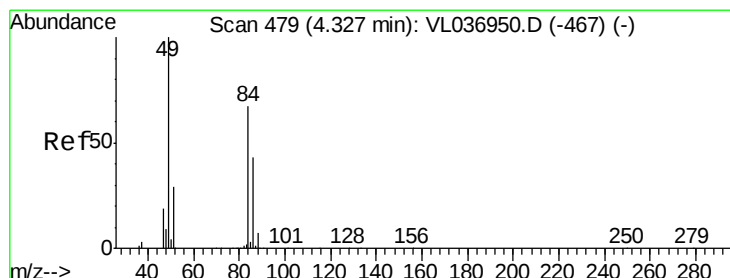
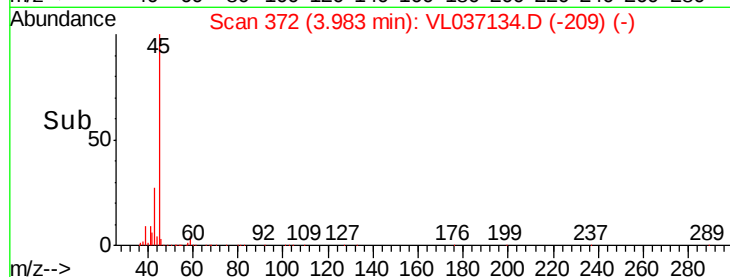
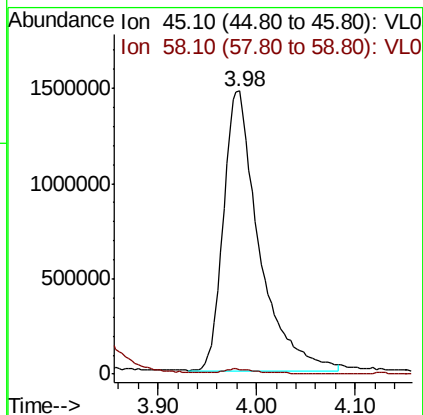
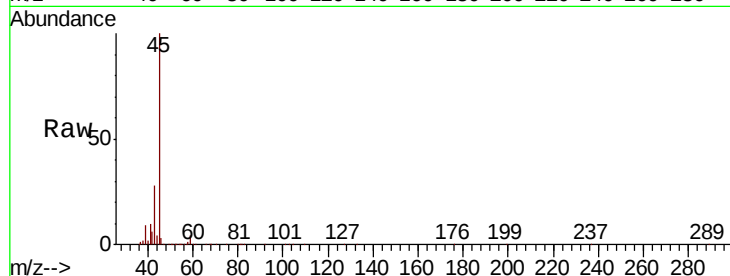


#19

Isopropyl Alcohol
 Concen: 49.718 ppbv
 RT: 3.98 min Scan# 372
 Delta R.T. 0.03 min
 Lab File: VL037134.D
 Acq: 8 Jun 2021 16:20

Instrument :
 MSVOA_L
 ClientSampleId :

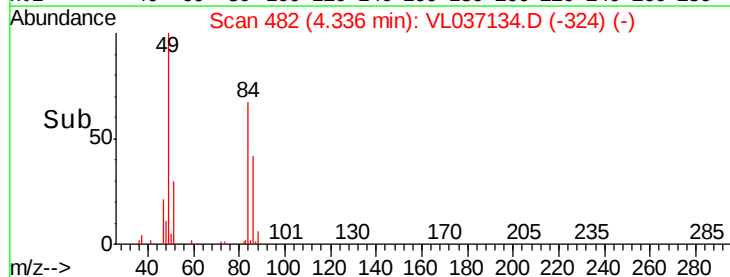
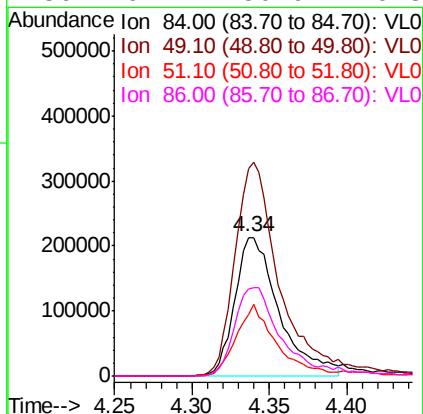
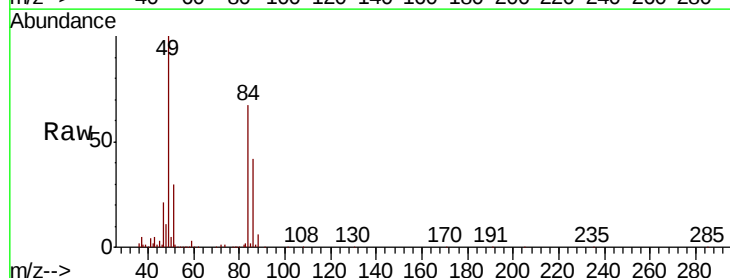
Tot Ion: 45 Resp: 3700262
 Ion Ratio Lower Upper
 45 100
 58 2.4 37.2 55.8#

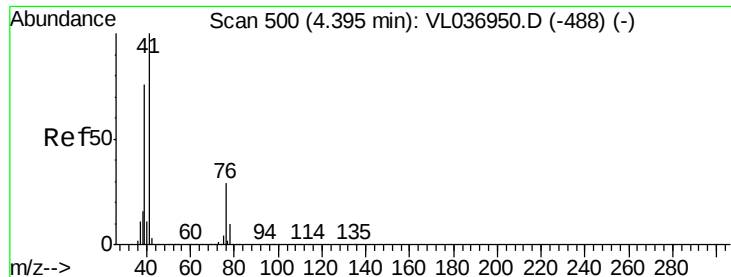


#20

Methylene Chloride
 Concen: 5.719 ppbv
 RT: 4.34 min Scan# 482
 Delta R.T. 0.01 min
 Lab File: VL037134.D
 Acq: 8 Jun 2021 16:20

Tgt Ion: 84 Resp: 424447
 Ion Ratio Lower Upper
 84 100
 49 149.3 119.8 179.6
 51 44.3 35.1 52.7
 86 62.7 50.9 76.3





#21

Allvl Chloride

Concen: 0.316 ppbv

RT: 4.18 min Scan# 432

Delta R.T. -0.22 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

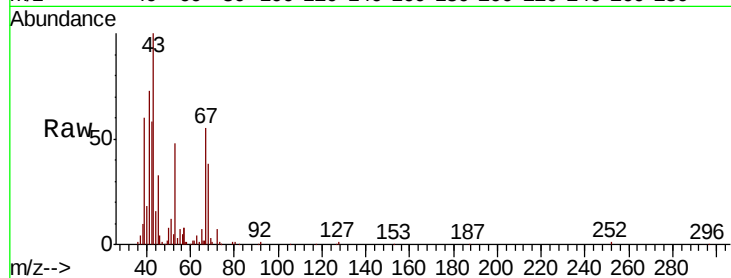
Tot Ion: 41 Resp: 33041

Ion Ratio Lower Upper

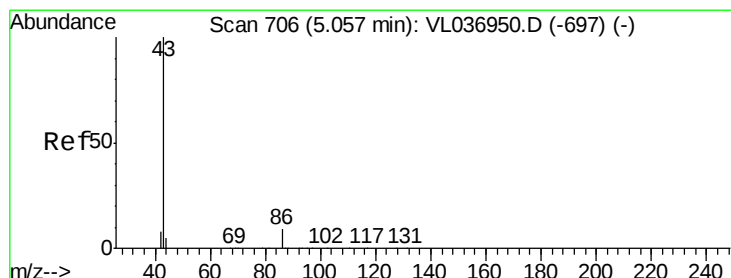
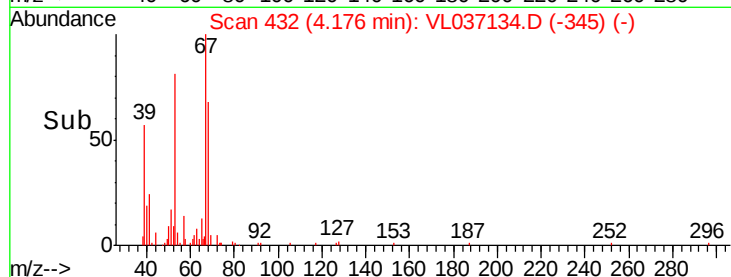
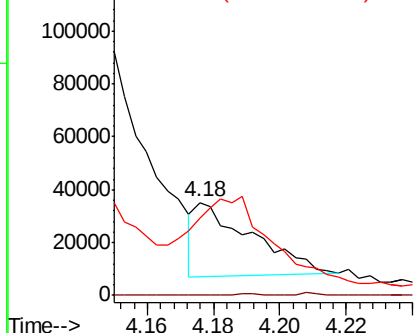
41 100

76 1.9 24.9 37.3#

39 220.6 63.7 95.5#



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: 0.267 ppbv

RT: 5.06 min Scan# 707

Delta R.T. 0.00 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Tgt Ion: 43 Resp: 58658

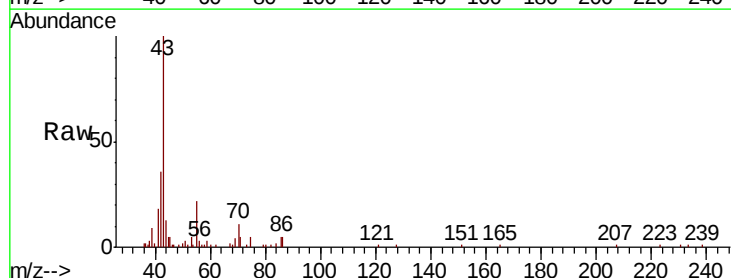
Ion Ratio Lower Upper

43 100

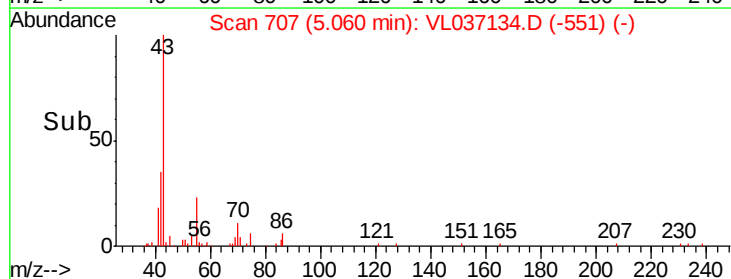
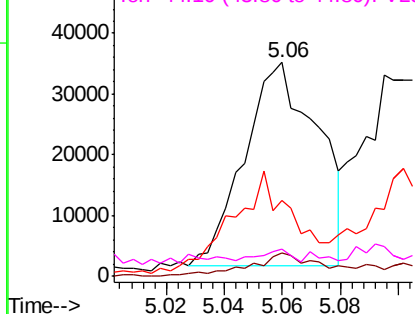
86 10.0 5.8 8.8#

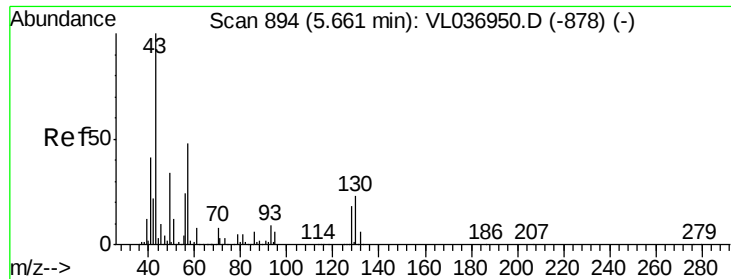
42 29.2 7.4 11.2#

44 5.3 3.3 4.9#



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



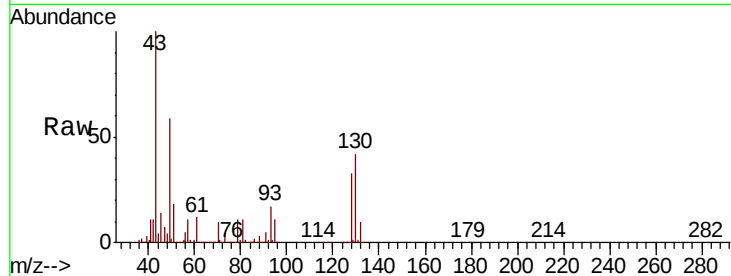


#25
Ethyl Acetate
Concen: 6.685 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 43 Resp: 2224116

Ion	Ratio	Lower	Upper
43	100		
45	12.6	7.8	11.8#
61	11.4	7.8	11.8
70	9.2	5.6	8.4#



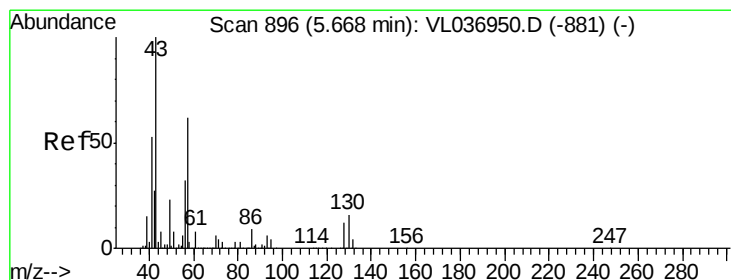
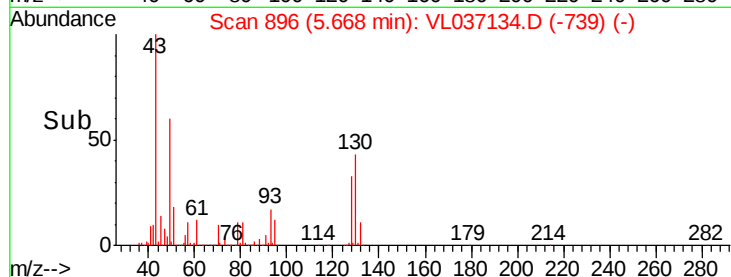
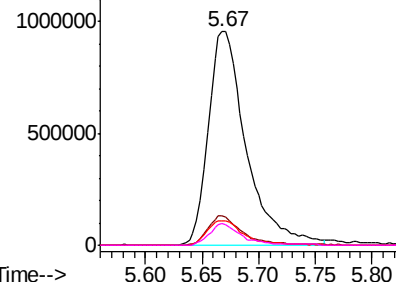
Abundance

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: 2.426 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

Tgt Ion: 57 Resp: 412247

Ion	Ratio	Lower	Upper
57	100		
41	100.1	70.5	105.7
43	555.6	165.8	248.8#
56	54.9	42.2	63.4

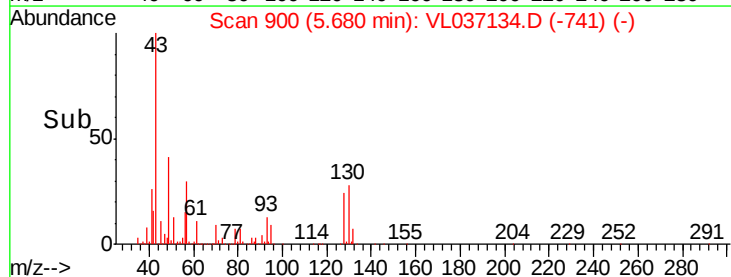
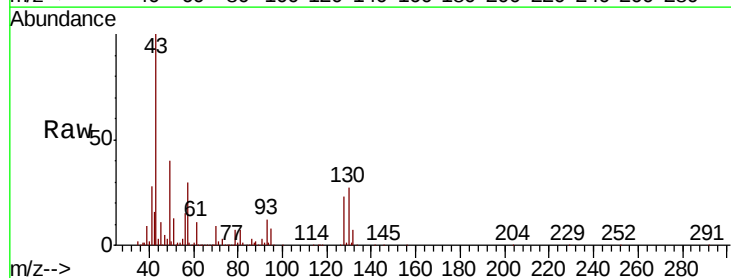
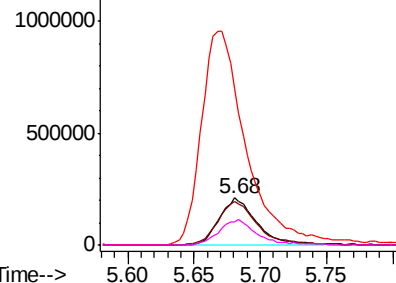
Abundance

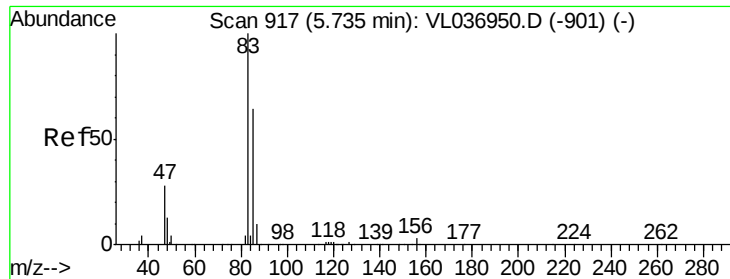
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#29

Chloroform

Concen: 0.262 ppbv

RT: 5.75 min Scan# 921

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

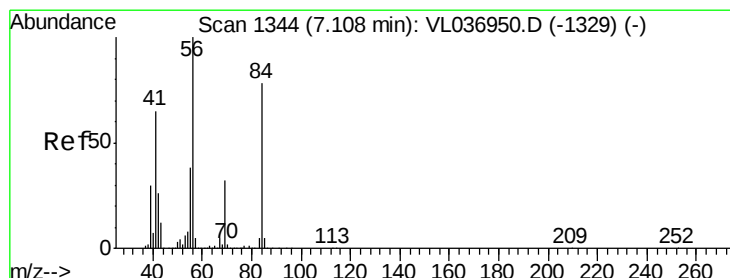
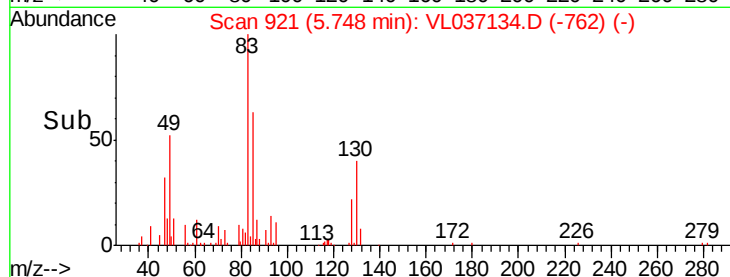
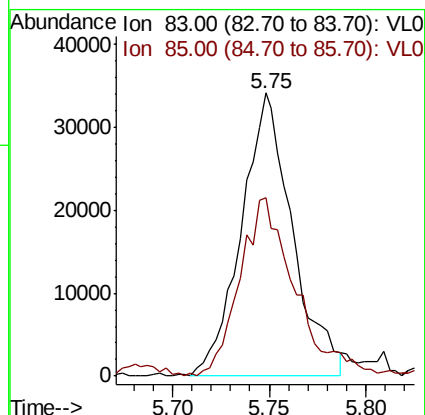
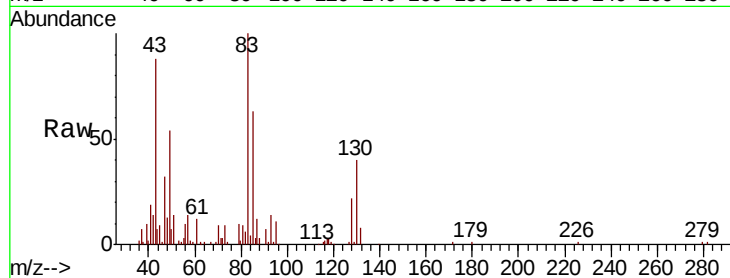
ClientSampleId :

Tot Ion: 83 Resp: 62960

Ion Ratio Lower Upper

83 100

85 61.7 51.1 76.7



#30

Cyclohexane

Concen: 0.031 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. 0.02 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

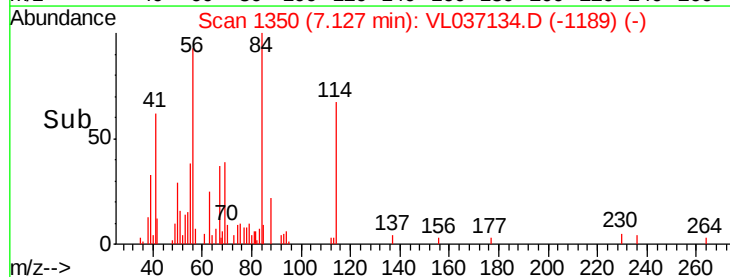
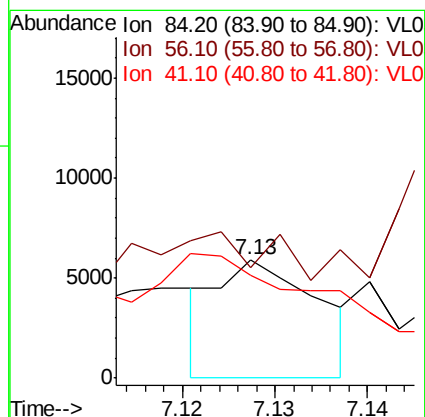
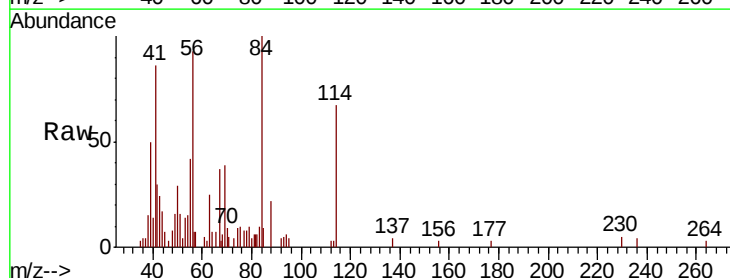
Tgt Ion: 84 Resp: 4455

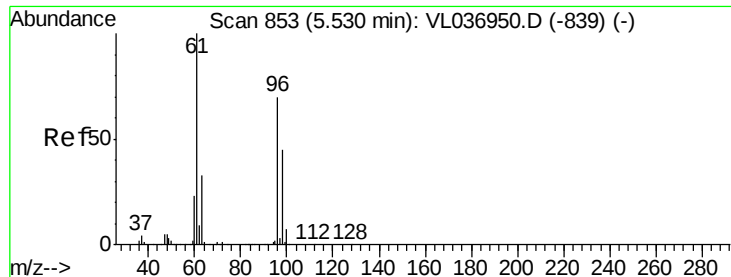
Ion Ratio Lower Upper

84 100

56 0.0 107.9 161.9#

41 402.7 65.5 98.3#



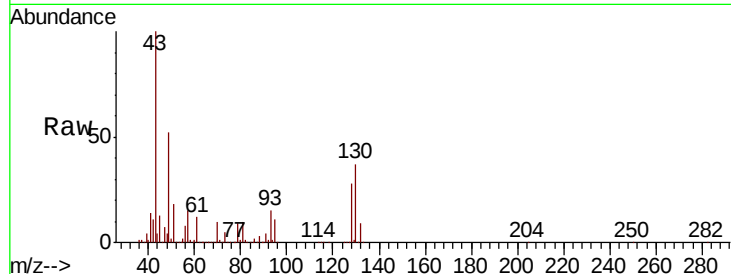


#31

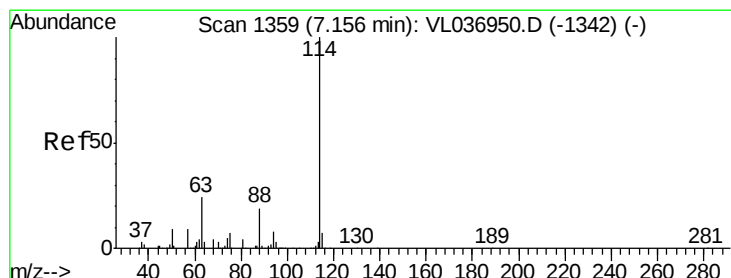
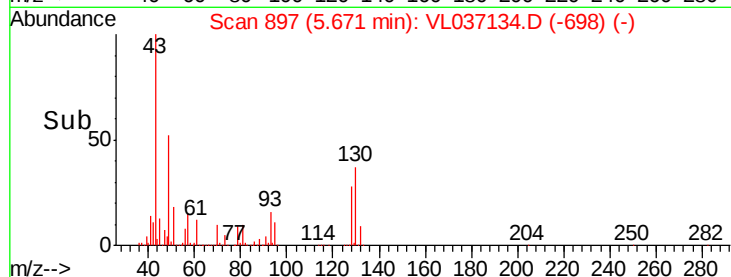
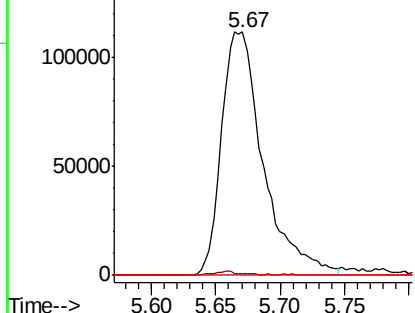
cis-1,2-Dichloroethene
 Concen: 1.649 ppbv
 RT: 5.67 min Scan# 897
 Delta R.T. 0.14 min
 Lab File: VL037134.D
 Acq: 8 Jun 2021 16:20

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
61	100		
96	0.6	55.9	83.9#
98	0.0	35.6	53.4#



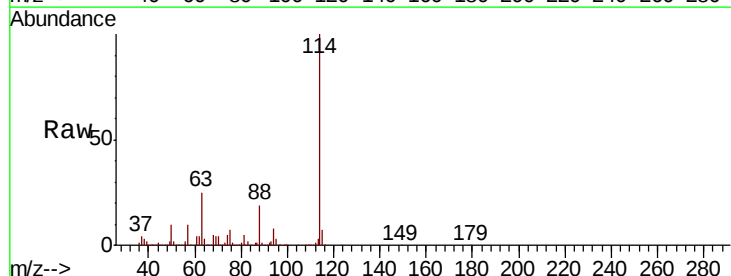
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



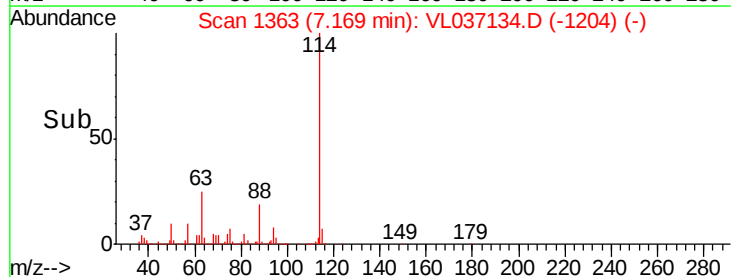
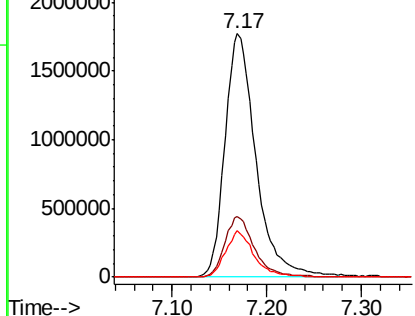
#33

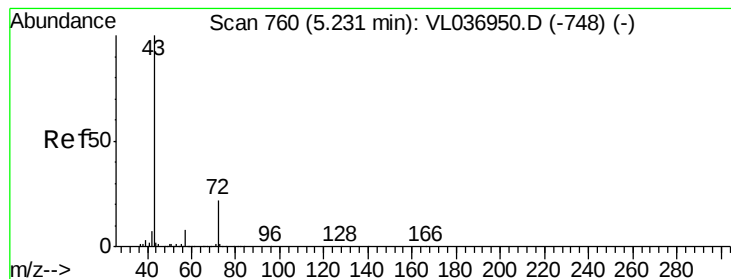
1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VL037134.D
 Acq: 8 Jun 2021 16:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.7	14.6	21.8



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: 1.126 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

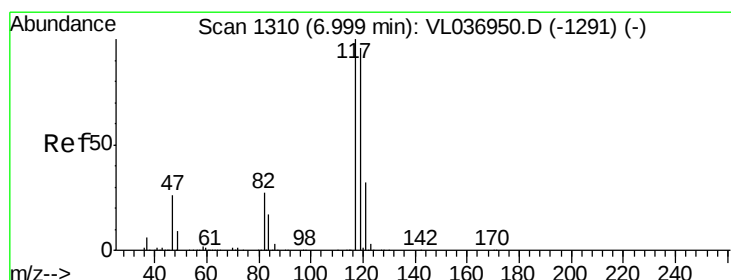
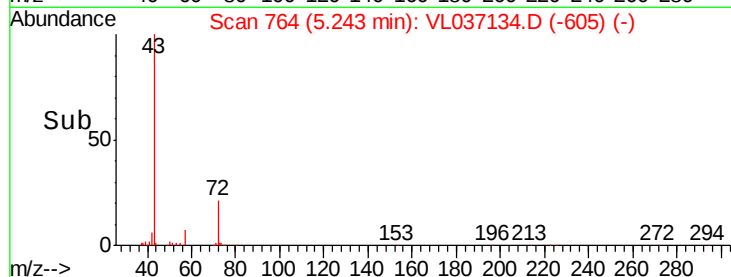
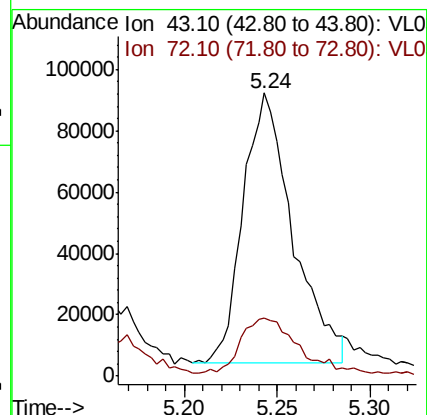
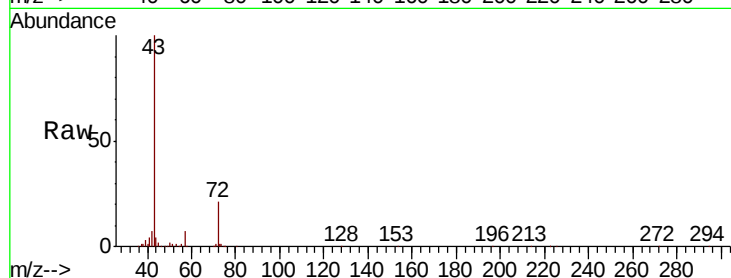
ClientSampleId :

Tot Ion: 43 Resp: 164897

Ion Ratio Lower Upper

43 100

72 27.6 19.0 28.4



#35

Carbon Tetrachloride

Concen: 0.035 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

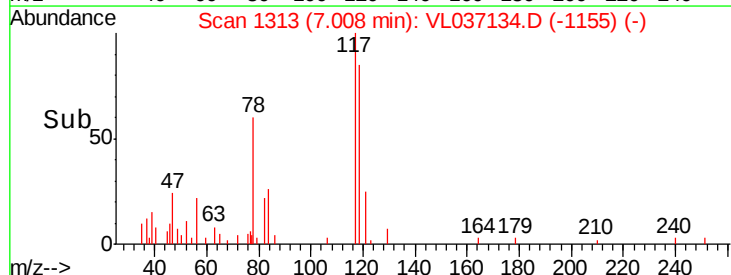
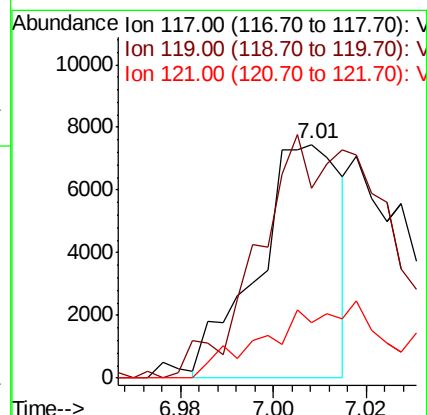
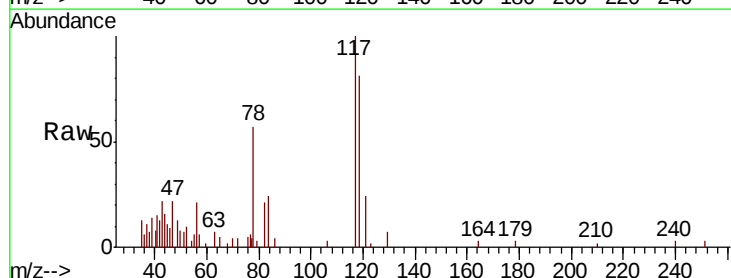
Tgt Ion: 117 Resp: 9304

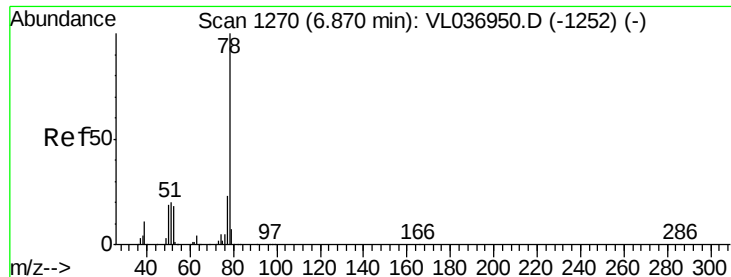
Ion Ratio Lower Upper

117 100

119 66.9 76.6 114.8#

121 24.7 25.8 38.6#





#36

Benzene

Concen: 3.983 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. 0.02 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

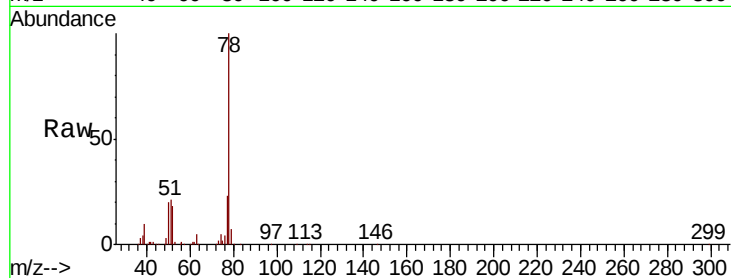
Tot Ion: 78 Resp: 1379444

Ion Ratio Lower Upper

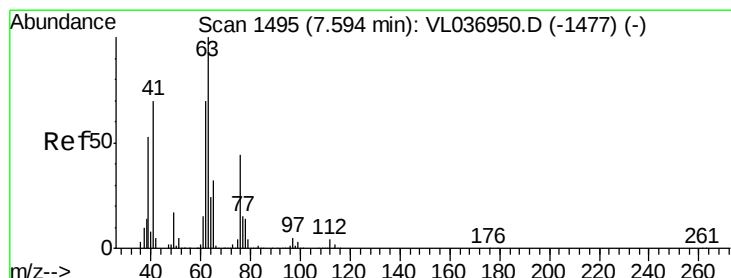
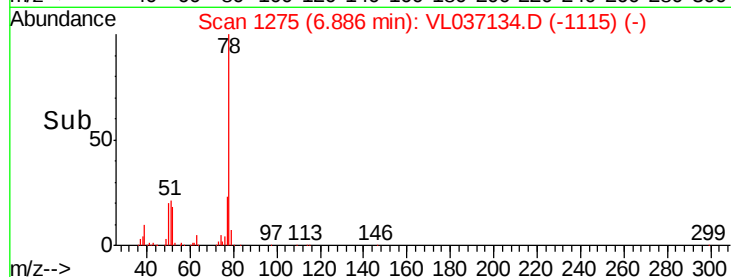
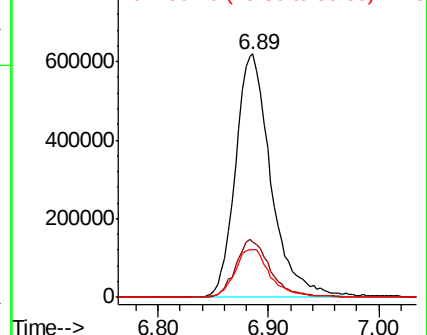
78 100

77 23.0 18.6 28.0

50 19.5 15.0 22.4



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



#39

1,2-Dichloropropane

Concen: 7.158 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.42 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

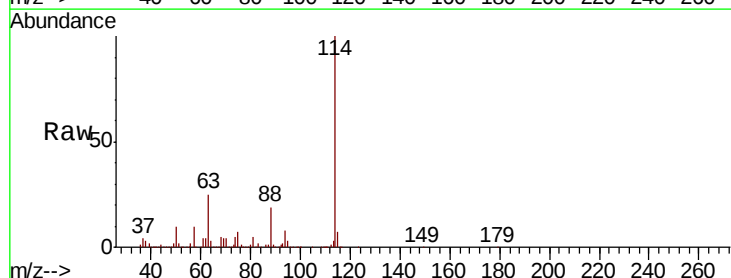
Tgt Ion: 63 Resp: 954950

Ion Ratio Lower Upper

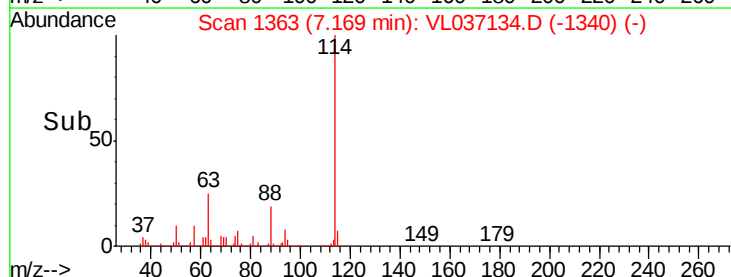
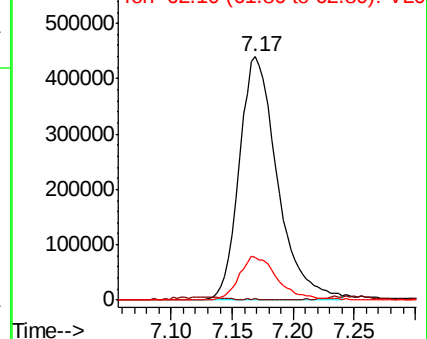
63 100

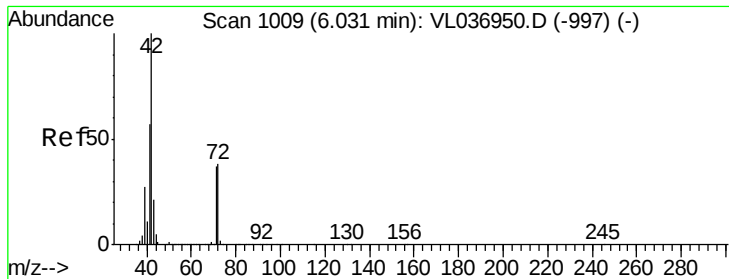
41 0.0 55.7 83.5#

62 17.7 56.2 84.4#



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





#41

Tetrahydrofuran

Concen: 0.050 ppbv

RT: 6.04 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

ClientSampled :

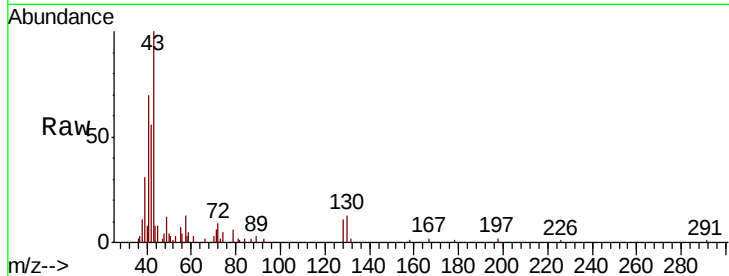
Tot Ion: 42 Resp: 4189

Ion Ratio Lower Upper

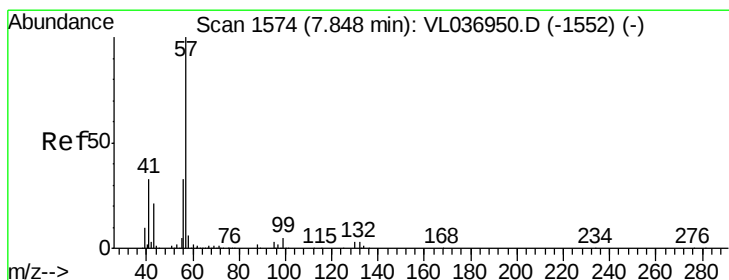
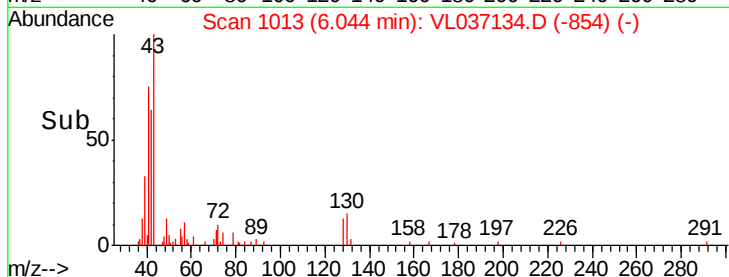
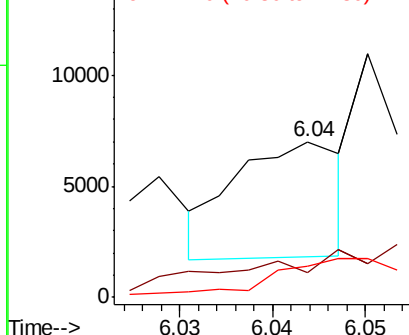
42 100

72 0.0 31.4 47.2#

71 0.0 30.4 45.6#



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.107 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

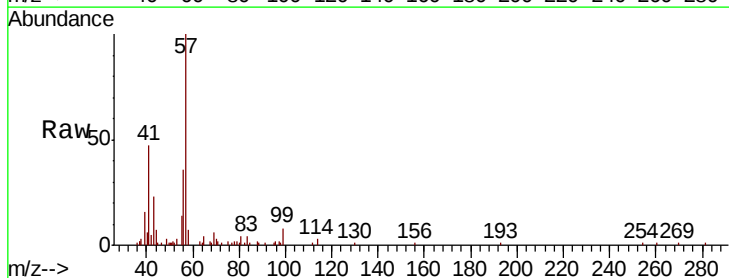
Tgt Ion: 57 Resp: 63435

Ion Ratio Lower Upper

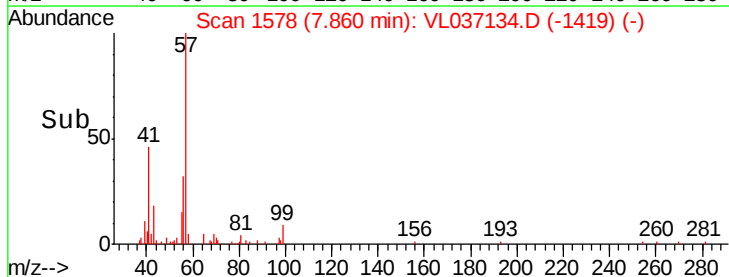
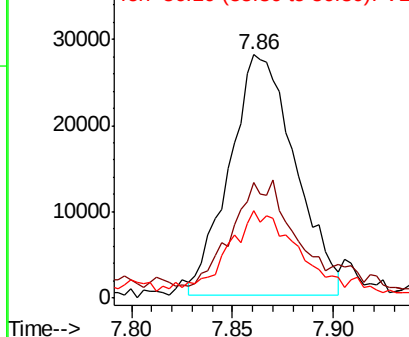
57 100

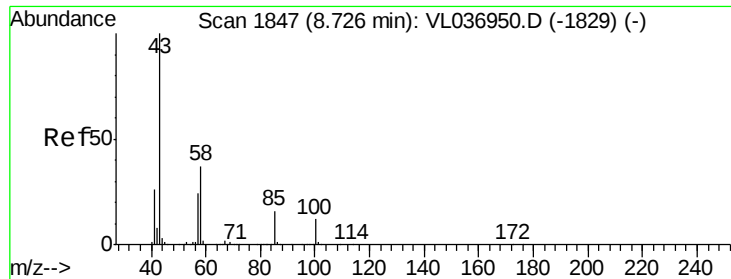
41 58.6 27.0 40.4#

56 43.6 25.4 38.2#



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

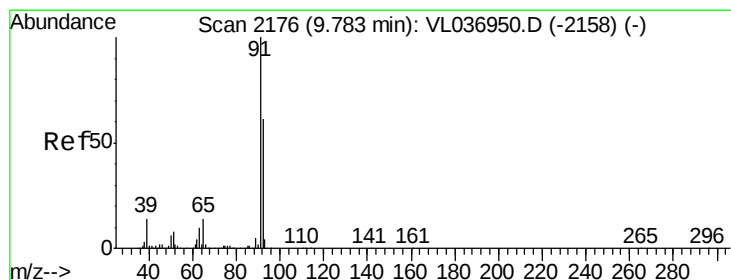
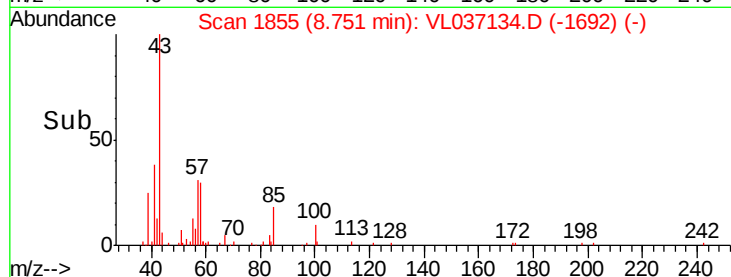
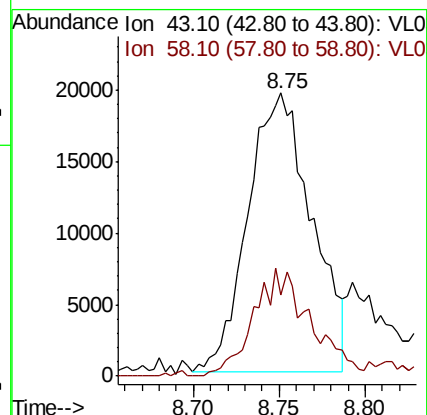
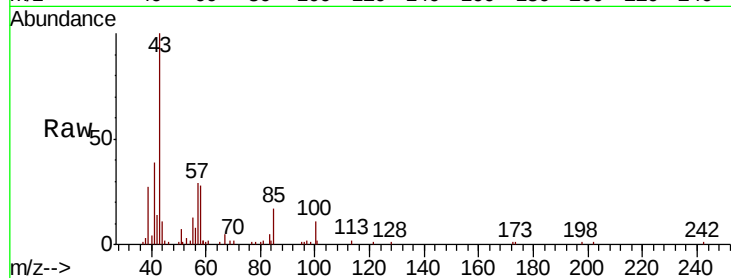




#50
 4-Methyl-2-Pentanone
 Concen: 0.209 ppbv
 RT: 8.75 min Scan# 1855
 Delta R.T. 0.03 min
 Lab File: VL037134.D
 Acq: 8 Jun 2021 16:20

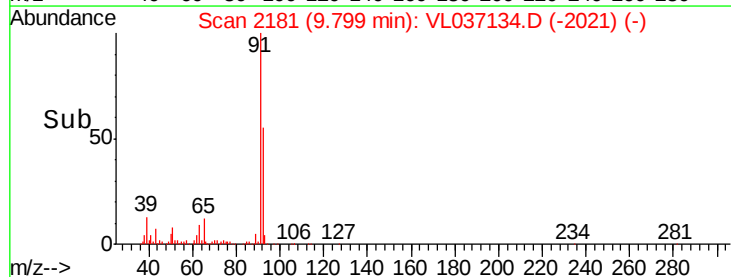
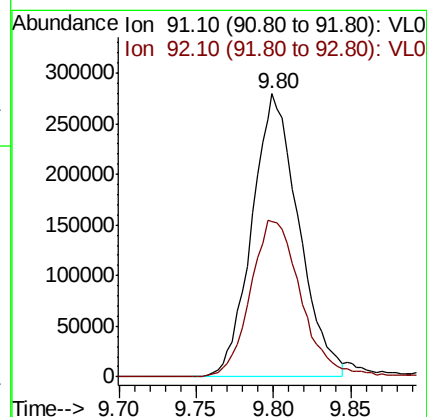
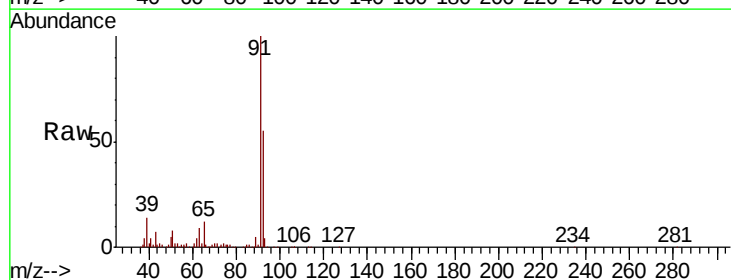
Instrument :
 MSVOA_L
 ClientSampleID :

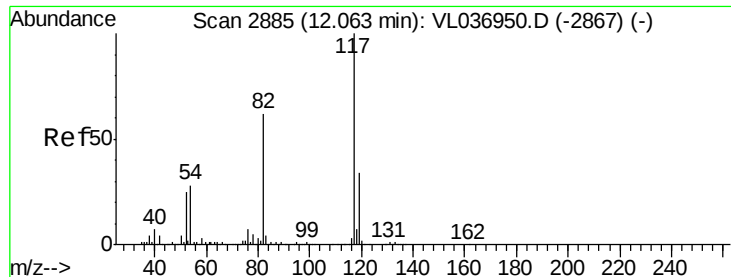
Tot Ion: 43 Resp: 50456
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.4 44.2



#53
 Toluene
 Concen: 1.431 ppbv
 RT: 9.80 min Scan# 2181
 Delta R.T. 0.02 min
 Lab File: VL037134.D
 Acq: 8 Jun 2021 16:20

Tgt Ion: 91 Resp: 589589
 Ion Ratio Lower Upper
 91 100
 92 60.8 49.5 74.3

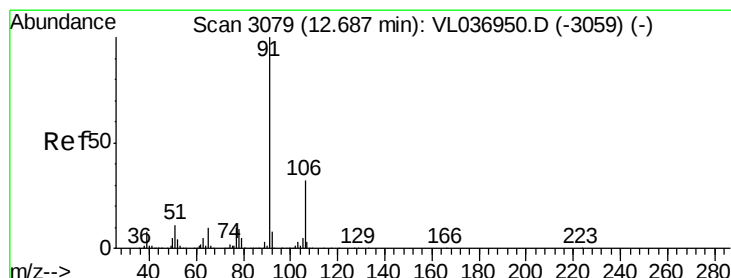
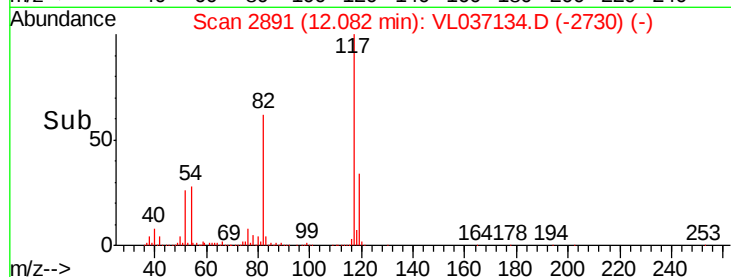
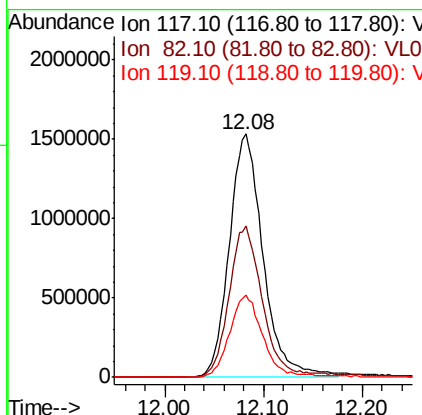
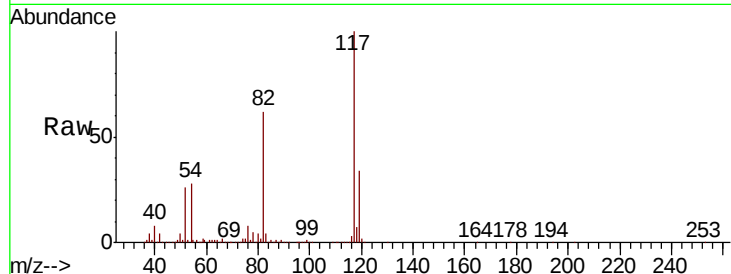




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.02 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

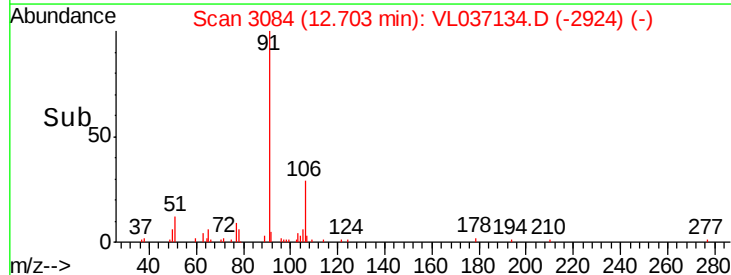
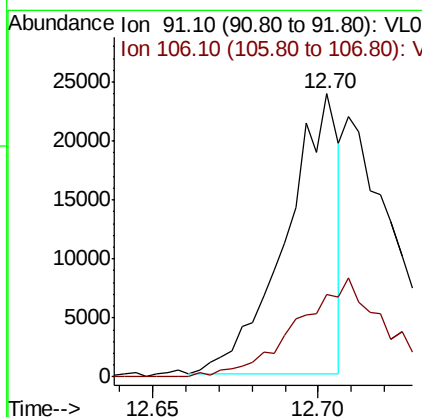
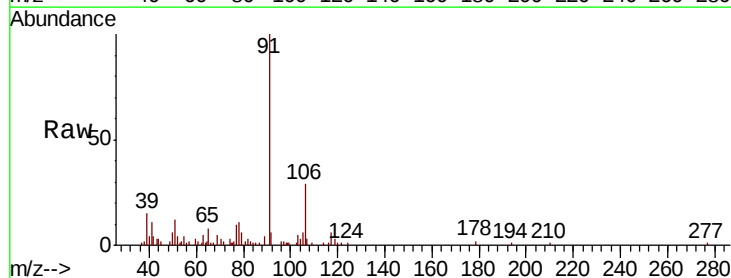
Instrument :
MSVOA_L
ClientSampleId :

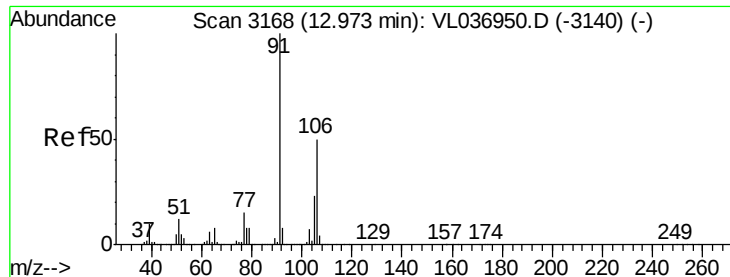
Tot Ion:117 Resp: 3668298
Ion Ratio Lower Upper
117 100
82 63.1 52.6 79.0
119 33.6 46.6 70.0#



#58
Ethyl Benzene
Concen: 0.051 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.02 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

Tgt Ion: 91 Resp: 26456
Ion Ratio Lower Upper
91 100
106 29.4 25.6 38.4

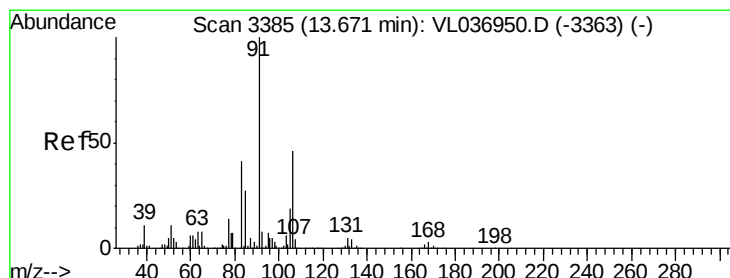
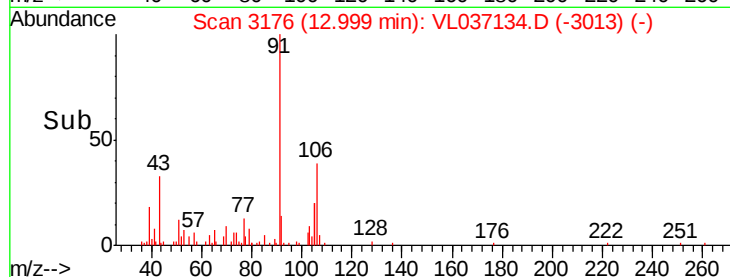
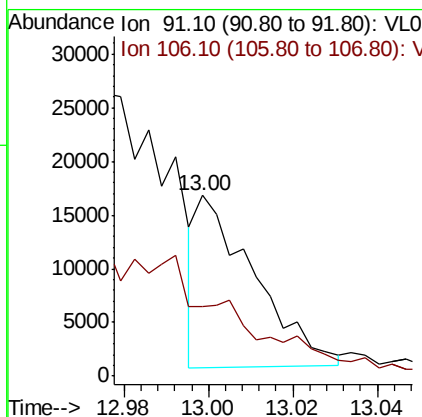
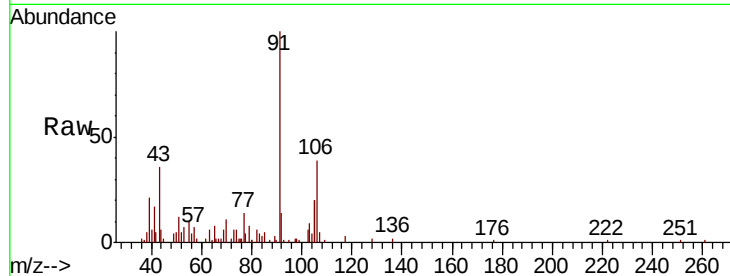




#59
m/p-Xylene
Concen: 0.035 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.03 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

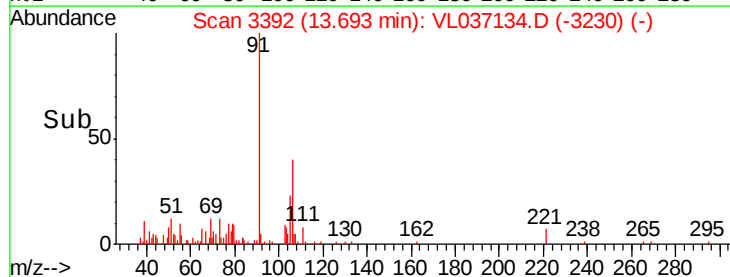
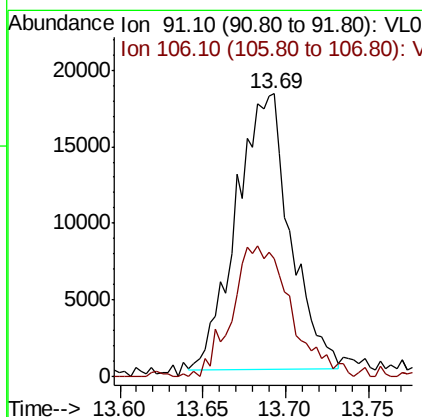
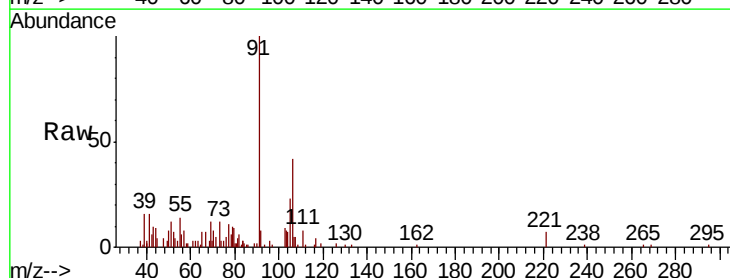
Instrument :
MSVOA_L
ClientSampled :

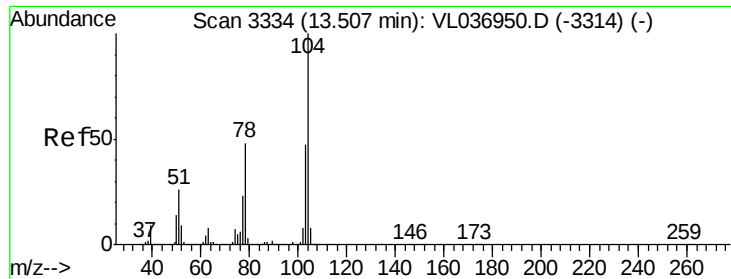
Tot Ion: 91 Resp: 15152
Ion Ratio Lower Upper
91 100
106 0.0 37.4 56.2#



#60
o-Xylene
Concen: 0.100 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL037134.D
Acq: 8 Jun 2021 16:20

Tgt Ion: 91 Resp: 40849
Ion Ratio Lower Upper
91 100
106 52.2 23.4 70.3





#61

Stvrene

Concen: 0.150 ppbv

RT: 13.52 min Scan# 3338

Delta R.T. 0.01 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

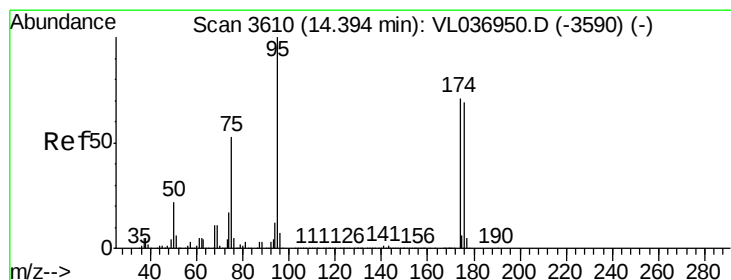
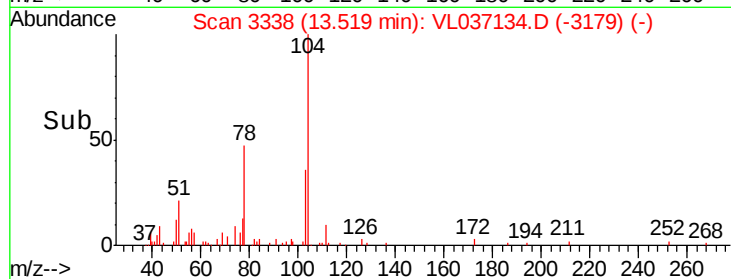
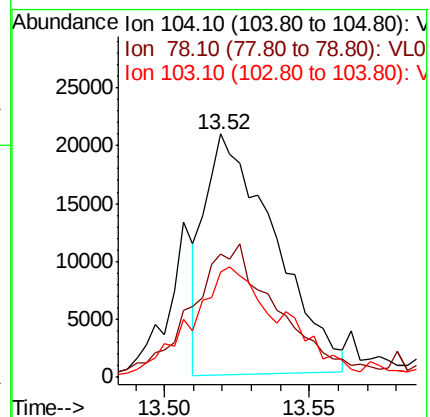
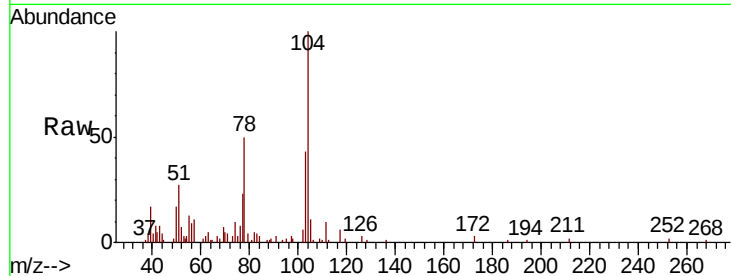
Tot Ion:104 Resp: 34544

Ion Ratio Lower Upper

104 100

78 78.2 39.0 58.6#

103 62.5 38.0 57.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.890 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.02 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

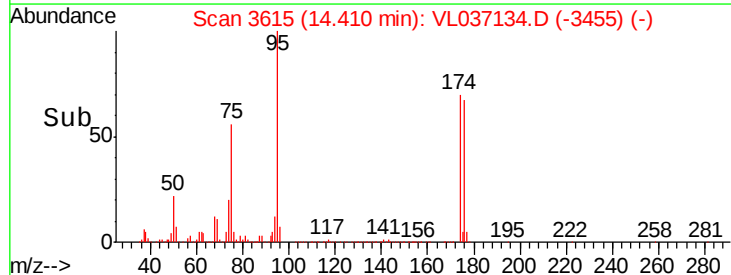
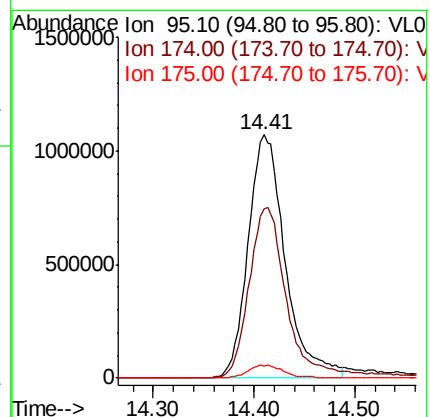
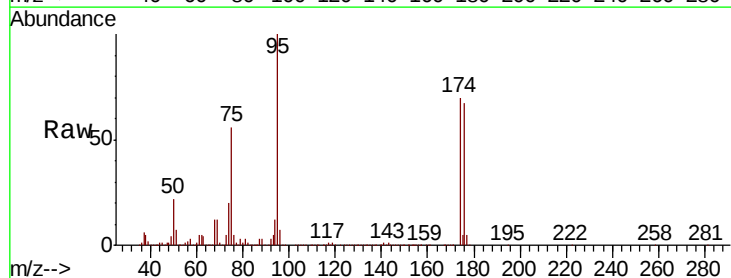
Tgt Ion: 95 Resp: 2725325

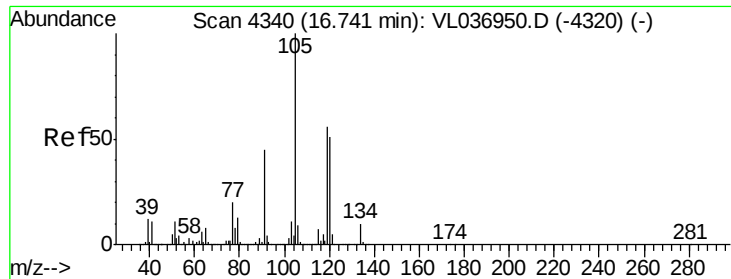
Ion Ratio Lower Upper

95 100

174 73.2 58.4 87.6

175 5.4 4.4 6.6





#74

1,2,4-Trimethylbenzene

Concen: 0.101 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.02 min

Lab File: VL037134.D

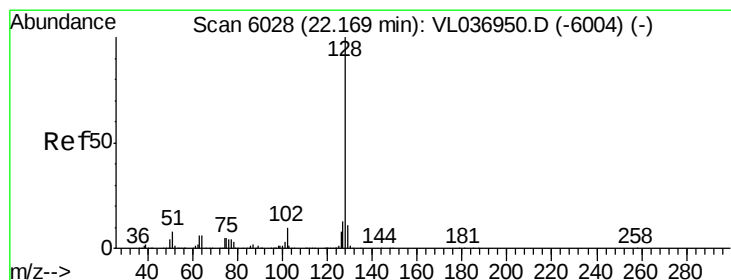
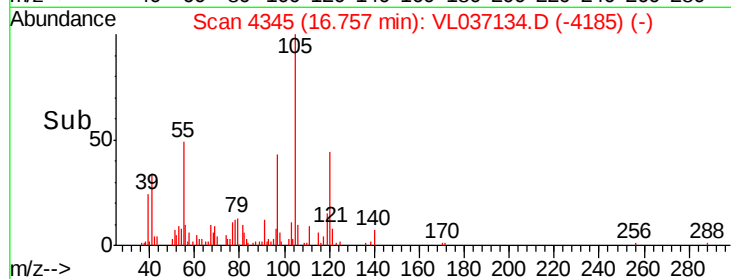
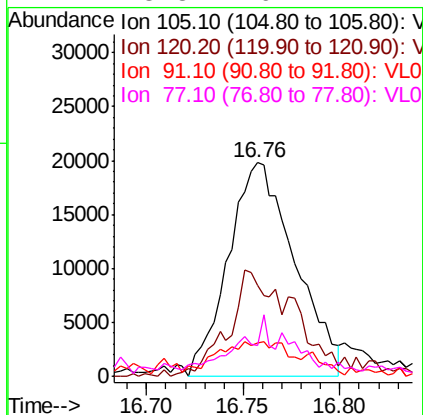
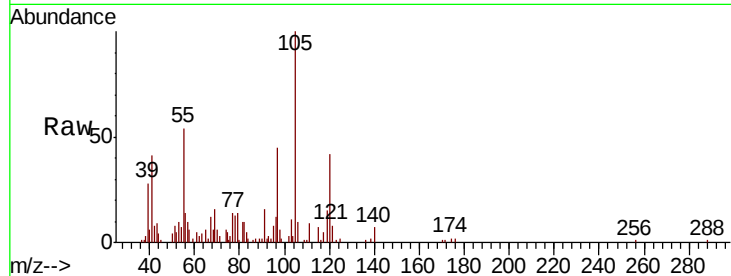
Acq: 8 Jun 2021 16:20

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	47464
Ion	Ratio	Lower	Upper
105	100		
120	39.1	40.6	61.0#
91	13.1	37.4	56.0#
77	8.8	16.2	24.4#



#79

Naphthalene

Concen: 0.032 ppbv

RT: 22.20 min Scan# 6039

Delta R.T. 0.04 min

Lab File: VL037134.D

Acq: 8 Jun 2021 16:20

Tgt Ion:	128	Resp:	11687
Ion	Ratio	Lower	Upper
128	100		
127	0.6	10.4	15.6#
129	0.0	9.0	13.6#

