

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037261.D
 Acq On : 29 Jun 2021 22:49
 Operator : SY/AP
 Sample : M2887-04 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 30 05:23:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1657126	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	4800272	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	4440682	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	3336200	9.91	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

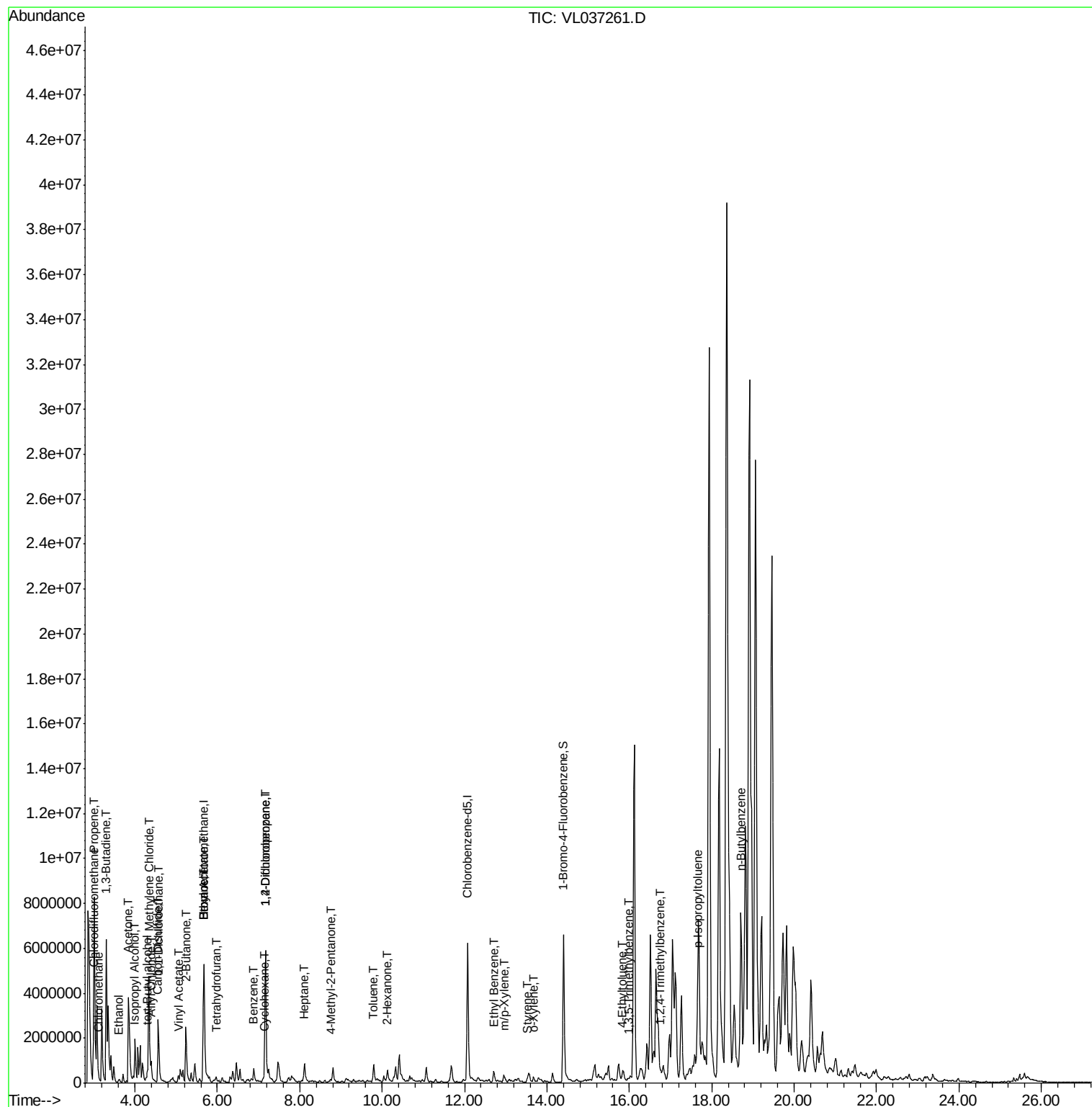
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	14889	0.046	ppbv	95
4) Chloromethane	3.13	50	9227	0.086	ppbv #	85
9) Propene	3.01	41	4667148	45.300	ppbv	95
10) Heptane	8.11	43	399445	1.601	ppbv	98
13) Ethanol	3.61	45	163342	10.249	ppbv	51
15) Acetone	3.84	43	5479906	29.325	ppbv	99
16) 1,3-Butadiene	3.30	39	2418217	21.890	ppbv #	34
17) tert-Butyl alcohol	4.30	59	105943	0.613	ppbv #	71
19) Isopropyl Alcohol	3.98	45	94026	0.831	ppbv #	91
20) Methylene Chloride	4.34	84	2050762	18.331	ppbv	98
21) Allyl Chloride	4.39	41	90133	0.640	ppbv #	1
23) Vinyl Acetate	5.05	43	98594	0.368	ppbv #	6
24) 1,1-Dichloroethane	4.57	63	204475	0.948	ppbv #	89
25) Ethyl Acetate	5.68	43	1207618	2.985	ppbv #	78
26) Hexane	5.68	57	1710199	8.364	ppbv #	45
27) Carbon Disulfide	4.55	76	32306	0.161	ppbv #	70
30) Cyclohexane	7.12	84	66105	0.388	ppbv #	77
34) 2-Butanone	5.24	43	3429342	18.369	ppbv	100
36) Benzene	6.88	78	535503	1.380	ppbv	98
39) 1,2-Dichloropropane	7.17	63	1180640	8.185	ppbv #	23
41) Tetrahydrofuran	5.97	42	45598	0.526	ppbv #	37
50) 4-Methyl-2-Pentanone	8.75	43	40478	0.158	ppbv #	65
51) 2-Hexanone	10.13	43	480252	3.849	ppbv #	94
53) Toluene	9.80	91	666648	1.438	ppbv	98
58) Ethyl Benzene	12.70	91	141870	0.232	ppbv	90
59) m/p-Xylene	12.96	91	311580	0.601	ppbv	97
60) o-Xylene	13.68	91	101108	0.205	ppbv	98
61) Styrene	13.52	104	21782	0.086	ppbv #	46
69) p-Isopropyltoluene	17.64	119	151051	0.216	ppbv #	57
70) n-Butylbenzene	18.70	91	32260	0.050	ppbv	93
72) 4-Ethyltoluene	15.82	105	19178	0.034	ppbv #	38
73) 1,3,5-Trimethylbenzene	15.98	105	23984	0.044	ppbv	96
74) 1,2,4-Trimethylbenzene	16.75	105	167034	0.299	ppbv #	69

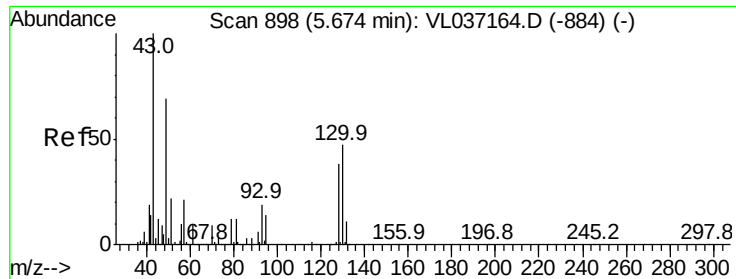
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 14:06:32 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

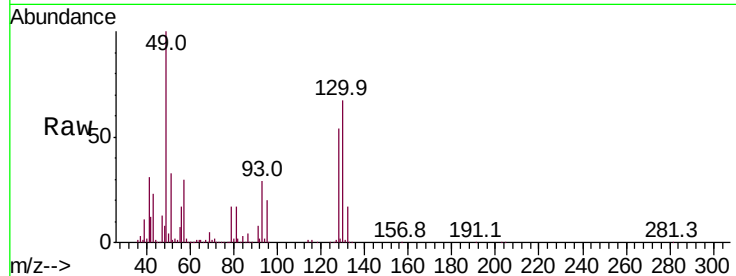
Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1657126

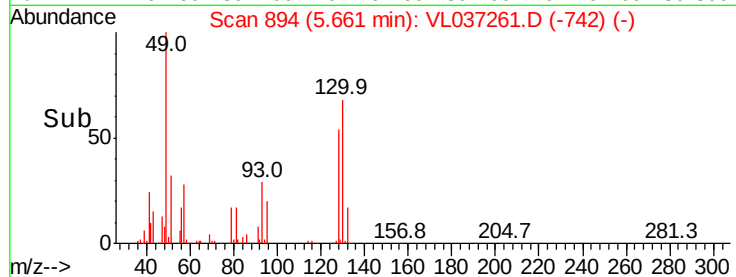
Ion	Ratio	Lower	Upper
49	100		
128	55.6	29.3	88.0
130	69.9	35.9	107.8



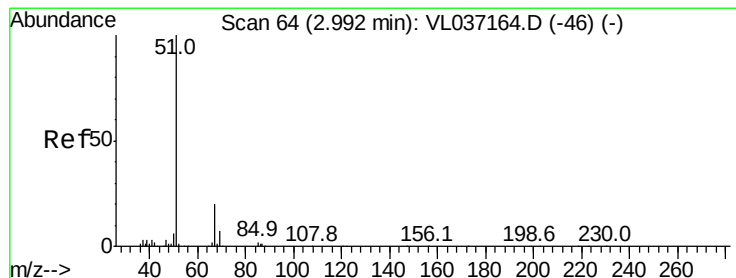
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#3

Chlorodifluoromethane

Concen: 0.046 ppbv

RT: 2.98 min Scan# 61

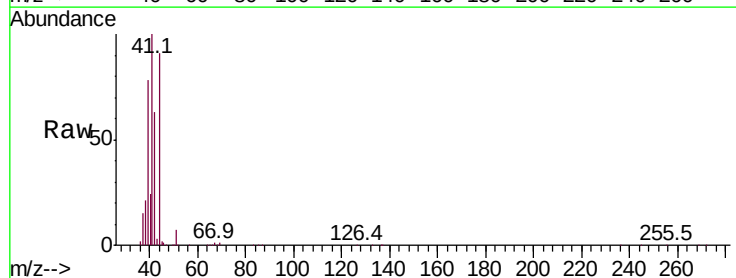
Delta R.T. -0.01 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

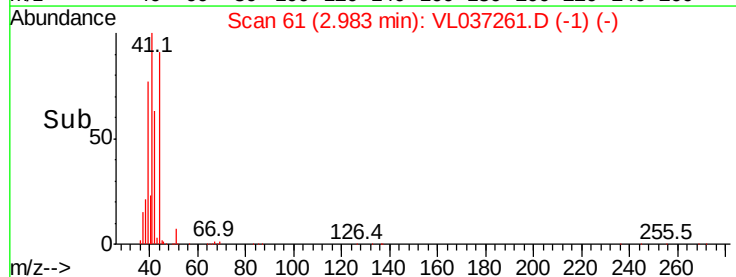
Tgt Ion: 51 Resp: 14889

Ion	Ratio	Lower	Upper
51	100		
67	22.1	15.8	23.6

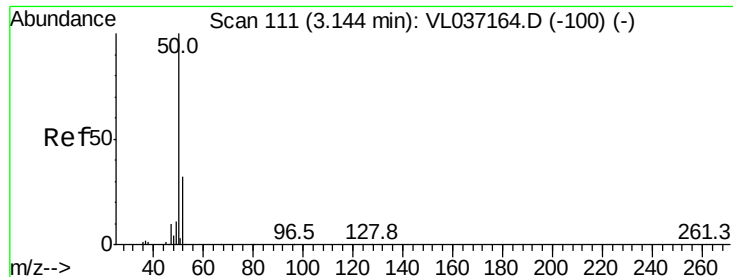


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



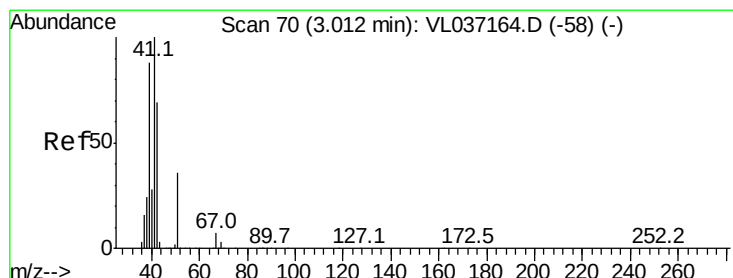
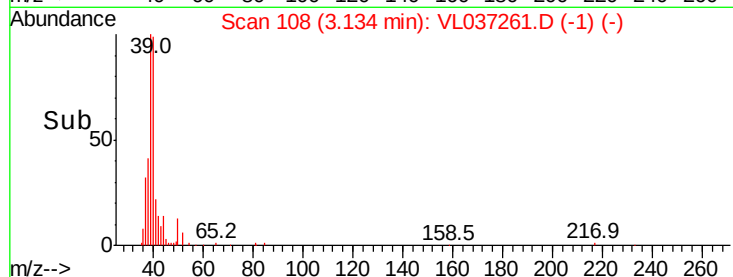
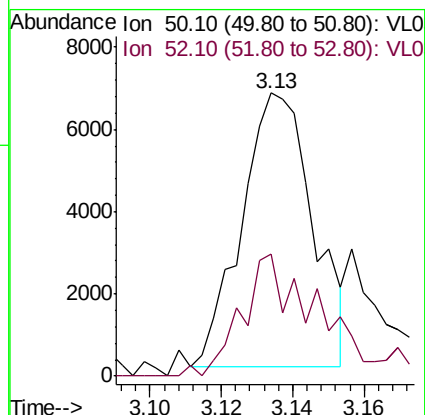
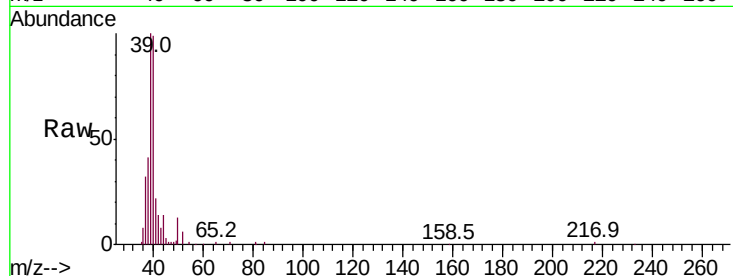
Time-->



#4
Chloromethane
Concen: 0.086 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

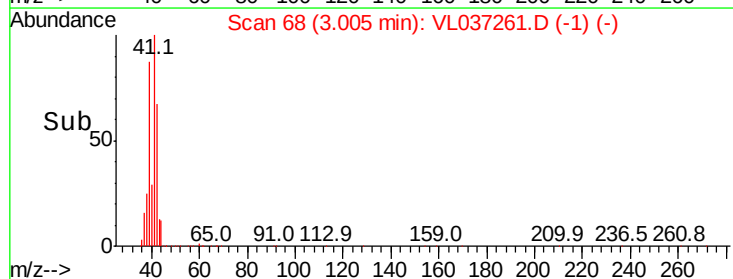
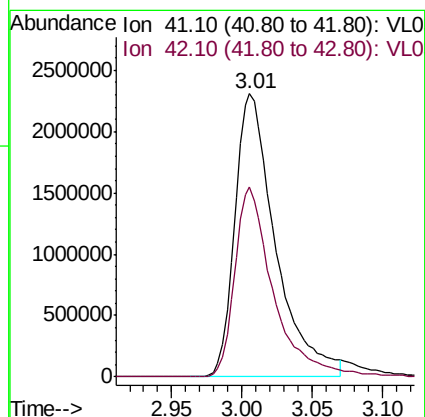
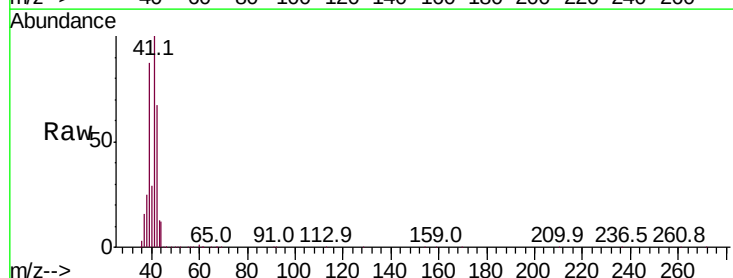
Instrument :
MSVOA_L
ClientSampleId :

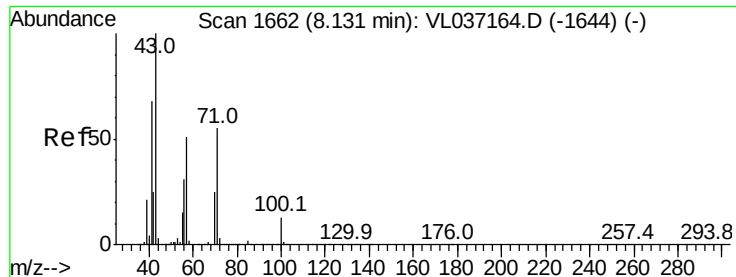
Tot Ion: 50 Resp: 9227
Ion Ratio Lower Upper
50 100
52 40.8 25.8 38.8#



#9
Propene
Concen: 45.300 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 41 Resp: 4667148
Ion Ratio Lower Upper
41 100
42 64.0 54.5 81.7

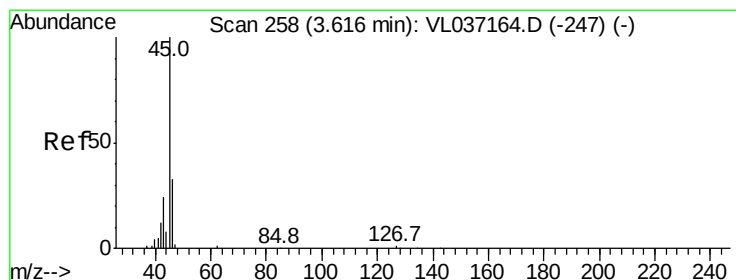
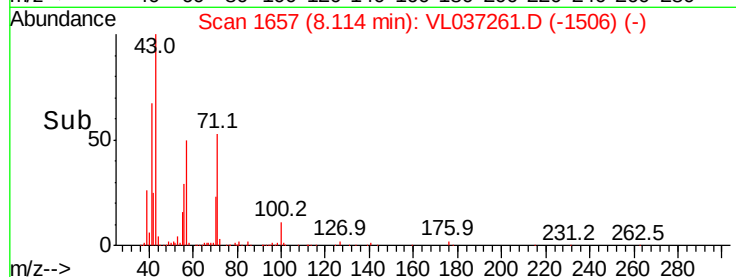
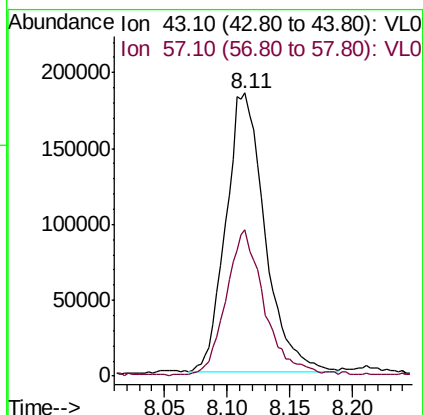
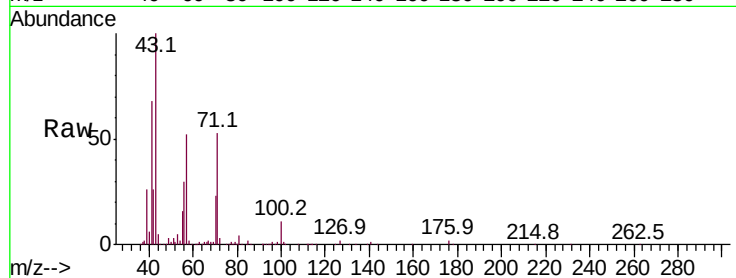




#10
 Heptane
 Concen: 1.601 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: VL037261.D
 Acq: 29 Jun 2021 22:49

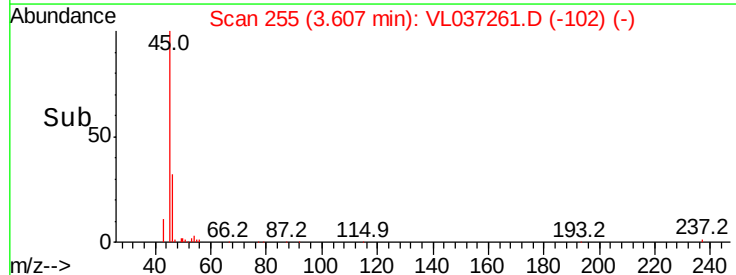
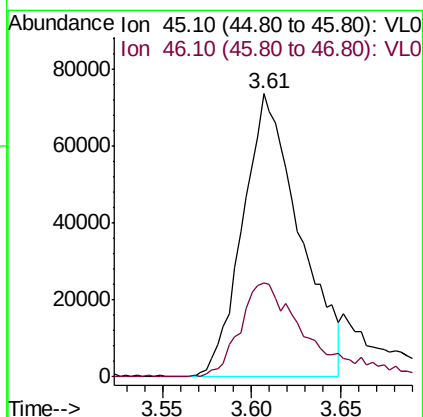
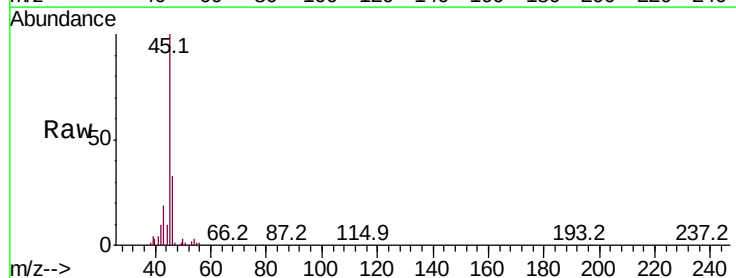
Instrument :
 MSVOA_L
 ClientSampleId :

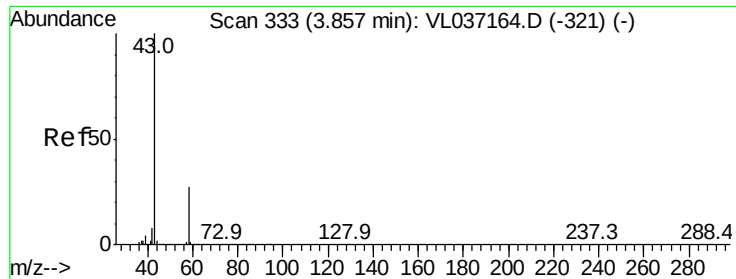
Tot Ion: 43 Resp: 399445
 Ion Ratio Lower Upper
 43 100
 57 52.0 40.6 61.0



#13
 Ethanol
 Concen: 10.249 ppbv
 RT: 3.61 min Scan# 255
 Delta R.T. -0.01 min
 Lab File: VL037261.D
 Acq: 29 Jun 2021 22:49

Tgt Ion: 45 Resp: 163342
 Ion Ratio Lower Upper
 45 100
 46 40.9 34.2 137.0





#15

Acetone

Concen: 29.325 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.02 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

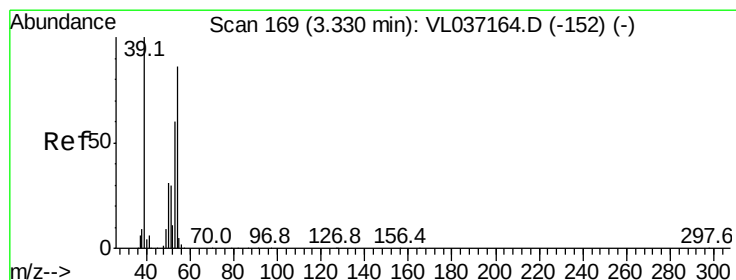
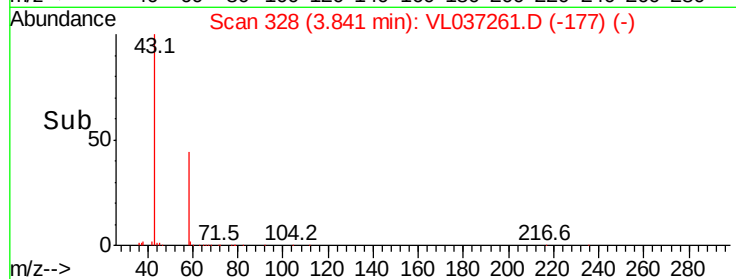
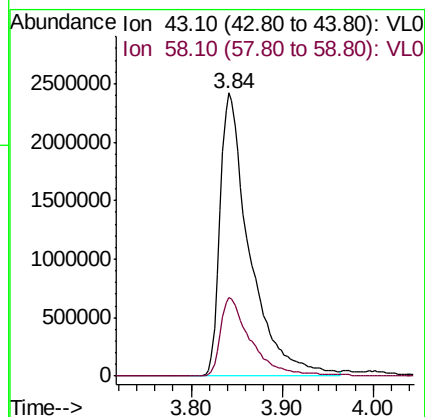
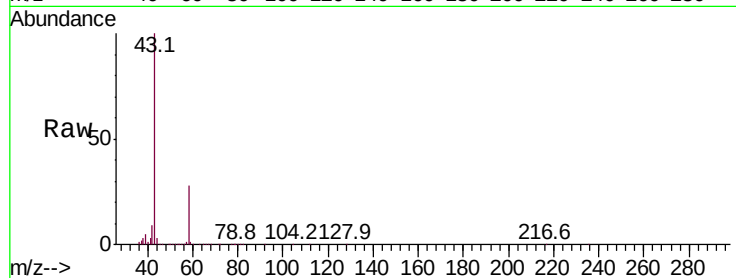
ClientSampleId :

Tot Ion: 43 Resp: 5479906

Ion Ratio Lower Upper

43 100

58 29.3 23.7 35.5



#16

1,3-Butadiene

Concen: 21.890 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL037261.D

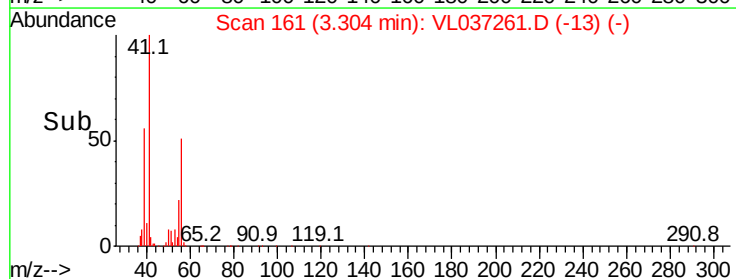
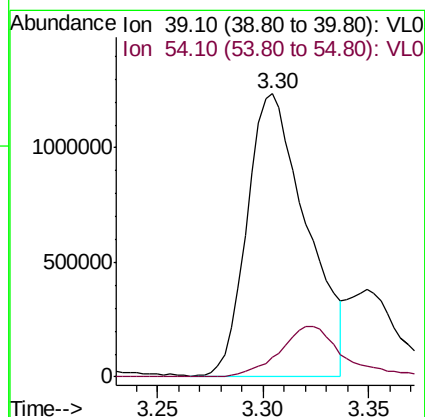
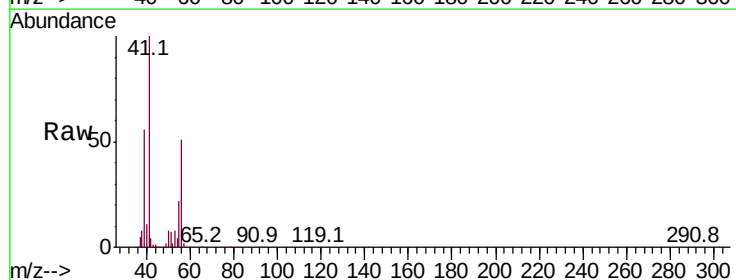
Acq: 29 Jun 2021 22:49

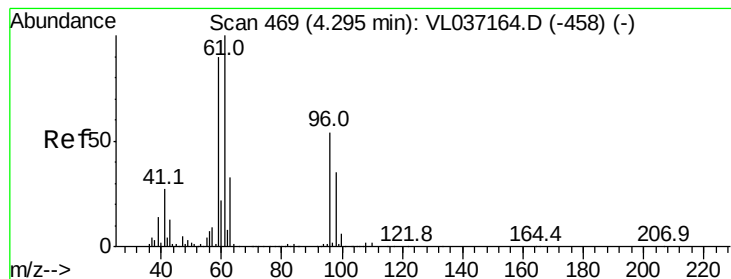
Tgt Ion: 39 Resp: 2418217

Ion Ratio Lower Upper

39 100

54 19.4 61.2 91.8#



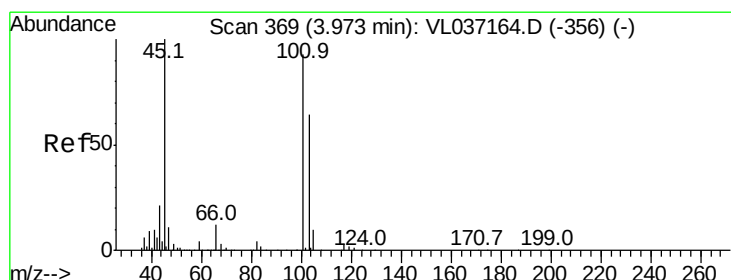
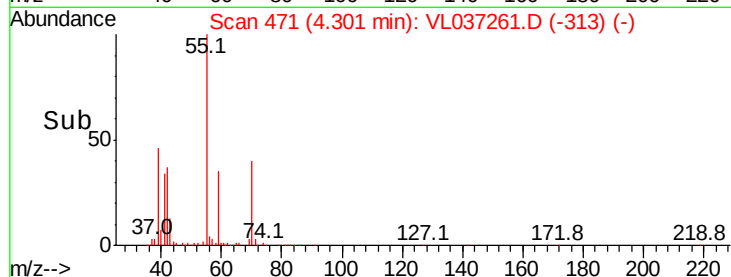
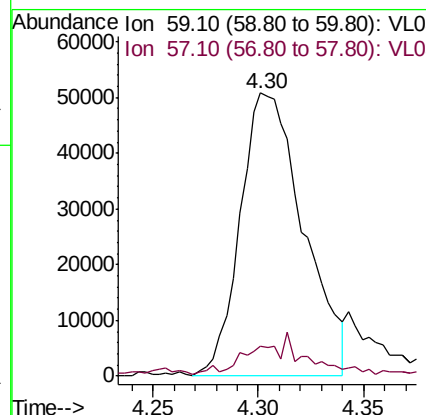
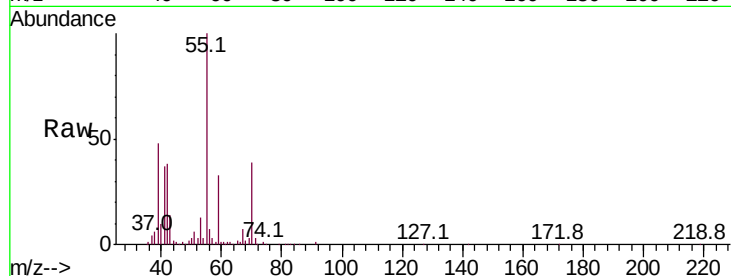


#17

tert-Butyl alcohol
Concen: 0.613 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Instrument :
MSVOA_L
ClientSampled :

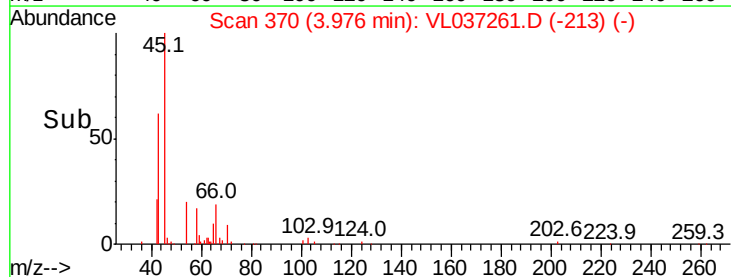
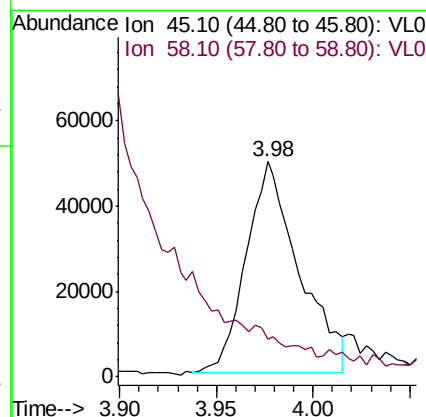
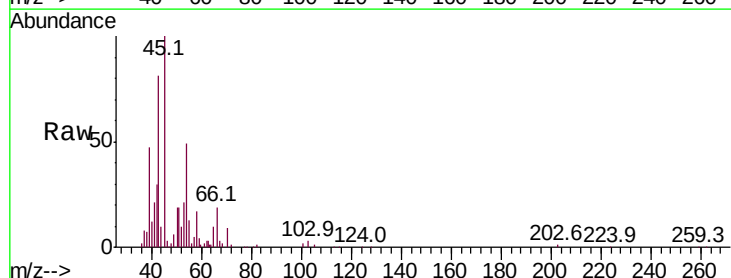
Tot Ion: 59 Resp: 105943
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

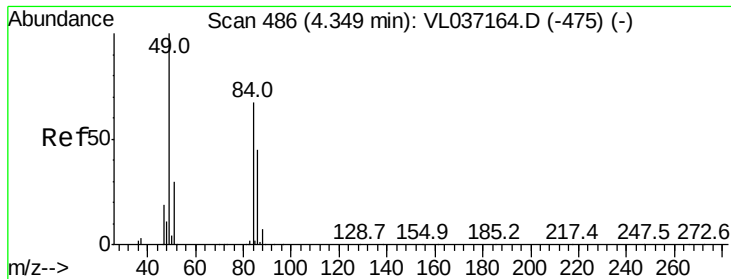


#19

Isopropyl Alcohol
Concen: 0.831 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.00 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 45 Resp: 94026
Ion Ratio Lower Upper
45 100
58 0.0 2.4 3.6#





#20

Methylene Chloride

Concen: 18.331 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

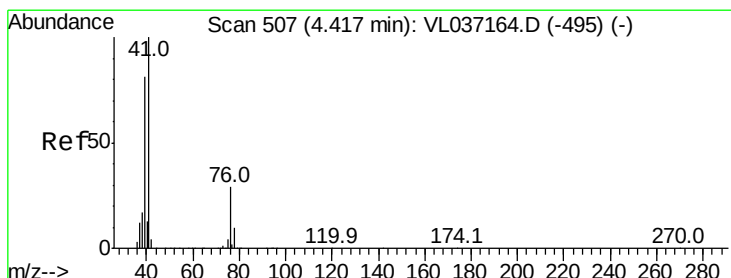
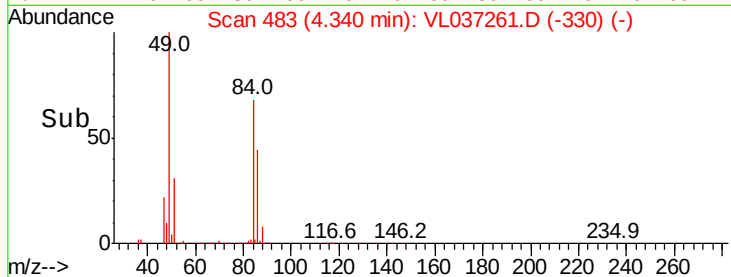
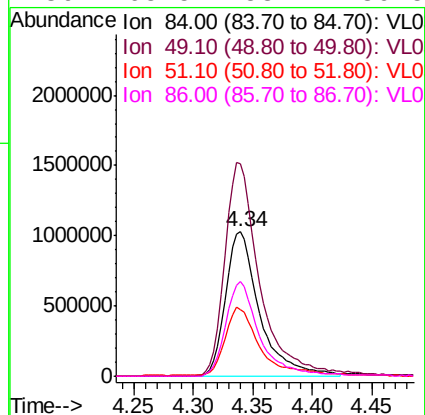
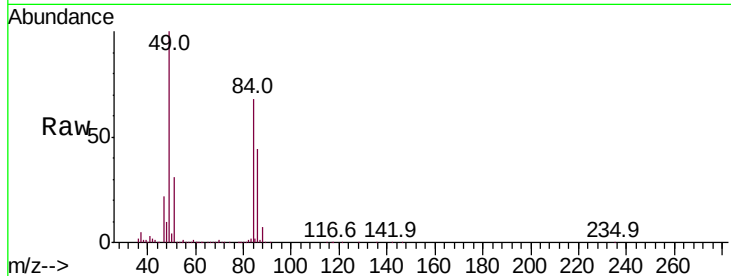
Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp: 2050762

Ion	Ratio	Lower	Upper
84	100		
49	147.2	119.7	179.5
51	44.9	36.1	54.1
86	65.5	53.7	80.5



#21

Allyl Chloride

Concen: 0.640 ppbv

RT: 4.39 min Scan# 500

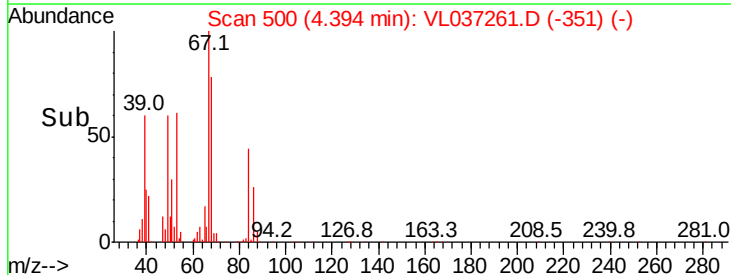
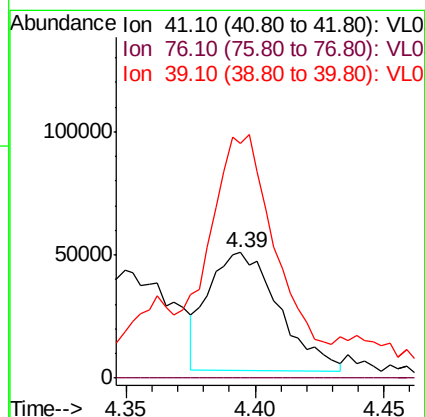
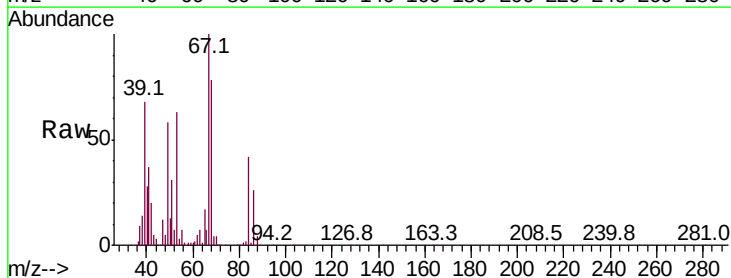
Delta R.T. -0.02 min

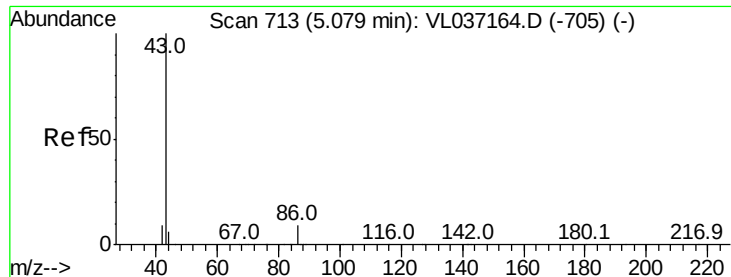
Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Tgt Ion: 41 Resp: 90133

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	37.0#
39	256.8	65.4	98.0#





#23

Vinyl Acetate

Concen: 0.368 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.03 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 98594

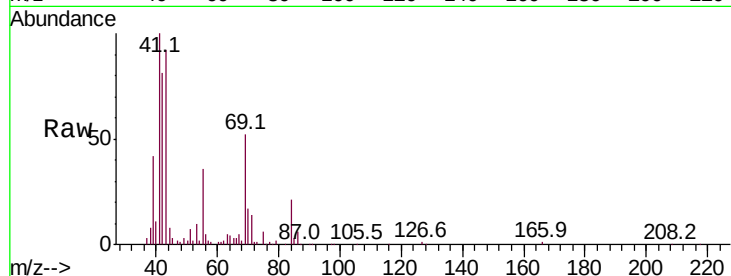
Ion Ratio Lower Upper

43 100

86 6.3 5.8 8.8

42 86.2 8.2 12.2#

44 2.5 4.2 6.4#

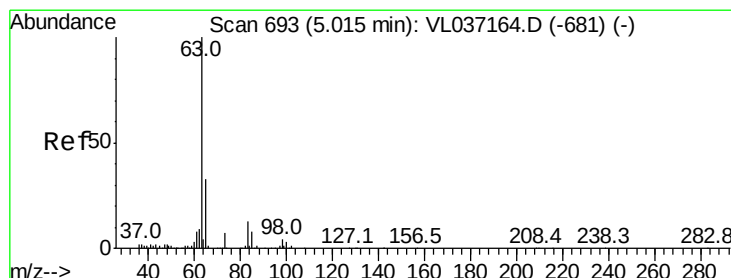
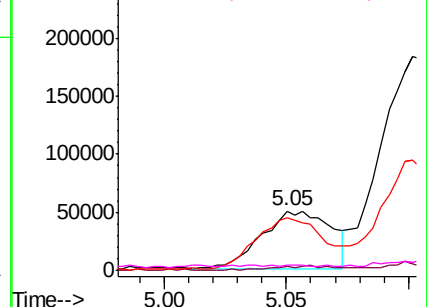
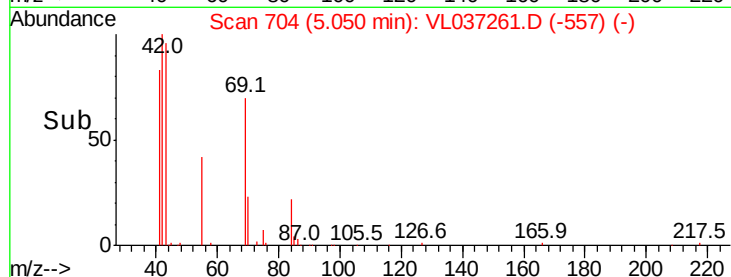


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.948 ppbv

RT: 4.57 min Scan# 554

Delta R.T. -0.45 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

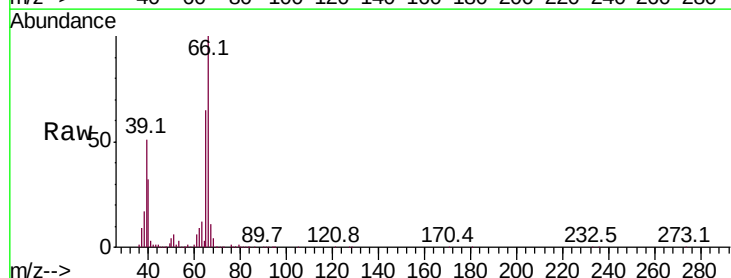
Tgt Ion: 63 Resp: 204475

Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.5#

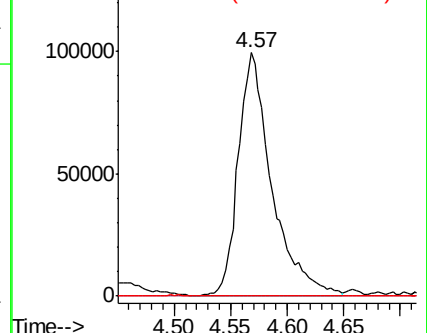
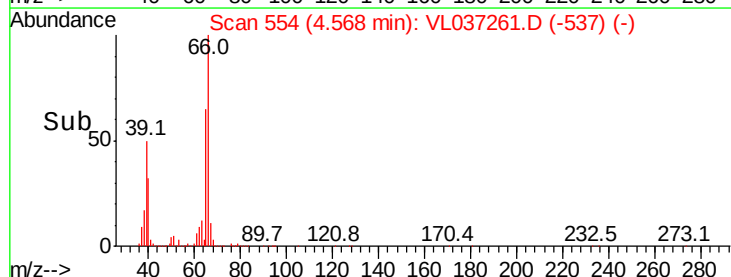
100 0.0 1.4 4.0#

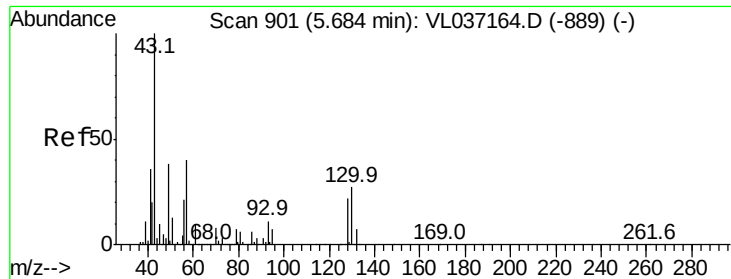


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

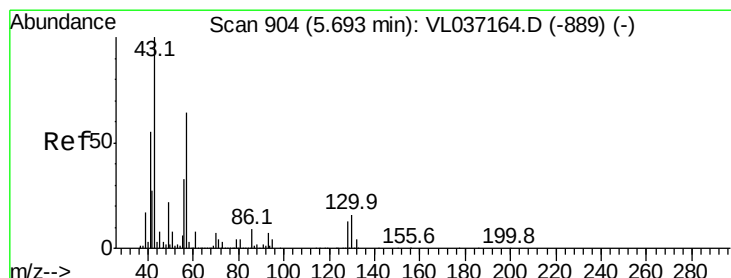
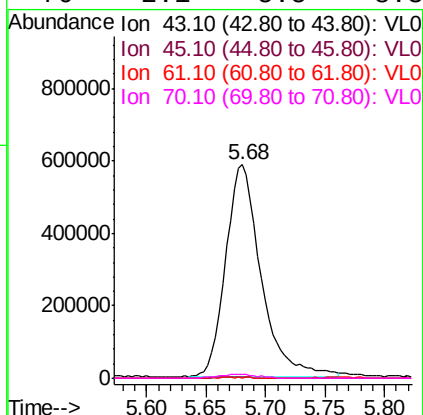
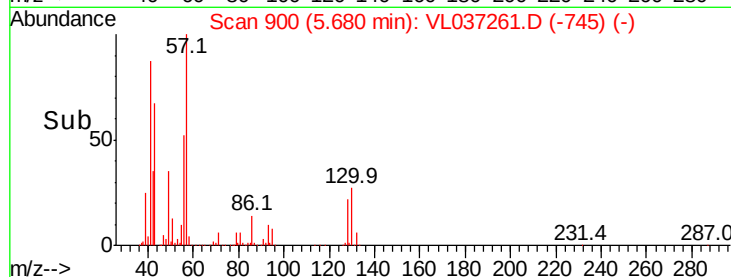
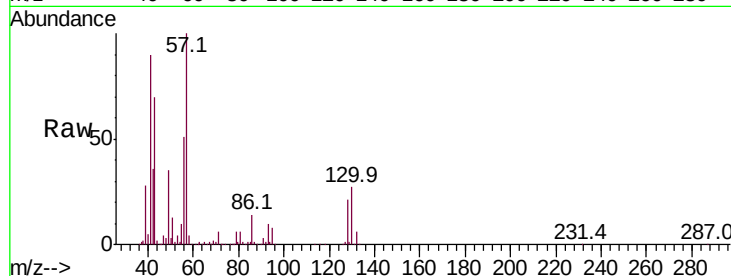




#25
Ethyl Acetate
Concen: 2.985 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

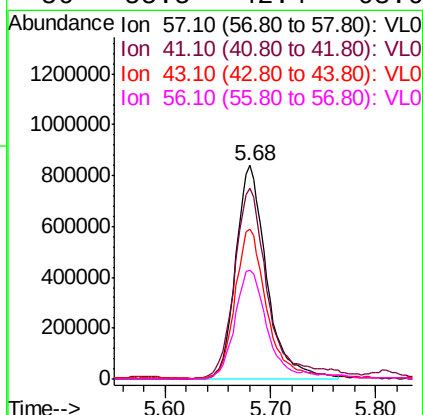
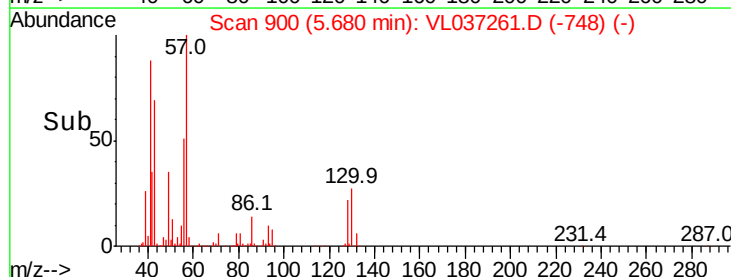
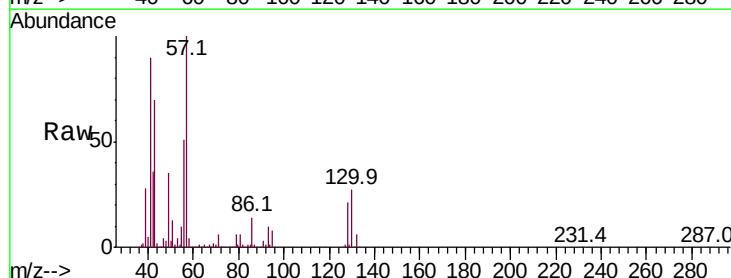
Instrument :
MSVOA_L
ClientSampleId :

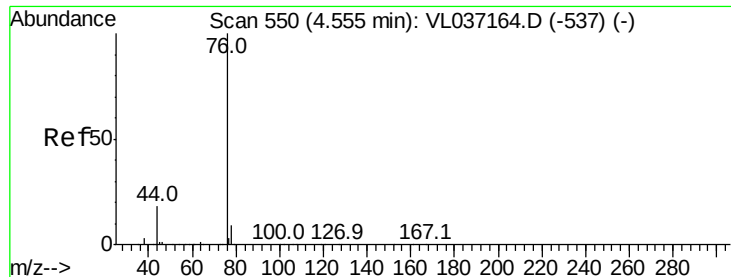
Tot Ion: 43 Resp: 1207618
Ion Ratio Lower Upper
43 100
45 0.8 8.0 12.0#
61 0.6 8.1 12.1#
70 2.1 5.5 8.3#



#26
Hexane
Concen: 8.364 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 57 Resp: 1710199
Ion Ratio Lower Upper
57 100
41 97.7 73.5 110.3
43 73.1 170.7 256.1#
56 55.5 42.4 63.6





#27

Carbon Disulfide

Concen: 0.161 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.01 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

ClientSampleId :

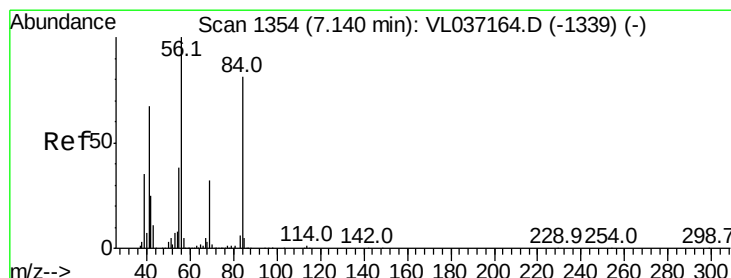
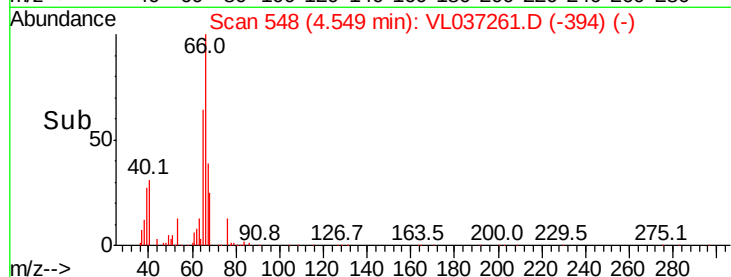
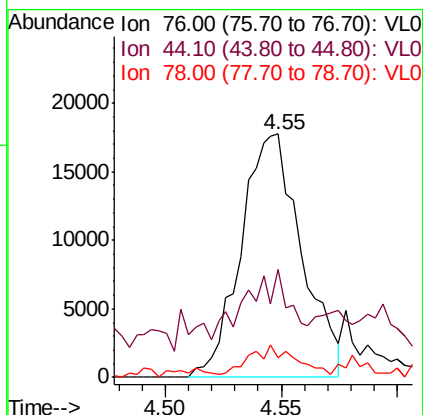
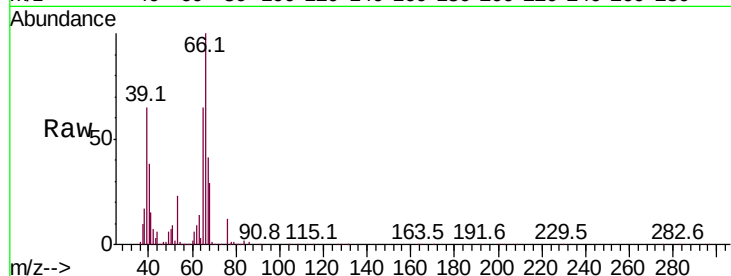
Tot Ion: 76 Resp: 32306

Ion Ratio Lower Upper

76 100

44 38.8 15.4 23.2#

78 11.4 8.0 12.0



#30

Cyclohexane

Concen: 0.388 ppbv

RT: 7.12 min Scan# 1349

Delta R.T. -0.02 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

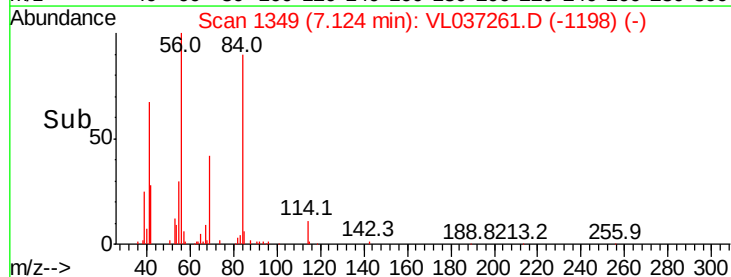
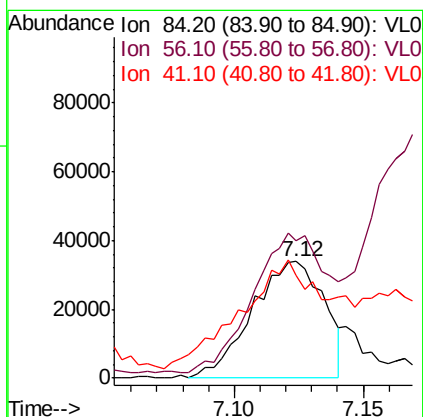
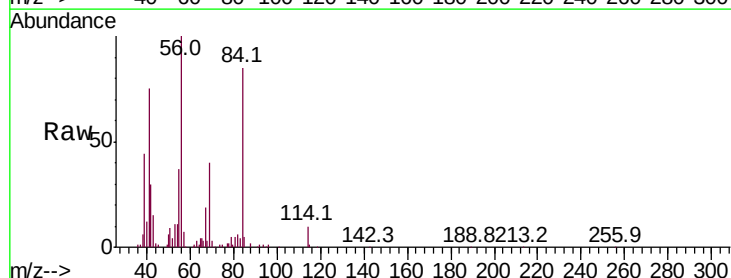
Tgt Ion: 84 Resp: 66105

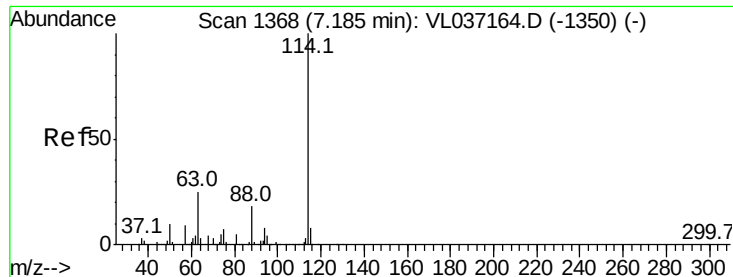
Ion Ratio Lower Upper

84 100

56 116.9 107.7 161.5

41 119.3 69.0 103.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.02 min

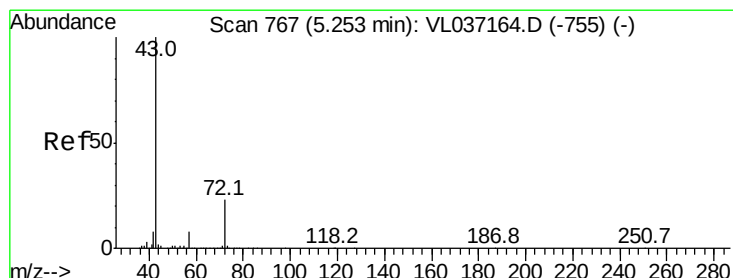
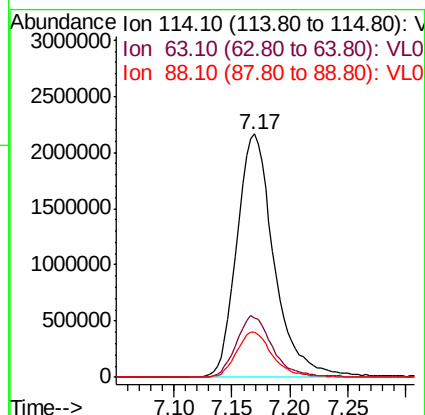
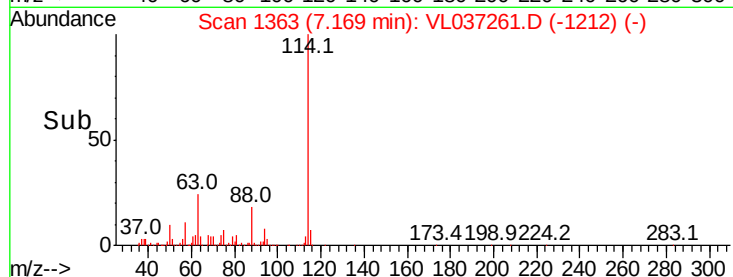
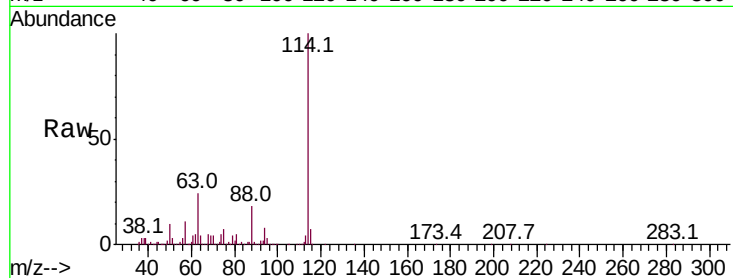
Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:114 Resp: 4800272

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.6	29.4
88	18.5	14.2	21.2



#34

2-Butanone

Concen: 18.369 ppbv

RT: 5.24 min Scan# 762

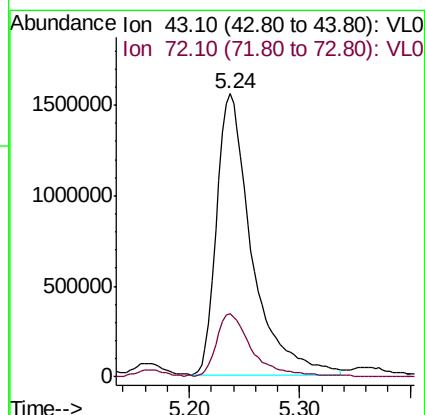
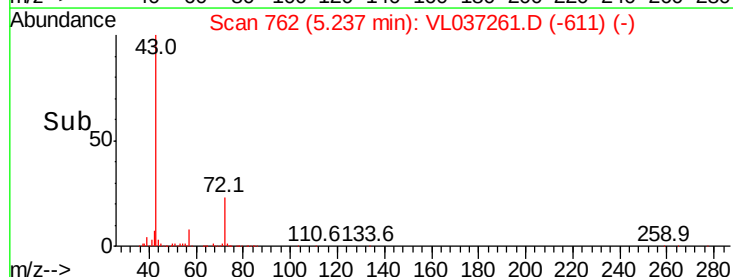
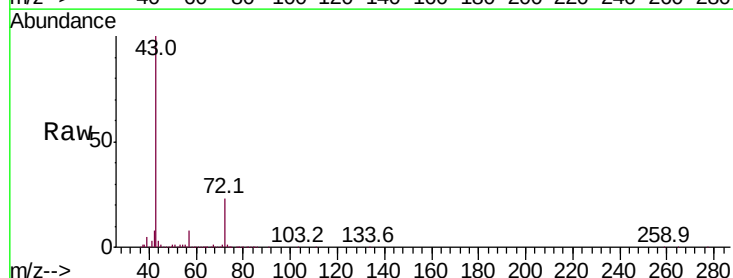
Delta R.T. -0.02 min

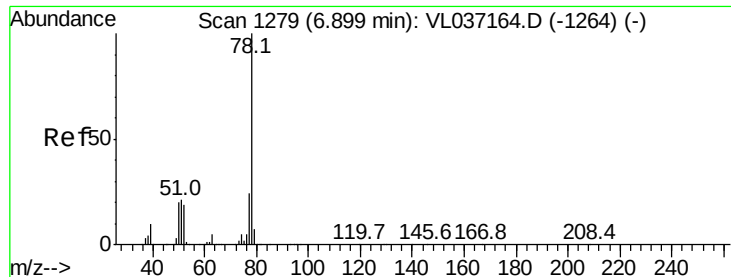
Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Tgt Ion: 43 Resp: 3429342

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.9	28.3





#36

Benzene

Concen: 1.380 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. -0.02 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

ClientSampleId :

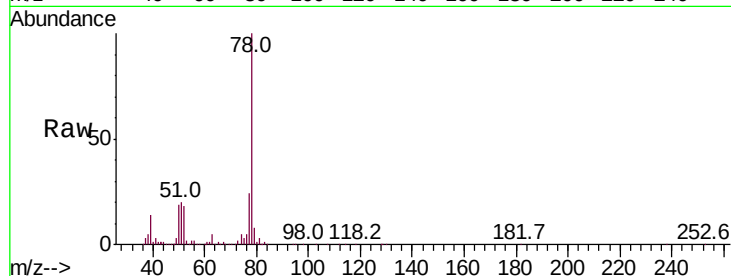
Tot Ion: 78 Resp: 535503

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

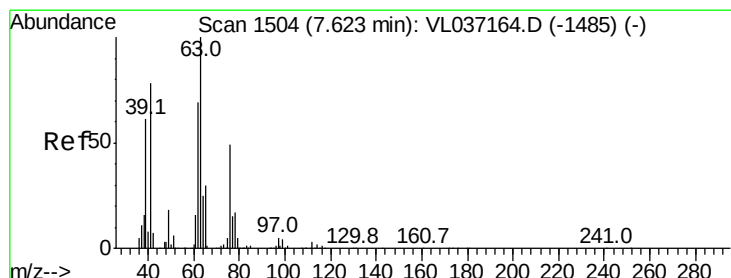
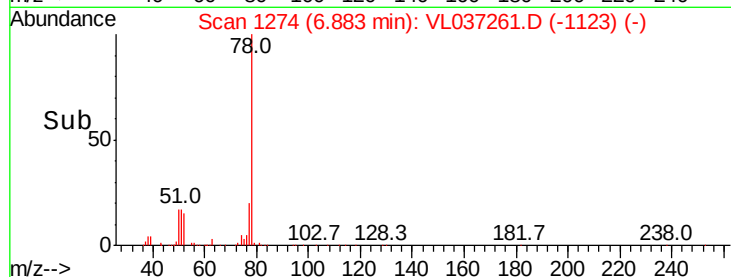
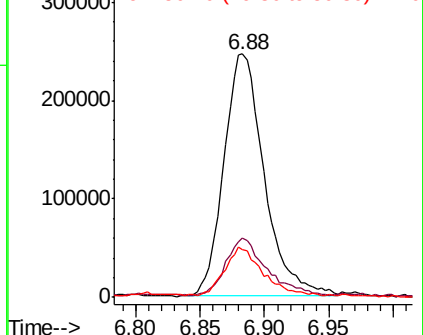
50 18.7 15.7 23.5



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#39

1,2-Dichloropropane

Concen: 8.185 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.46 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

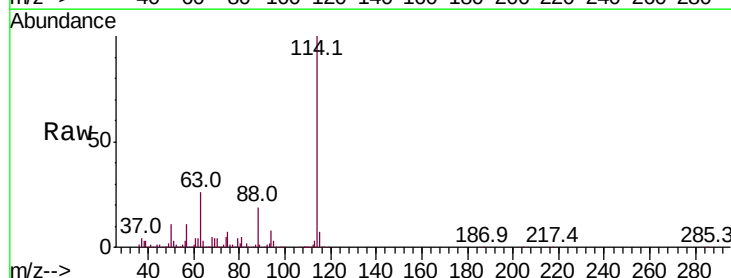
Tgt Ion: 63 Resp: 1180640

Ion Ratio Lower Upper

63 100

41 0.0 62.0 93.0#

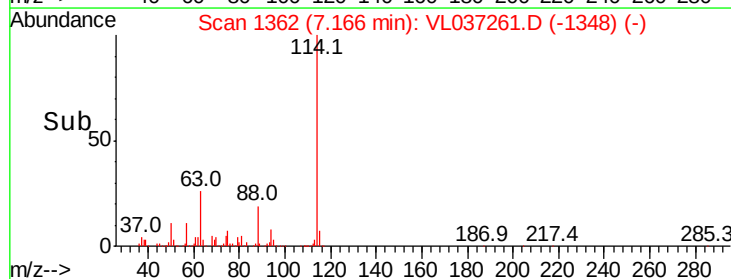
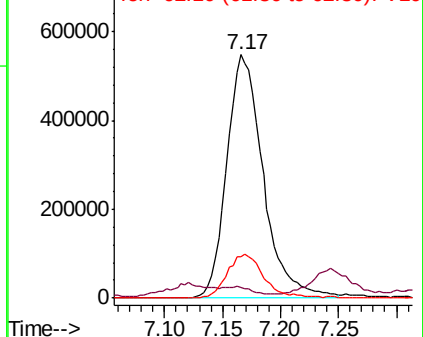
62 16.8 54.9 82.3#

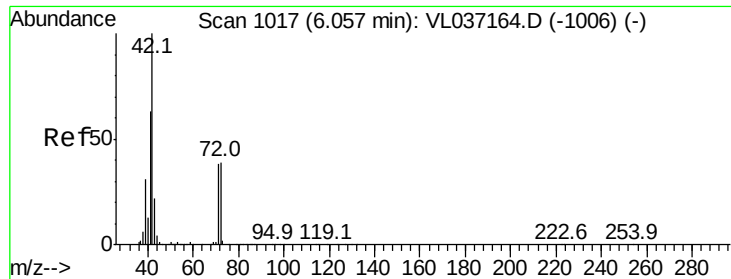


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

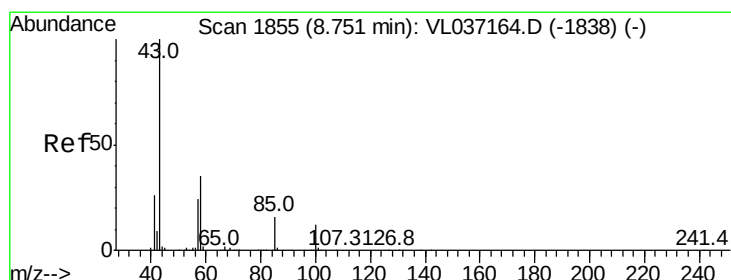
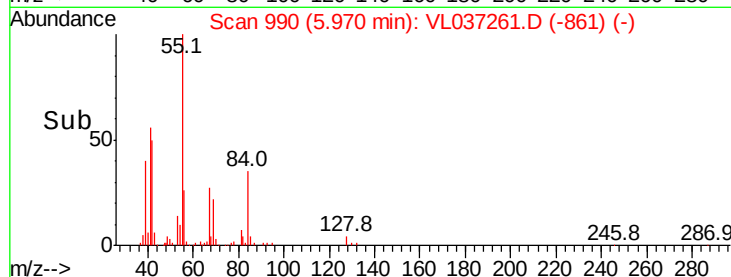
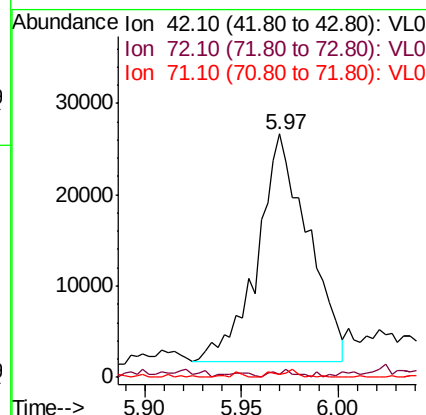
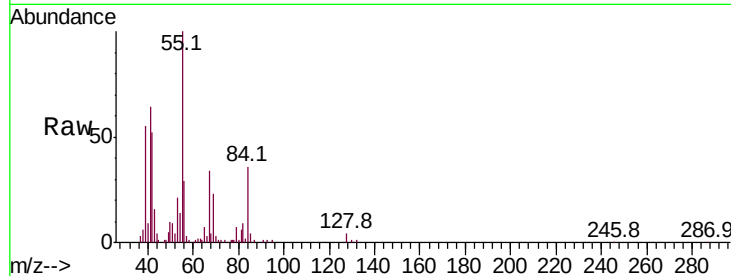




#41
Tetrahydrofuran
Concen: 0.526 ppbv
RT: 5.97 min Scan# 990
Delta R.T. -0.09 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

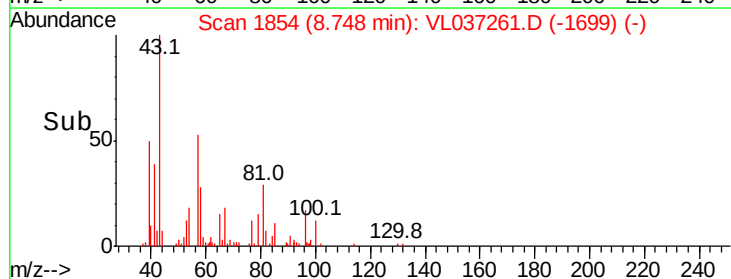
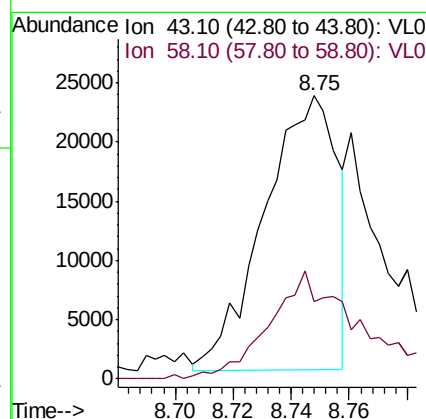
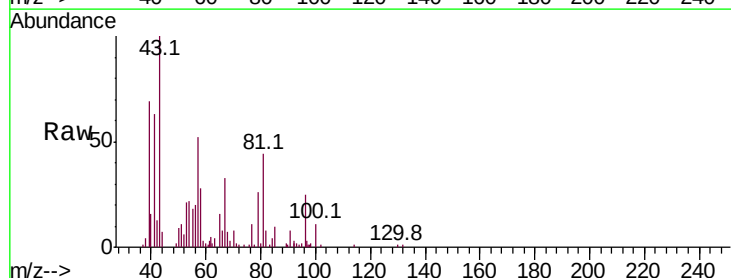
Instrument :
MSVOA_L
ClientSampleId :

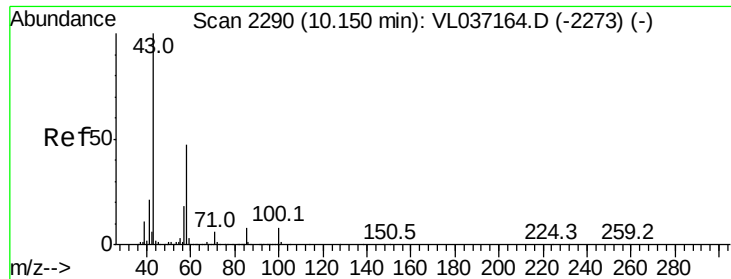
Tot Ion: 42 Resp: 45598
Ion Ratio Lower Upper
42 100
72 1.9 33.0 49.4#
71 0.0 31.0 46.6#



#50
4-Methyl-2-Pentanone
Concen: 0.158 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 43 Resp: 40478
Ion Ratio Lower Upper
43 100
58 56.1 28.4 42.6#

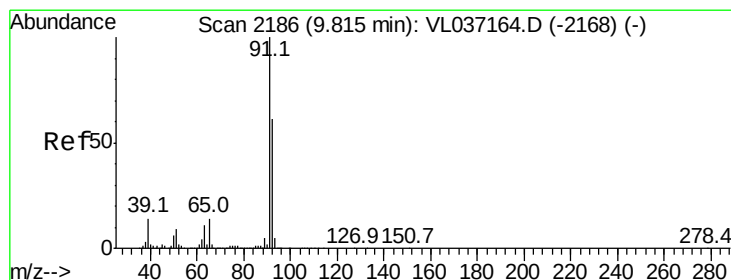
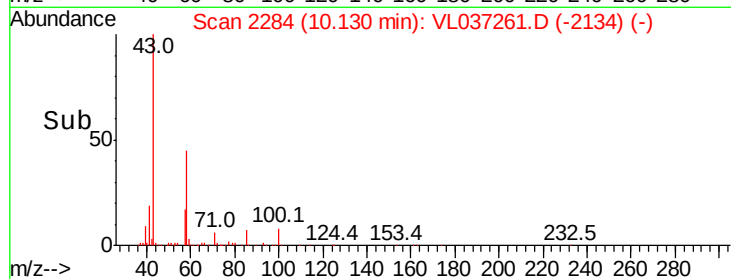
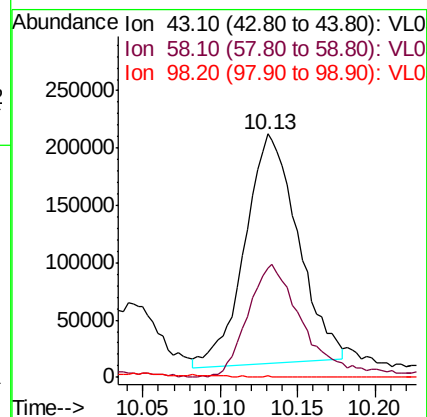
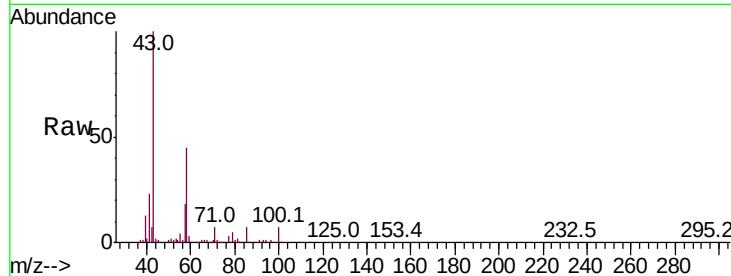




#51
2-Hexanone
Concen: 3.849 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.02 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

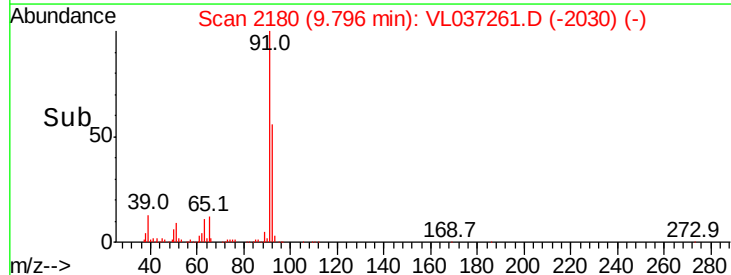
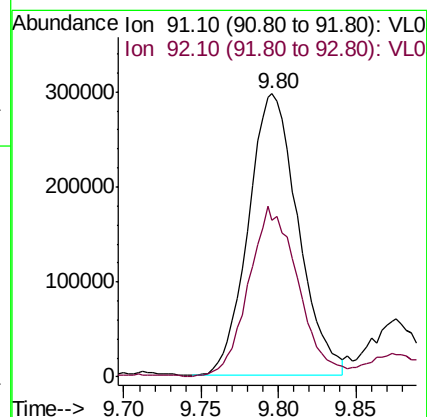
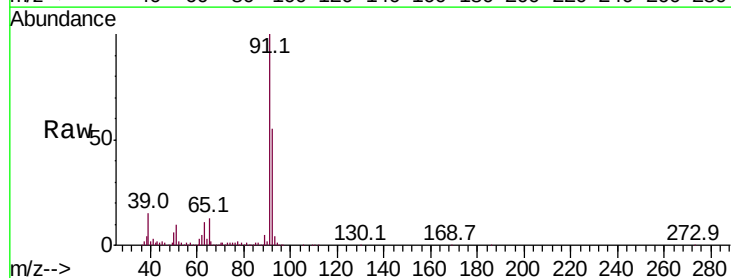
Instrument :
MSVOA_L
ClientSampleId :

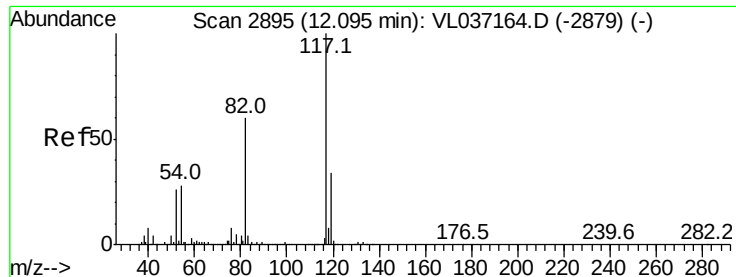
Tot Ion: 43 Resp: 480252
Ion Ratio Lower Upper
43 100
58 52.0 38.4 57.6
98 0.0 0.3 0.5#



#53
Toluene
Concen: 1.438 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.02 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 91 Resp: 666648
Ion Ratio Lower Upper
91 100
92 59.2 48.3 72.5

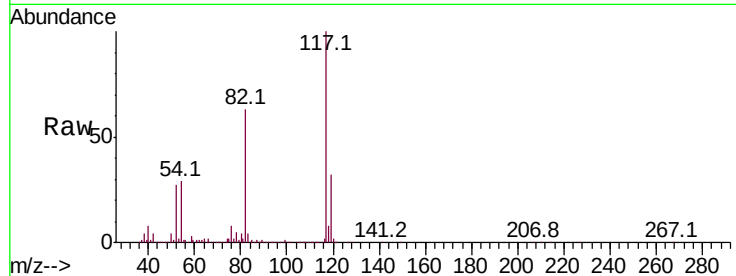




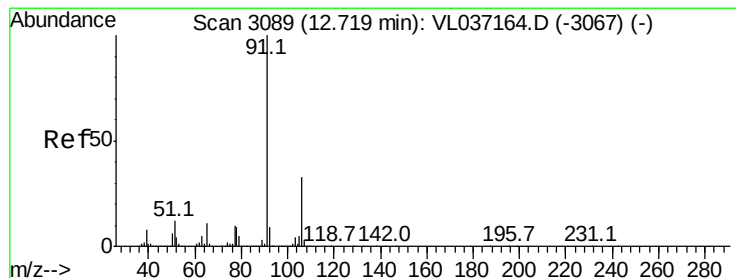
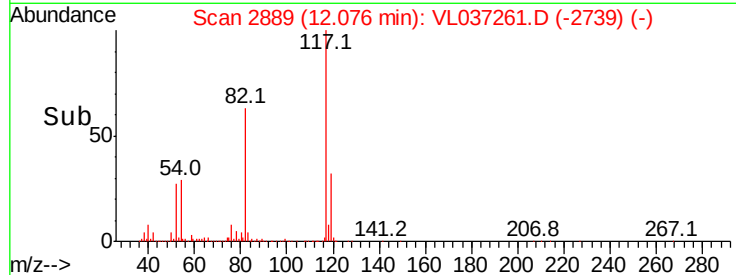
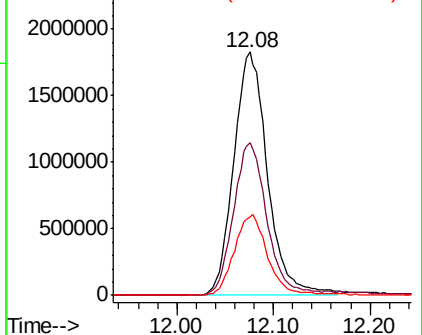
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 4440682
Ion Ratio Lower Upper
117 100
82 64.5 51.7 77.5
119 33.6 47.6 71.4#

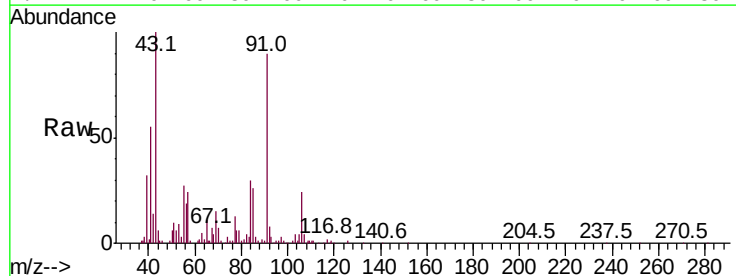


Abundance Ion 117.10 (116.80 to 117.80): V
2500000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

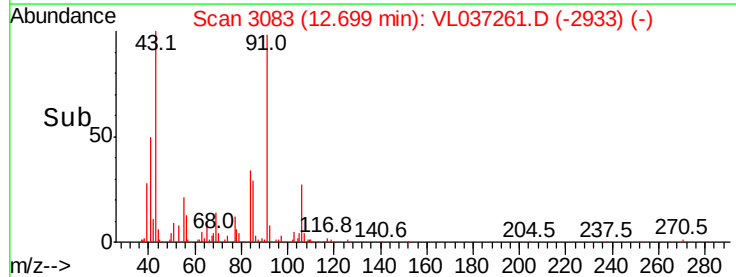
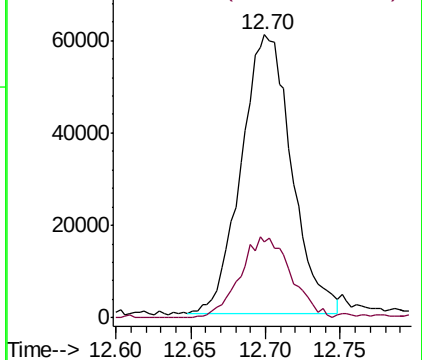


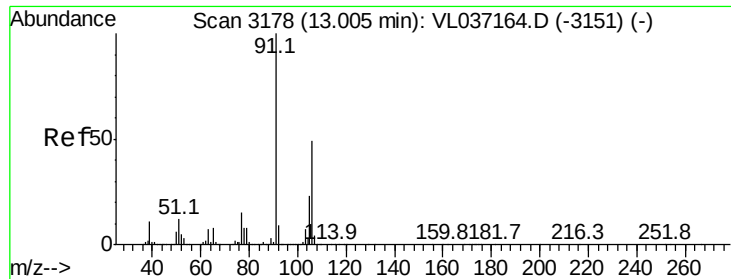
#58
Ethyl Benzene
Concen: 0.232 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 91 Resp: 141870
Ion Ratio Lower Upper
91 100
106 27.5 26.3 39.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

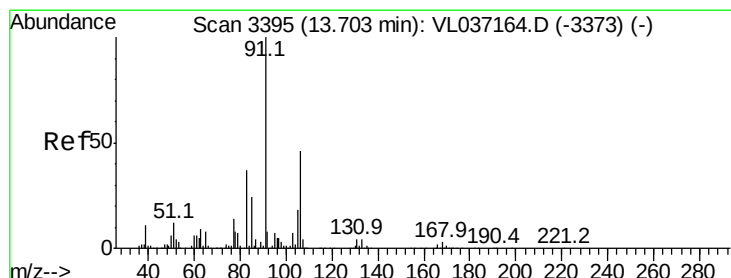
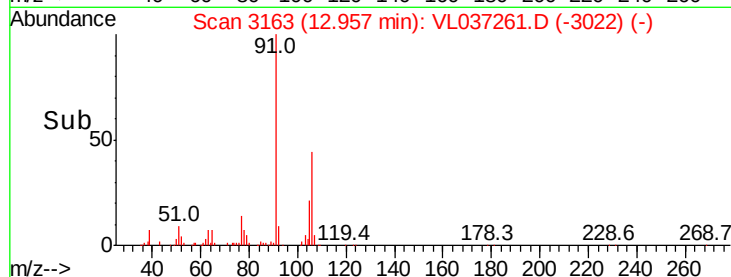
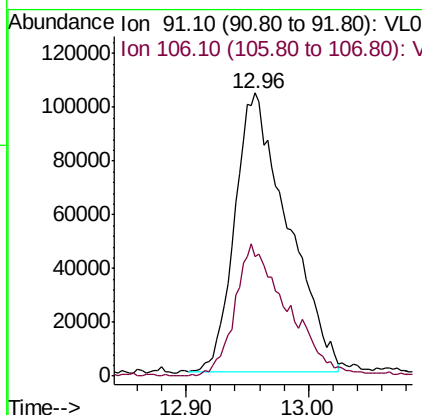
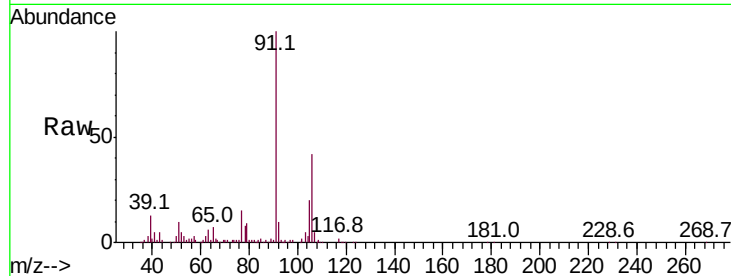




#59
m/p-Xylene
Concen: 0.601 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.05 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

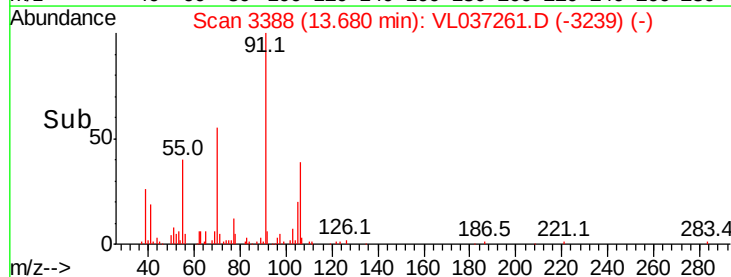
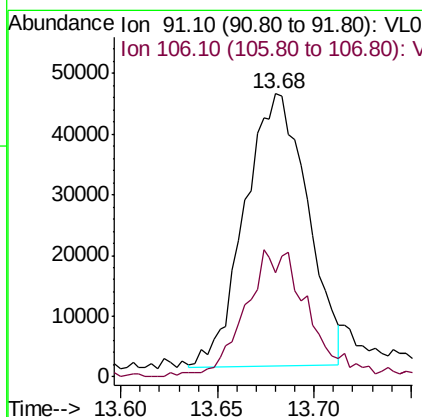
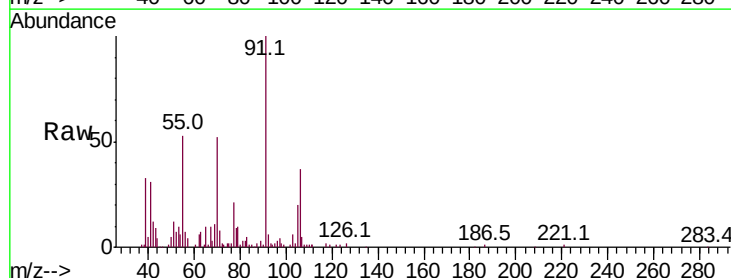
Instrument :
MSVOA_L
ClientSampleId :

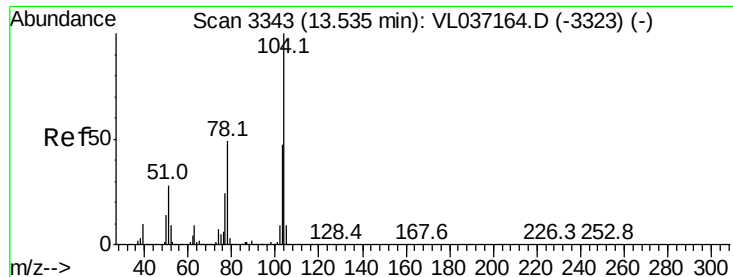
Tot Ion: 91 Resp: 311580
Ion Ratio Lower Upper
91 100
106 48.0 37.0 55.4



#60
o-Xylene
Concen: 0.205 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.02 min
Lab File: VL037261.D
Acq: 29 Jun 2021 22:49

Tgt Ion: 91 Resp: 101108
Ion Ratio Lower Upper
91 100
106 47.0 23.0 69.0





#61

Stvrene

Concen: 0.086 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. -0.01 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

ClientSampled :

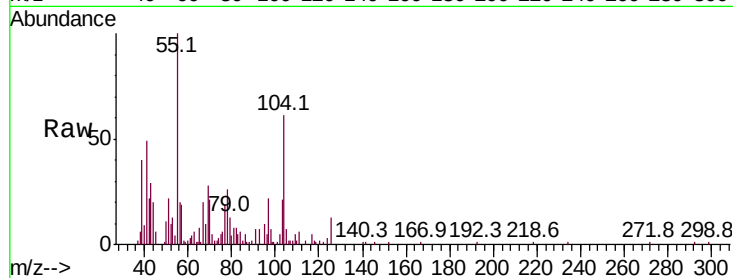
Tot Ion:104 Resp: 21782

Ion Ratio Lower Upper

104 100

78 82.9 39.7 59.5#

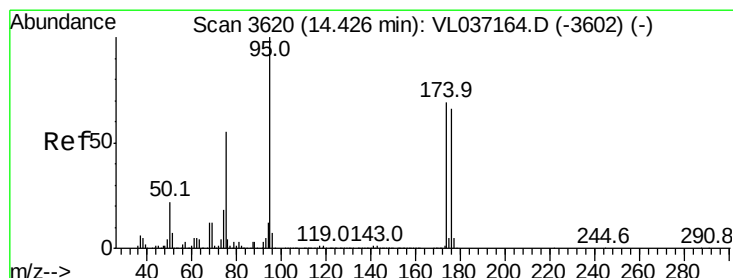
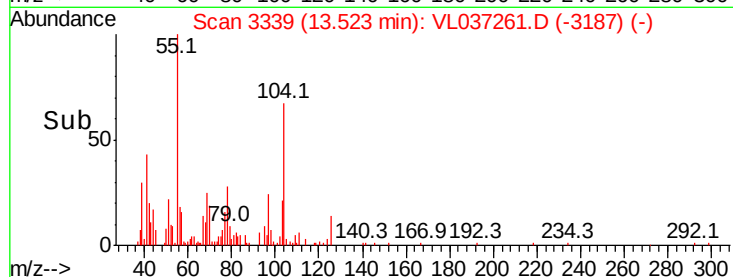
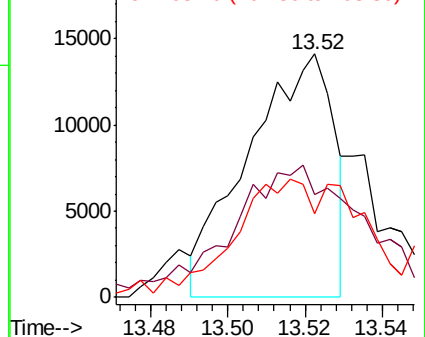
103 87.0 37.6 56.4#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.914 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.02 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

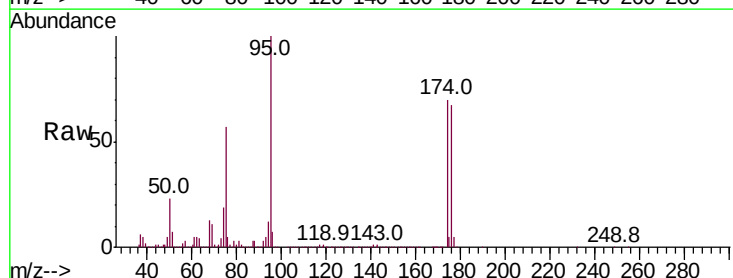
Tgt Ion: 95 Resp: 3336200

Ion Ratio Lower Upper

95 100

174 74.4 57.0 85.4

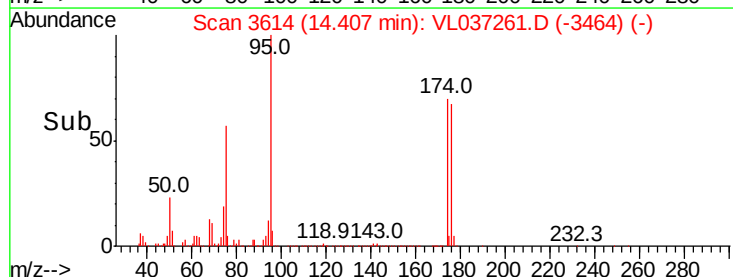
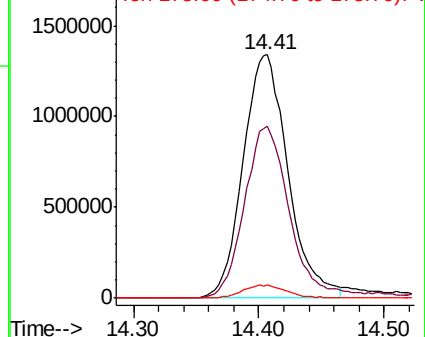
175 5.3 4.4 6.6

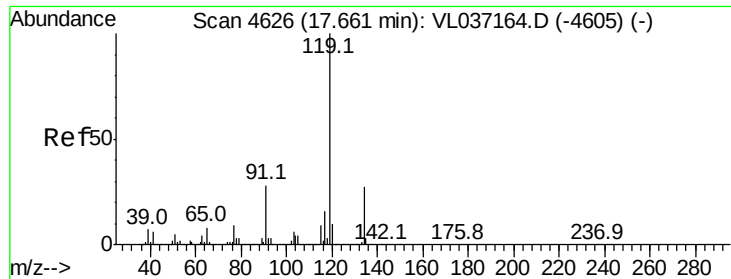


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

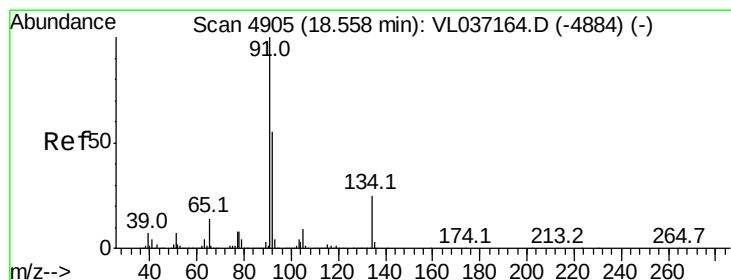
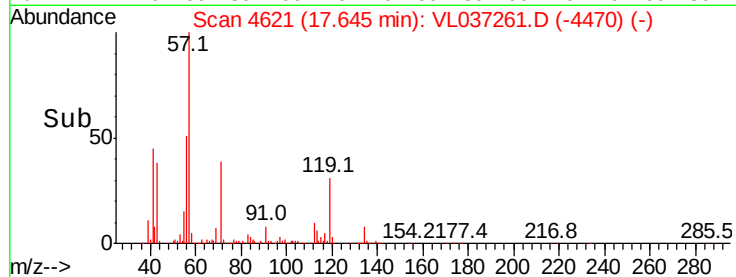
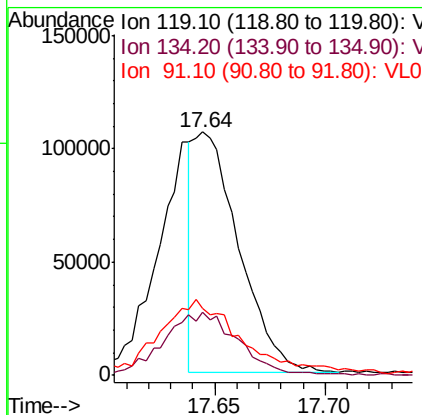
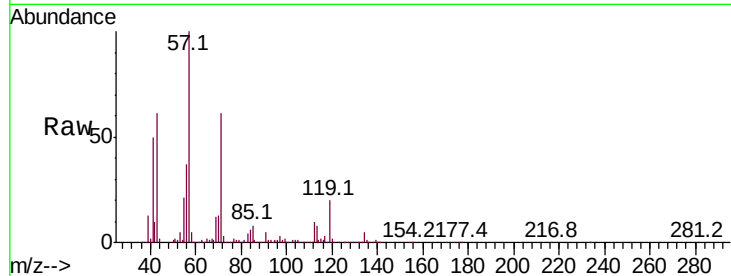




#69
 p-Isopropyltoluene
 Concen: 0.216 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.02 min
 Lab File: VL037261.D
 Acq: 29 Jun 2021 22:49

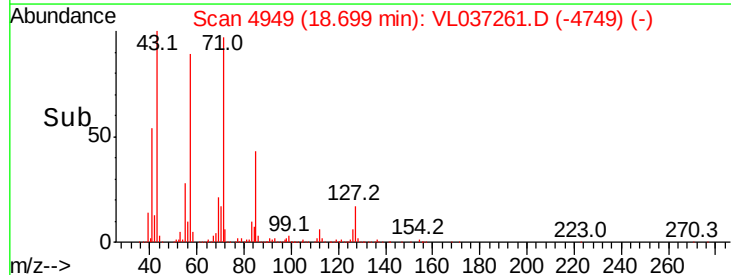
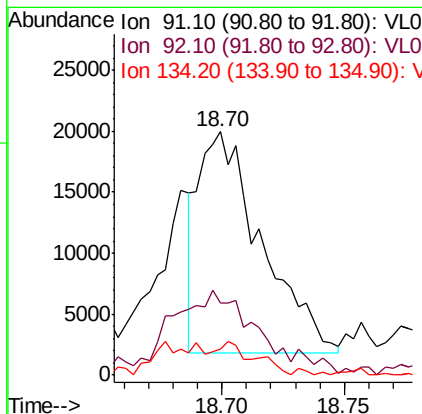
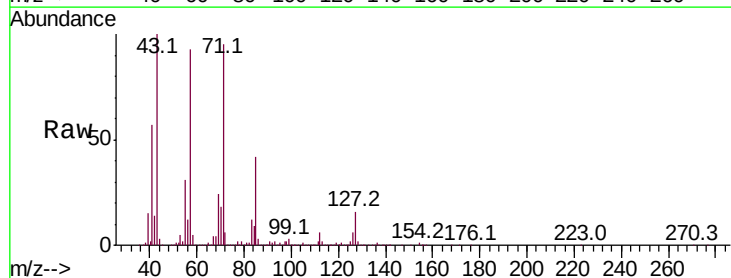
Instrument :
 MSVOA_L
 ClientSampled :

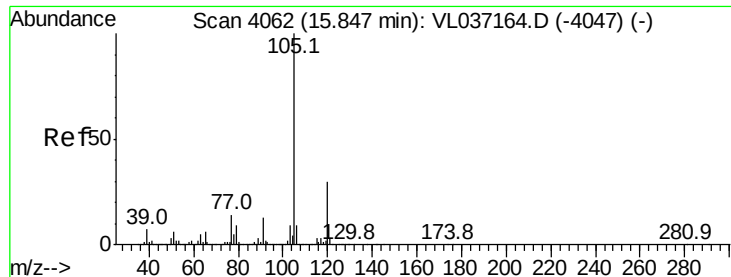
Tot Ion	Ratio	Lower	Upper
119	100		
134	43.8	20.9	31.3#
91	55.5	22.6	34.0#



#70
 n-Butylbenzene
 Concen: 0.050 ppbv
 RT: 18.70 min Scan# 4949
 Delta R.T. 0.14 min
 Lab File: VL037261.D
 Acq: 29 Jun 2021 22:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.0	44.0	66.0
134	22.2	20.2	30.4





#72

4-Ethyltoluene

Concen: 0.034 ppbv

RT: 15.82 min Scan# 4054

Delta R.T. -0.03 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 19178

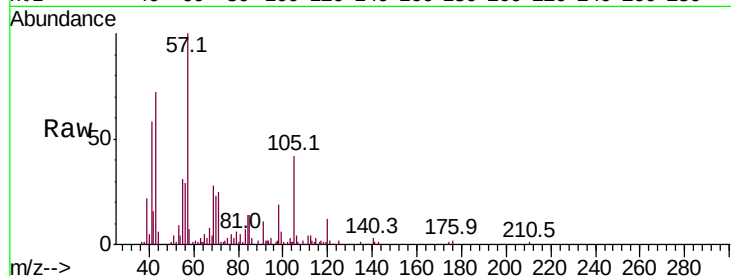
Ion Ratio Lower Upper

105 100

120 0.0 24.7 37.1#

91 54.9 10.2 15.4#

77 0.0 11.0 16.6#

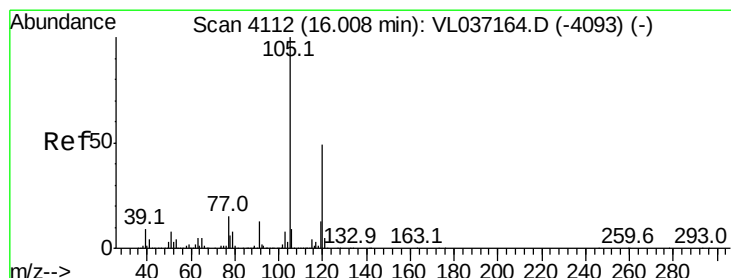
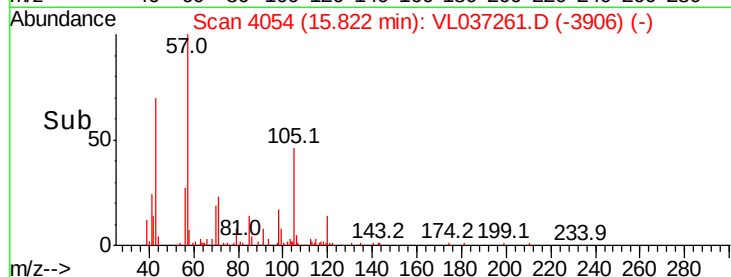
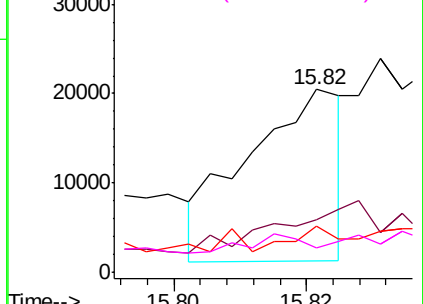


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.044 ppbv

RT: 15.98 min Scan# 4103

Delta R.T. -0.03 min

Lab File: VL037261.D

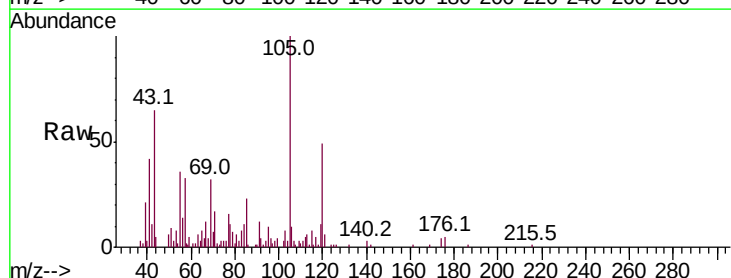
Acq: 29 Jun 2021 22:49

Tgt Ion:105 Resp: 23984

Ion Ratio Lower Upper

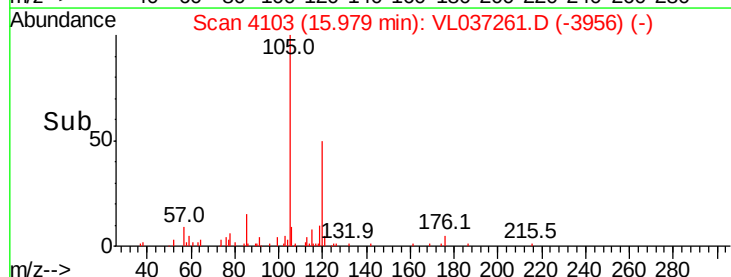
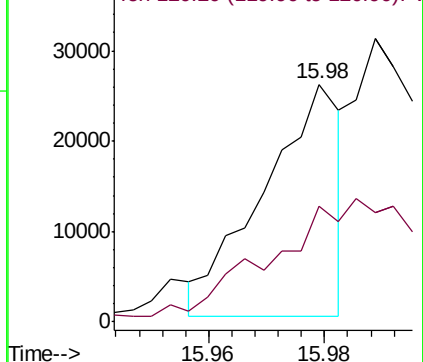
105 100

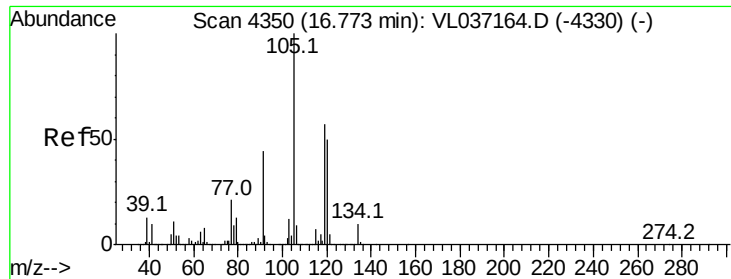
120 52.1 39.4 59.2



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: 0.299 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.02 min

Lab File: VL037261.D

Acq: 29 Jun 2021 22:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:105 Resp: 167034

Ion Ratio Lower Upper

105 100

120 40.2 39.8 59.8

91 10.9 37.0 55.4#

77 11.3 17.0 25.4#

