

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\
 Data File : VL037130.D
 Acq On : 8 Jun 2021 13:41
 Operator : SY/AP
 Sample : M2614-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 09 01:18:58 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	5.67	49	1385468	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4073599	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3630243	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2694932	9.88	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

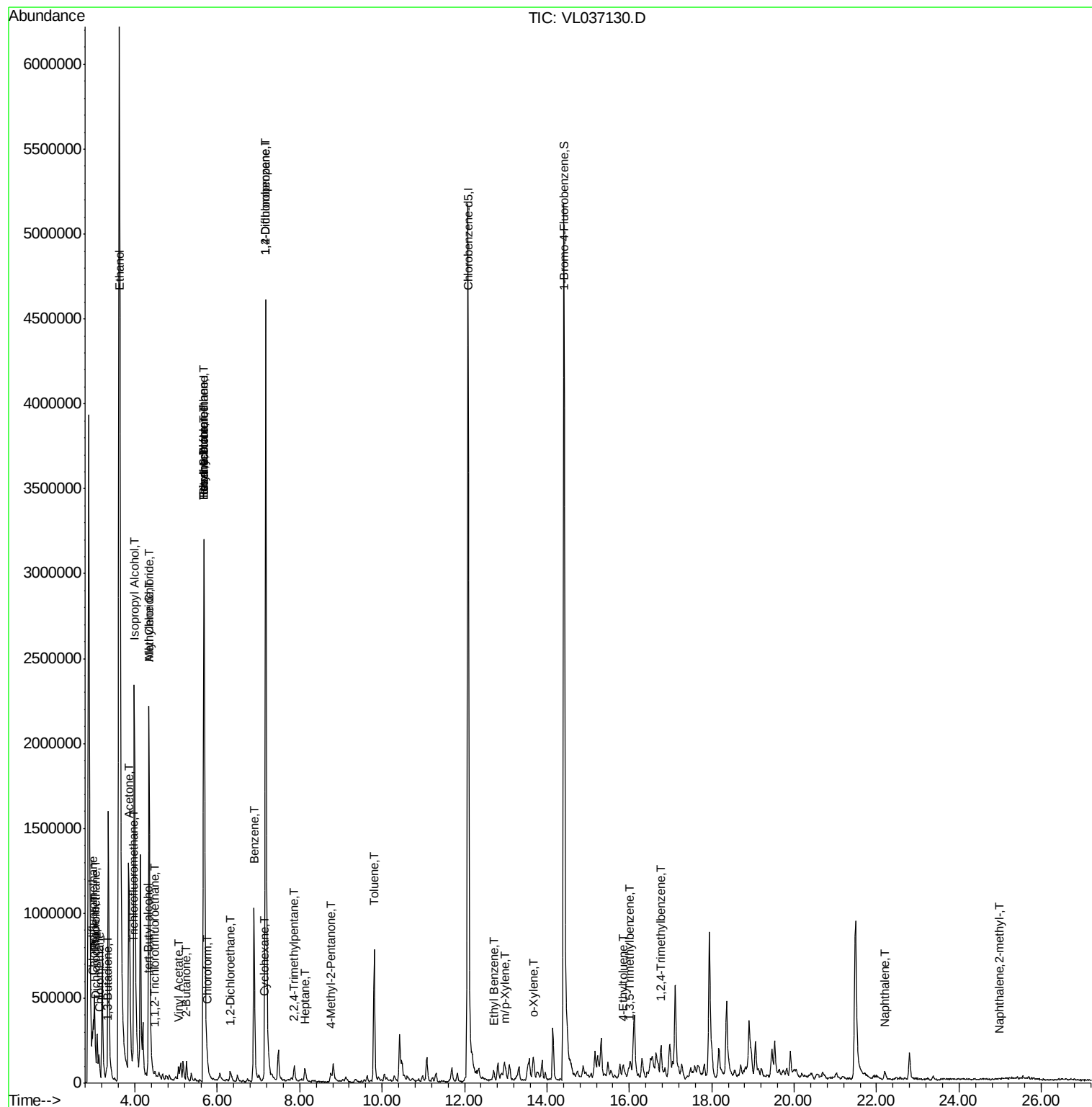
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	57369	0.244	ppbv	100
3) Chlorodifluoromethane	2.99	51	505960	1.993	ppbv #	89
4) Chloromethane	3.14	50	47882	0.554	ppbv	93
9) Propene	3.01	41	157410	1.732	ppbv	87
10) Heptane	8.12	43	19571	0.086	ppbv #	75
11) Trichlorofluoromethane	3.95	101	58672	0.270	ppbv #	82
12) 1,1,2-Trichlorotrifluoroet	4.48	101	6395	0.041	ppbv #	1
13) Ethanol	3.62	45	12552969	1035.145	ppbv	99
15) Acetone	3.85	43	1767629	12.456	ppbv	93
16) 1,3-Butadiene	3.32	39	28513	0.323	ppbv #	67
17) tert-Butyl alcohol	4.31	59	20160	0.155	ppbv #	72
19) Isopropyl Alcohol	3.99	45	3263081	42.776	ppbv #	33
20) Methylene Chloride	4.34	84	1004913	13.211	ppbv	99
21) Allyl Chloride	4.35	41	10965	0.102	ppbv #	19
23) Vinyl Acetate	5.07	43	18576	0.082	ppbv #	56
25) Ethyl Acetate	5.69	43	641570	1.881	ppbv #	88
26) Hexane	5.68	57	644385	3.699	ppbv #	59
29) Chloroform	5.76	83	49947	0.203	ppbv	89
30) Cyclohexane	7.13	84	6912	0.047	ppbv #	1
31) cis-1,2-Dichloroethene	5.67	61	12764	0.082	ppbv #	25
34) 2-Butanone	5.25	43	133796	0.902	ppbv	95
36) Benzene	6.89	78	932367	2.657	ppbv	97
37) 1,2-Dichloroethane	6.31	62	7409	0.043	ppbv	98
39) 1,2-Dichloropropane	7.18	63	970371	7.179	ppbv #	26
41) Tetrahydrofuran	5.68	42	243716	2.885	ppbv #	51
44) 2,2,4-Trimethylpentane	7.87	57	42939	0.071	ppbv #	20
50) 4-Methyl-2-Pentanone	8.75	43	19171	0.078	ppbv #	38
53) Toluene	9.81	91	628760	1.506	ppbv	98
58) Ethyl Benzene	12.71	91	46900	0.092	ppbv	92
59) m/p-Xylene	13.00	91	16134	0.038	ppbv #	30
60) o-Xylene	13.69	91	20216	0.050	ppbv #	5
72) 4-Ethyltoluene	15.83	105	21497	0.045	ppbv #	83
73) 1,3,5-Trimethylbenzene	16.00	105	15526	0.034	ppbv #	79
74) 1,2,4-Trimethylbenzene	16.77	105	39565	0.085	ppbv #	66
79) Naphthalene	22.20	128	29290	0.080	ppbv	97
80) Naphthalene,2-methyl-	24.99	142	3281	0.041	ppbv #	72

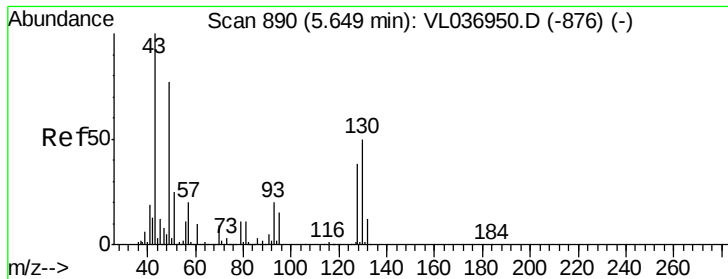
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

Instrument :

MSVOA_L

ClientSampleId :

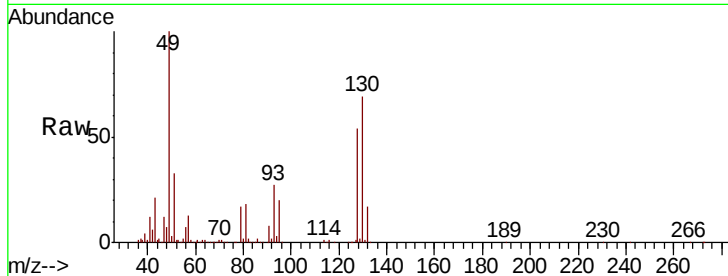
Tot Ion: 49 Resp: 1385468

Ion Ratio Lower Upper

49 100

128 57.3 26.9 80.7

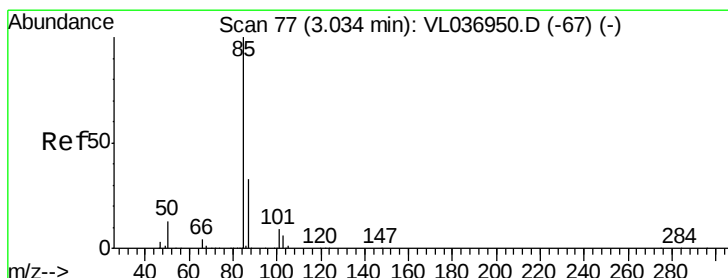
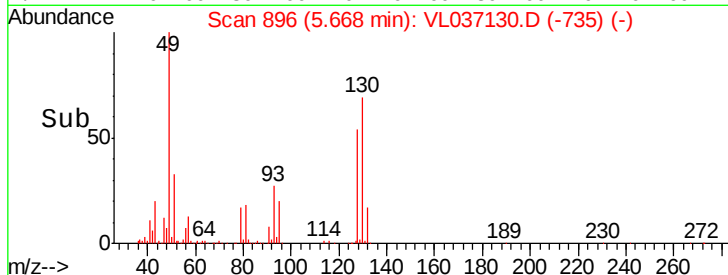
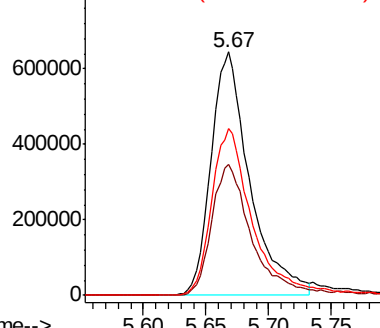
130 73.8 33.8 101.4



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: 0.244 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.01 min

Lab File: VL037130.D

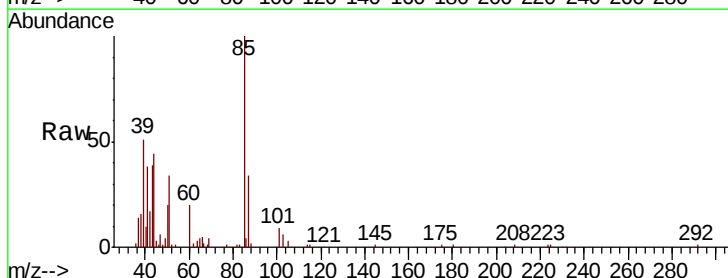
Acq: 8 Jun 2021 13:41

Tgt Ion: 85 Resp: 57369

Ion Ratio Lower Upper

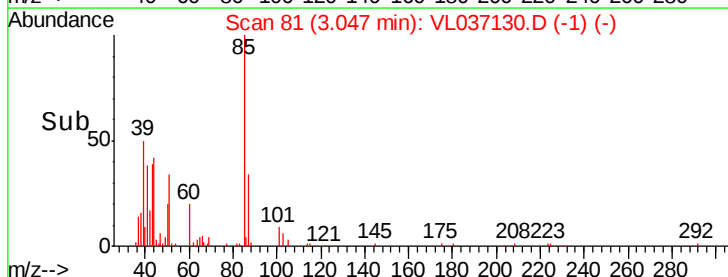
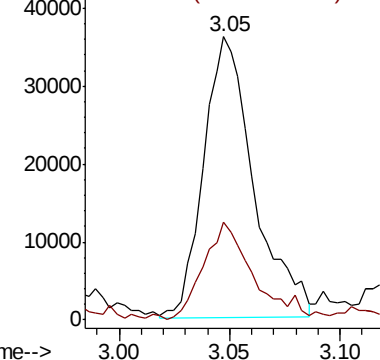
85 100

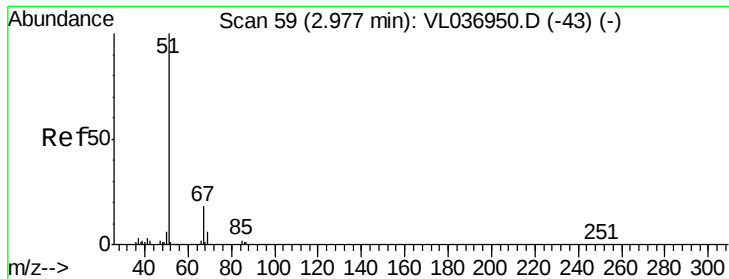
87 33.3 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.993 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.01 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

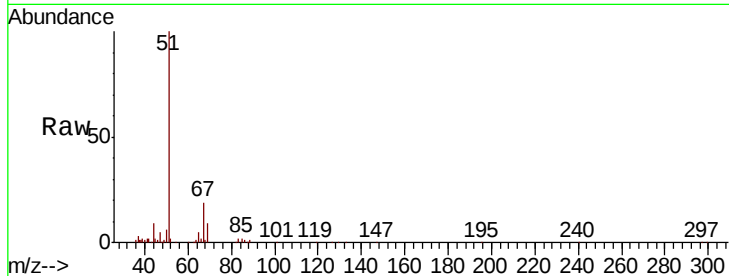
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 51 Resp: 505960

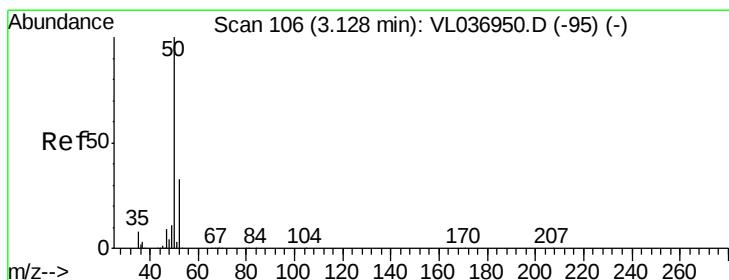
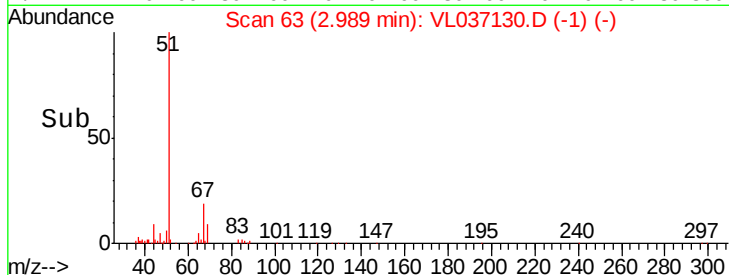
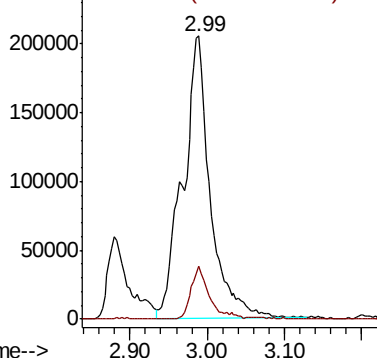
Ion Ratio Lower Upper

51 100

67 13.2 14.6 21.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.554 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL037130.D

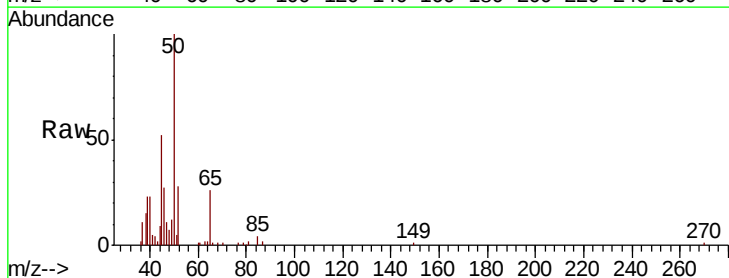
Acq: 8 Jun 2021 13:41

Tgt Ion: 50 Resp: 47882

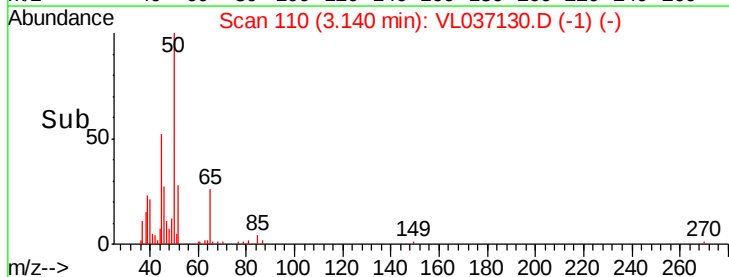
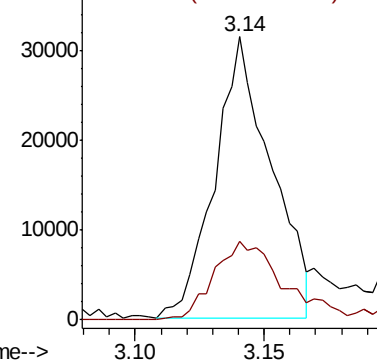
Ion Ratio Lower Upper

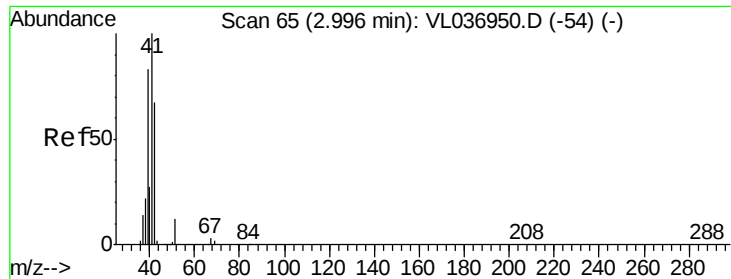
50 100

52 28.6 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0

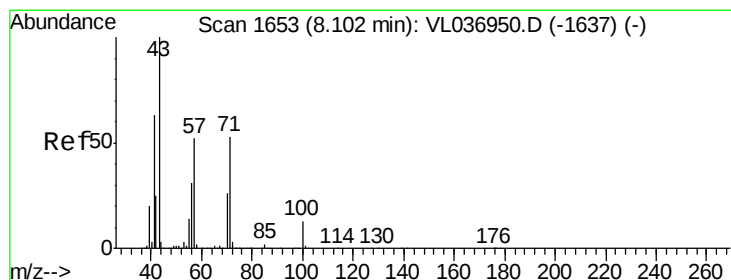
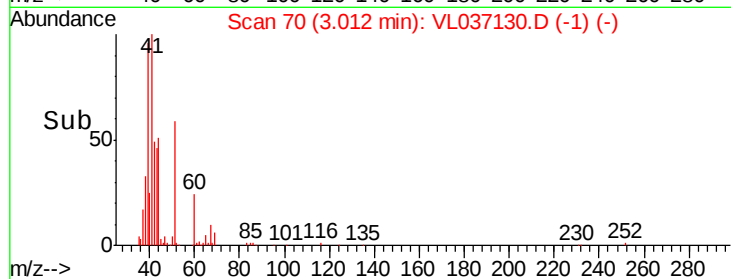
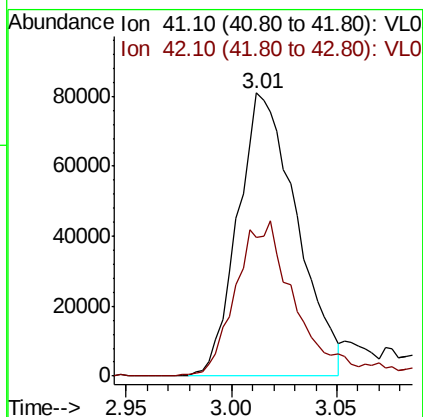
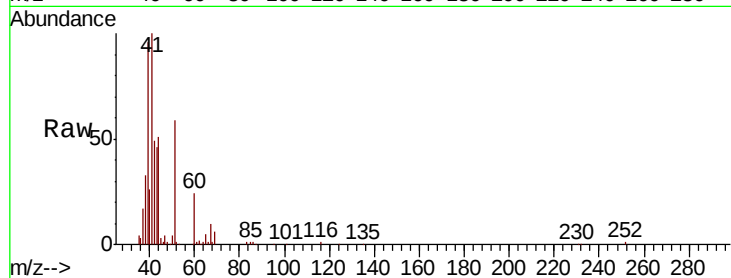




#9
 Propene
 Concen: 1.732 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

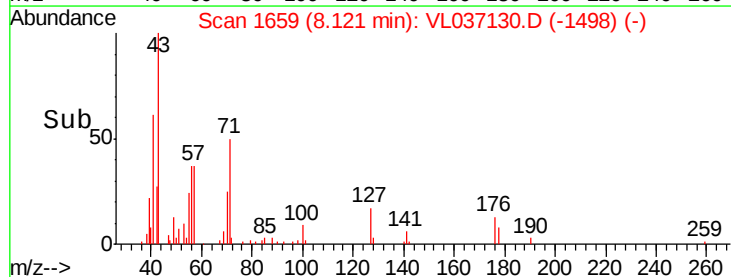
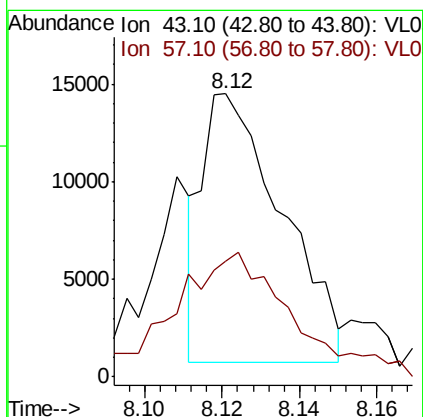
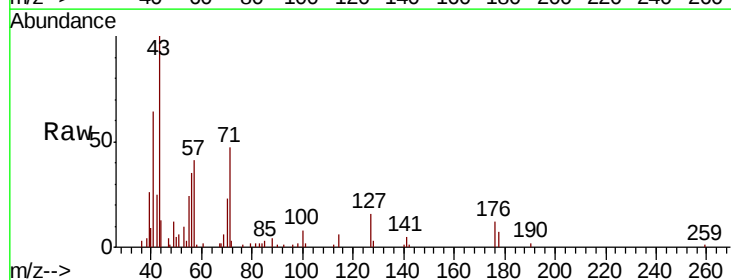
Instrument :
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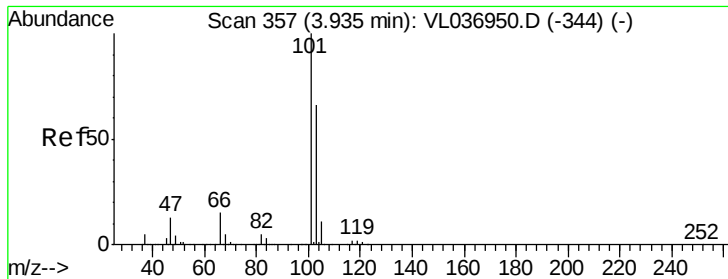
Tot Ion: 41 Resp: 157410
 Ion Ratio Lower Upper
 41 100
 42 57.1 53.9 80.9



#10
 Heptane
 Concen: 0.086 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Tgt Ion: 43 Resp: 19571
 Ion Ratio Lower Upper
 43 100
 57 68.4 41.0 61.6#

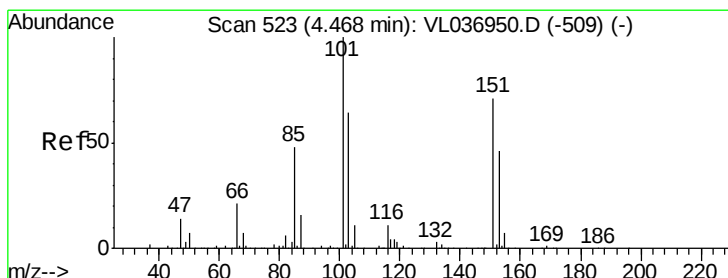
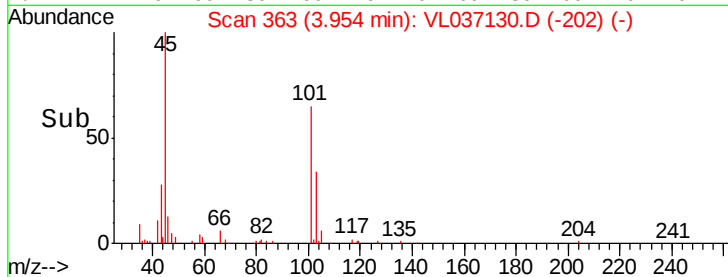
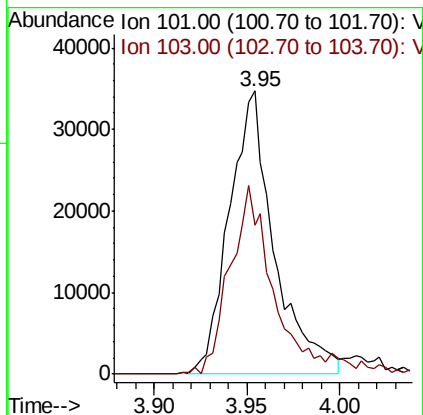
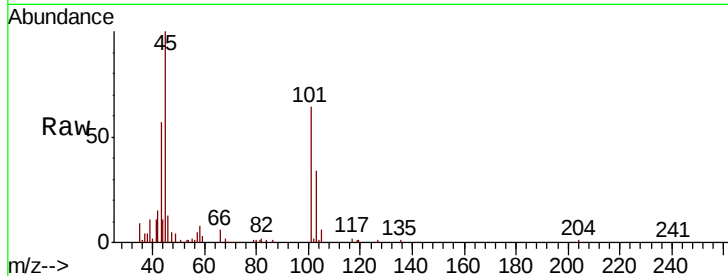




#11
 Trichlorofluoromethane
 Concen: 0.270 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

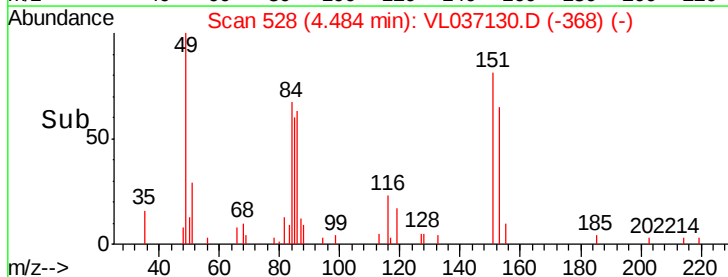
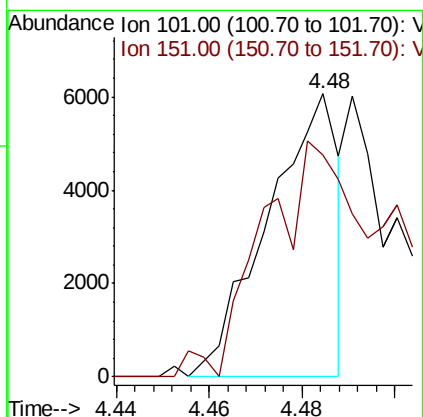
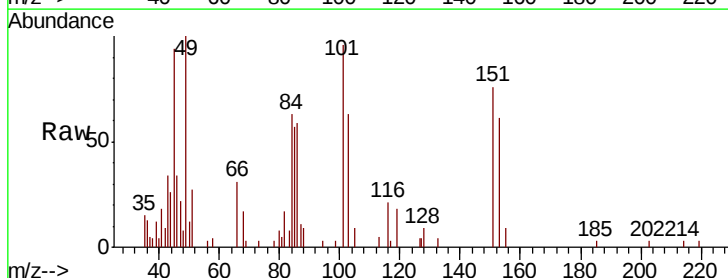
Instrument :
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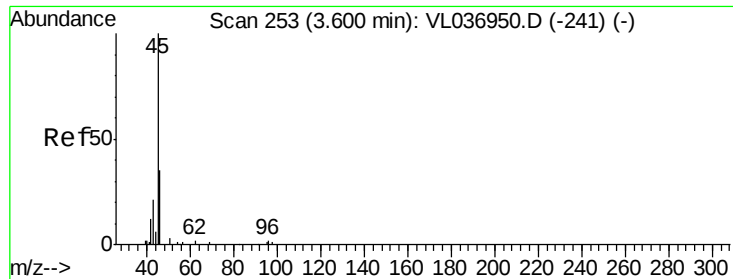
Tot Ion:101 Resp: 58672
 Ion Ratio Lower Upper
 101 100
 103 51.7 52.6 79.0#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.041 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Tgt Ion:101 Resp: 6395
 Ion Ratio Lower Upper
 101 100
 151 160.8 57.7 86.5#

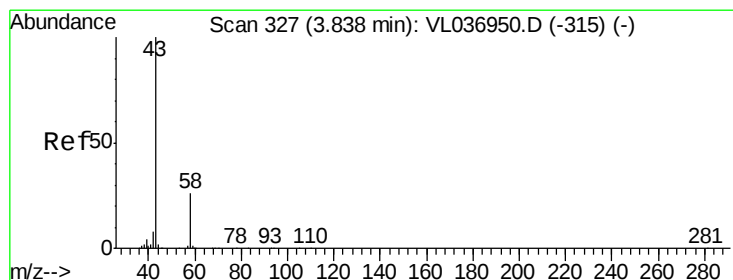
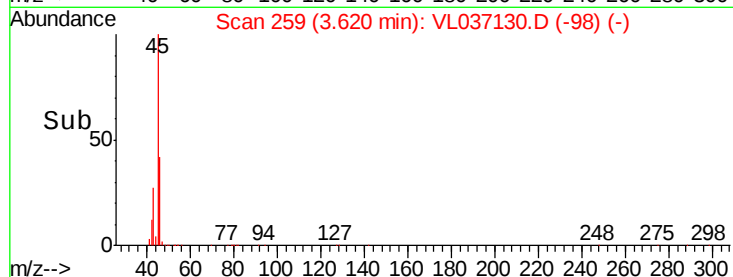
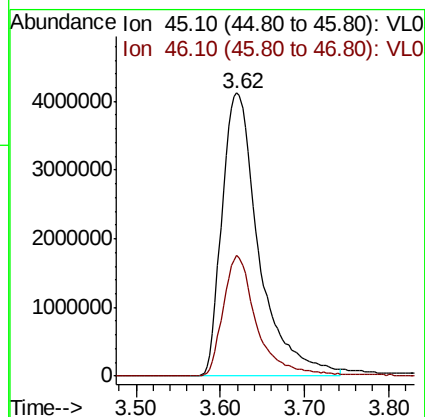
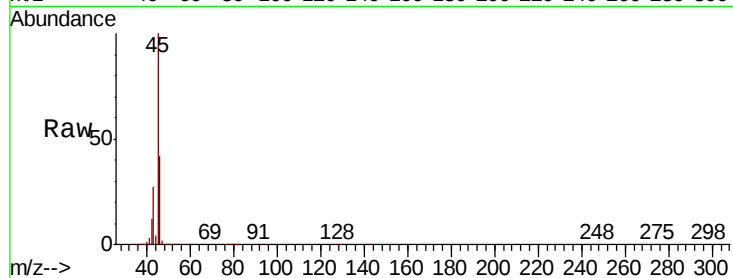




#13
Ethanol
Concen: 1035.145 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

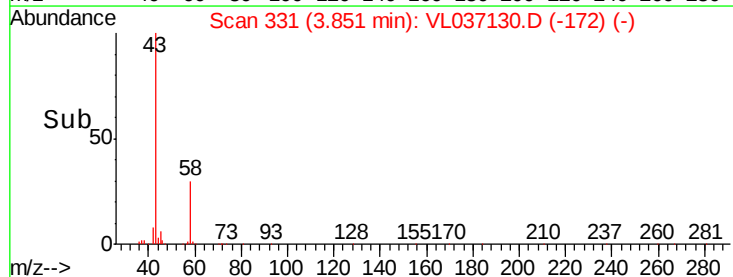
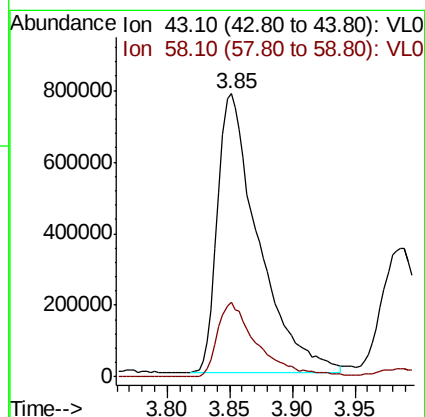
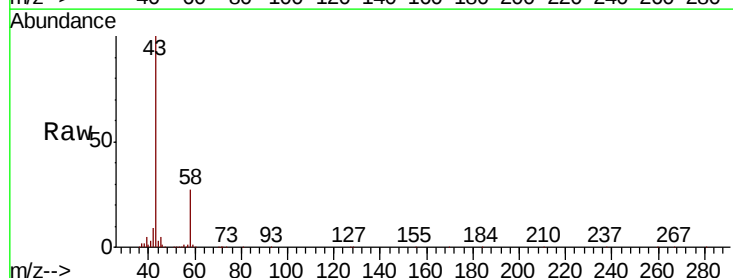
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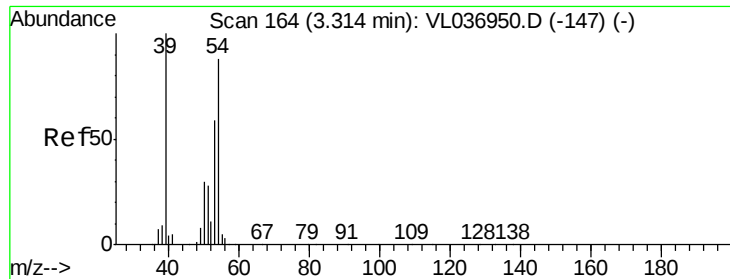
Tot Ion: 45 Resp:12552969
Ion Ratio Lower Upper
45 100
46 39.9 16.3 65.3



#15
Acetone
Concen: 12.456 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 43 Resp: 1767629
Ion Ratio Lower Upper
43 100
58 26.3 24.0 36.0

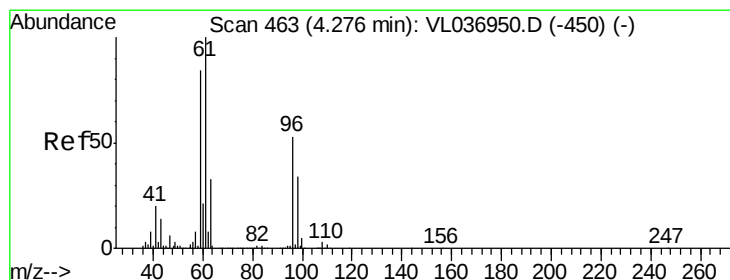
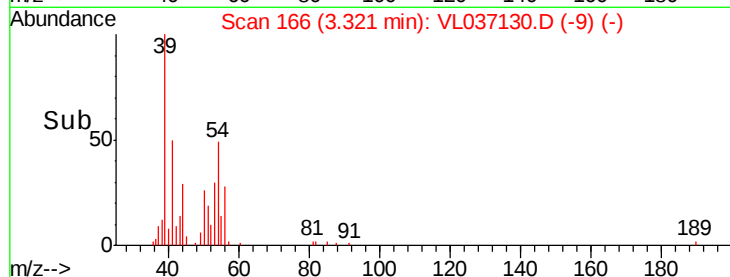
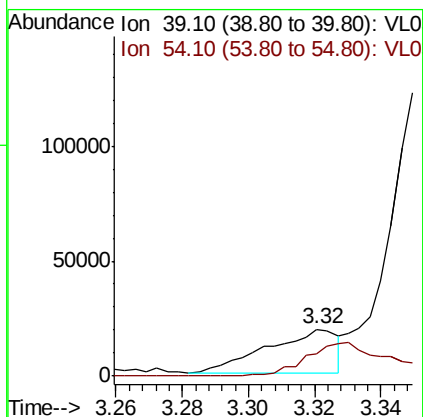
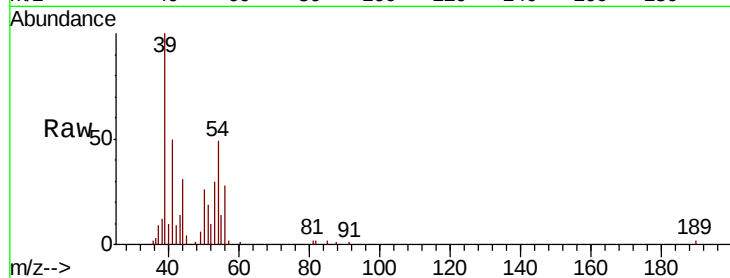




#16
1,3-Butadiene
Concen: 0.323 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.01 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

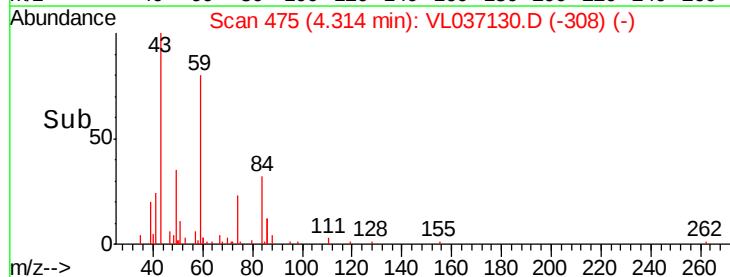
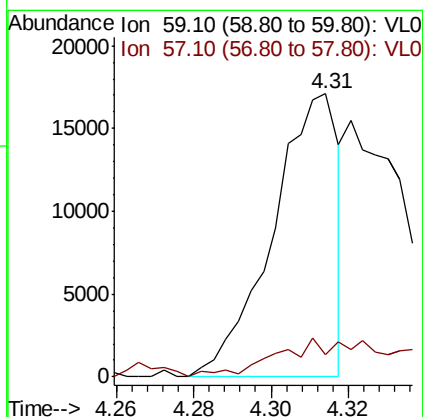
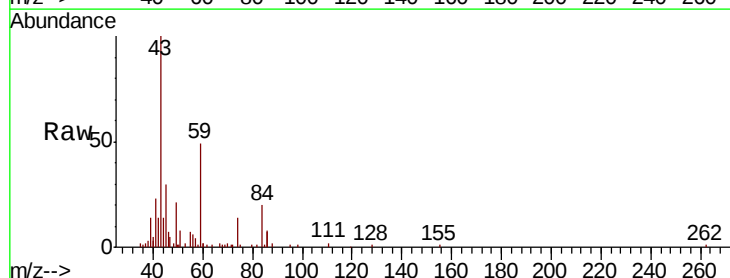
Instrument :
MSVOA_L
ClientSampled :

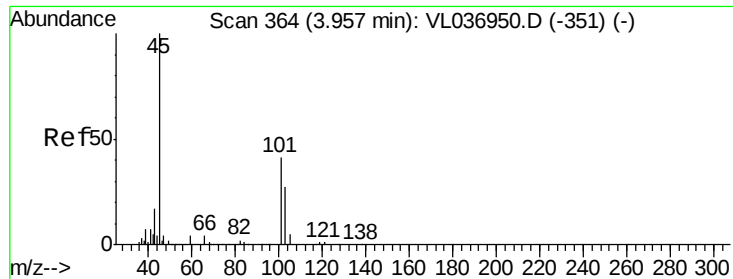
Tot Ion: 39 Resp: 28513
Ion Ratio Lower Upper
39 100
54 107.6 63.2 94.8#



#17
tert-Butyl alcohol
Concen: 0.155 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.04 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 59 Resp: 20160
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

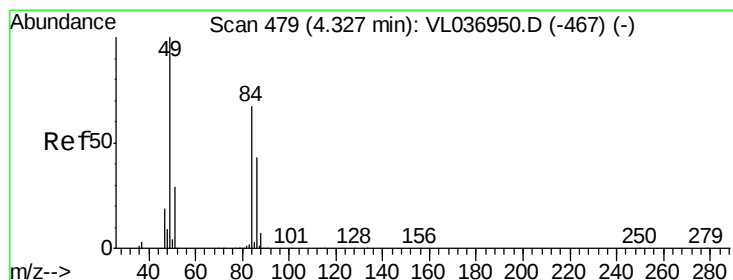
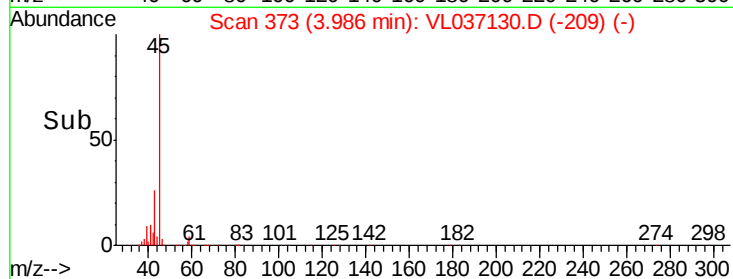
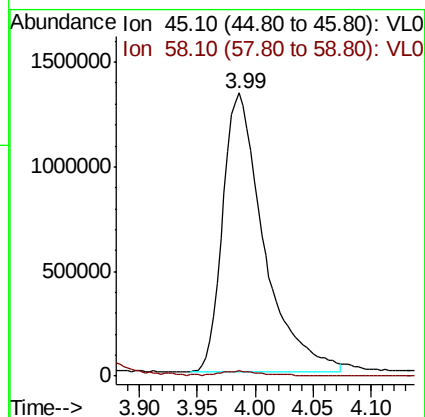
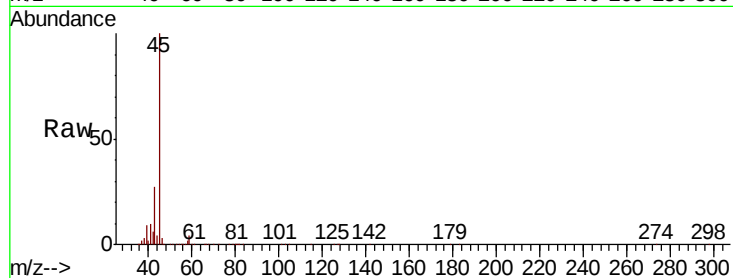




#19
Isopropyl Alcohol
Concen: 42.776 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

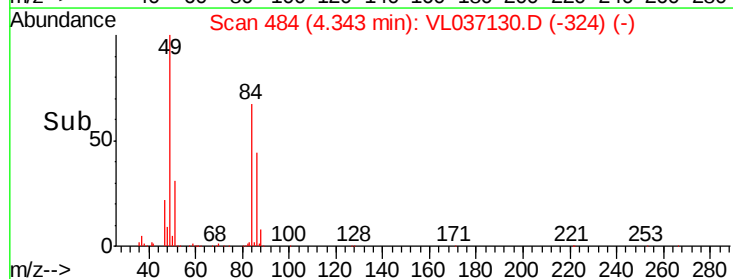
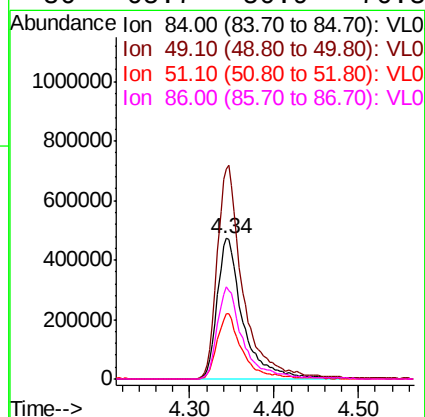
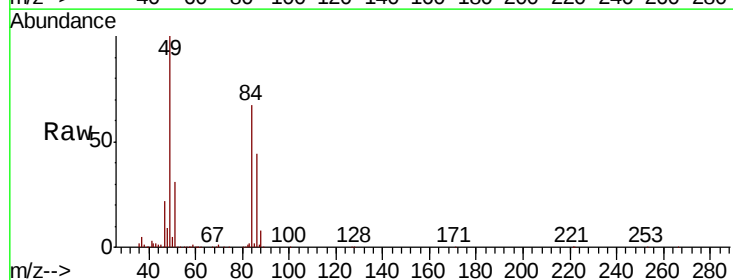
Instrument :
MSVOA_L
ClientSampleId :

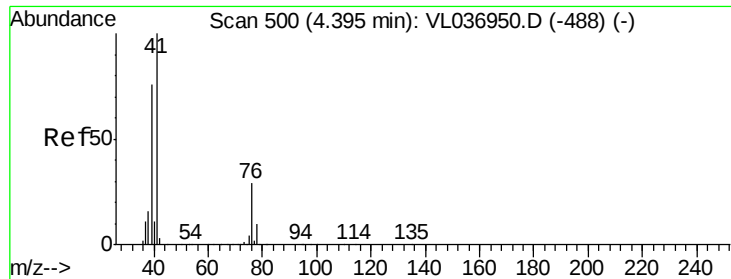
Tot Ion: 45 Resp: 3263081
Ion Ratio Lower Upper
45 100
58 2.2 37.2 55.8#



#20
Methylene Chloride
Concen: 13.211 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 84 Resp: 1004913
Ion Ratio Lower Upper
84 100
49 149.5 119.8 179.6
51 46.6 35.1 52.7
86 65.7 50.9 76.3





#21

Allvl Chloride

Concen: 0.102 ppbv

RT: 4.35 min Scan# 485

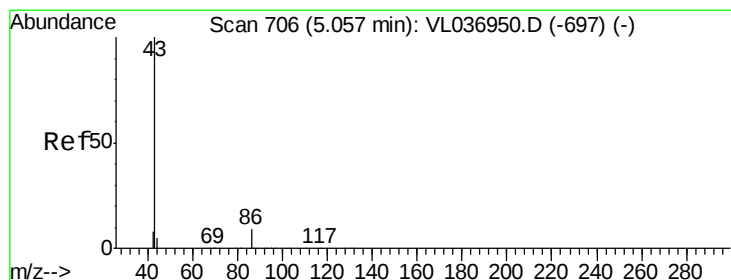
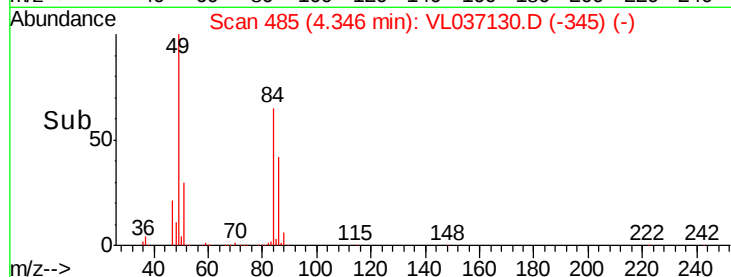
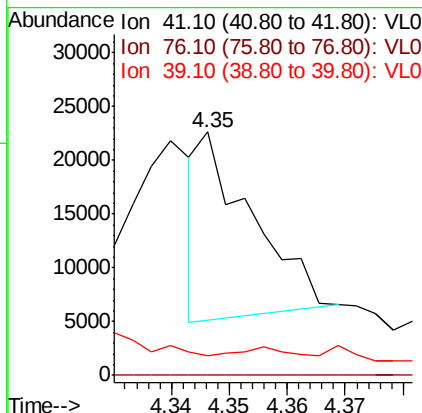
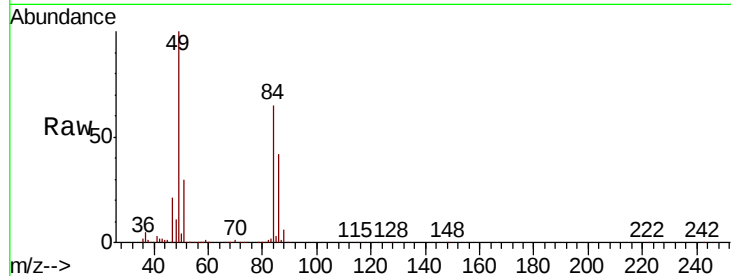
Delta R.T. -0.05 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:	41	Resp:	10965
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.9	37.3#
39	0.0	63.7	95.5#



#23

Vinyl Acetate

Concen: 0.082 ppbv

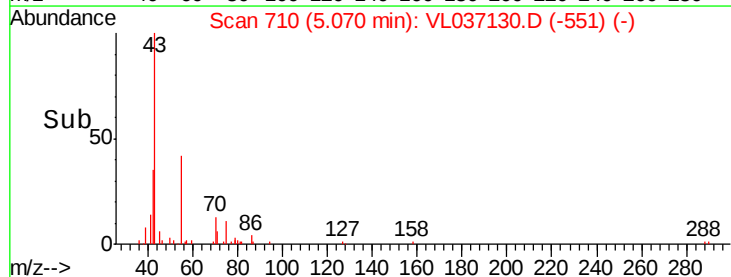
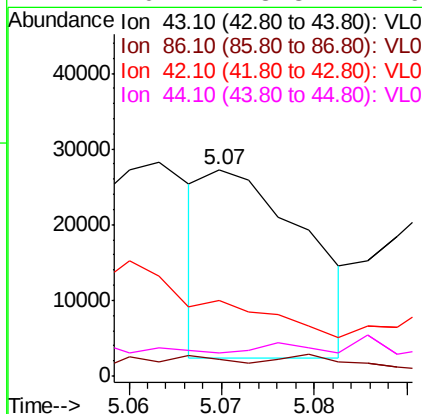
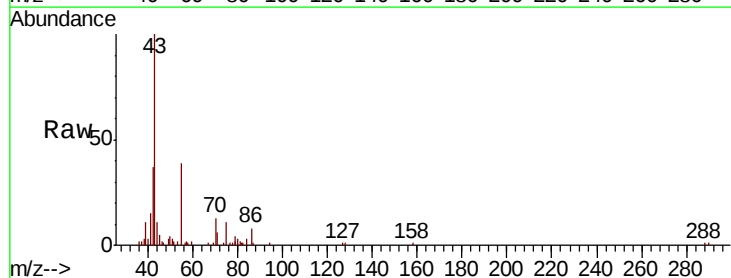
RT: 5.07 min Scan# 710

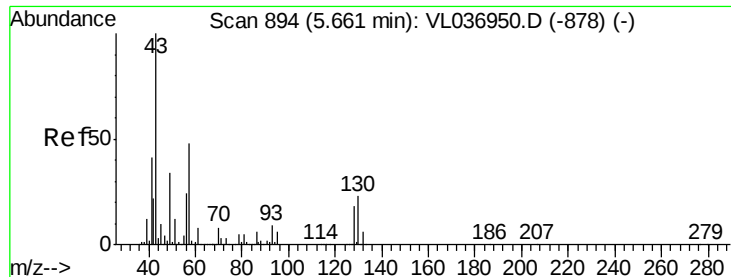
Delta R.T. 0.01 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

Tgt Ion:	43	Resp:	18576
Ion	Ratio	Lower	Upper
43	100		
86	2.7	5.8	8.8#
42	39.0	7.4	11.2#
44	0.2	3.3	4.9#

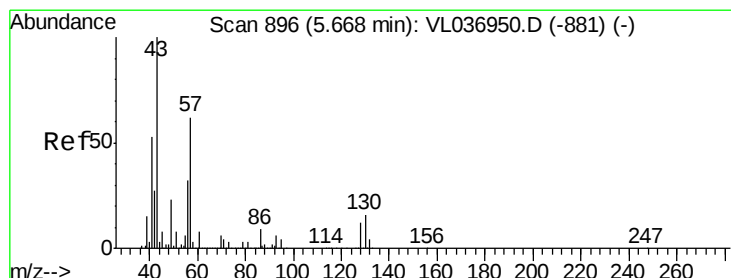
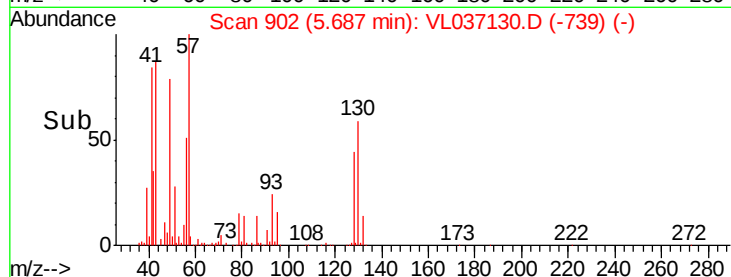
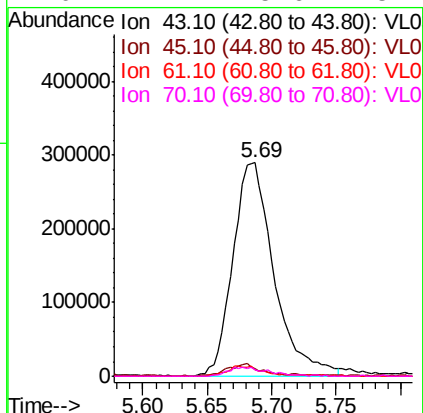
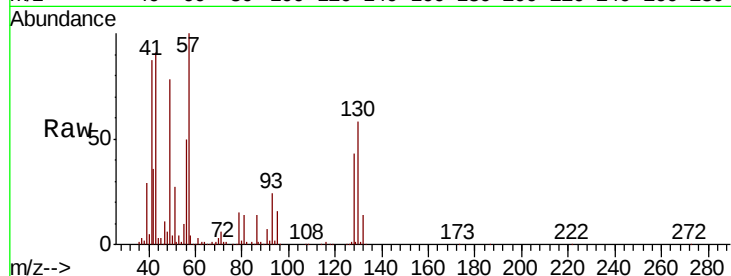




#25
Ethyl Acetate
Concen: 1.881 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.03 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

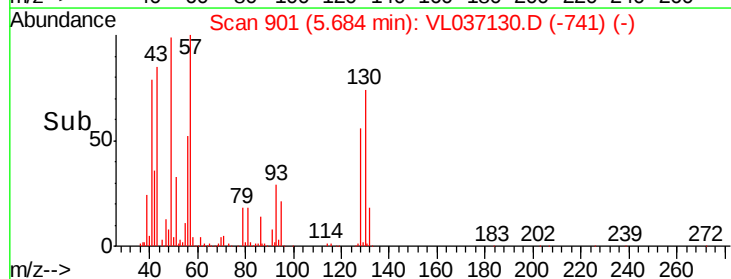
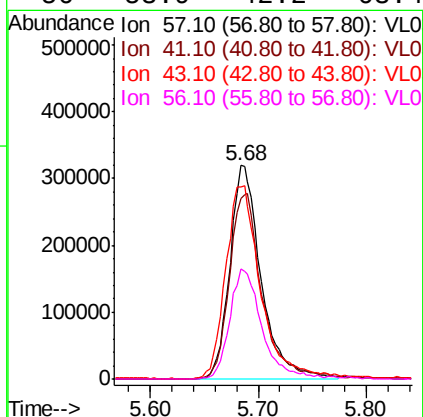
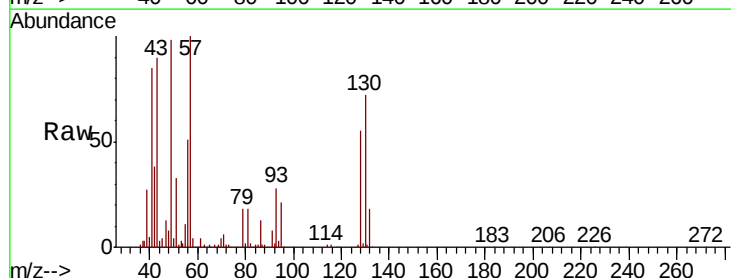
Instrument :
MSVOA_L
ClientSampleId :

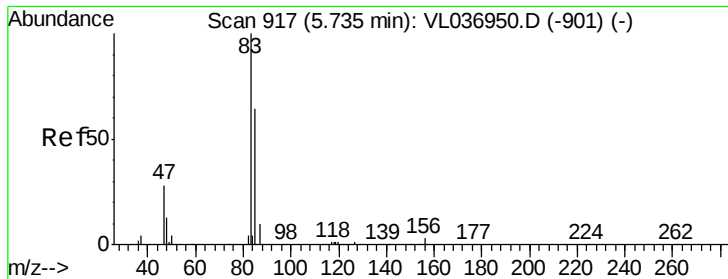
Tot Ion:	43	Resp:	641570
Ion	Ratio	Lower	Upper
43	100		
45	5.1	7.8	11.8#
61	4.6	7.8	11.8#
70	4.4	5.6	8.4#



#26
Hexane
Concen: 3.699 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion:	57	Resp:	644385
Ion	Ratio	Lower	Upper
57	100		
41	91.3	70.5	105.7
43	102.9	165.8	248.8#
56	53.9	42.2	63.4

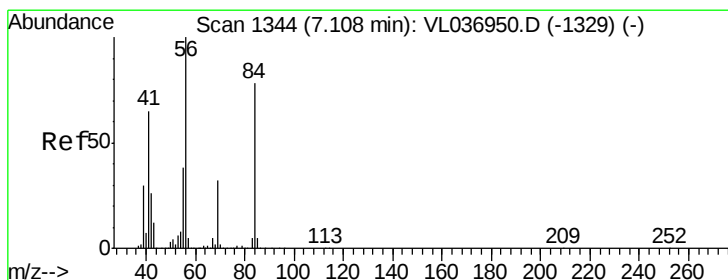
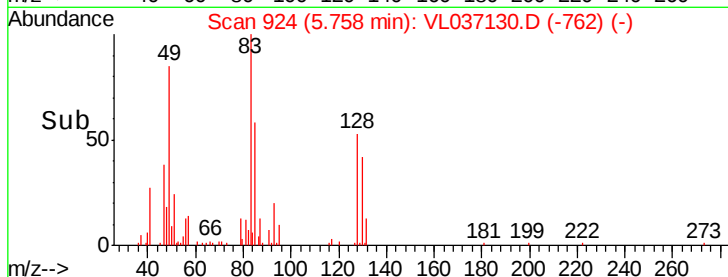
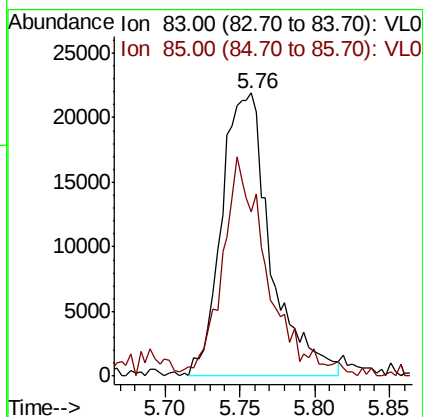
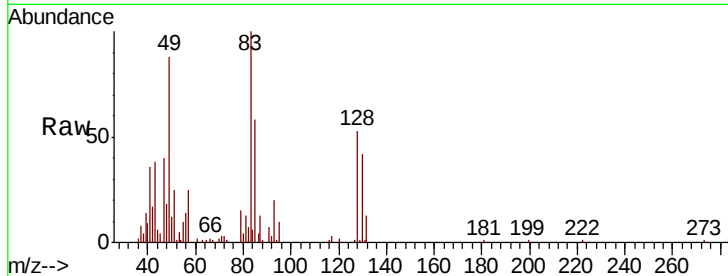




#29
Chloroform
Concen: 0.203 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

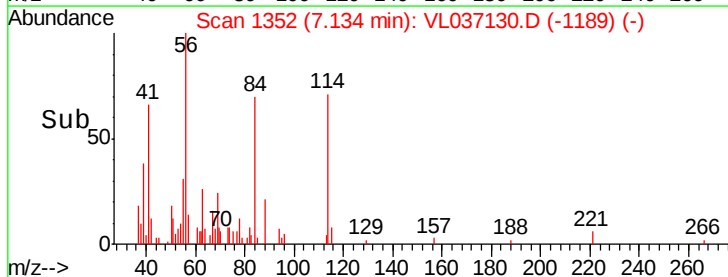
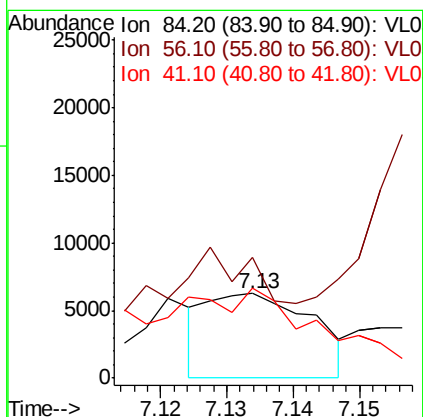
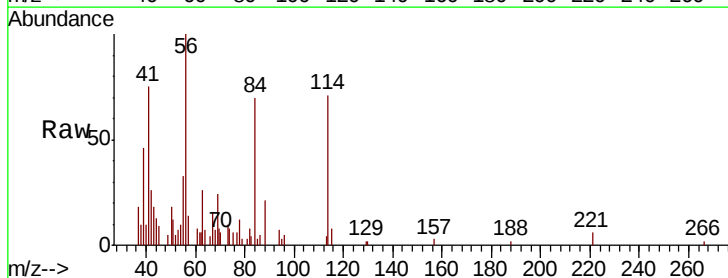
Instrument :
MSVOA_L
ClientSampled :

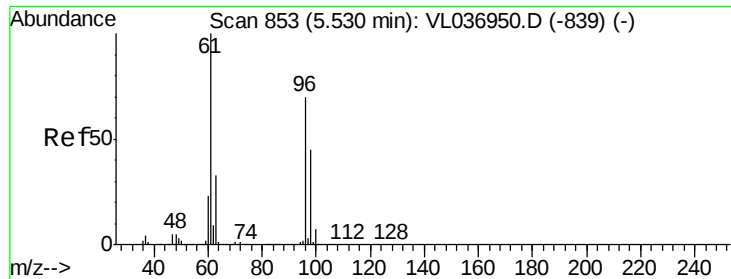
Tot Ion: 83 Resp: 49947
Ion Ratio Lower Upper
83 100
85 54.9 51.1 76.7



#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.03 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 84 Resp: 6912
Ion Ratio Lower Upper
84 100
56 0.0 107.9 161.9#
41 190.3 65.5 98.3#



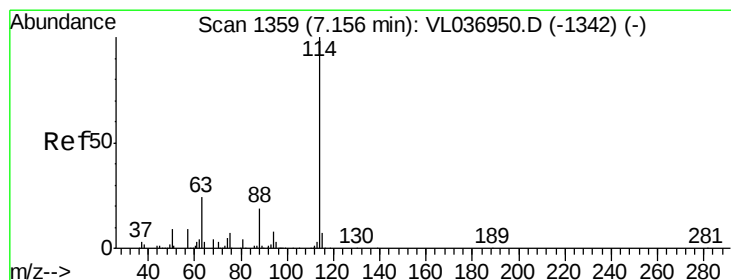
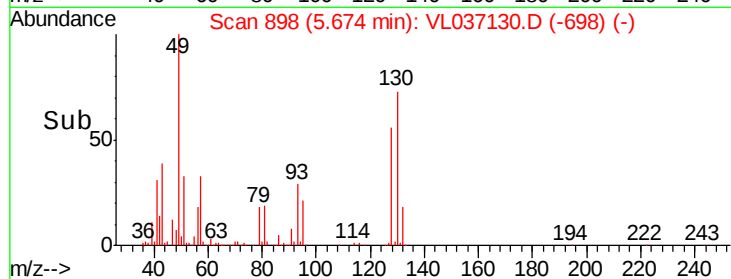
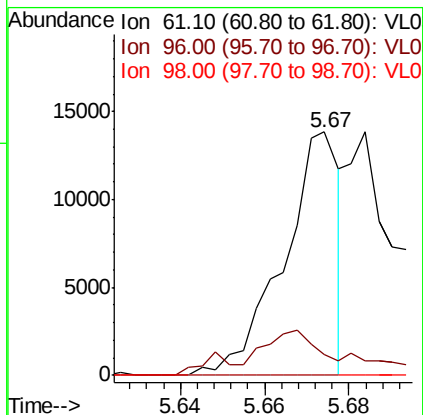
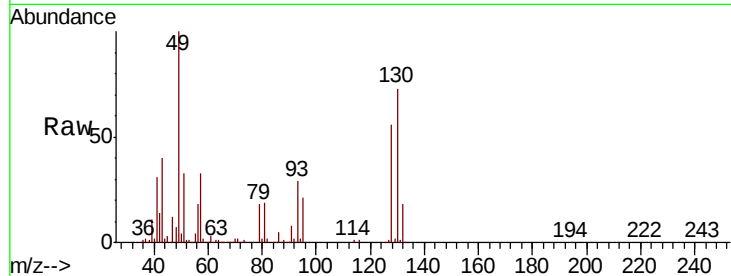


#31

cis-1,2-Dichloroethene
 Concen: 0.082 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. 0.14 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Instrument :
 MSVOA_L
 ClientSampleId :

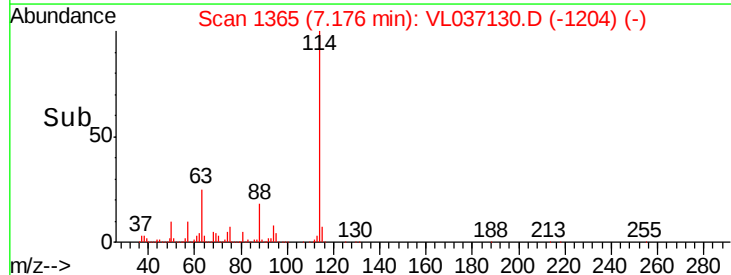
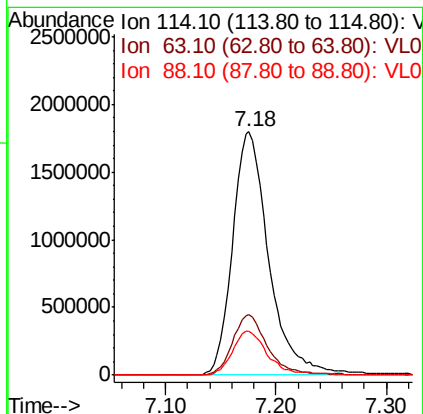
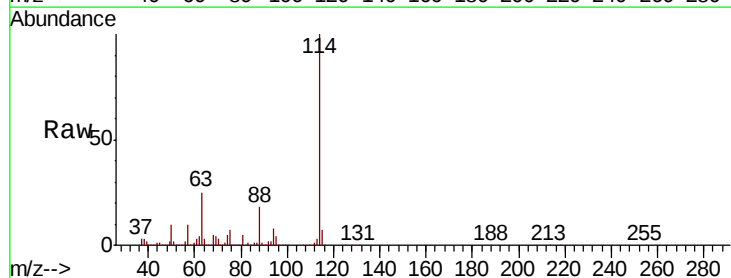
Tot Ion	61.10	Resp	12764
Ion	Ratio	Lower	Upper
61	100		
96	4.9	55.9	83.9#
98	0.0	35.6	53.4#

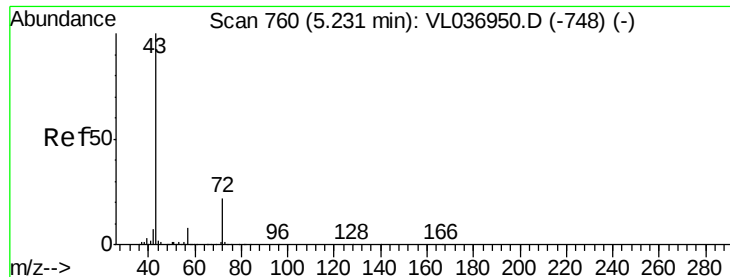


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Tgt Ion	114	Resp	4073599
Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.6	29.4
88	17.8	14.6	21.8

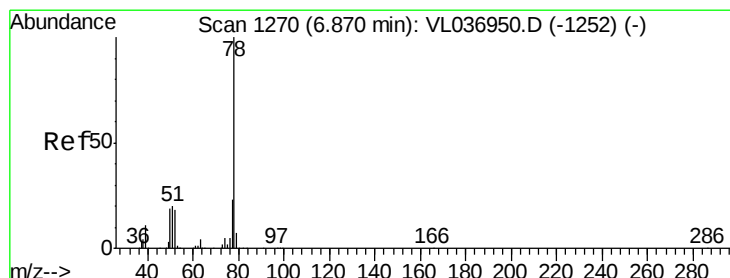
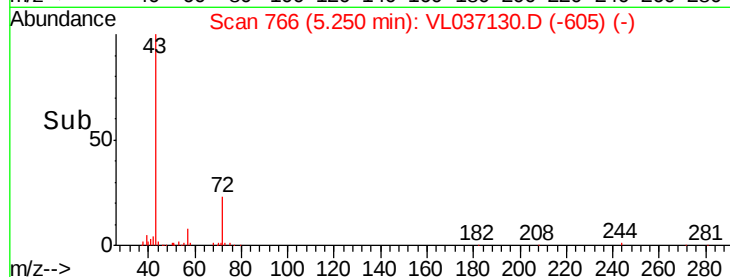
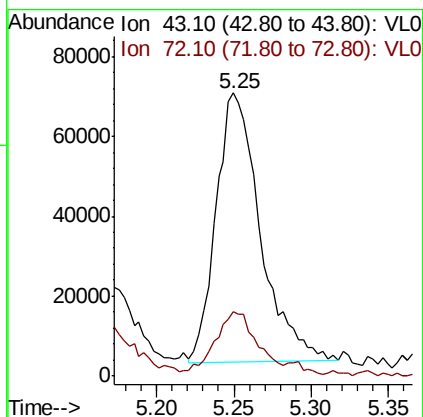
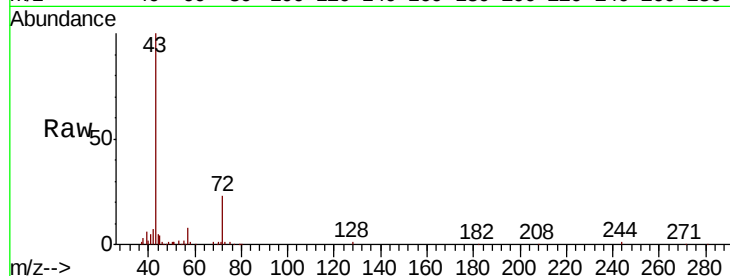




#34
2-Butanone
Concen: 0.902 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

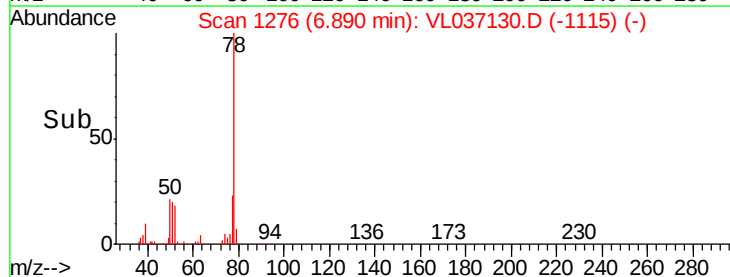
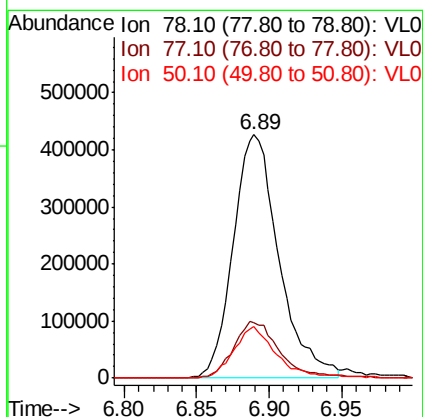
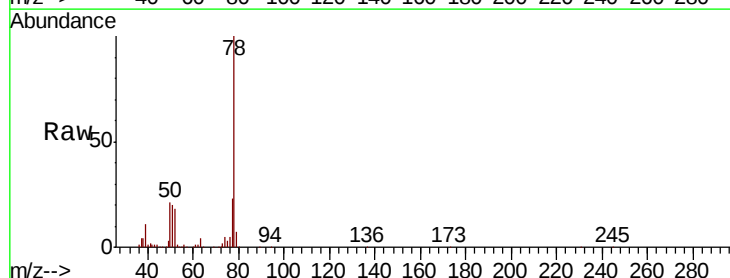
Instrument :
MSVOA_L
ClientSampleId :

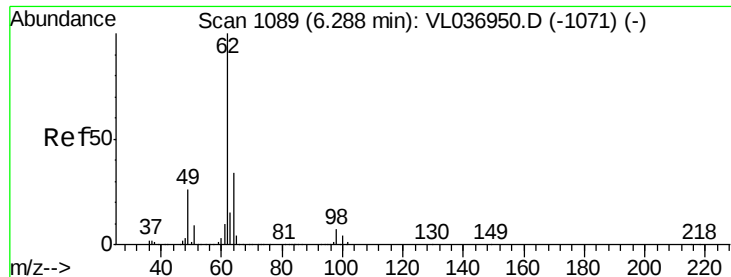
Tot Ion: 43 Resp: 133796
Ion Ratio Lower Upper
43 100
72 26.3 19.0 28.4



#36
Benzene
Concen: 2.657 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 78 Resp: 932367
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0
50 20.9 15.0 22.4





#37

1,2-Dichloroethane

Concen: 0.043 ppbv

RT: 6.31 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

Instrument :

MSVOA_L

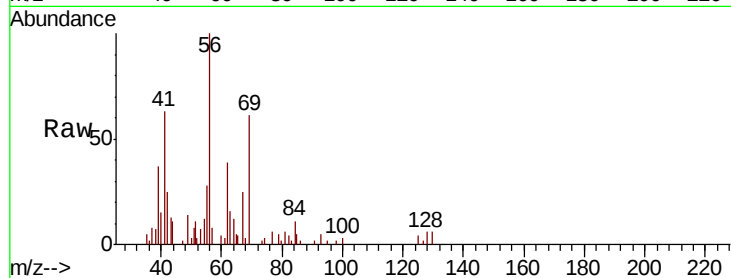
ClientSampleId :

Tot Ion: 62 Resp: 7409

Ion Ratio Lower Upper

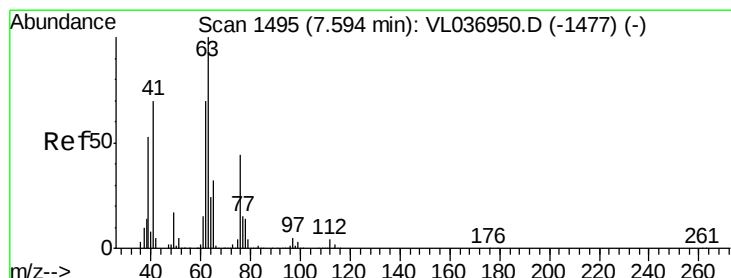
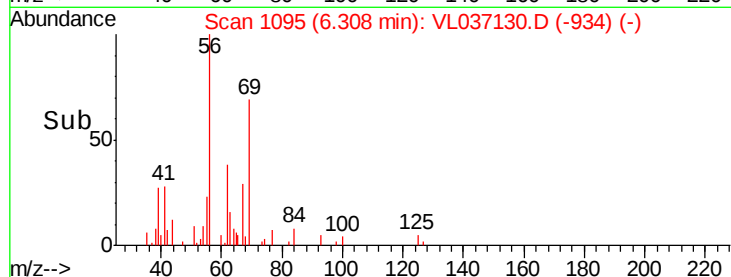
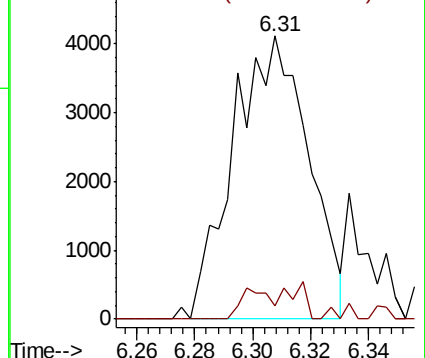
62 100

98 7.5 5.5 8.3



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#39

1,2-Dichloropropane

Concen: 7.179 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.42 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

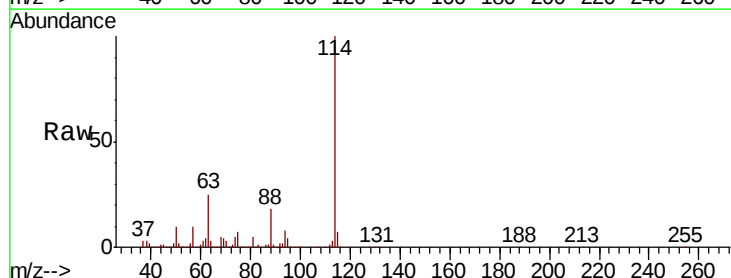
Tgt Ion: 63 Resp: 970371

Ion Ratio Lower Upper

63 100

41 0.0 55.7 83.5#

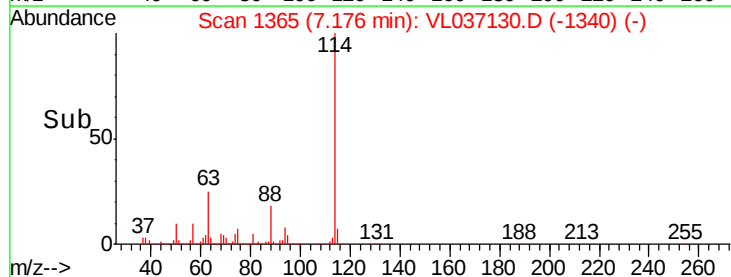
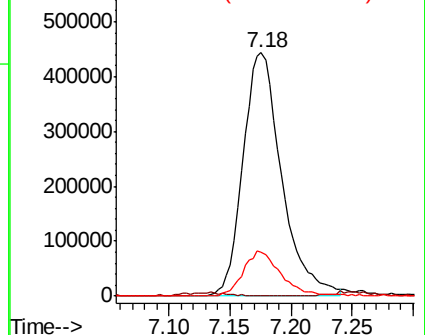
62 18.2 56.2 84.4#

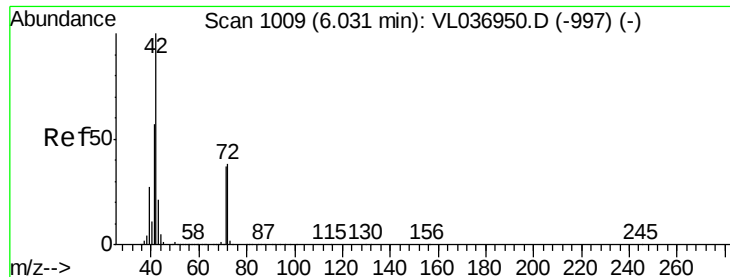


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 2.885 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.35 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

Instrument :

MSVOA_L

ClientSampleId :

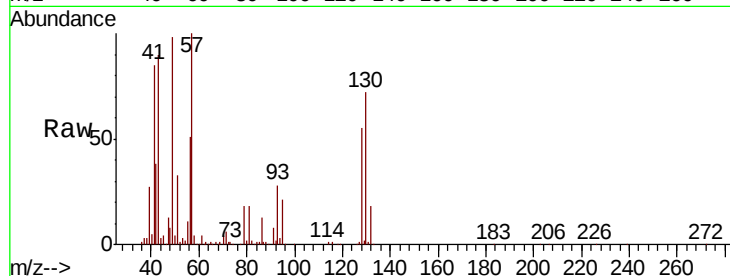
Tot Ion: 42 Resp: 243716

Ion Ratio Lower Upper

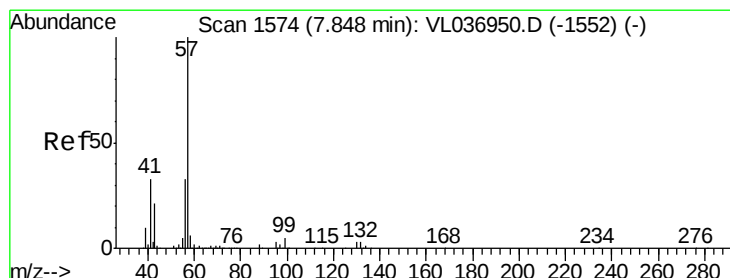
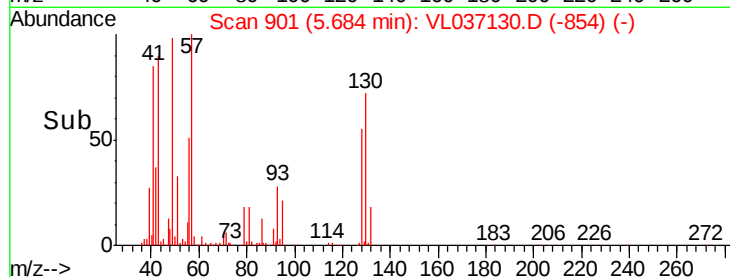
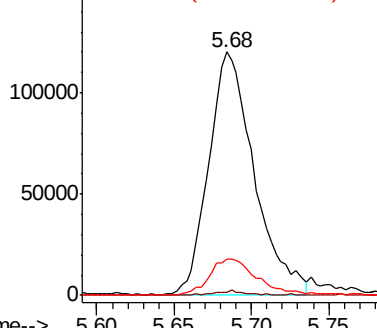
42 100

72 1.5 31.4 47.2#

71 16.5 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: 0.071 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

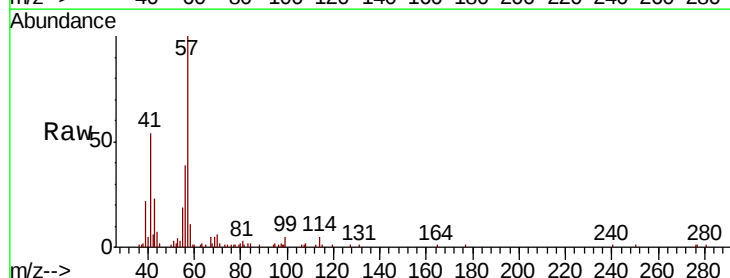
Tgt Ion: 57 Resp: 42939

Ion Ratio Lower Upper

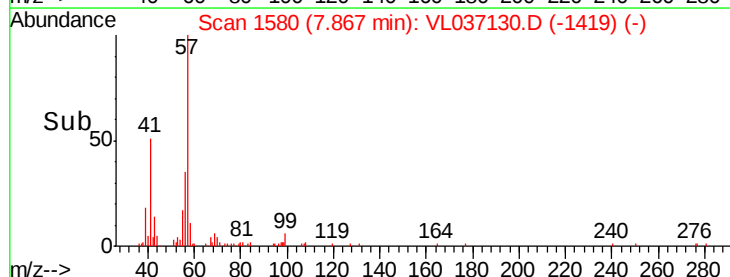
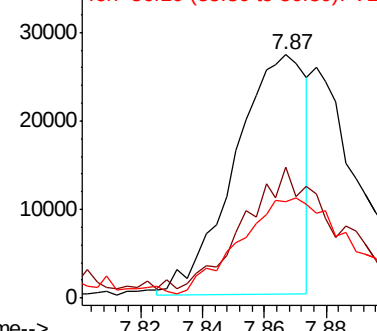
57 100

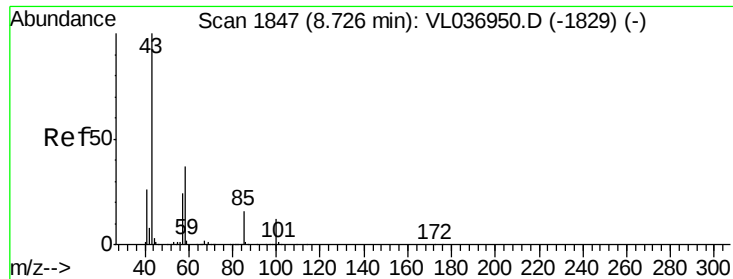
41 83.7 27.0 40.4#

56 71.4 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

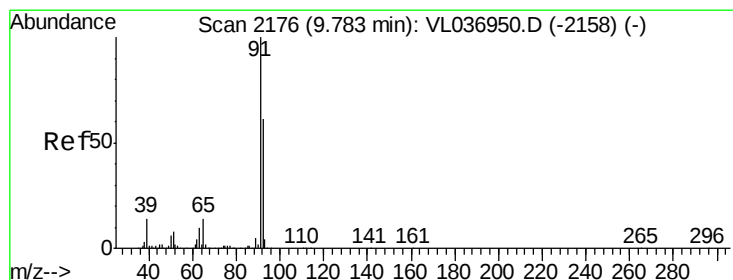
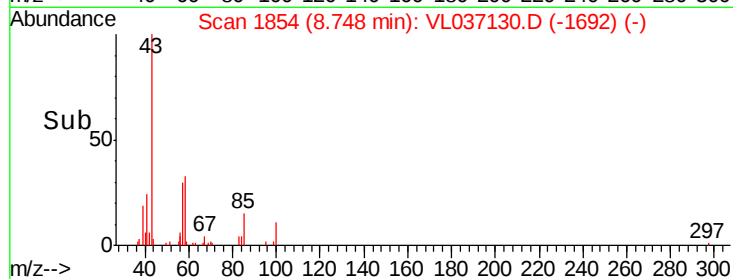
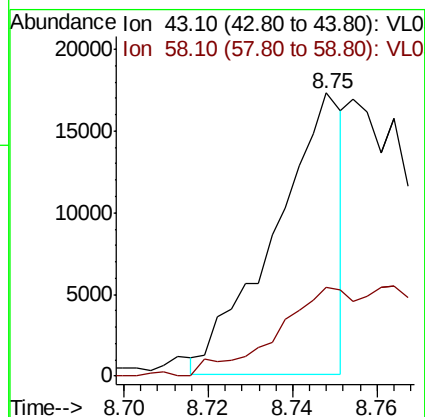
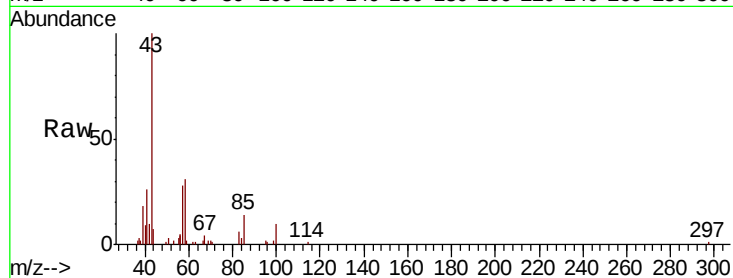




#50
4-Methyl-2-Pentanone
Concen: 0.078 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

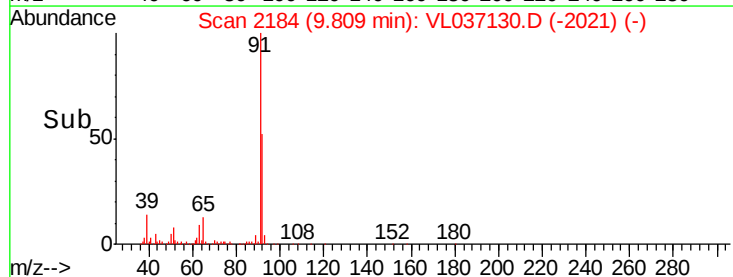
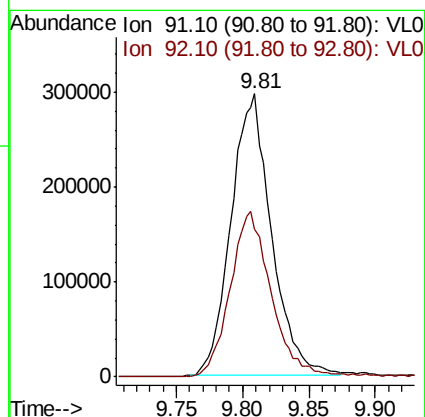
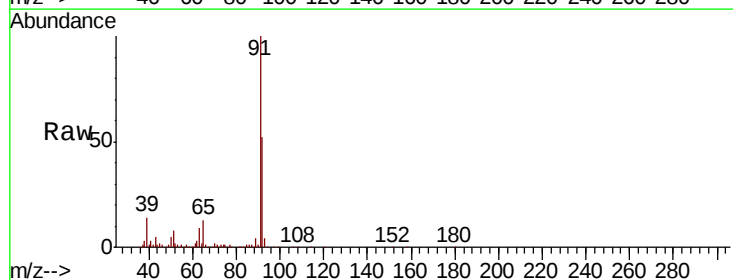
Instrument :
MSVOA_L
ClientSampleId :

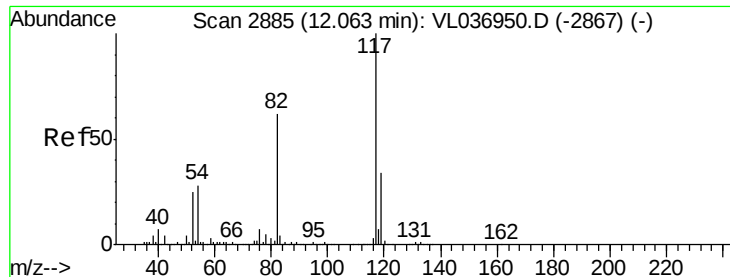
Tot Ion: 43 Resp: 19171
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#



#53
Toluene
Concen: 1.506 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. 0.03 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 91 Resp: 628760
Ion Ratio Lower Upper
91 100
92 60.3 49.5 74.3

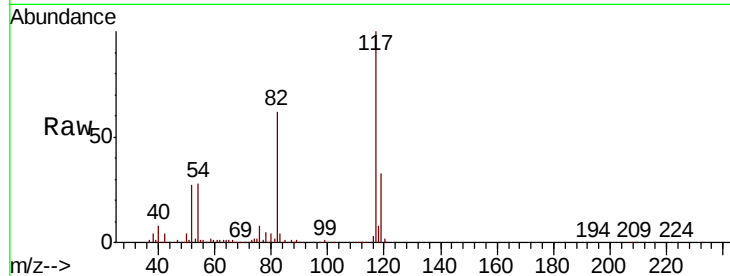




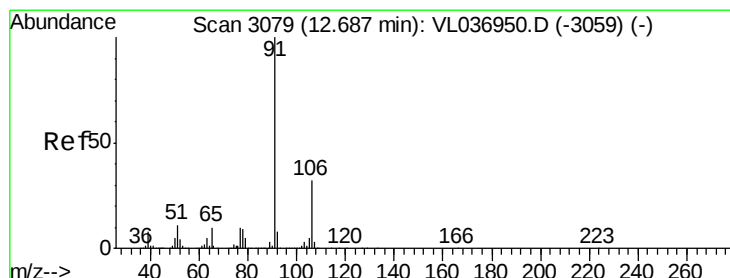
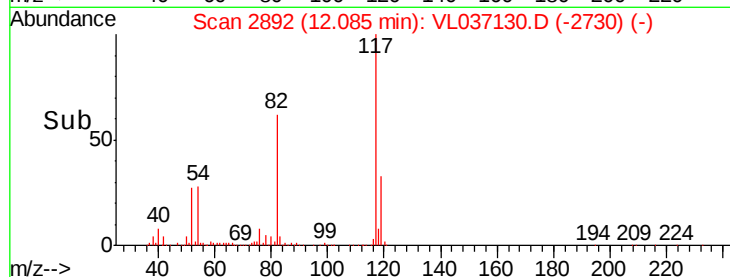
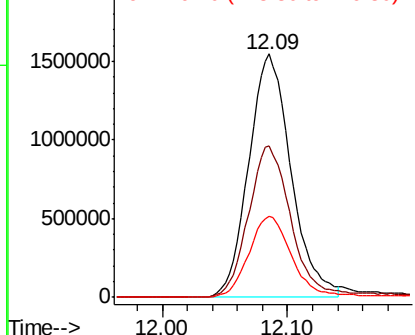
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3630243
Ion Ratio Lower Upper
117 100
82 65.7 52.6 79.0
119 34.8 46.6 70.0#

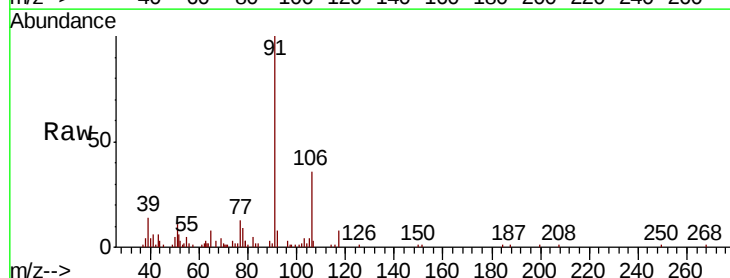


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

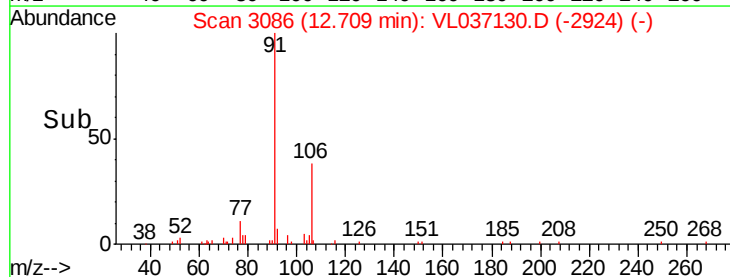
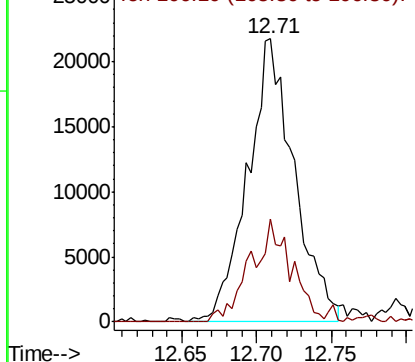


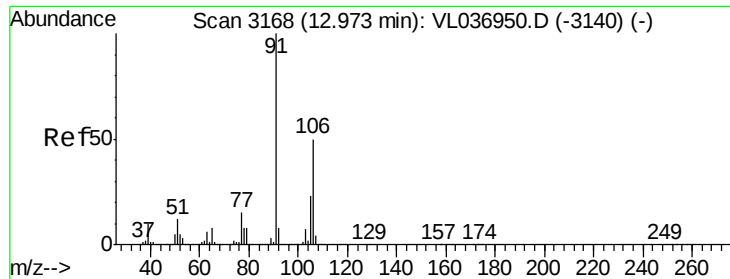
#58
Ethyl Benzene
Concen: 0.092 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 91 Resp: 46900
Ion Ratio Lower Upper
91 100
106 36.4 25.6 38.4



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

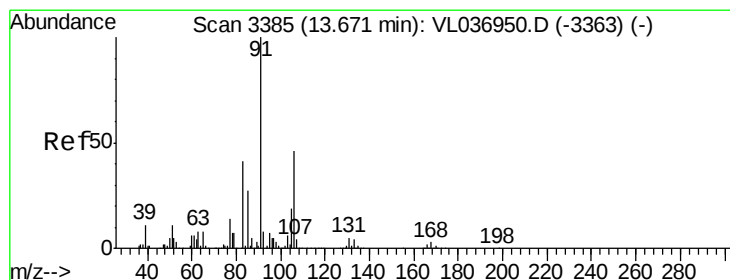
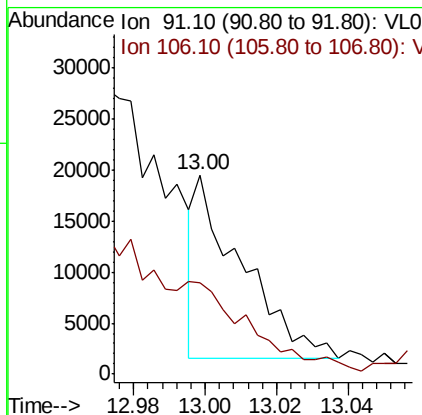
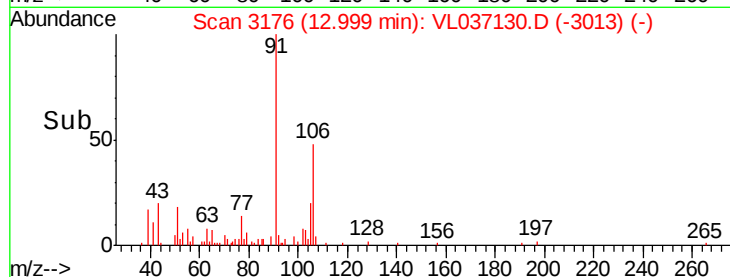
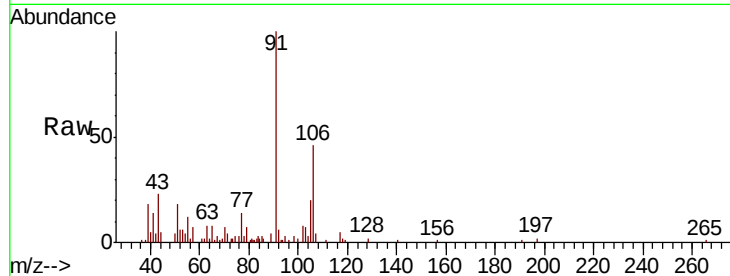




#59
m/p-Xylene
Concen: 0.038 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.03 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

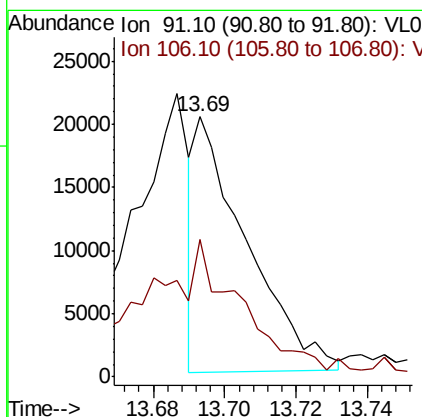
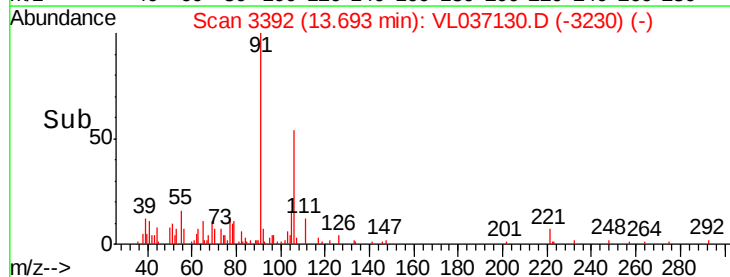
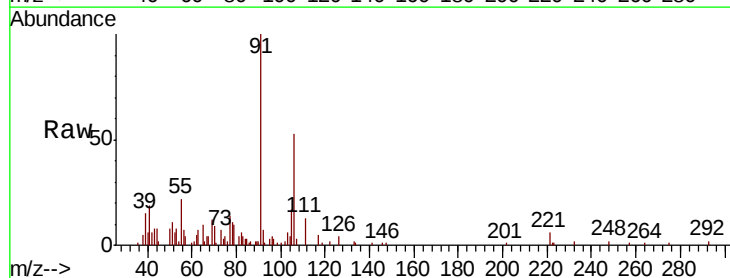
Instrument :
MSVOA_L
ClientSampled :

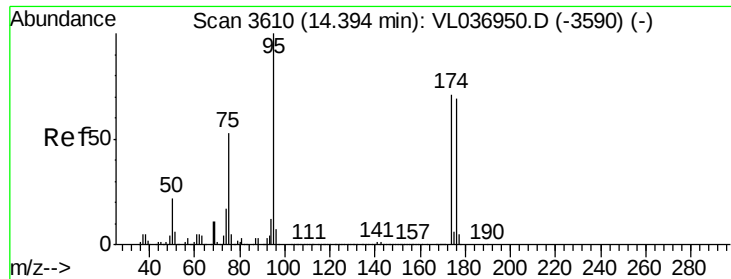
Tot Ion: 91 Resp: 16134
Ion Ratio Lower Upper
91 100
106 0.0 37.4 56.2#



#60
o-Xylene
Concen: 0.050 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL037130.D
Acq: 8 Jun 2021 13:41

Tgt Ion: 91 Resp: 20216
Ion Ratio Lower Upper
91 100
106 110.4 23.4 70.3#

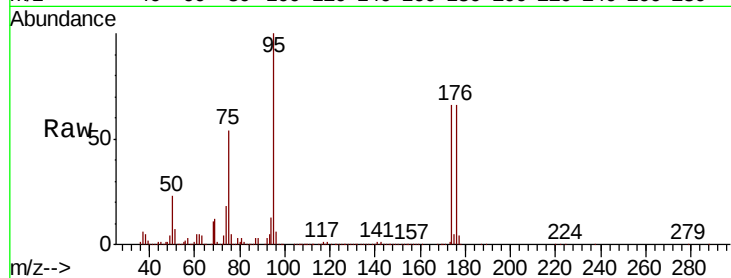




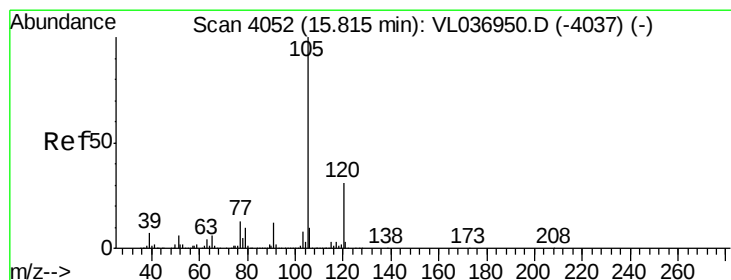
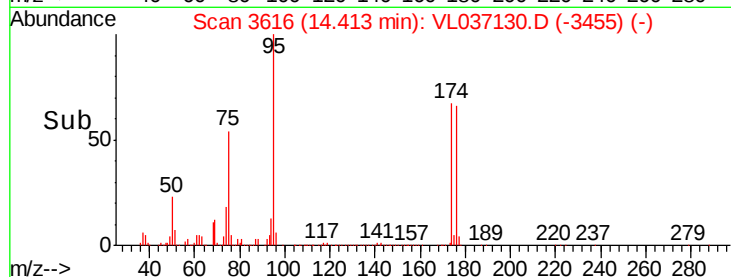
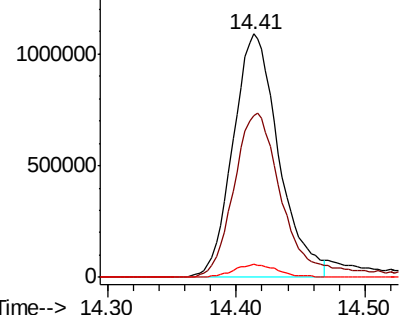
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.882 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 95 Resp: 2694932
 Ion Ratio Lower Upper
 95 100
 174 75.2 58.4 87.6
 175 5.3 4.4 6.6

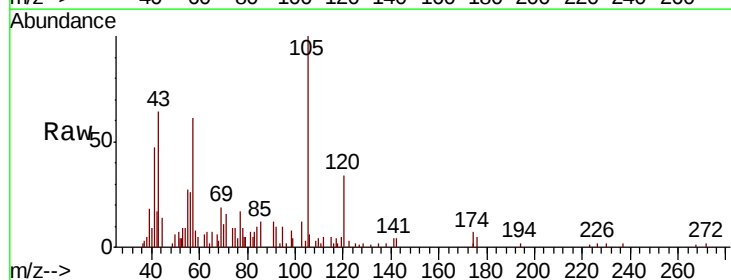


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

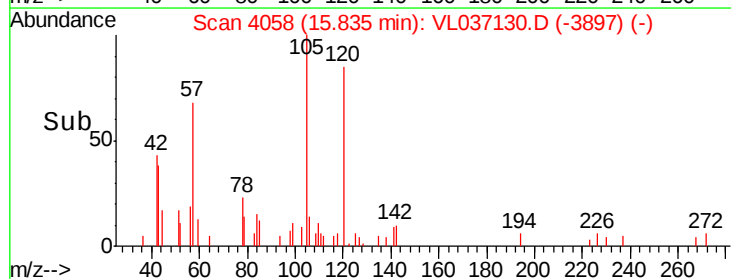
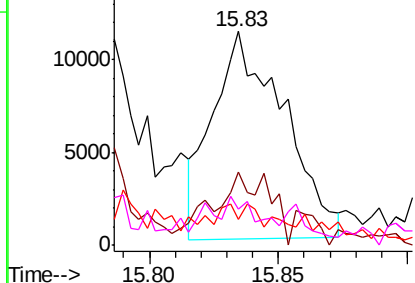


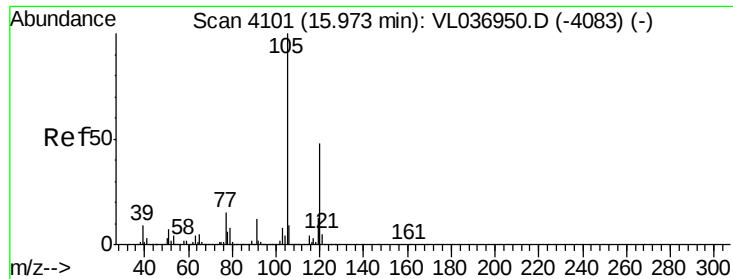
#72
 4-Ethyltoluene
 Concen: 0.045 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.02 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Tgt Ion: 105 Resp: 21497
 Ion Ratio Lower Upper
 105 100
 120 38.5 24.6 37.0#
 91 0.0 9.8 14.6#
 77 16.9 10.4 15.6#



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

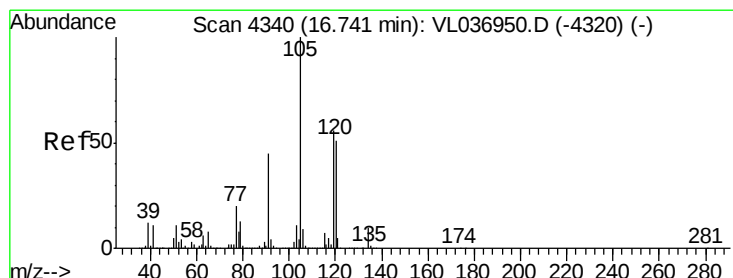
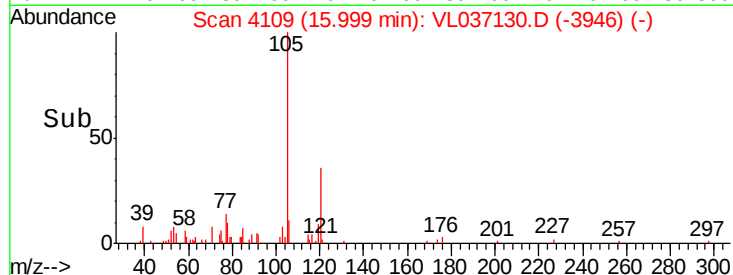
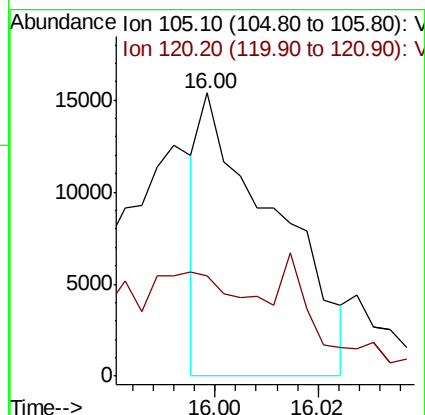
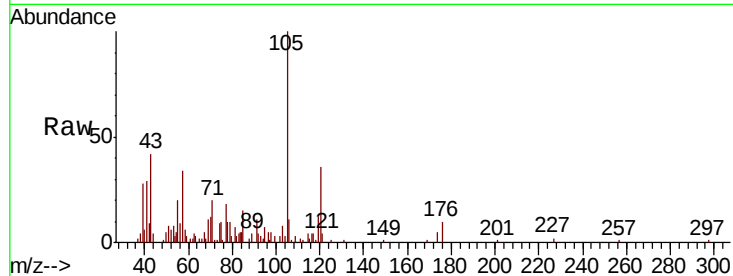




#73
 1,3,5-Trimethylbenzene
 Concen: 0.034 ppbv
 RT: 16.00 min Scan# 4109
 Delta R.T. 0.03 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

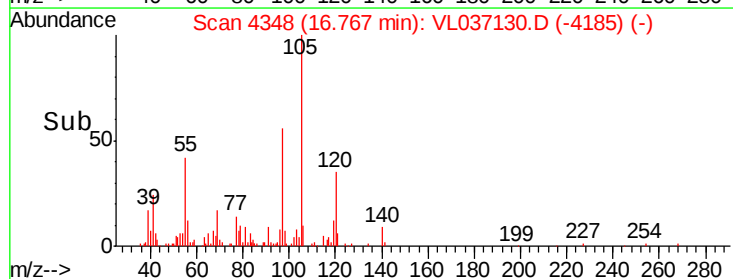
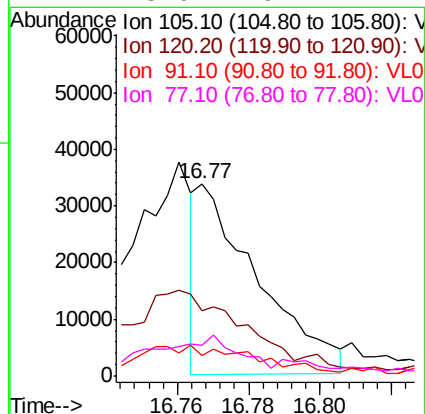
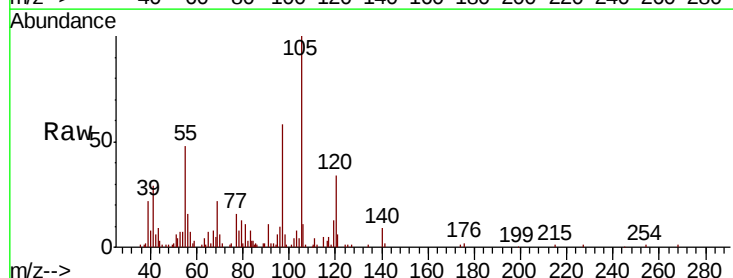
Instrument :
 MSVOA_L
 ClientSampleId :

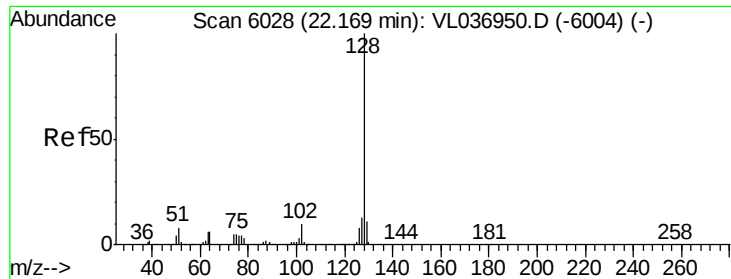
Tot Ion:105 Resp: 15526
 Ion Ratio Lower Upper
 105 100
 120 33.8 38.6 58.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.085 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.03 min
 Lab File: VL037130.D
 Acq: 8 Jun 2021 13:41

Tgt Ion:105 Resp: 39565
 Ion Ratio Lower Upper
 105 100
 120 34.6 40.6 61.0#
 91 10.1 37.4 56.0#
 77 13.9 16.2 24.4#





#79

Naphthalene

Concen: 0.080 ppbv

RT: 22.20 min Scan# 6037

Delta R.T. 0.03 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

Instrument :

MSVOA_L

ClientSampled :

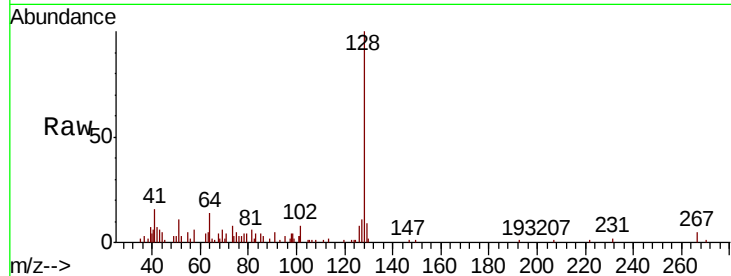
Tot Ion:128 Resp: 29290

Ion Ratio Lower Upper

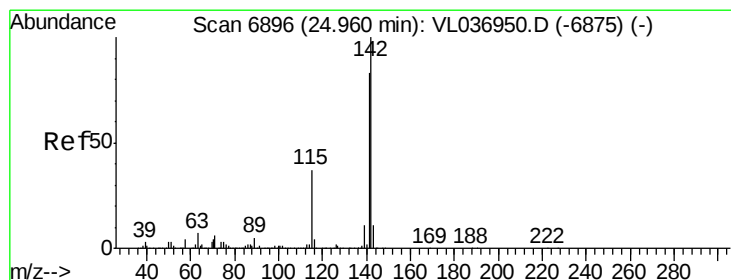
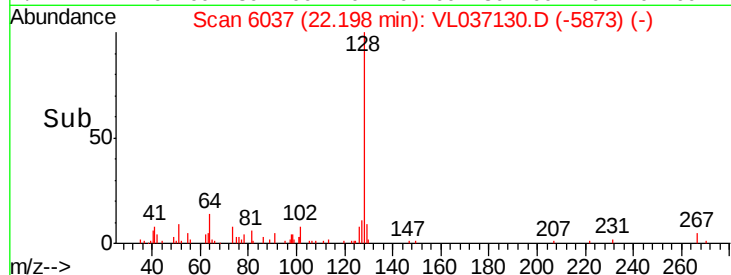
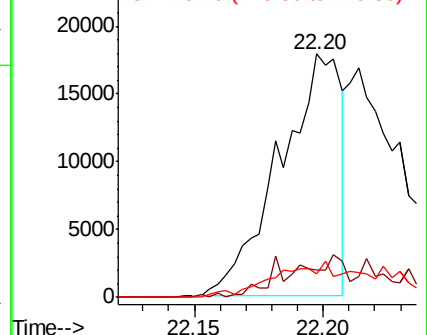
128 100

127 11.4 10.4 15.6

129 11.6 9.0 13.6



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.041 ppbv

RT: 24.99 min Scan# 6905

Delta R.T. 0.03 min

Lab File: VL037130.D

Acq: 8 Jun 2021 13:41

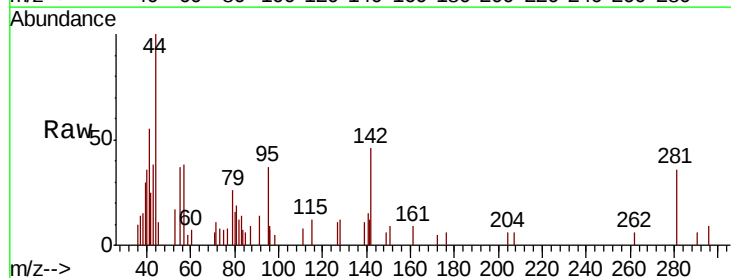
Tgt Ion:142 Resp: 3281

Ion Ratio Lower Upper

142 100

141 52.8 69.3 103.9#

115 31.6 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

