

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038866.D
 Acq On : 8 Apr 2022 9:08
 Operator : SY/AP
 Sample : N2274-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 11 01:11:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1023585	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2565084	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	2297314	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1888363	10.84	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.40%

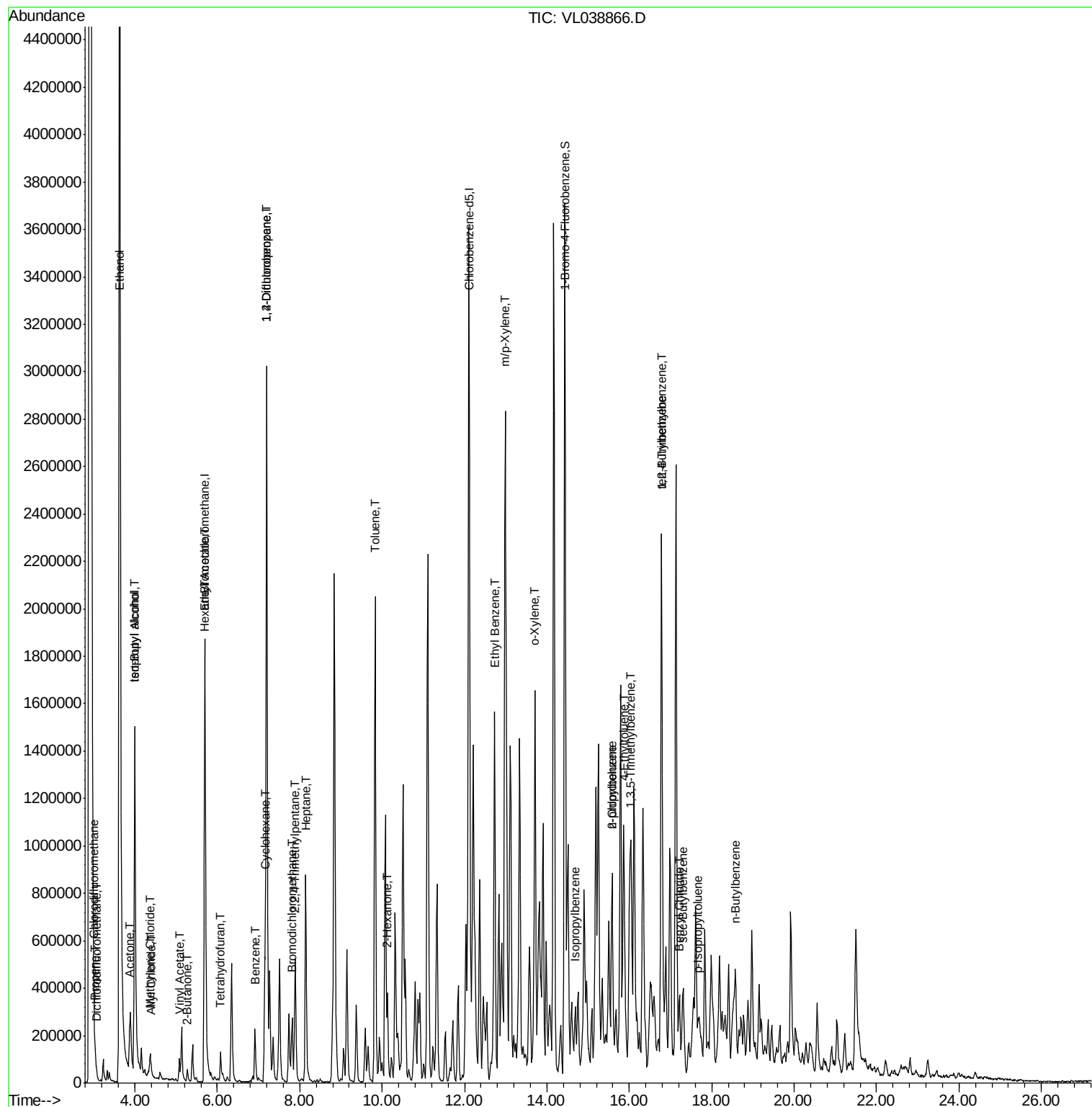
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	5269	0.036	ppbv	91
3) Chlorodifluoromethane	3.01	51	7970	0.064	ppbv	94
9) Propene	3.04	41	16344	0.247	ppbv #	80
10) Heptane	8.14	43	439835	2.642	ppbv	100
13) Ethanol	3.63	45	8661005	2156.335	ppbv #	100
15) Acetone	3.87	43	287841	2.825	ppbv	92
17) tert-Butyl alcohol	4.00	59	67410	0.738	ppbv	99
19) Isopropyl Alcohol	3.99	45	2055203	39.459	ppbv #	100
20) Methylene Chloride	4.37	84	33756	0.913	ppbv #	94
21) Allyl Chloride	4.39	41	3054	0.040	ppbv #	1
23) Vinyl Acetate	5.09	43	15597	0.157	ppbv #	1
25) Ethyl Acetate	5.71	43	186200	0.720	ppbv #	87
26) Hexane	5.71	57	213320	1.812	ppbv #	48
30) Cyclohexane	7.16	84	74522	0.718	ppbv #	1
34) 2-Butanone	5.27	43	26439	0.261	ppbv #	55
36) Benzene	6.91	78	208601	0.894	ppbv	98
39) 1,2-Dichloropropane	7.20	63	656555	7.356	ppbv #	26
41) Tetrahydrofuran	6.08	42	76178	0.791	ppbv	98
42) Bromodichloromethane	7.82	83	20833	0.124	ppbv #	24
44) 2,2,4-Trimethylpentane	7.89	57	248588	0.629	ppbv #	20
51) 2-Hexanone	10.13	43	201787	1.175	ppbv #	26
53) Toluene	9.83	91	1714213	6.364	ppbv	98
58) Ethyl Benzene	12.73	91	1371650	3.996	ppbv	96
59) m/p-Xylene	12.99	91	2873426	9.963	ppbv	100
60) o-Xylene	13.71	91	1321103	4.895	ppbv	93
62) Isopropylbenzene	14.69	105	208123	0.514	ppbv	95
64) n-propylbenzene	15.58	120	76283	0.725	ppbv #	1
65) tert-Butylbenzene	16.78	119	161049	0.448	ppbv #	55
66) Benzyl Chloride	17.23	91	37020	0.506	ppbv #	65
67) sec-Butylbenzene	17.31	105	154266	0.306	ppbv	98
69) p-Isopropyltoluene	17.67	119	63931	0.154	ppbv	94
70) n-Butylbenzene	18.57	91	93002	0.223	ppbv #	1
71) 2-Chlorotoluene	15.58	91	702200	2.305	ppbv #	43
72) 4-Ethyltoluene	15.86	105	632512	1.963	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	501422	1.732	ppbv	91
74) 1,2,4-Trimethylbenzene	16.78	105	1514886	4.950	ppbv #	71

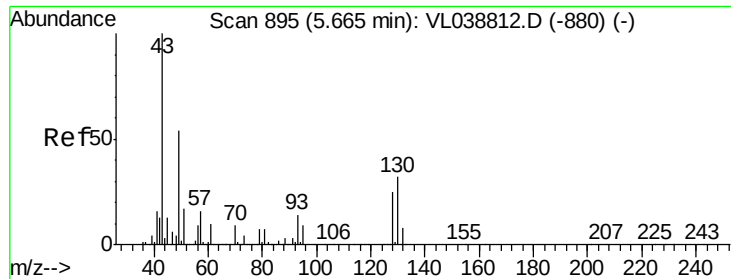
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040722\
Data File : VL038866.D
Acq On : 8 Apr 2022 9:08
Operator : SY/AP
Sample : N2274-03DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

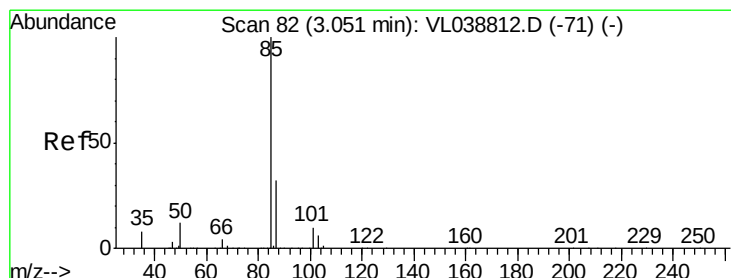
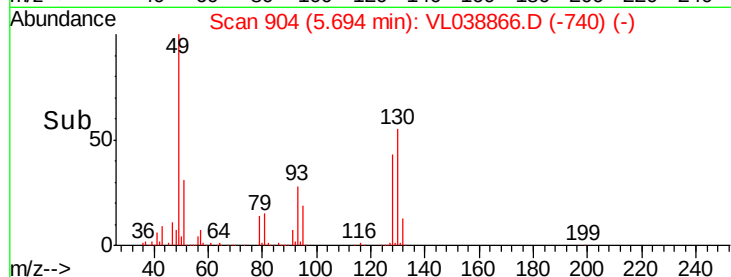
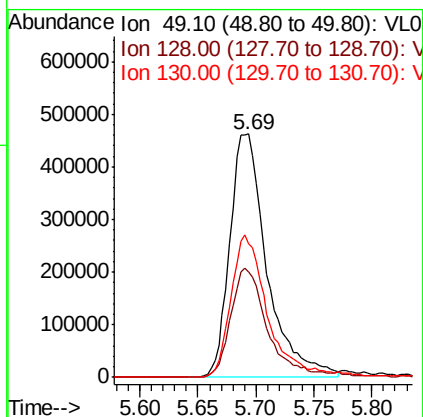
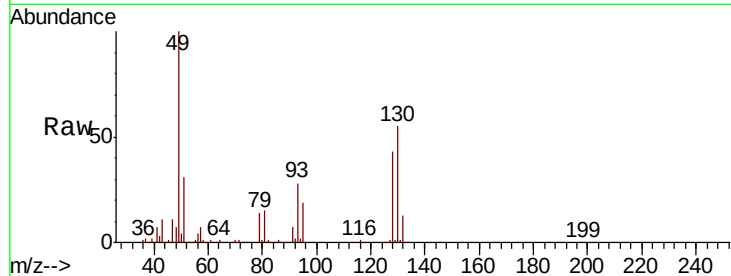
Quant Time: Apr 11 01:11:06 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
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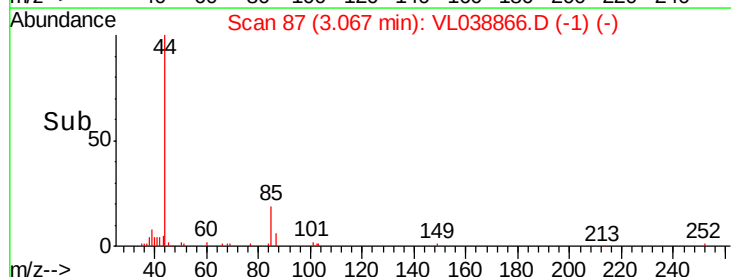
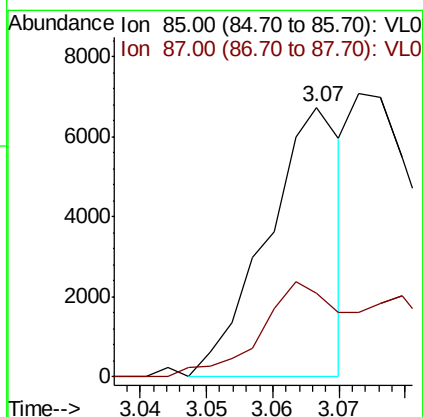
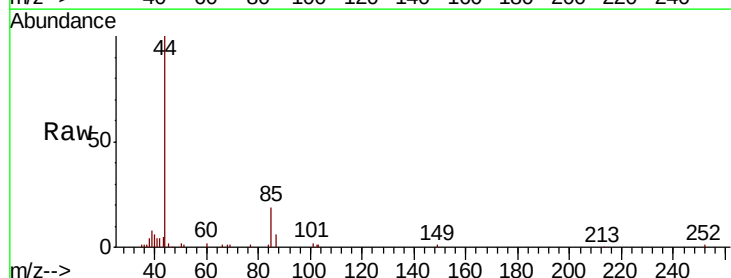
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 9:08

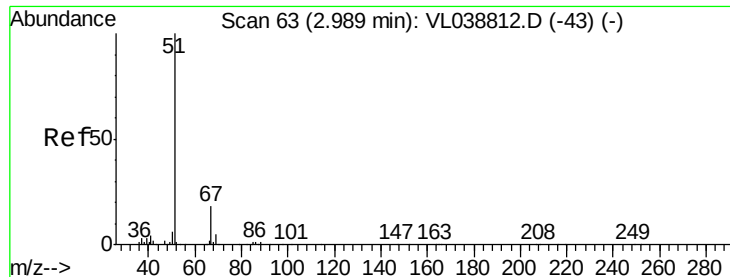
Tot Ion: 49 Resp: 1023585
 Ion Ratio Lower Upper
 49 100
 128 45.5 24.1 72.3
 130 60.0 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 0.036 ppbv
 RT: 3.07 min Scan# 87
 Delta R.T. 0.02 min
 Lab File: VL038866.D
 Acq: 8 Apr 2022 9:08

Tgt Ion: 85 Resp: 5269
 Ion Ratio Lower Upper
 85 100
 87 27.4 25.9 38.9





#3

Chlorodifluoromethane

Concen: 0.064 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

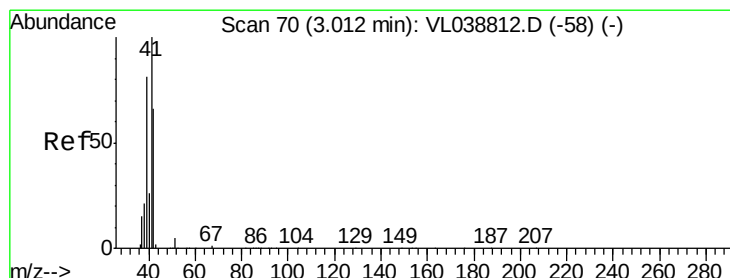
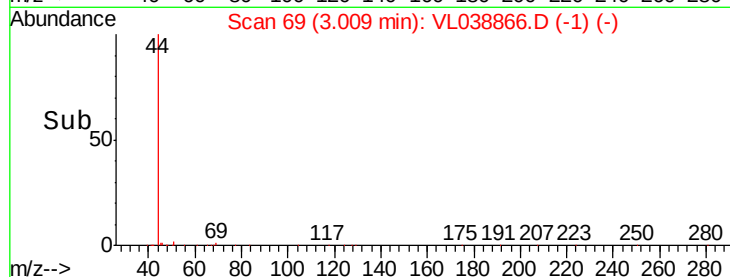
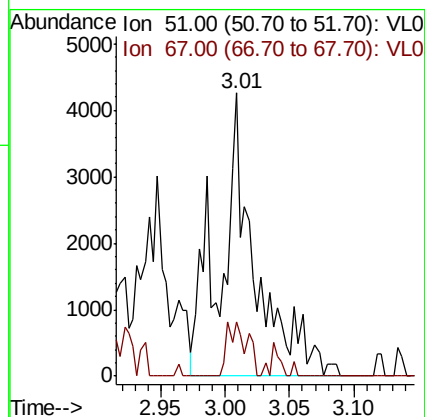
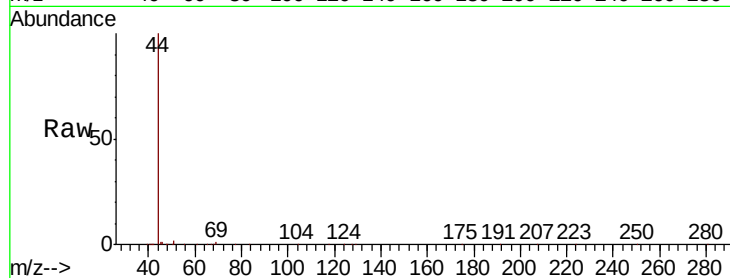
Acq: 8 Apr 2022 9:08

Tot Ion: 51 Resp: 7970

Ion Ratio Lower Upper

51 100

67 14.3 13.4 20.0



#9

Propene

Concen: 0.247 ppbv

RT: 3.04 min Scan# 78

Delta R.T. 0.03 min

Lab File: VL038866.D

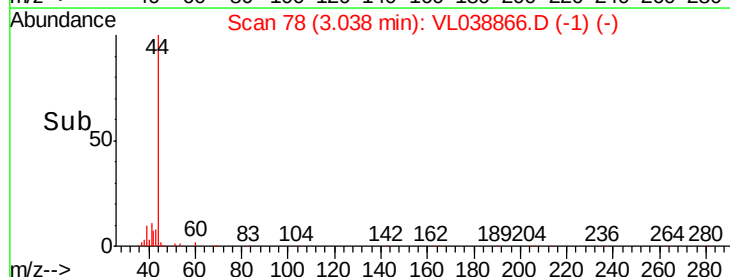
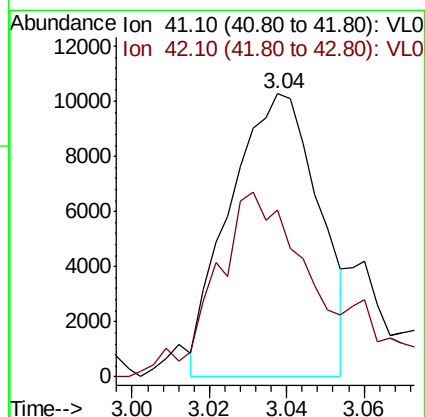
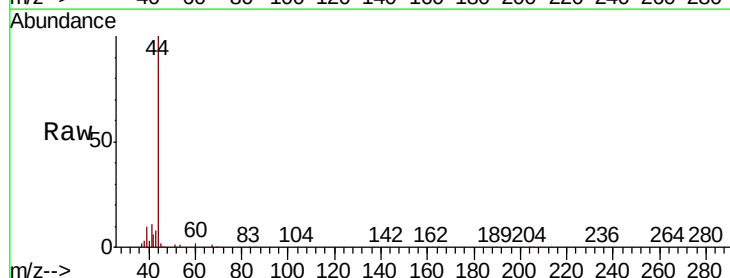
Acq: 8 Apr 2022 9:08

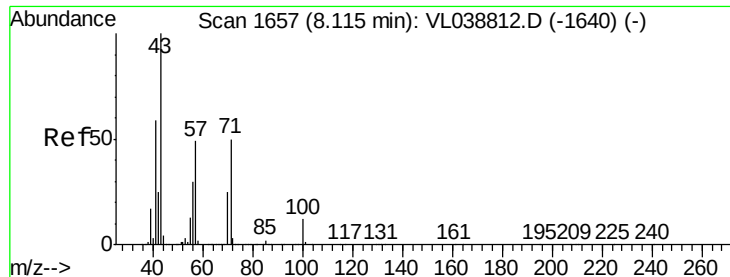
Tgt Ion: 41 Resp: 16344

Ion Ratio Lower Upper

41 100

42 83.6 54.2 81.4#





#10

Heptane

Concen: 2.642 ppbv

RT: 8.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

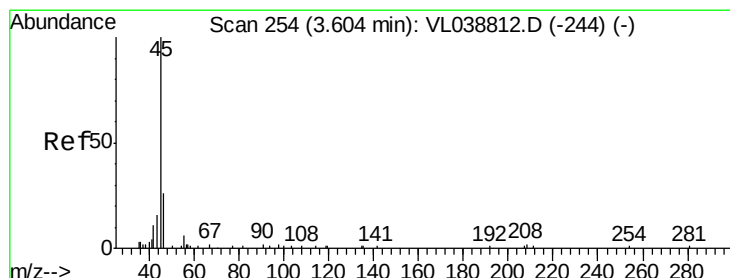
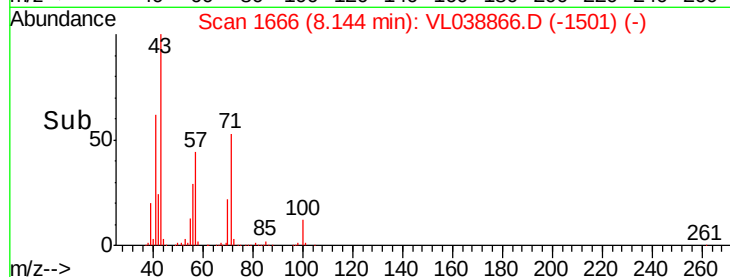
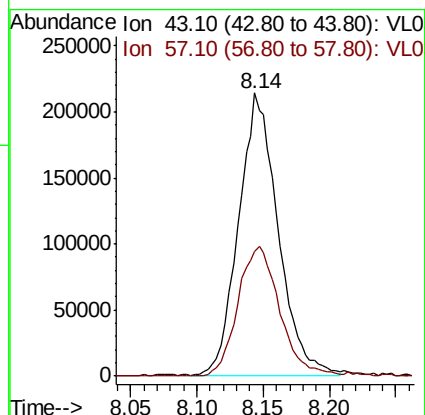
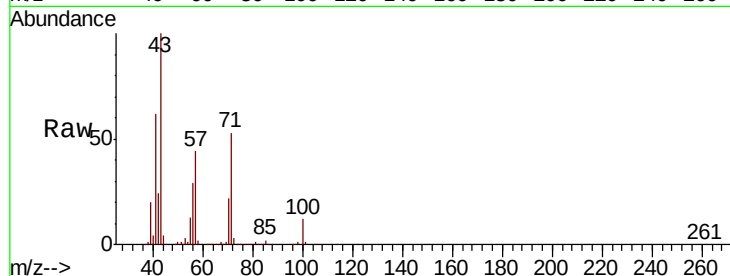
Acq: 8 Apr 2022 9:08

Tot Ion: 43 Resp: 439835

Ion Ratio Lower Upper

43 100

57 48.9 39.3 58.9



#13

Ethanol

Concen: 2156.335 ppbv

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL038866.D

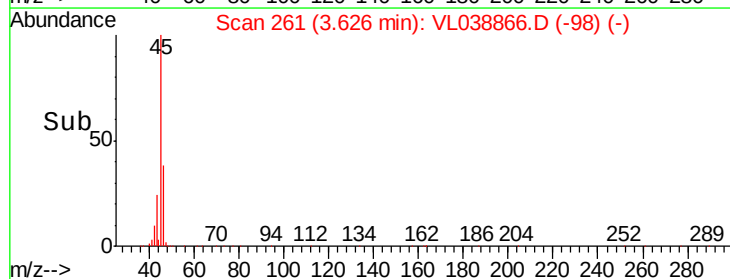
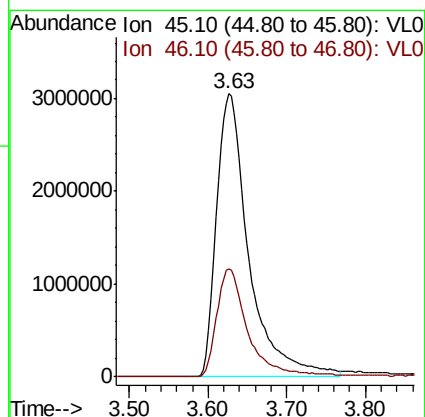
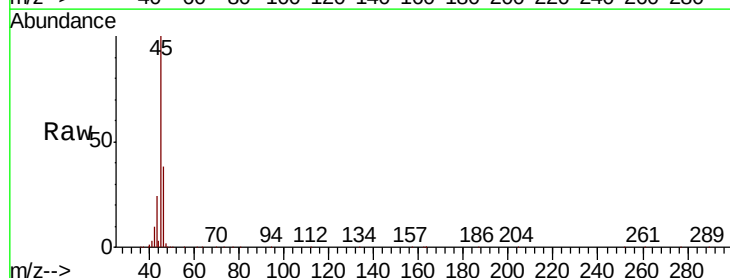
Acq: 8 Apr 2022 9:08

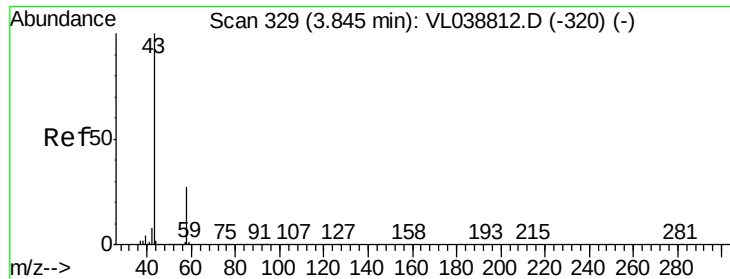
Tgt Ion: 45 Resp: 8661005

Ion Ratio Lower Upper

45 100

46 37.3 0.0 0.0#





#15

Acetone

Concen: 2.825 ppbv

RT: 3.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

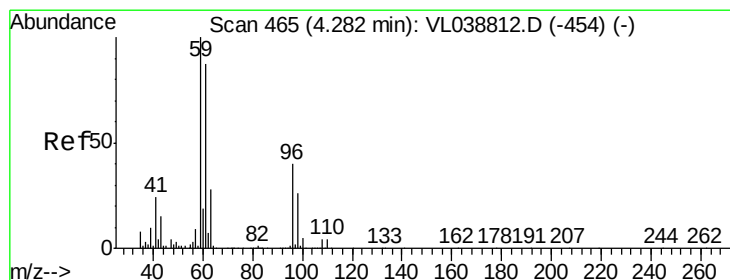
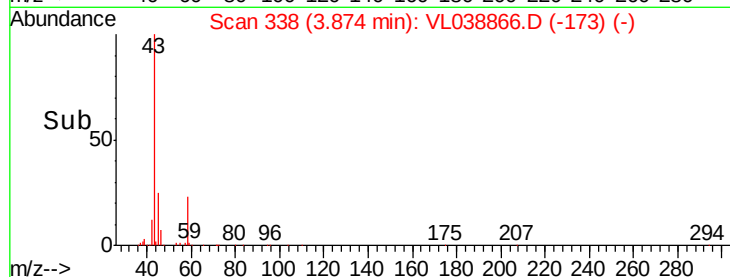
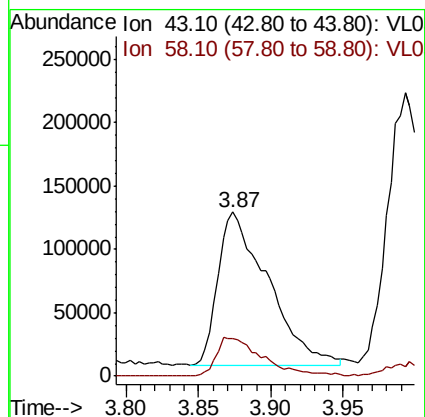
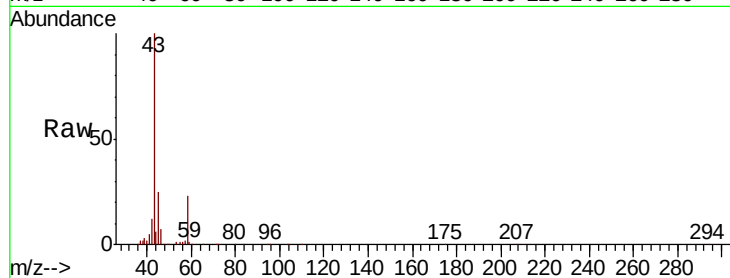
Acq: 8 Apr 2022 9:08

Tot Ion: 43 Resp: 287841

Ion Ratio Lower Upper

43 100

58 23.8 22.5 33.7



#17

tert-Butyl alcohol

Concen: 0.738 ppbv

RT: 4.00 min Scan# 376

Delta R.T. -0.29 min

Lab File: VL038866.D

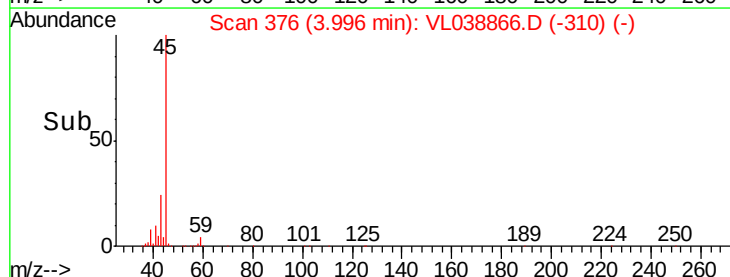
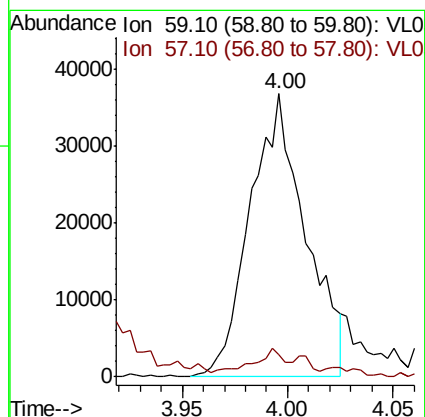
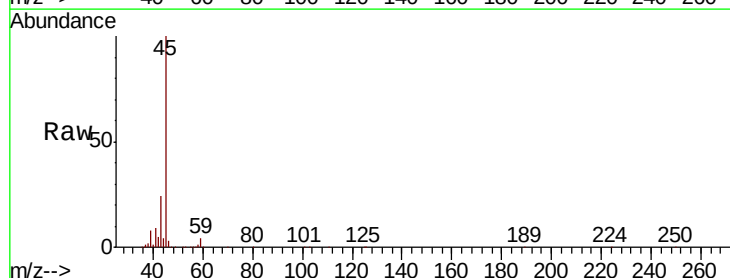
Acq: 8 Apr 2022 9:08

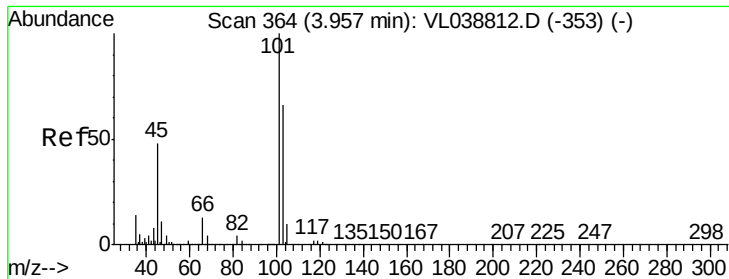
Tgt Ion: 59 Resp: 67410

Ion Ratio Lower Upper

59 100

57 10.8 8.5 12.7





#19

Isopropyl Alcohol

Concen: 39.459 ppbv

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

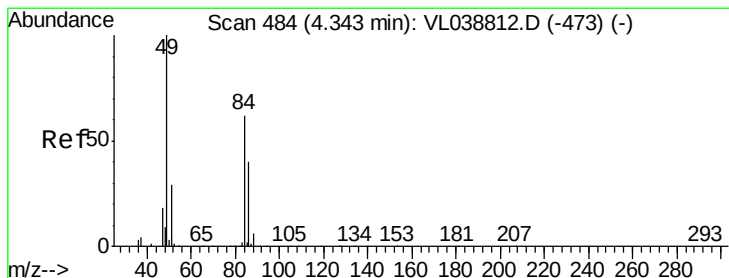
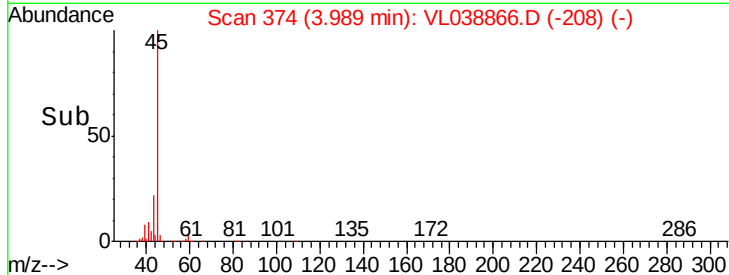
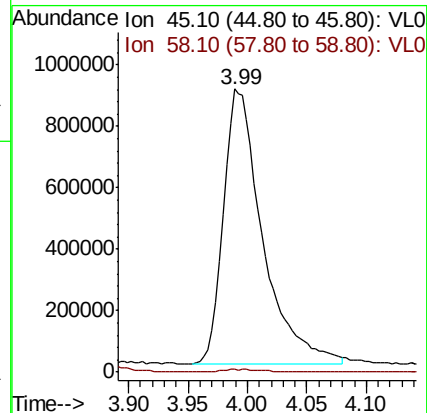
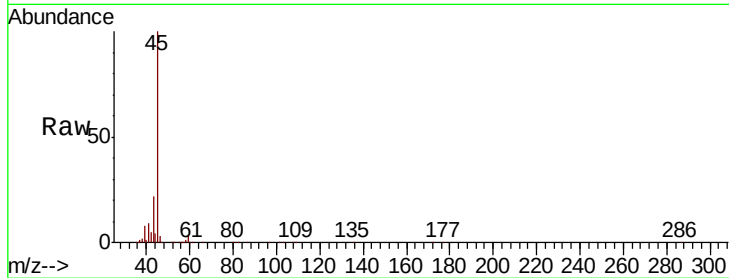
Acq: 8 Apr 2022 9:08

Tot Ion: 45 Resp: 2055203

Ion Ratio Lower Upper

45 100

58 1.2 0.0 0.0#



#20

Methylene Chloride

Concen: 0.913 ppbv

RT: 4.37 min Scan# 492

Delta R.T. 0.03 min

Lab File: VL038866.D

Acq: 8 Apr 2022 9:08

Tgt Ion: 84 Resp: 33756

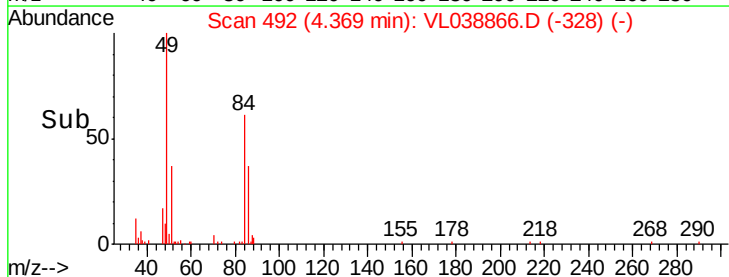
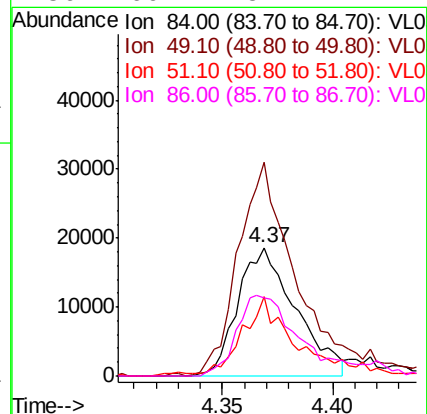
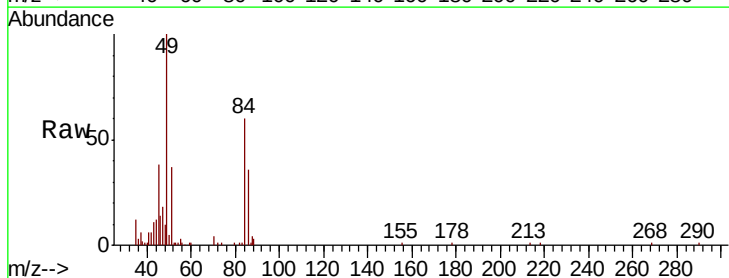
Ion Ratio Lower Upper

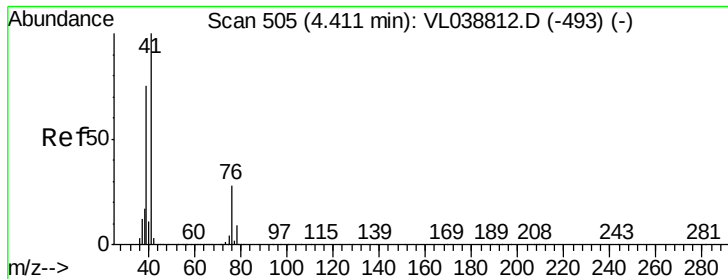
84 100

49 164.7 129.4 194.0

51 59.9 37.4 56.2#

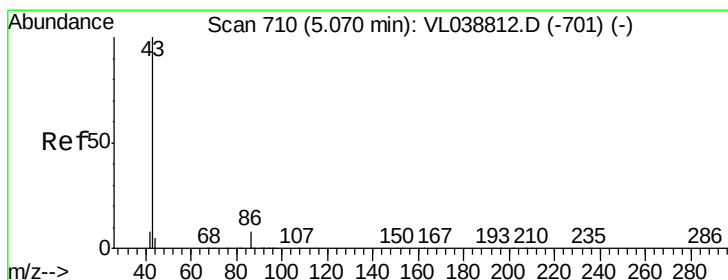
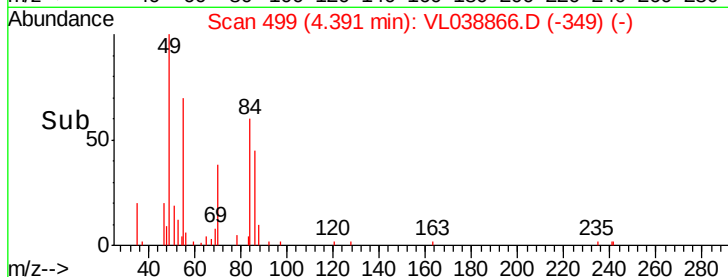
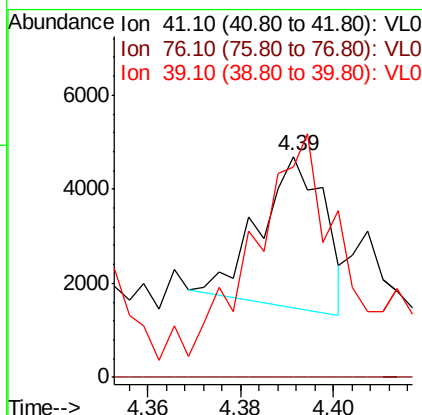
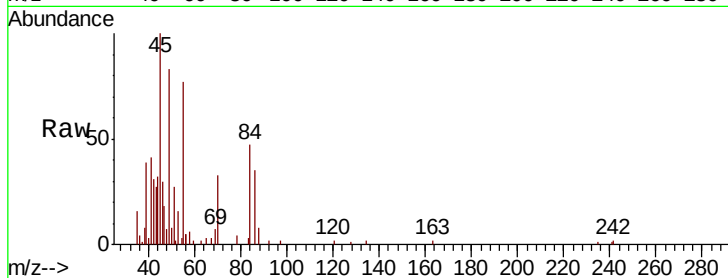
86 60.4 51.4 77.2





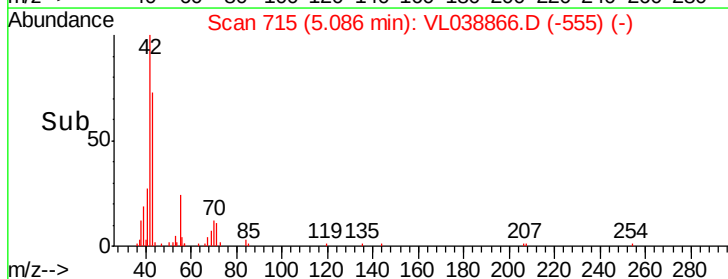
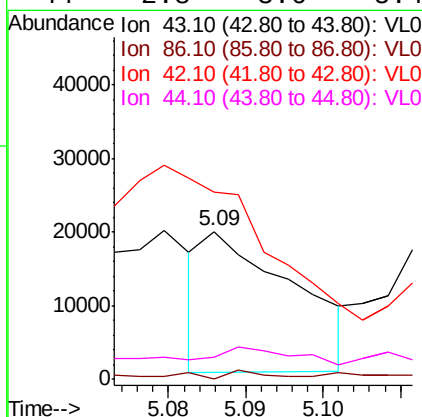
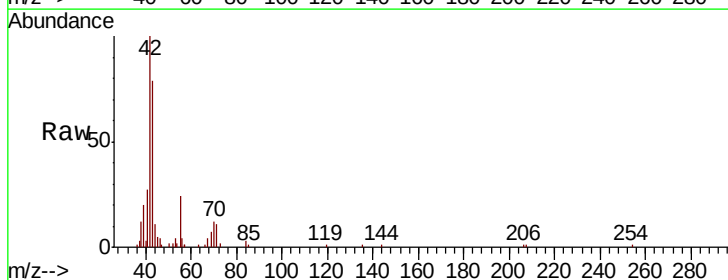
#21
 Allvl Chloride
 Concen: 0.040 ppbv
 RT: 4.39 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:08

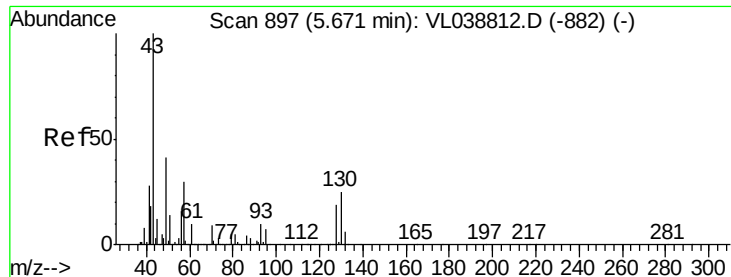
Tot Ion	Ratio	Lower	Upper
41	100		
76	0.0	23.7	35.5#
39	243.2	62.0	93.0#



#23
 Vinyl Acetate
 Concen: 0.157 ppbv
 RT: 5.09 min Scan# 715
 Delta R.T. 0.02 min
 Lab File: VL038866.D
 Acq: 8 Apr 2022 9:08

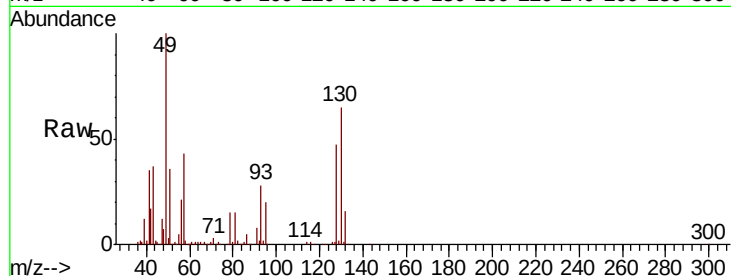
Tgt Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.8	8.6#
42	148.2	7.8	11.6#
44	2.8	3.6	5.4#





#25
Ethyl Acetate
Concen: 0.720 ppbv
RT: 5.71 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 9:08

Tot Ion:	43	Resp:	186200
Ion	Ratio	Lower	Upper
43	100		
45	5.5	8.4	12.6#
61	3.8	7.9	11.9#
70	4.0	5.6	8.4#



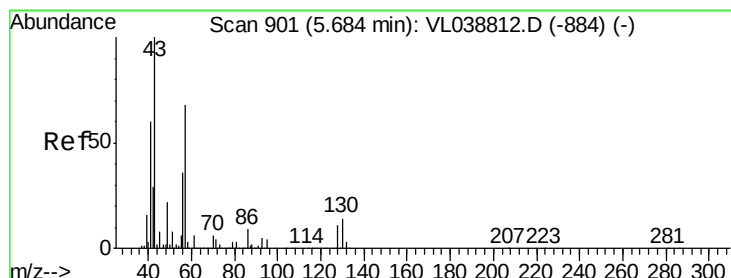
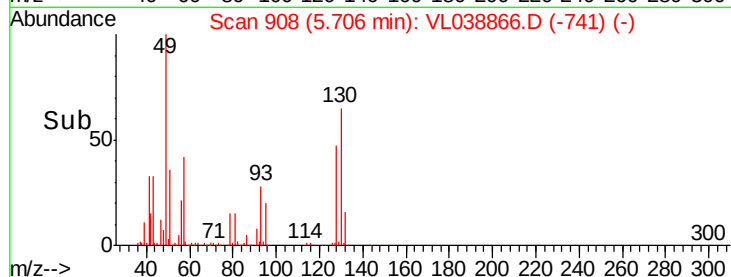
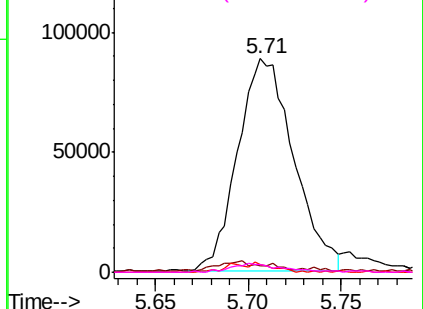
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

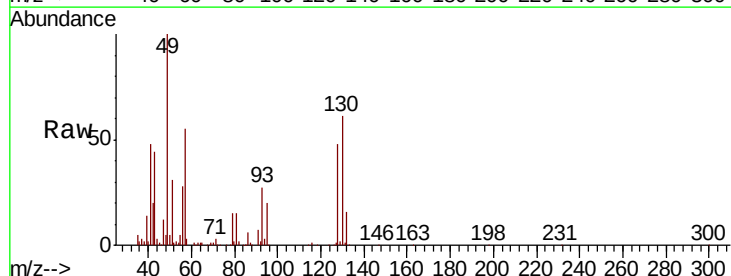
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 1.812 ppbv
RT: 5.71 min Scan# 909
Delta R.T.: 0.03 min
Lab File: VL038866.D
Acq: 8 Apr 2022 9:08

Tgt Ion:	57	Resp:	213320
Ion	Ratio	Lower	Upper
57	100		
41	91.6	72.0	108.0
43	94.4	186.6	280.0#
56	54.8	42.8	64.2



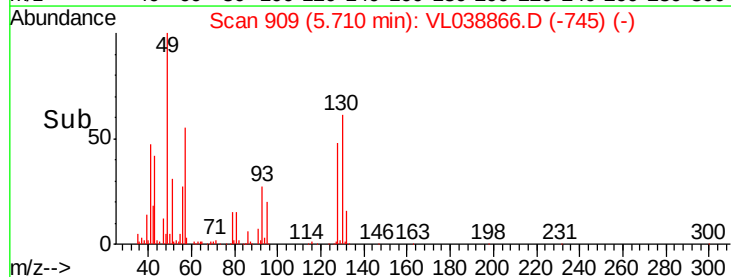
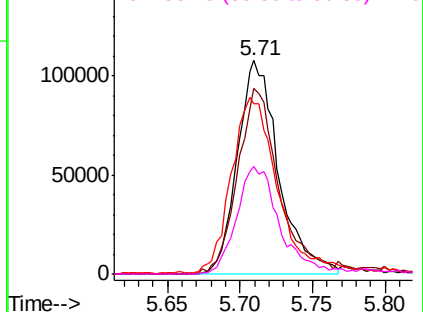
Abundance

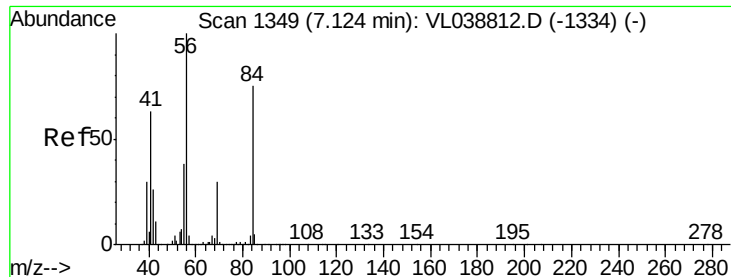
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

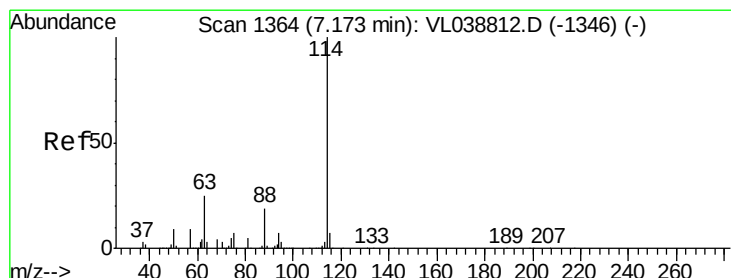
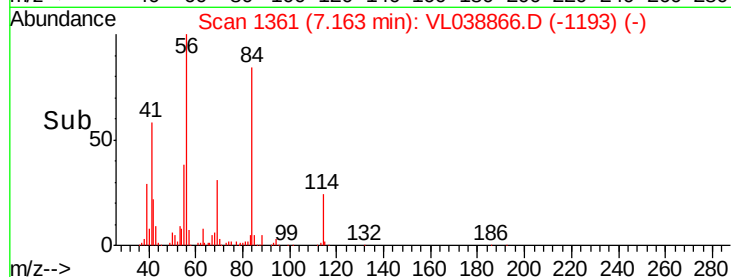
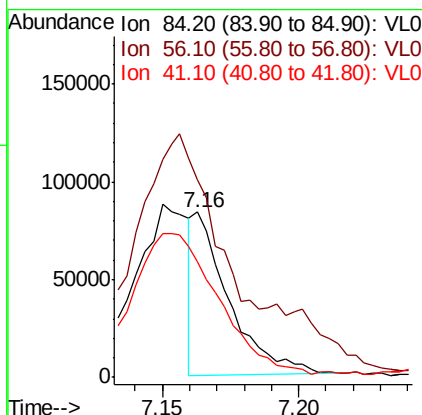
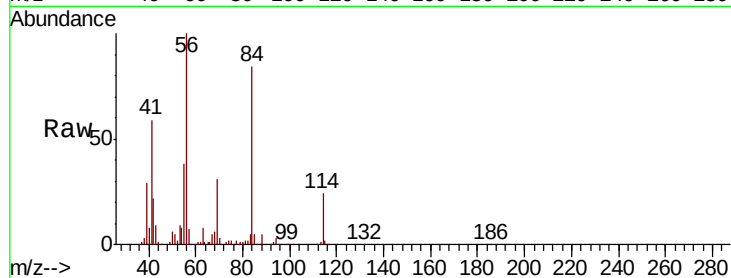
Ion 56.10 (55.80 to 56.80): VL0





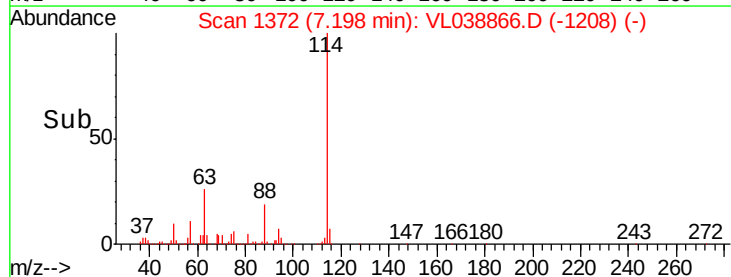
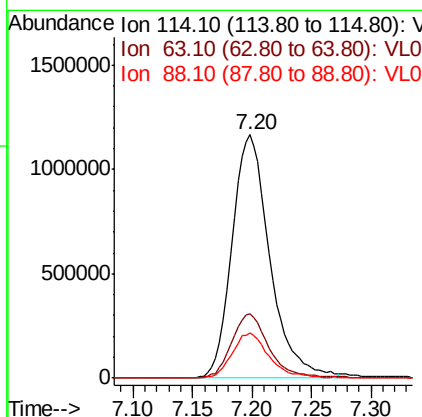
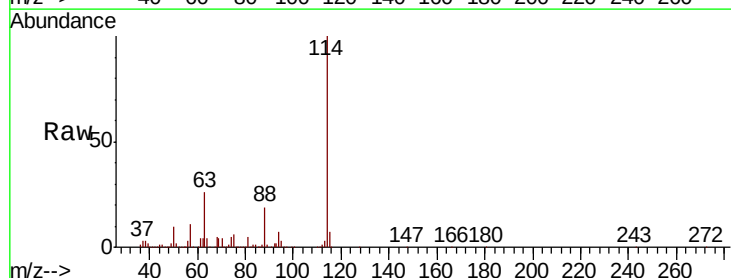
#30
Cvclohexane
Concen: 0.718 ppbv
RT: 7.16 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:08

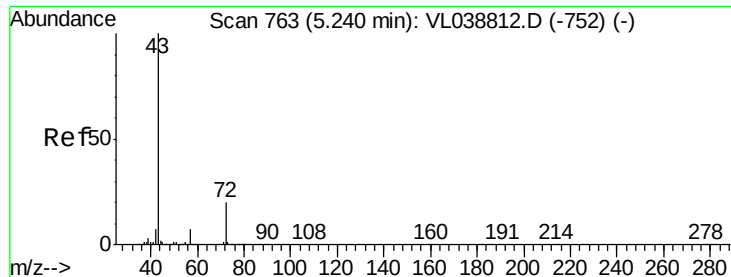
Tot Ion: 84 Resp: 74522
Ion Ratio Lower Upper
84 100
56 439.5 114.4 171.6#
41 0.0 69.0 103.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.03 min
Lab File: VL038866.D
Acq: 8 Apr 2022 9:08

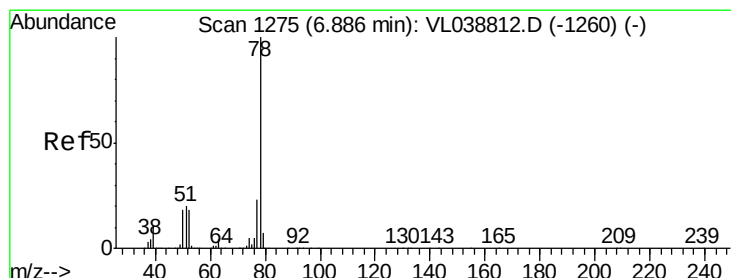
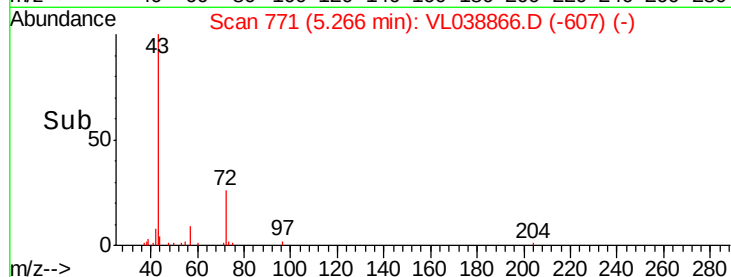
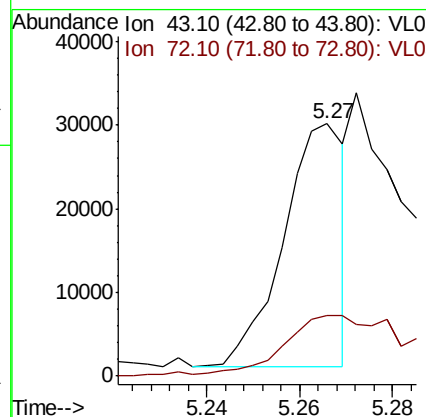
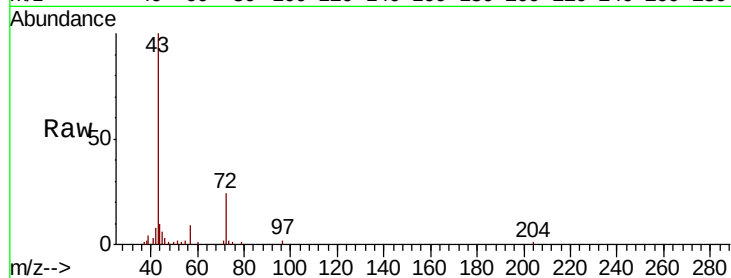
Tgt Ion: 114 Resp: 2565084
Ion Ratio Lower Upper
114 100
63 26.5 19.8 29.8
88 18.4 14.2 21.4





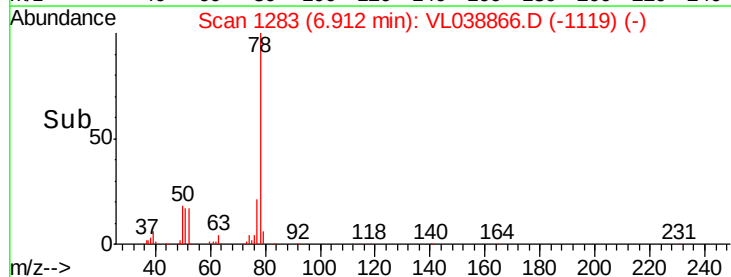
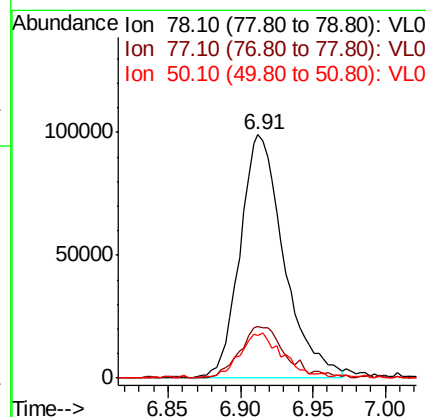
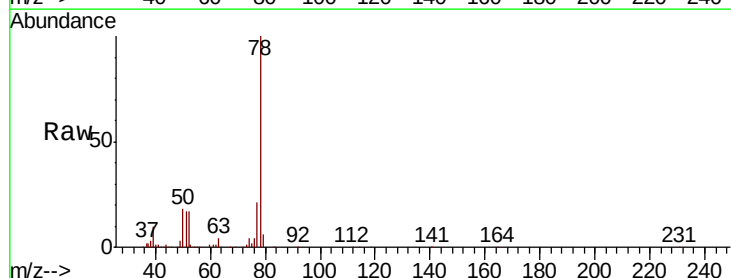
#34
2-Butanone
Concen: 0.261 ppbv
RT: 5.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:08

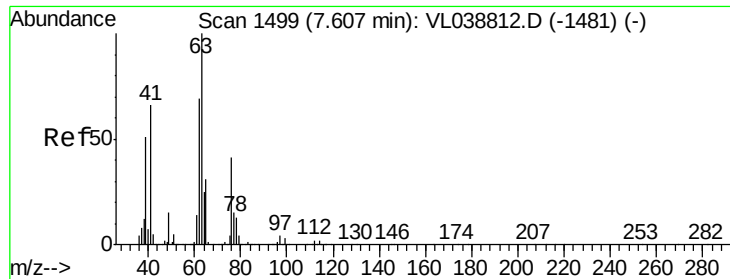
Tot Ion: 43 Resp: 26439
Ion Ratio Lower Upper
43 100
72 0.0 16.9 25.3#



#36
Benzene
Concen: 0.894 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. 0.03 min
Lab File: VL038866.D
Acq: 8 Apr 2022 9:08

Tgt Ion: 78 Resp: 208601
Ion Ratio Lower Upper
78 100
77 21.5 18.2 27.2
50 17.6 14.0 21.0





#39

1,2-Dichloropropane

Concen: 7.356 ppbv

RT: 7.20 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 9:08

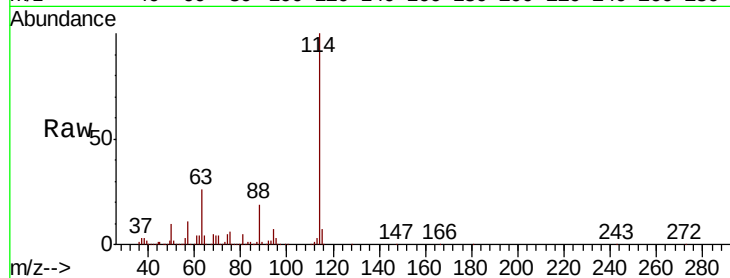
Tot Ion: 63 Resp: 656555

Ion Ratio Lower Upper

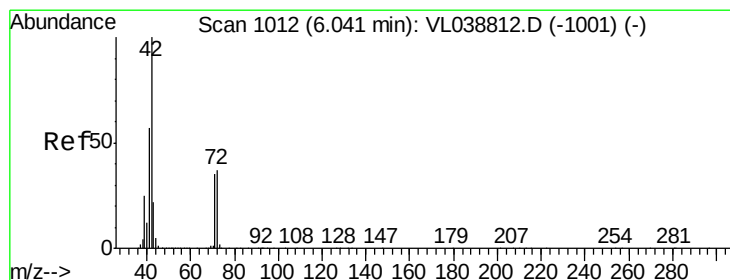
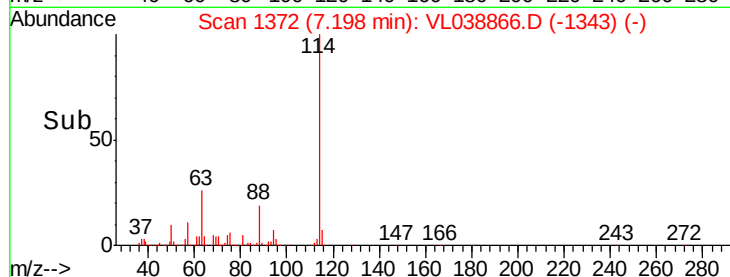
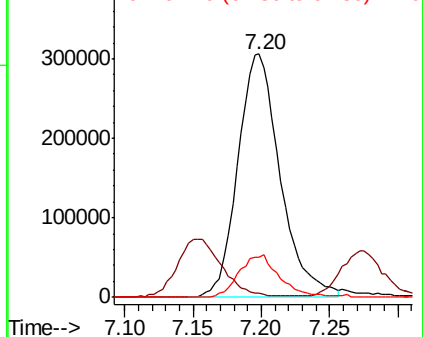
63 100

41 0.0 53.0 79.6#

62 16.5 55.0 82.4#



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: 0.791 ppbv

RT: 6.08 min Scan# 1024

Delta R.T. 0.04 min

Lab File: VL038866.D

Acq: 8 Apr 2022 9:08

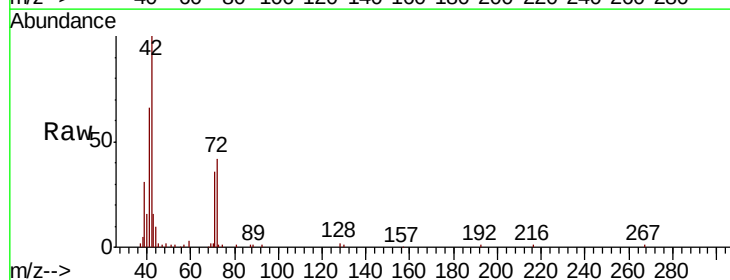
Tgt Ion: 42 Resp: 76178

Ion Ratio Lower Upper

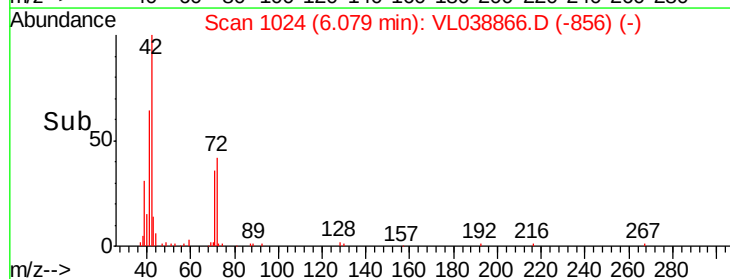
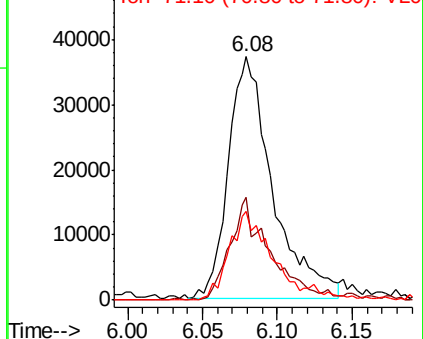
42 100

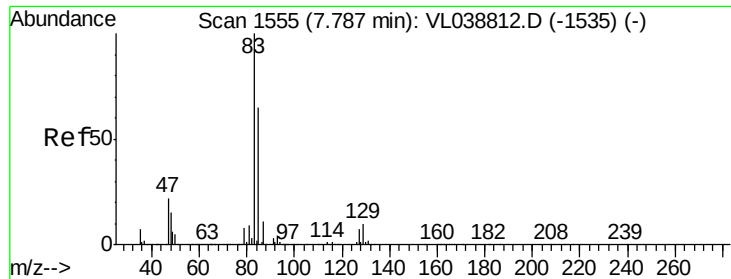
72 40.6 31.4 47.0

71 37.3 30.2 45.4



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





#42

Bromodichloromethane

Concen: 0.124 ppbv

RT: 7.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 9:08

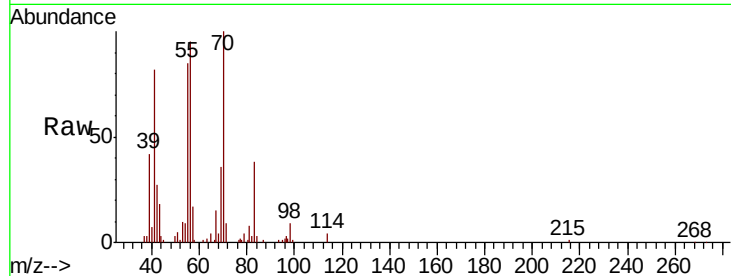
Tot Ion: 83 Resp: 20833

Ion Ratio Lower Upper

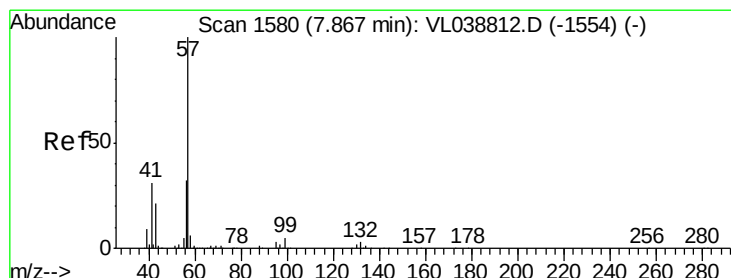
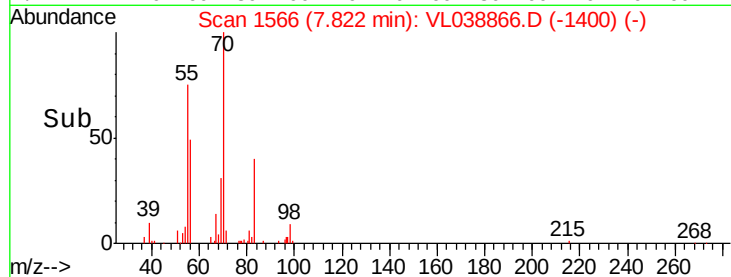
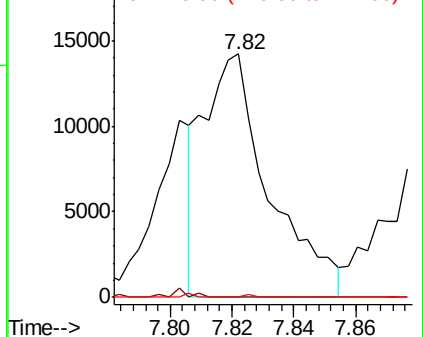
83 100

85 0.0 51.7 77.5#

127 0.0 5.9 8.9#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.629 ppbv

RT: 7.89 min Scan# 1587

Delta R.T. 0.02 min

Lab File: VL038866.D

Acq: 8 Apr 2022 9:08

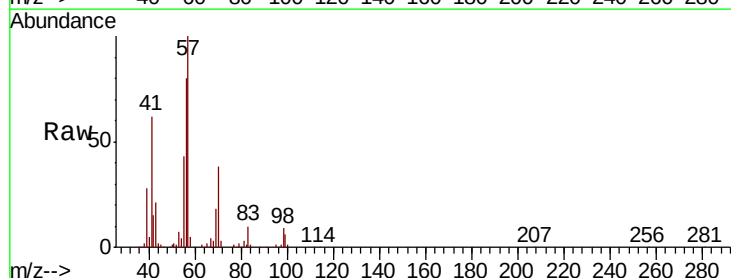
Tgt Ion: 57 Resp: 248588

Ion Ratio Lower Upper

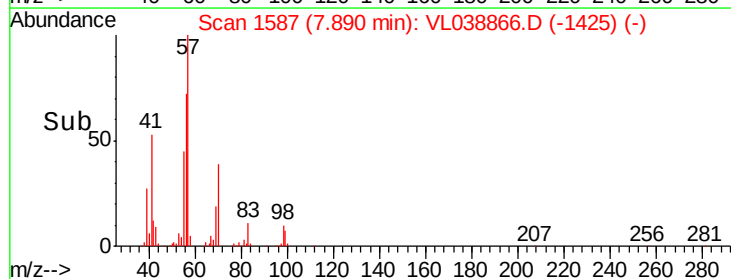
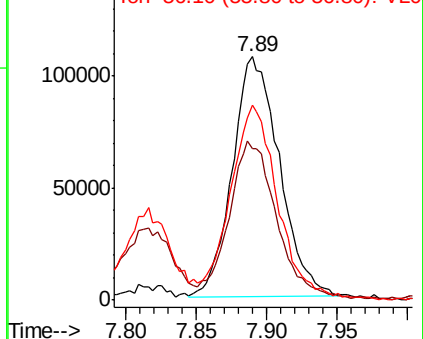
57 100

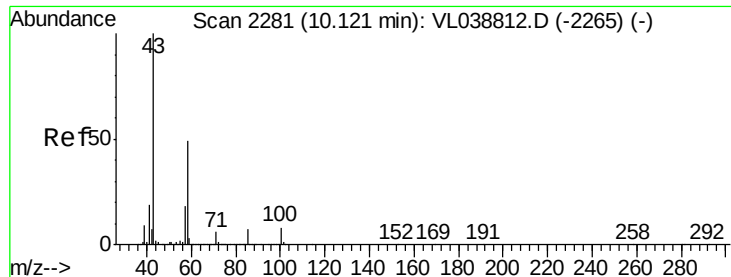
41 68.2 25.0 37.4#

56 83.3 25.3 37.9#



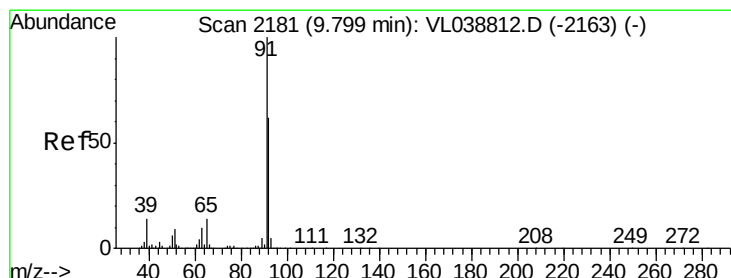
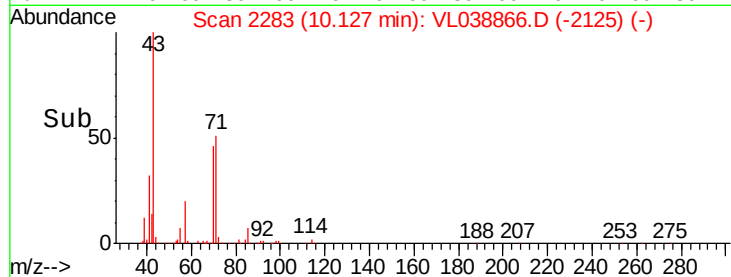
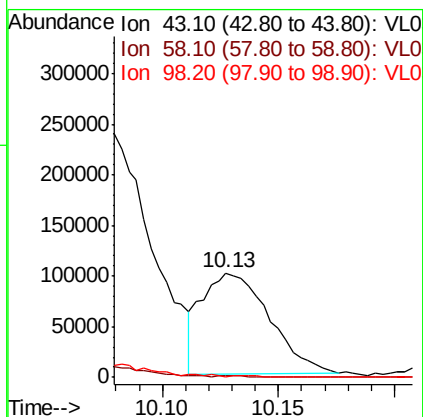
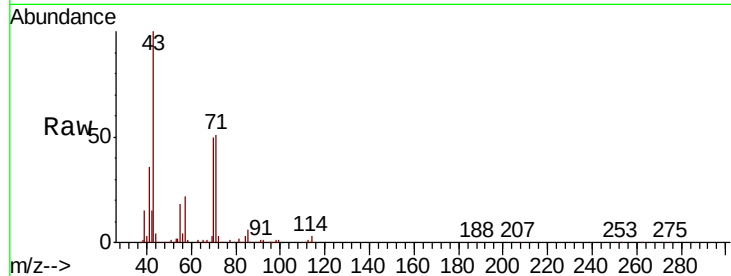
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





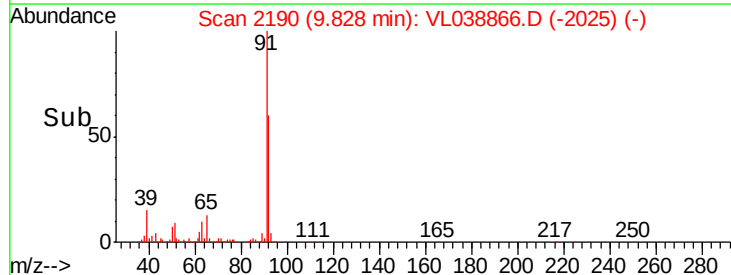
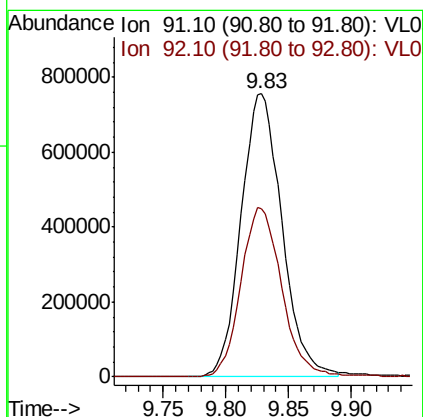
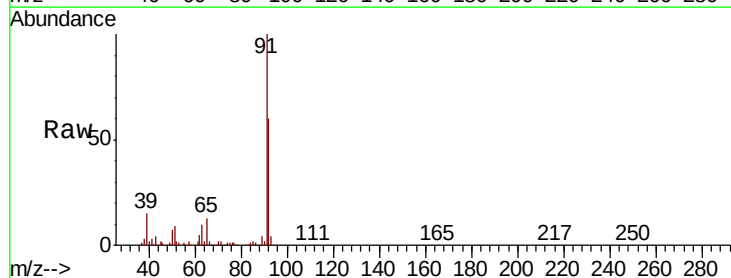
#51
2-Hexanone
Concen: 1.175 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:08

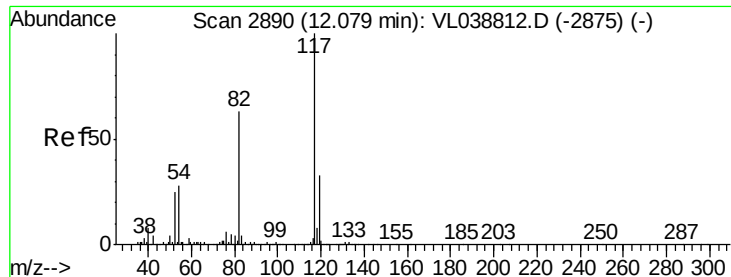
Tot Ion: 43 Resp: 201787
Ion Ratio Lower Upper
43 100
58 0.0 41.4 62.0#
98 0.0 0.1 0.1#



#53
Toluene
Concen: 6.364 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.03 min
Lab File: VL038866.D
Acq: 8 Apr 2022 9:08

Tgt Ion: 91 Resp: 1714213
Ion Ratio Lower Upper
91 100
92 60.0 49.2 73.8

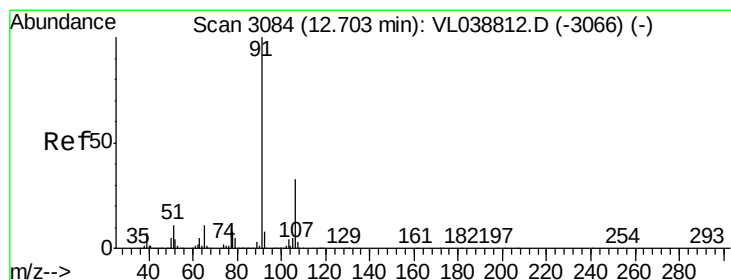
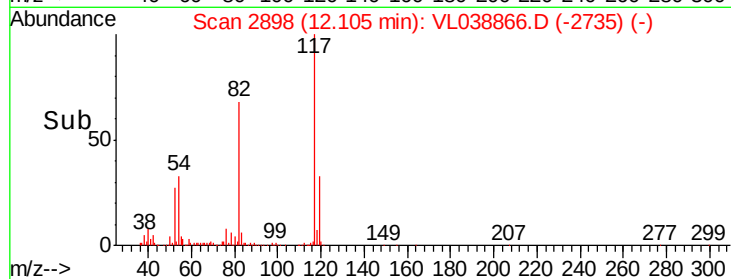
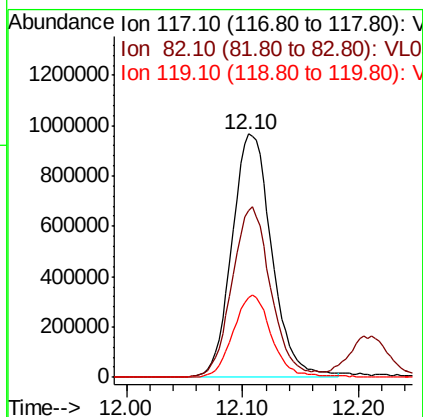
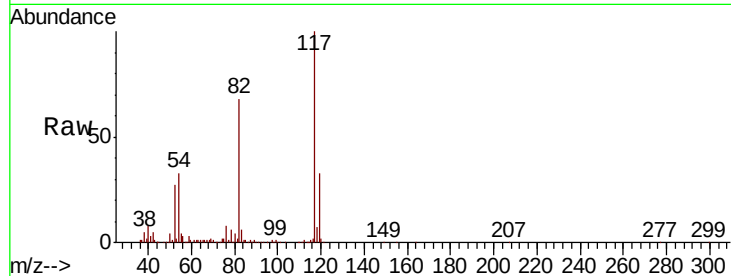




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 9:08

Tot Ion: 117 Resp: 2297314

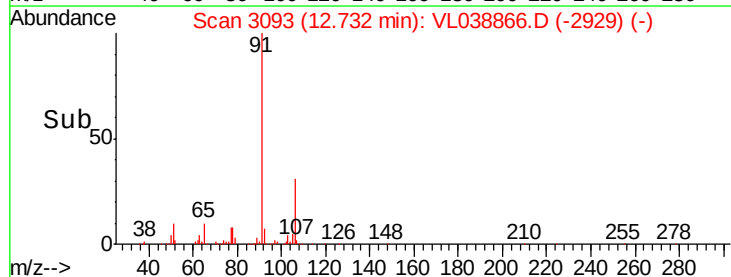
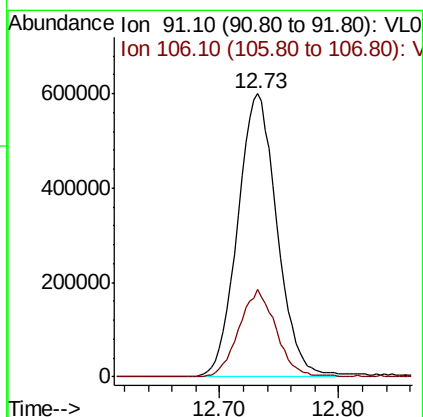
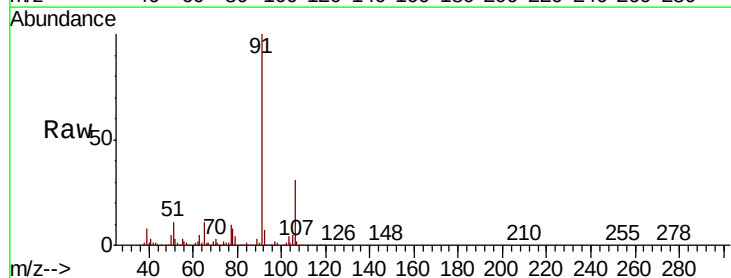
Ion	Ratio	Lower	Upper
117	100		
82	69.3	53.0	79.6
119	33.3	24.9	37.3

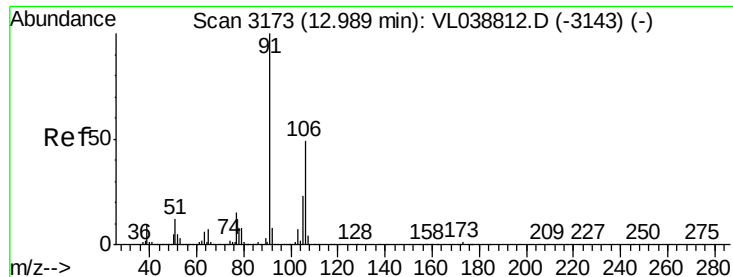


#58
Ethyl Benzene
Concen: 3.996 ppbv
RT: 12.73 min Scan# 3093
Delta R.T.: 0.03 min
Lab File: VL038866.D
Acq: 8 Apr 2022 9:08

Tgt Ion: 91 Resp: 1371650

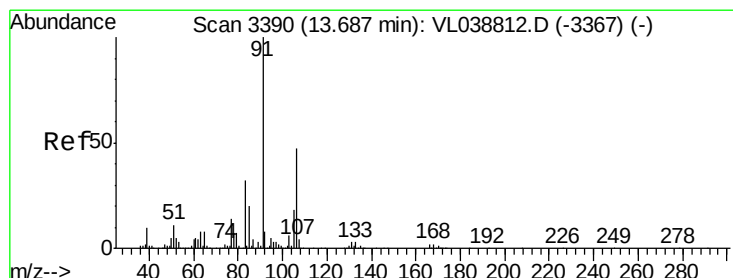
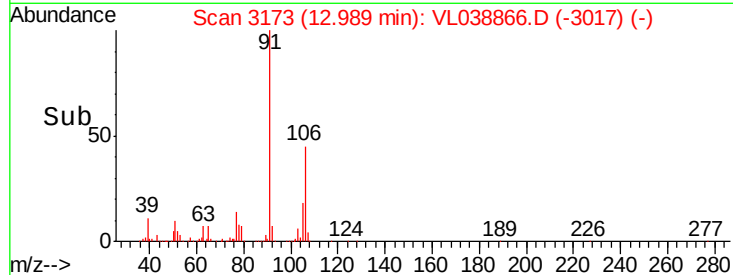
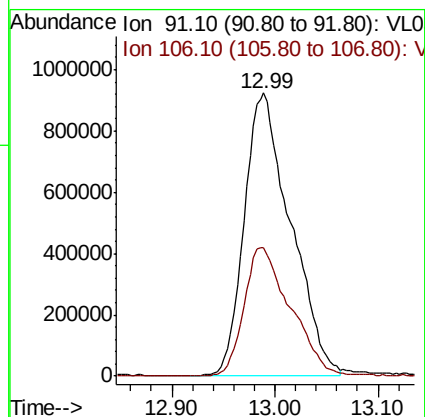
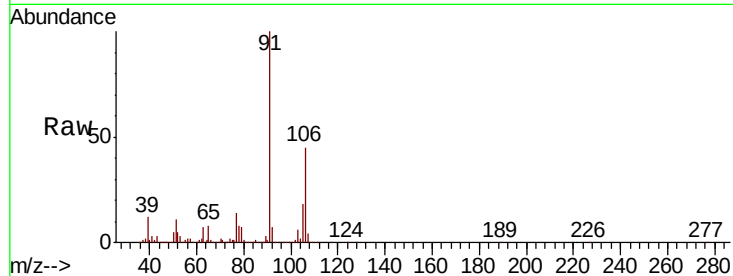
Ion	Ratio	Lower	Upper
91	100		
106	31.0	26.7	40.1





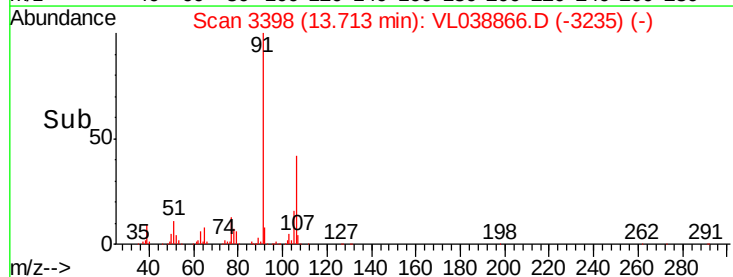
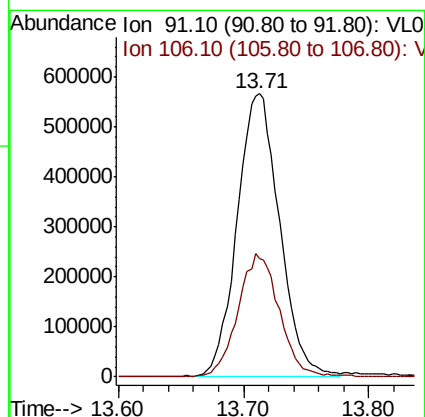
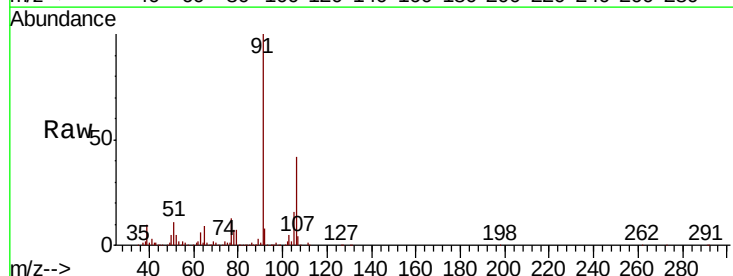
#59
m/p-Xylene
Concen: 9.963 ppbv
RT: 12.99 min
Delta R.T. 0.03 min
Lab File: VL038812.D
Acq: 8 Apr 2022 9:08

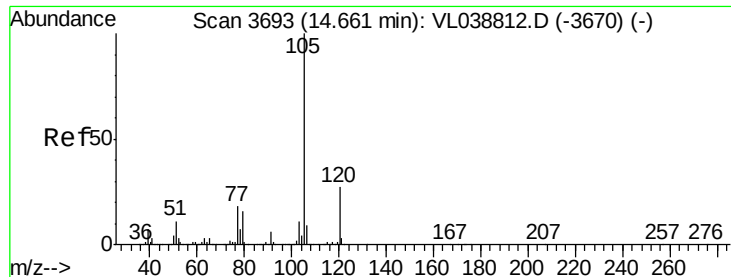
Tot Ion: 91 Resp: 2873426
Ion Ratio Lower Upper
91 100
106 46.2 37.1 55.7



#60
o-Xylene
Concen: 4.895 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.03 min
Lab File: VL038866.D
Acq: 8 Apr 2022 9:08

Tgt Ion: 91 Resp: 1321103
Ion Ratio Lower Upper
91 100
106 43.0 23.8 71.4





#62

Isopropylbenzene

Concen: 0.514 ppbv

RT: 14.69 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

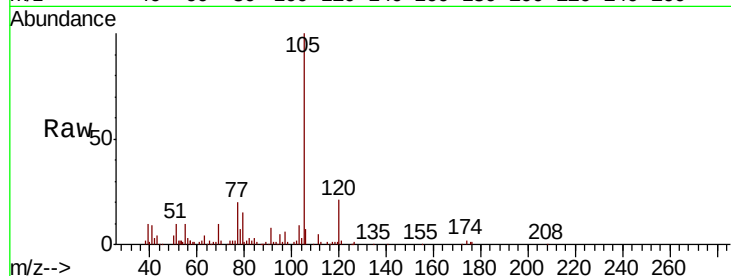
Acq: 8 Apr 2022 9:08

Tot Ion:105 Resp: 208123

Ion Ratio Lower Upper

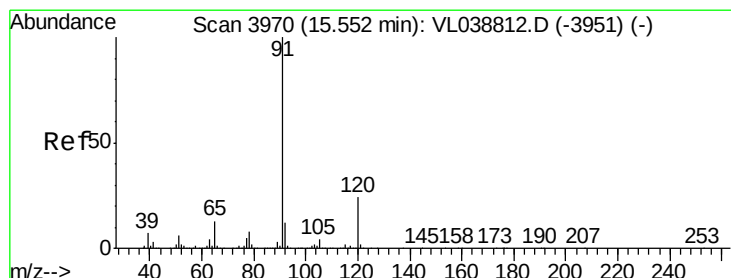
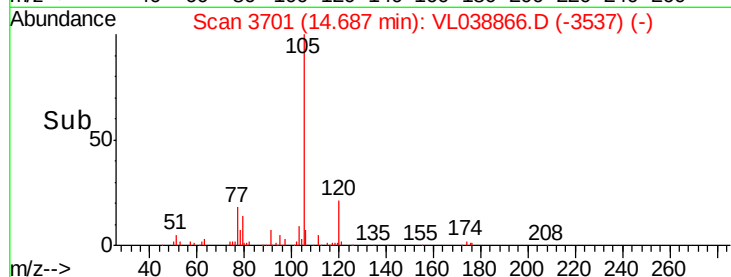
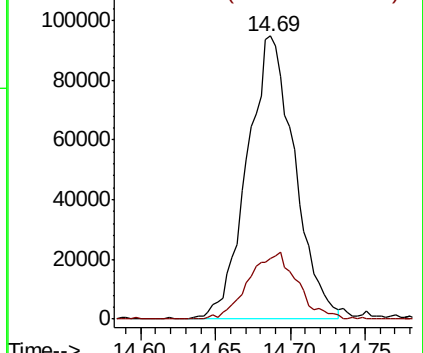
105 100

120 24.5 21.8 32.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.725 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.03 min

Lab File: VL038866.D

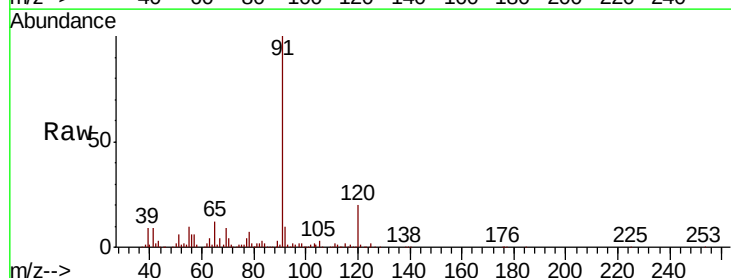
Acq: 8 Apr 2022 9:08

Tgt Ion:120 Resp: 76283

Ion Ratio Lower Upper

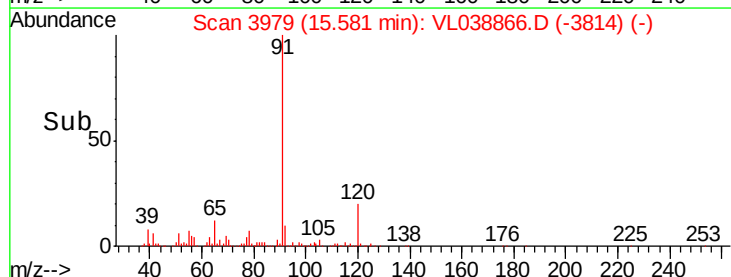
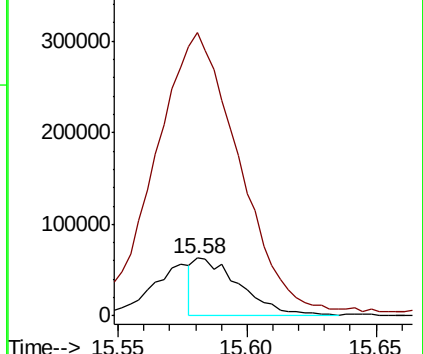
120 100

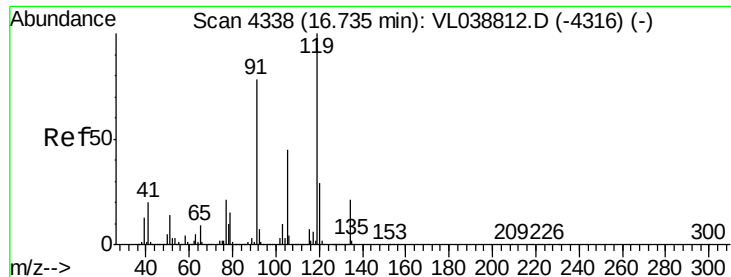
91 941.8 360.6 540.8#



Abundance Ion 120.20 (119.90 to 120.90): V

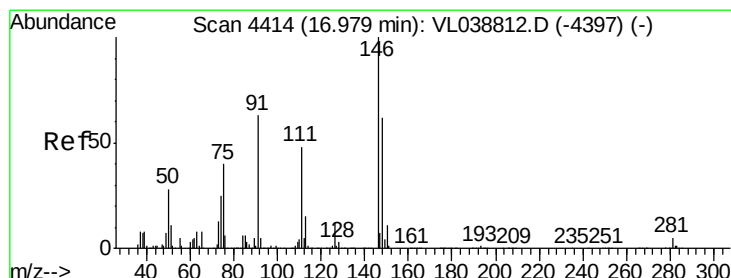
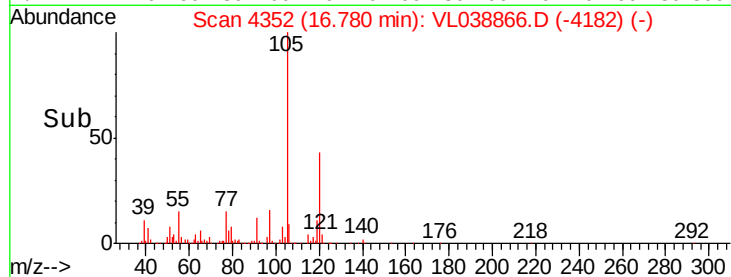
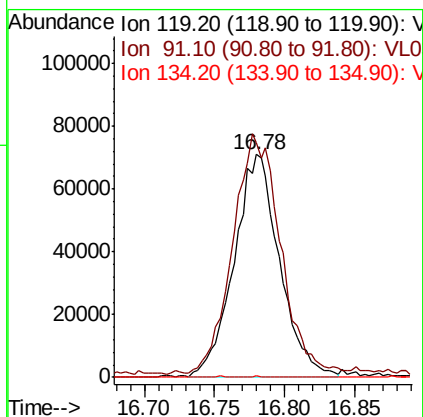
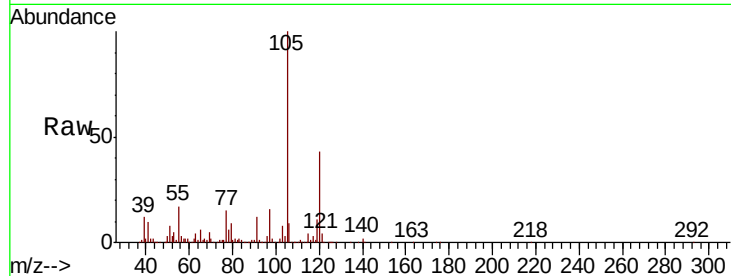
Ion 91.10 (90.80 to 91.80): VL0





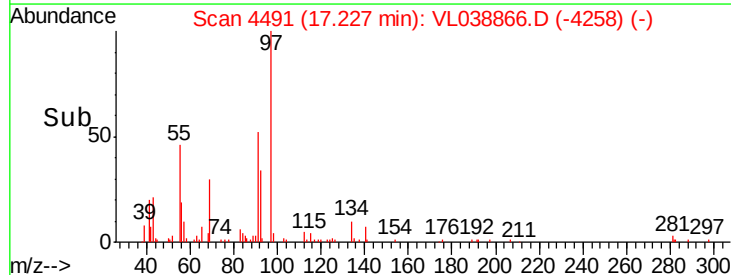
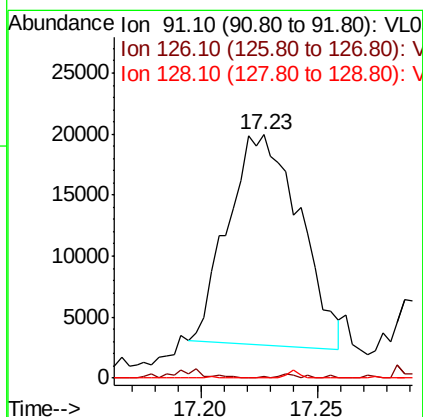
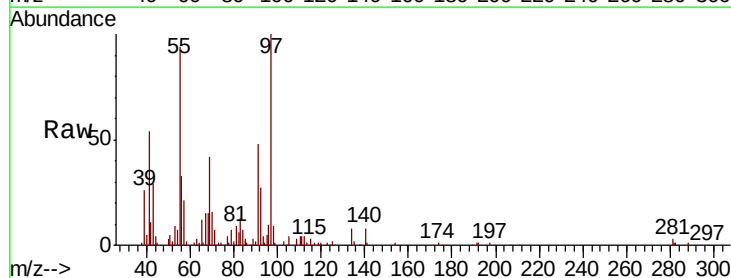
#65
 tert-Butylbenzene
 Concen: 0.448 ppbv
 RT: 16.78 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 9:08

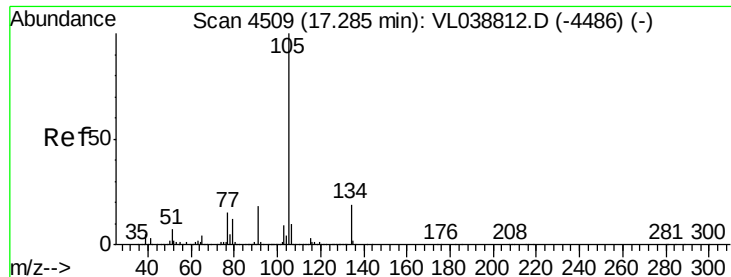
Tot Ion: 119 Resp: 161049
 Ion Ratio Lower Upper
 119 100
 91 117.8 62.8 94.2#
 134 0.3 16.2 24.4#



#66
 Benzyl Chloride
 Concen: 0.506 ppbv
 RT: 17.23 min Scan# 4491
 Delta R.T.: 0.25 min
 Lab File: VL038866.D
 Acq: 8 Apr 2022 9:08

Tgt Ion: 91 Resp: 37020
 Ion Ratio Lower Upper
 91 100
 126 0.7 15.4 23.0#
 128 0.6 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.306 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File:

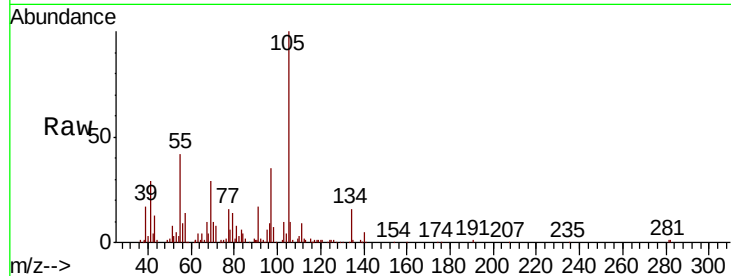
Acq: 8 Apr 2022 9:08

Tot Ion: 105 Resp: 154266

Ion Ratio Lower Upper

105 100

134 18.0 15.1 22.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.31

60000

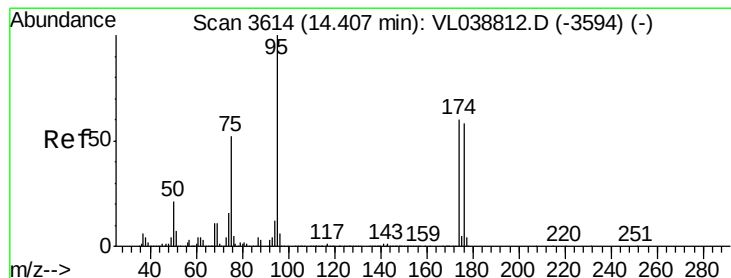
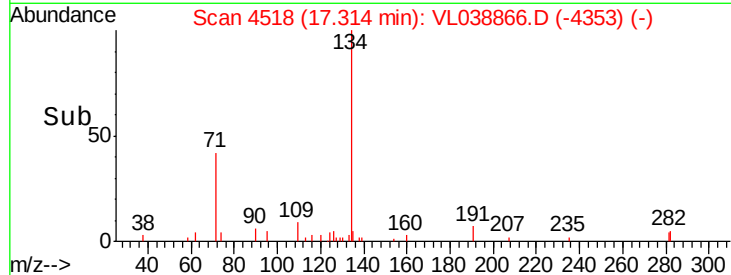
40000

20000

0

17.25 17.30 17.35 17.40

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.837 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.03 min

Lab File: VL038866.D

Acq: 8 Apr 2022 9:08

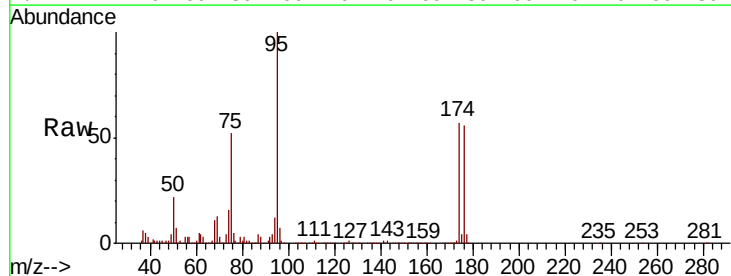
Tgt Ion: 95 Resp: 1888363

Ion Ratio Lower Upper

95 100

174 59.3 52.0 78.0

175 4.3 4.0 6.0



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

1000000

800000

600000

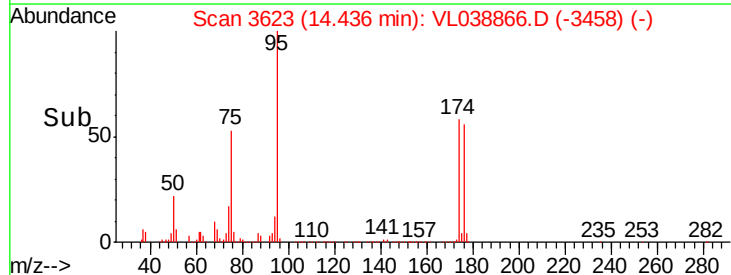
400000

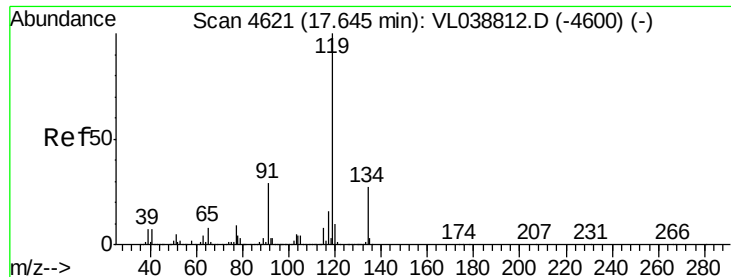
200000

0

14.40 14.45

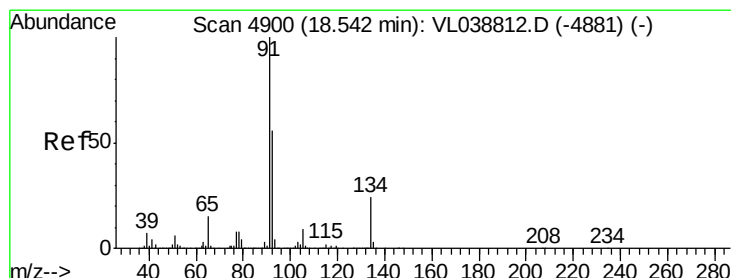
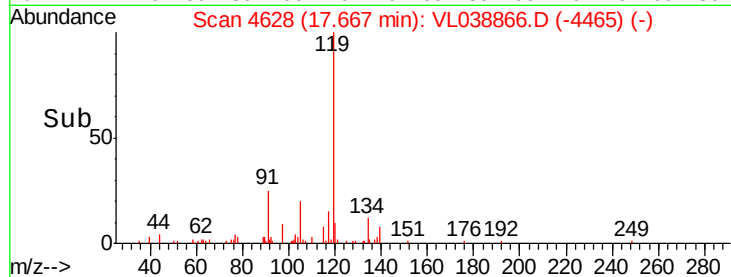
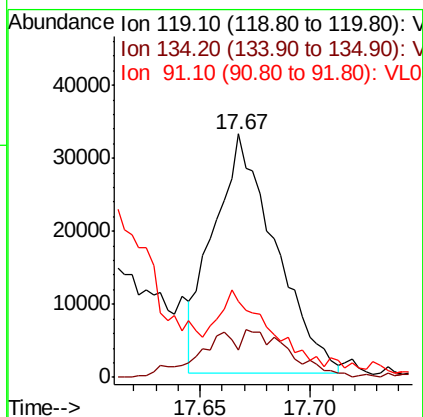
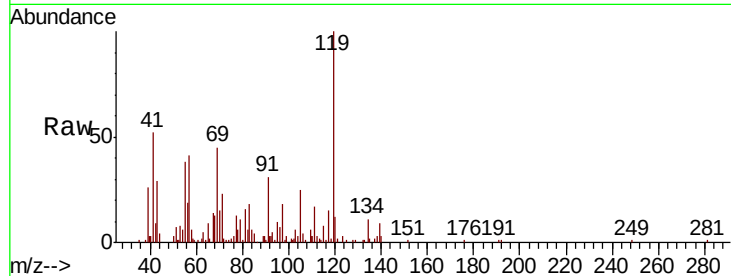
Time-->





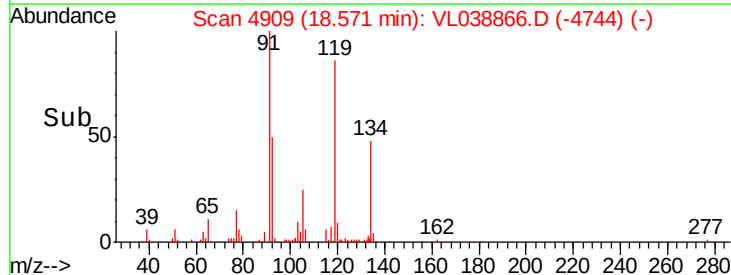
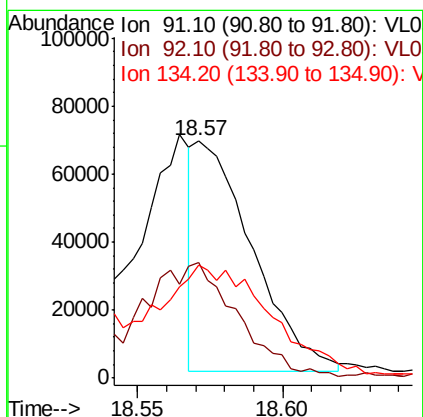
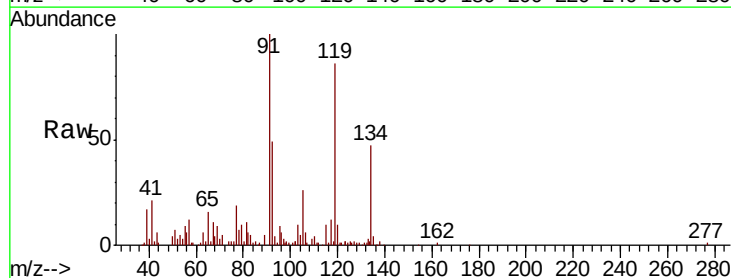
#69
 p-Isopropyltoluene
 Concen: 0.154 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 9:08

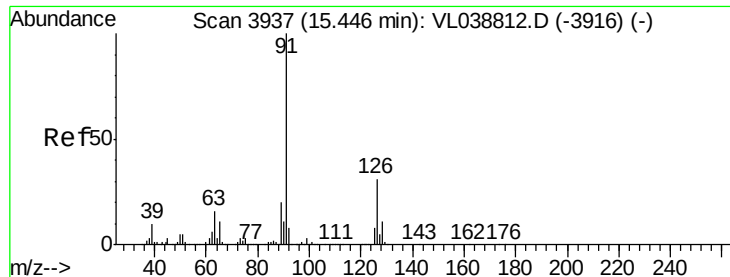
Tot Ion:	119	Resp:	63931
Ion Ratio	Lower	Upper	
119	100		
134	27.3	20.8	31.2
91	33.6	22.6	34.0



#70
 n-Butylbenzene
 Concen: 0.223 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T.: 0.03 min
 Lab File: VL038866.D
 Acq: 8 Apr 2022 9:08

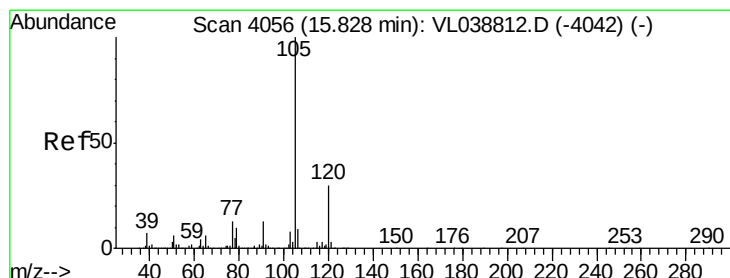
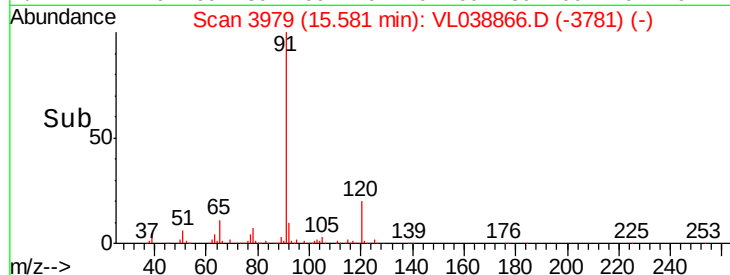
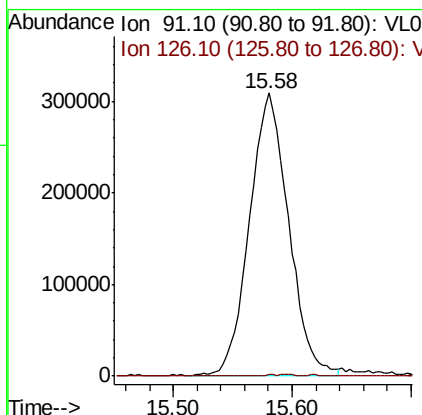
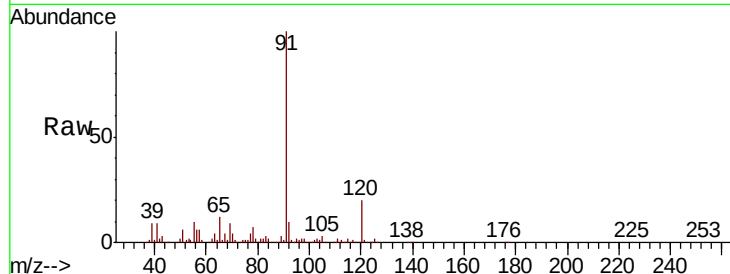
Tgt Ion:	91	Resp:	93002
Ion Ratio	Lower	Upper	
91	100		
92	93.4	44.6	66.8#
134	137.4	19.2	28.8#





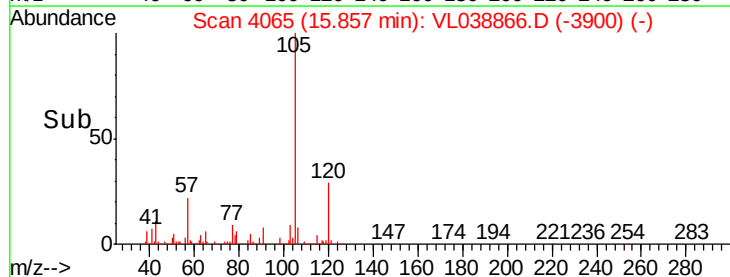
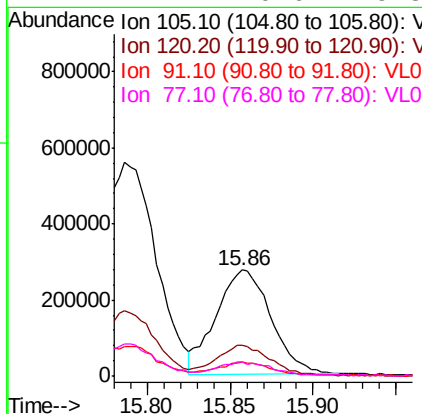
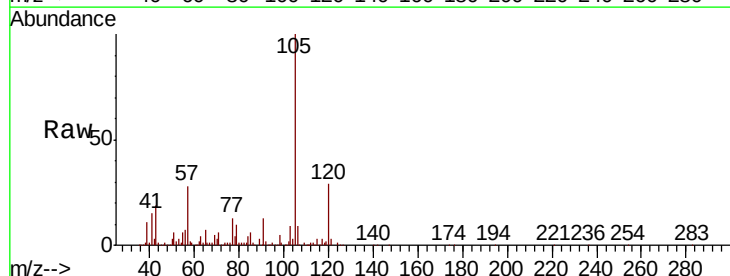
#71
 2-Chlorotoluene
 Concen: 2.305 ppbv
 RT: 15.58 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:08

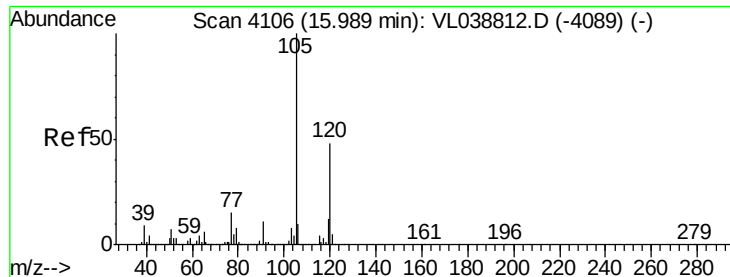
Tot Ion: 91 Resp: 702200
 Ion Ratio Lower Upper
 91 100
 126 0.7 13.0 51.8#



#72
 4-Ethyltoluene
 Concen: 1.963 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.03 min
 Lab File: VL038866.D
 Acq: 8 Apr 2022 9:08

Tgt Ion: 105 Resp: 632512
 Ion Ratio Lower Upper
 105 100
 120 29.4 24.3 36.5
 91 12.6 9.4 14.2
 77 14.7 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 1.732 ppbv

RT: 16.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

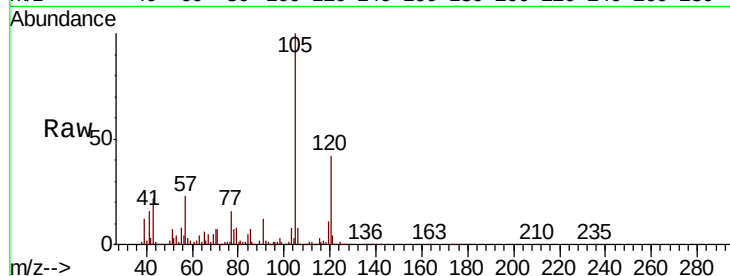
Acq: 8 Apr 2022 9:08

Tot Ion:105 Resp: 501422

Ion Ratio Lower Upper

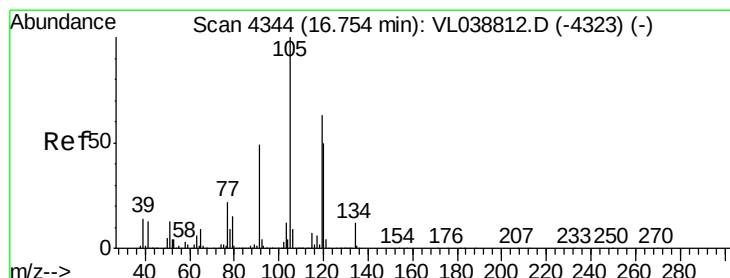
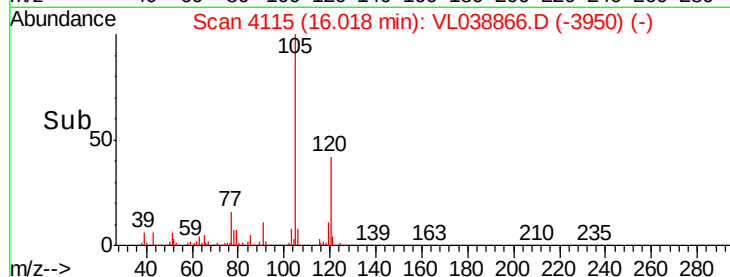
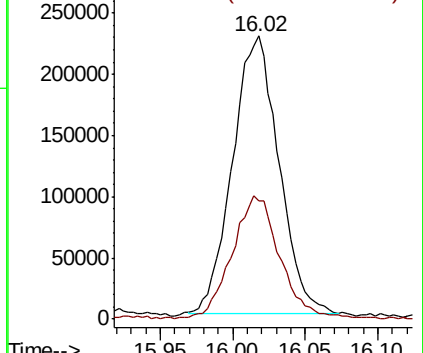
105 100

120 42.2 38.7 58.1



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: 4.950 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.03 min

Lab File: VL038866.D

Acq: 8 Apr 2022 9:08

Tgt Ion:105 Resp: 1514886

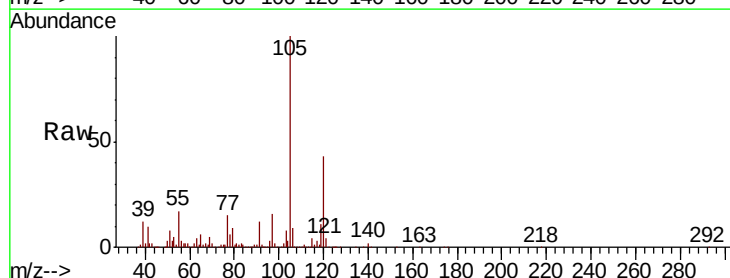
Ion Ratio Lower Upper

105 100

120 43.1 39.8 59.8

91 11.8 39.4 59.0#

77 14.8 17.3 25.9#



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

