

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038926.D
 Acq On : 14 Apr 2022 20:43
 Operator : SY/AP
 Sample : N2259-01
 Misc : 400mL/MSVOA L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1165-19-SG-1

Quant Time: Apr 15 08:07:52 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	5.67	49	1003027	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2233308	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2014796	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1772925	11.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	112943	0.794	ppbv	99
3) Chlorodifluoromethane	2.97	51	1012700	8.273	ppbv #	63
4) Chloromethane	3.15	50	33623	0.530	ppbv	90
8) Dichlorotetrafluoroethane	3.05	85	112943	0.850	ppbv #	14
9) Propene	3.21	41	90346	1.395	ppbv	87
10) Heptane	8.13	43	1073793	6.582	ppbv	96
11) Trichlorofluoromethane	3.95	101	352751	3.086	ppbv	95
13) Ethanol	3.60	45	549113	139.515	ppbv #	100
15) Acetone	3.85	43	16895142	169.188	ppbv #	88
16) 1,3-Butadiene	3.36	39	104089	1.823	ppbv #	20
17) tert-Butyl alcohol	4.13	59	12139	0.136	ppbv #	1
19) Isopropyl Alcohol	3.97	45	306802	6.011	ppbv #	100
20) Methylene Chloride	4.35	84	420008	11.597	ppbv	95
21) Allyl Chloride	4.38	41	2875	0.038	ppbv #	22
23) Vinyl Acetate	5.08	43	4507	0.046	ppbv #	73
25) Ethyl Acetate	5.69	43	324041	1.279	ppbv #	89
26) Hexane	5.69	57	297408	2.579	ppbv #	54
30) Cyclohexane	7.14	84	20939	0.206	ppbv #	30
34) 2-Butanone	5.25	43	125535	1.423	ppbv	94
36) Benzene	6.90	78	112681	0.555	ppbv #	90
39) 1,2-Dichloropropane	7.18	63	641432	8.254	ppbv #	27
42) Bromodichloromethane	7.79	83	10403	0.071	ppbv #	34
44) 2,2,4-Trimethylpentane	7.87	57	105243	0.306	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	185033	0.932	ppbv	99
51) 2-Hexanone	10.12	43	12429	0.083	ppbv #	57
53) Toluene	9.81	91	8225386	35.071	ppbv	98
58) Ethyl Benzene	12.71	91	159807	0.531	ppbv	93
59) m/p-Xylene	12.96	91	866498	3.426	ppbv	96
60) o-Xylene	13.69	91	214542	0.906	ppbv	74
61) Styrene	13.53	104	10769	0.075	ppbv #	35
62) Isopropylbenzene	14.67	105	24811	0.070	ppbv #	64
64) n-propylbenzene	15.57	120	12908	0.140	ppbv #	1
65) tert-Butylbenzene	16.76	119	38082	0.121	ppbv #	1
67) sec-Butylbenzene	17.30	105	48074	0.109	ppbv	99
70) n-Butylbenzene	18.56	91	46193	0.126	ppbv #	1
72) 4-Ethyltoluene	15.84	105	103854	0.367	ppbv #	61
73) 1,3,5-Trimethylbenzene	16.00	105	74791	0.295	ppbv	87
74) 1,2,4-Trimethylbenzene	16.76	105	613164	2.285	ppbv #	67
79) Naphthalene	22.20	128	6152	0.031	ppbv #	69
80) Naphthalene,2-methyl-	24.98	142	4871	0.098	ppbv #	9

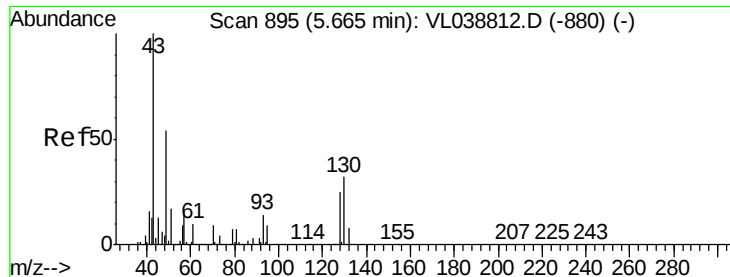
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038926.D
Acq On : 14 Apr 2022 20:43
Operator : SY/AP
Sample : N2259-01
Misc : 400mL/MSVOA L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1165-19-SG-1

Quant Time: Apr 15 08:07:52 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Apr 2022 20:43 1165-19-SG-1

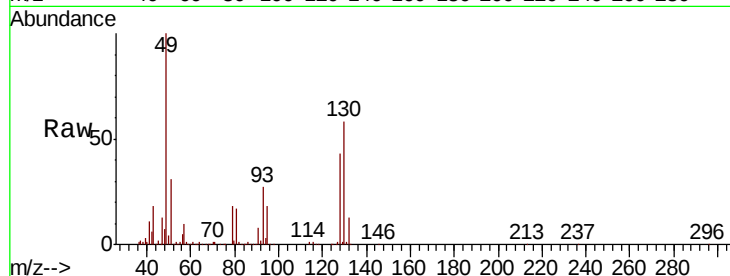
Tot Ion: 49 Resp: 1003027

Ion Ratio Lower Upper

49 100

128 44.9 24.1 72.3

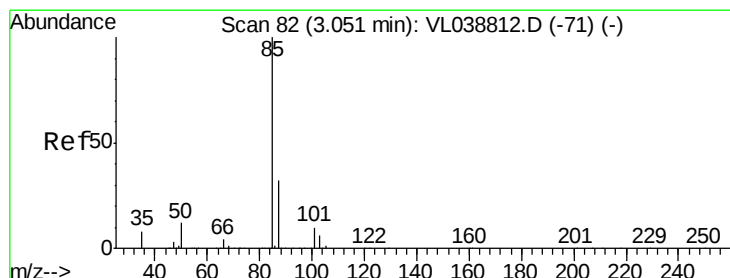
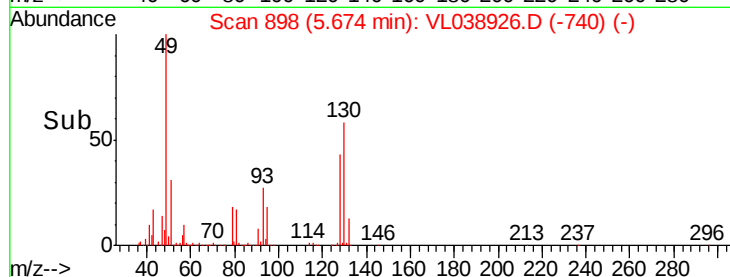
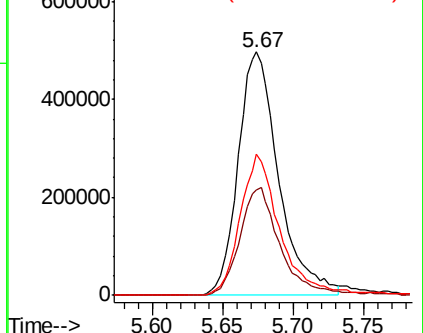
130 58.4 30.9 92.8



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



#2

Dichlorodifluoromethane

Concen: 0.794 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038926.D

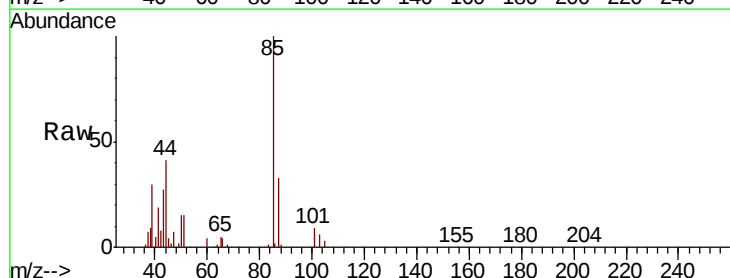
Acq: 14 Apr 2022 20:43

Tgt Ion: 85 Resp: 112943

Ion Ratio Lower Upper

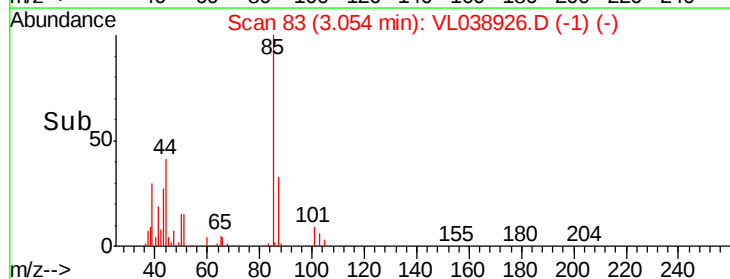
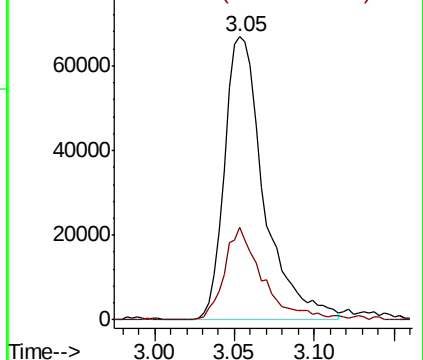
85 100

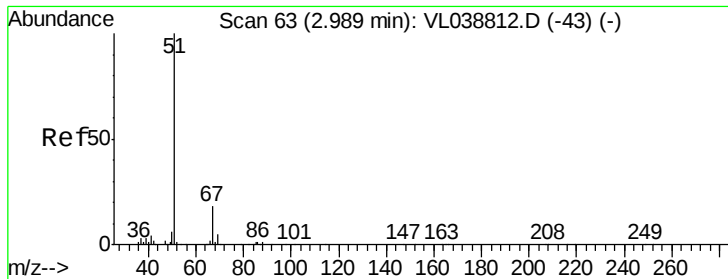
87 32.9 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.273 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

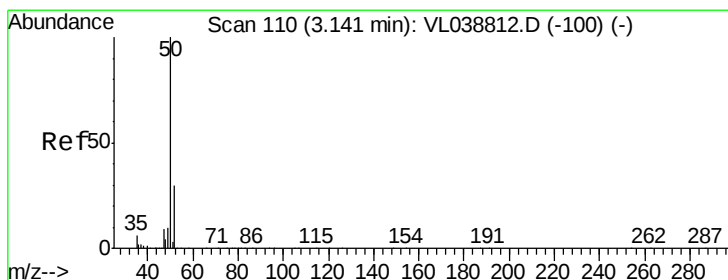
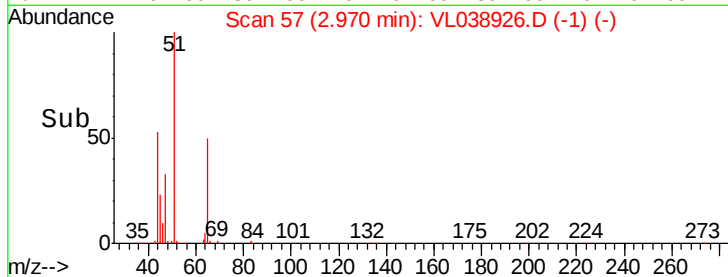
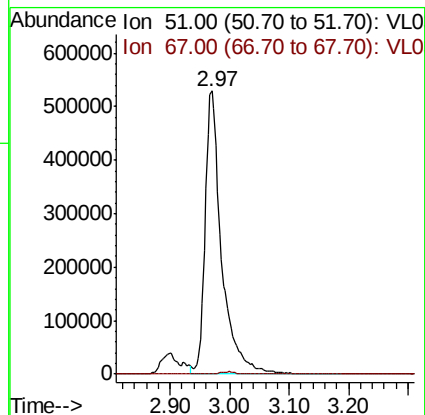
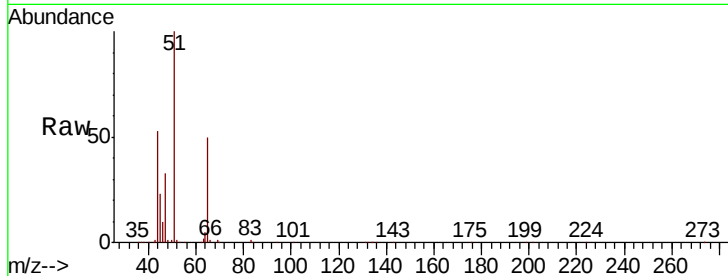
Acq: 14 Apr 2022 20:43

Tot Ion: 51 Resp: 1012700

Ion Ratio Lower Upper

51 100

67 0.9 13.4 20.0#



#4

Chloromethane

Concen: 0.530 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL038926.D

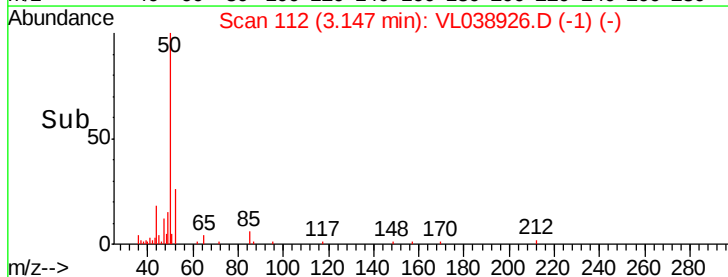
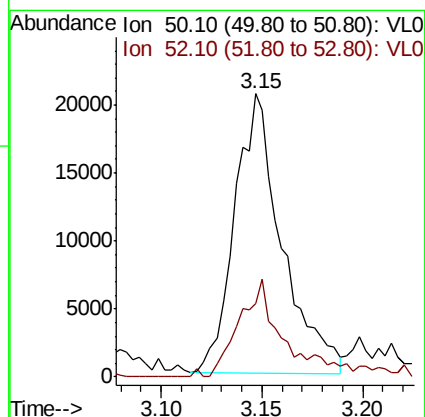
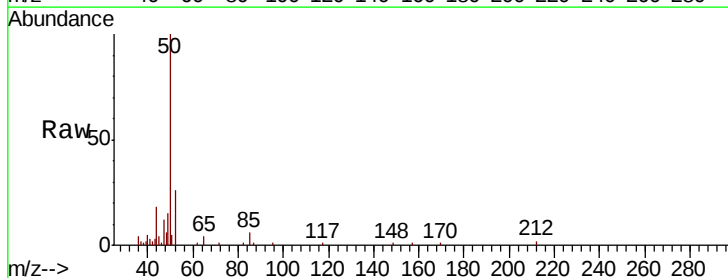
Acq: 14 Apr 2022 20:43

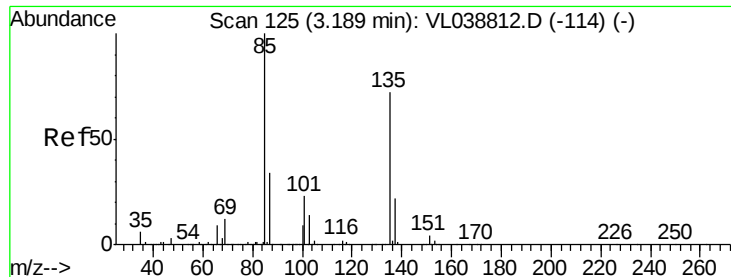
Tgt Ion: 50 Resp: 33623

Ion Ratio Lower Upper

50 100

52 24.9 24.3 36.5





#8

Dichlorotetrafluoroethane

Concen: 0.850 ppbv

RT: 3.05 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

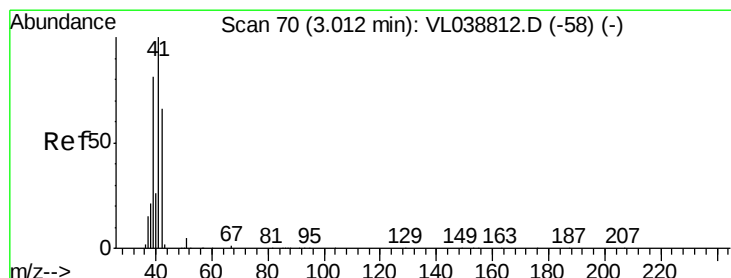
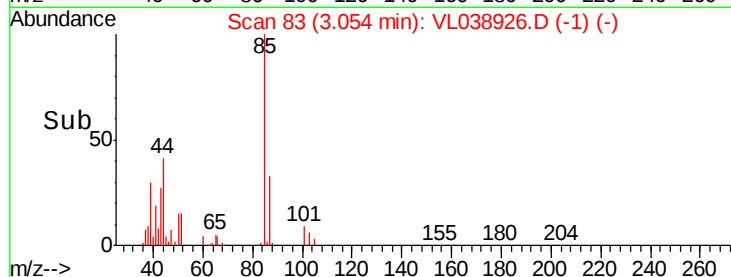
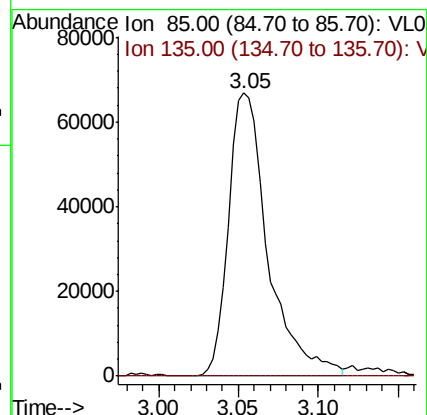
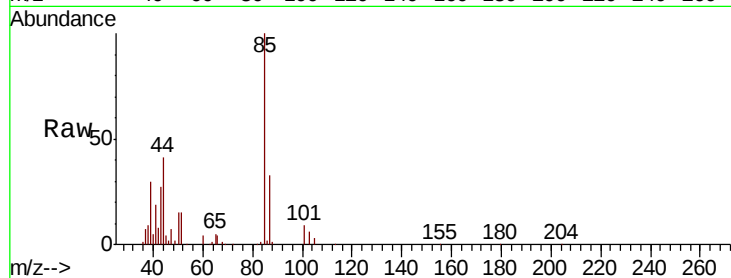
Acq: 14 Apr 2022 20:43

Tot Ion: 85 Resp: 112943

Ion Ratio Lower Upper

85 100

135 0.1 57.0 85.6#



#9

Propene

Concen: 1.395 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.20 min

Lab File: VL038926.D

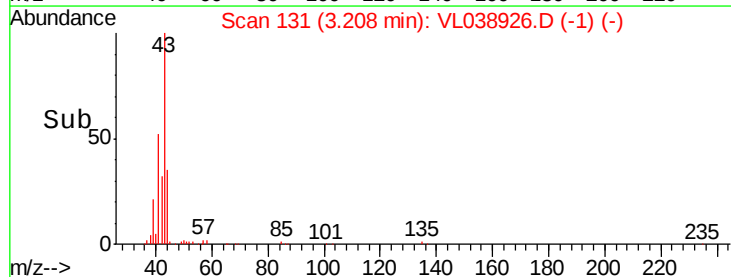
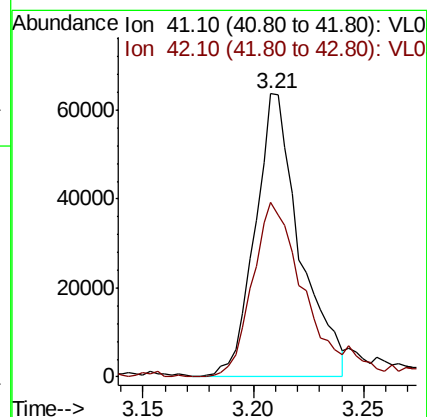
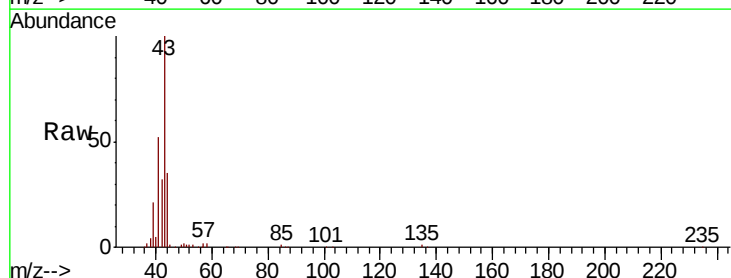
Acq: 14 Apr 2022 20:43

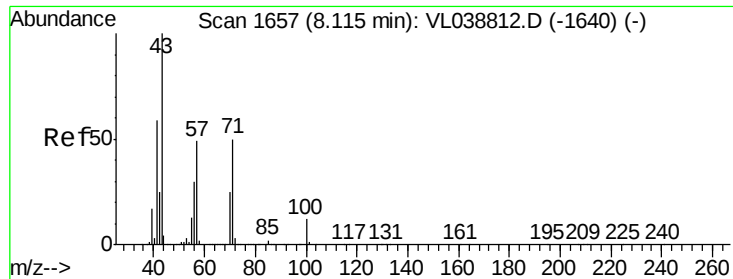
Tgt Ion: 41 Resp: 90346

Ion Ratio Lower Upper

41 100

42 78.6 54.2 81.4





#10

Heptane

Concen: 6.582 ppbv

RT: 8.13 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

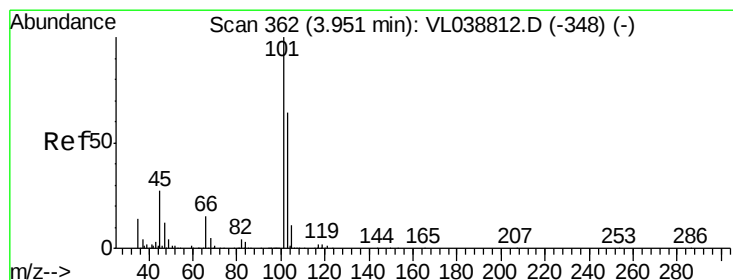
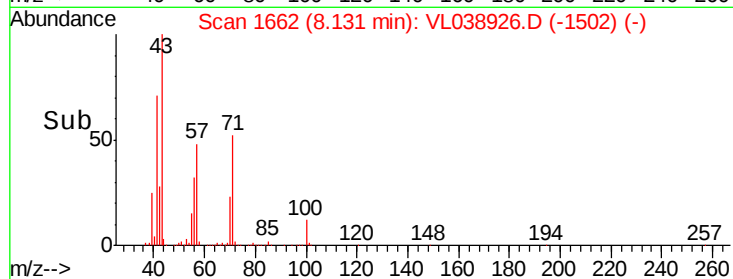
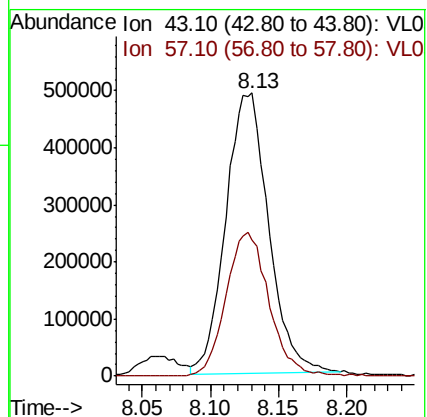
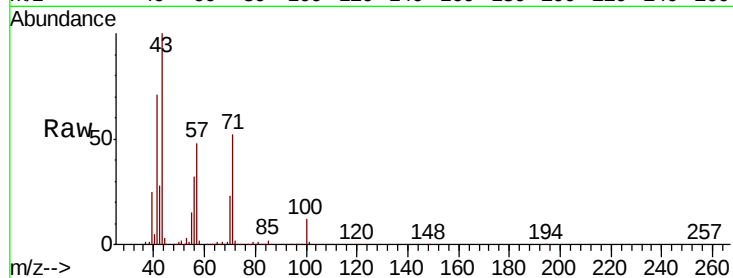
Acq: 14 Apr 2022 20:43

Tot Ion: 43 Resp: 1073793

Ion Ratio Lower Upper

43 100

57 51.7 39.3 58.9



#11

Trichlorofluoromethane

Concen: 3.086 ppbv

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VL038926.D

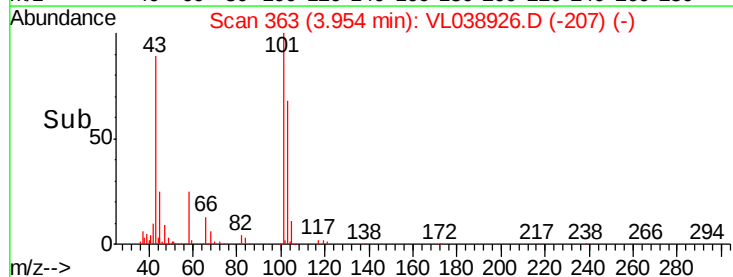
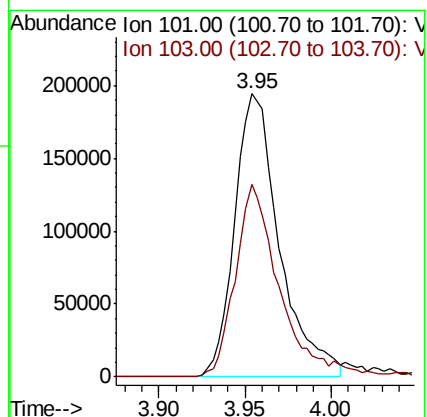
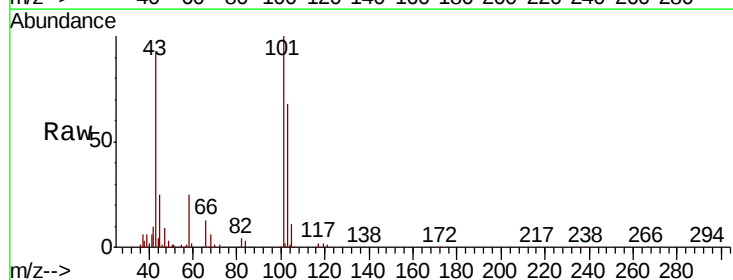
Acq: 14 Apr 2022 20:43

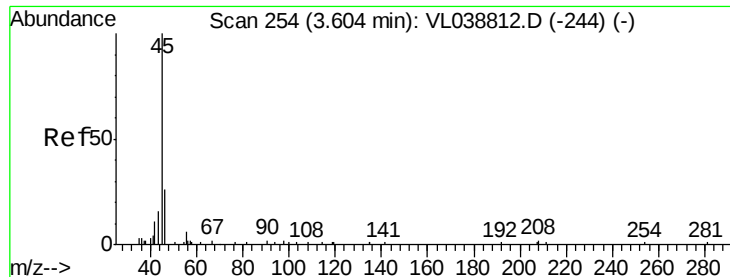
Tgt Ion:101 Resp: 352751

Ion Ratio Lower Upper

101 100

103 68.0 51.4 77.0





#13

Ethanol

Concen: 139.515 ppbv

RT: 3.60 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

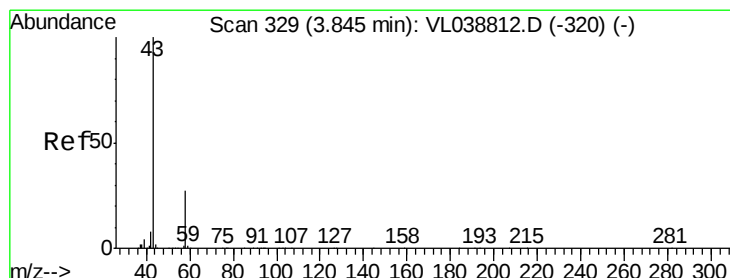
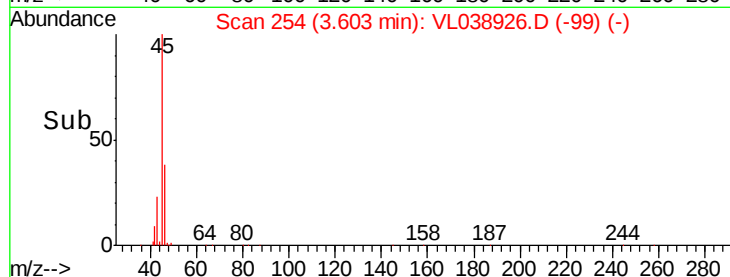
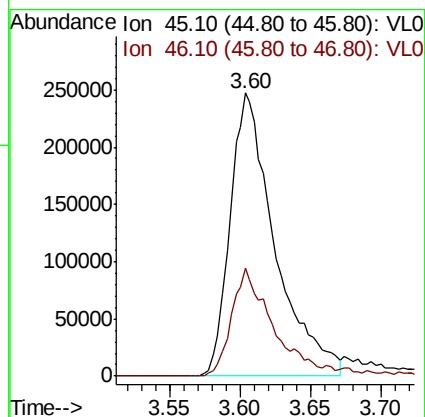
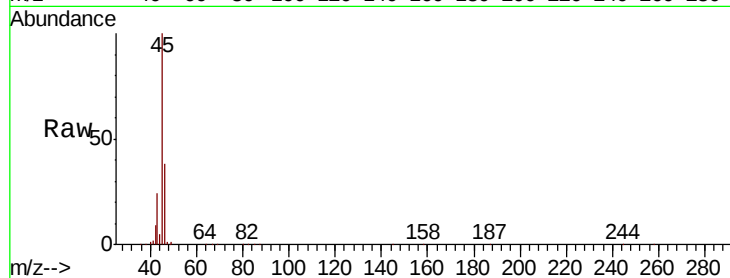
Acq: 14 Apr 2022 20:43

Tot Ion: 45 Resp: 549113

Ion Ratio Lower Upper

45 100

46 37.5 0.0 0.0#



#15

Acetone

Concen: 169.188 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.00 min

Lab File: VL038926.D

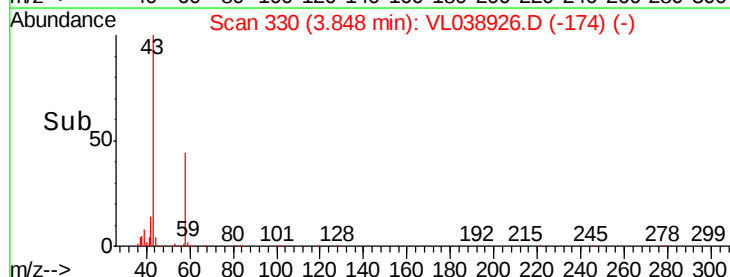
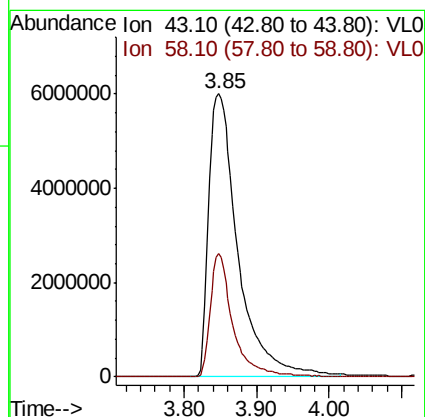
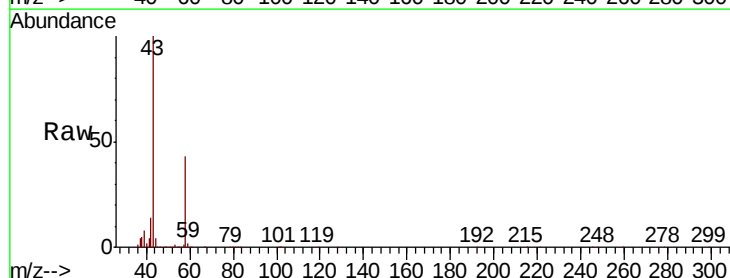
Acq: 14 Apr 2022 20:43

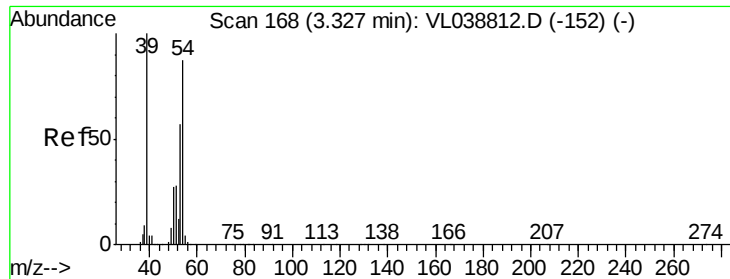
Tgt Ion: 43 Resp:16895142

Ion Ratio Lower Upper

43 100

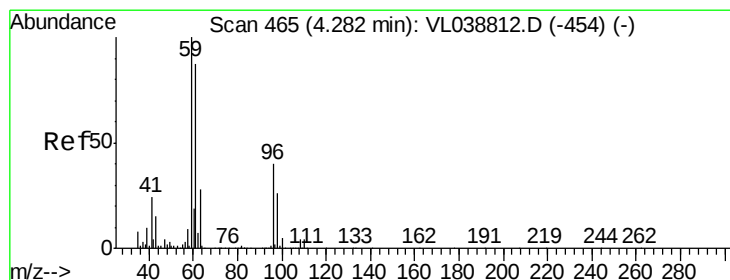
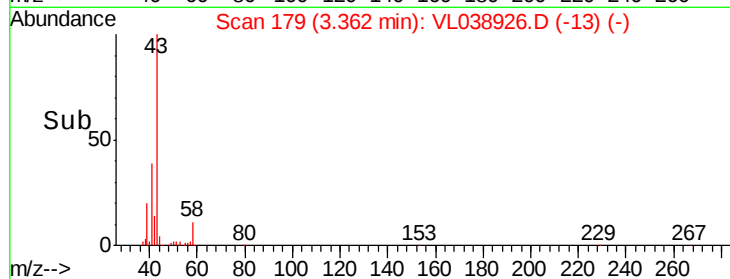
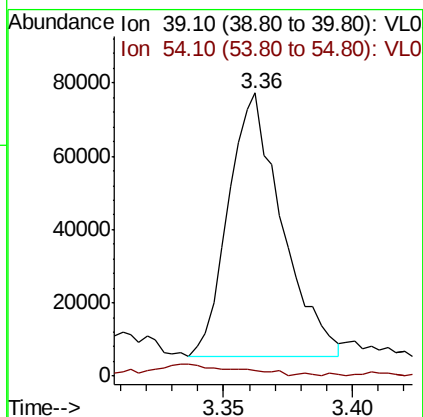
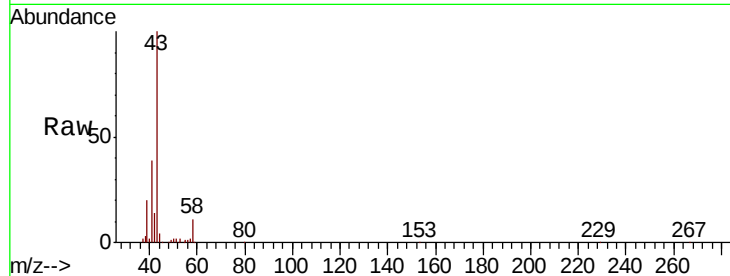
58 34.2 22.5 33.7#





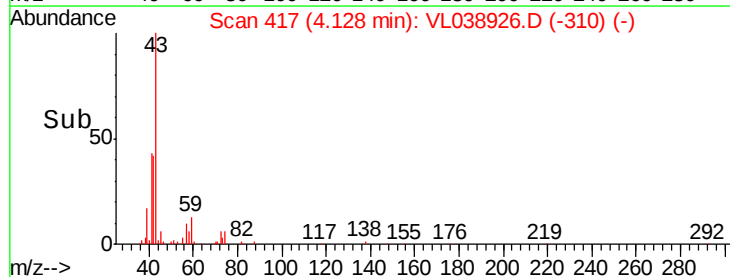
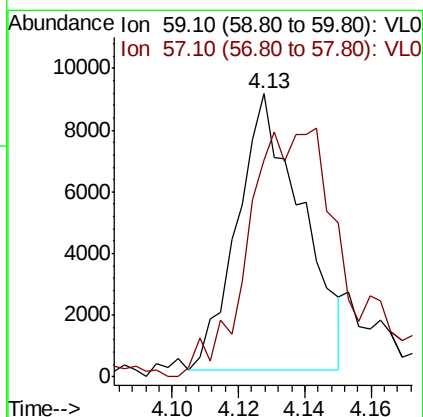
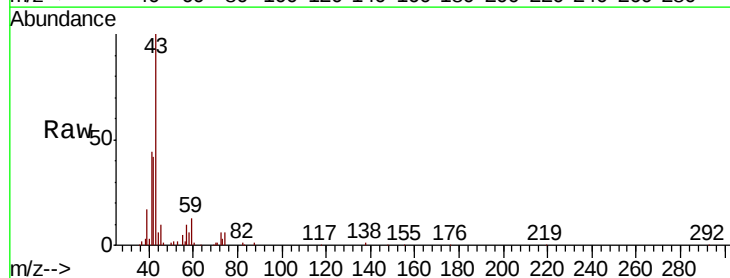
#16
 1,3-Butadiene
 Concen: 1.823 ppbv
 RT: 3.36
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 1165-19-SG-1
 Acq: 14 Apr 2022 20:43

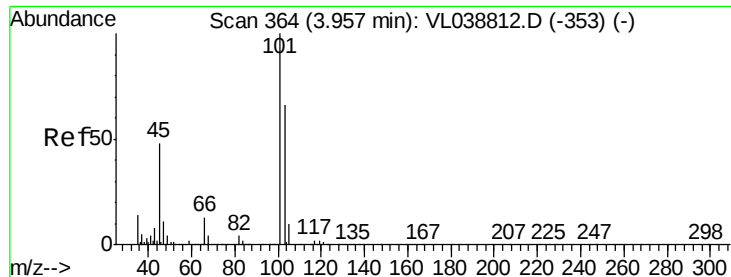
Tot Ion: 39 Resp: 104089
 Ion Ratio Lower Upper
 39 100
 54 9.5 64.8 97.2#



#17
 tert-Butyl alcohol
 Concen: 0.136 ppbv
 RT: 4.13 min Scan# 417
 Delta R.T. -0.15 min
 Lab File: VL038926.D
 Acq: 14 Apr 2022 20:43

Tgt Ion: 59 Resp: 12139
 Ion Ratio Lower Upper
 59 100
 57 144.0 8.5 12.7#





#19

Isopropyl Alcohol

Concen: 6.011 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

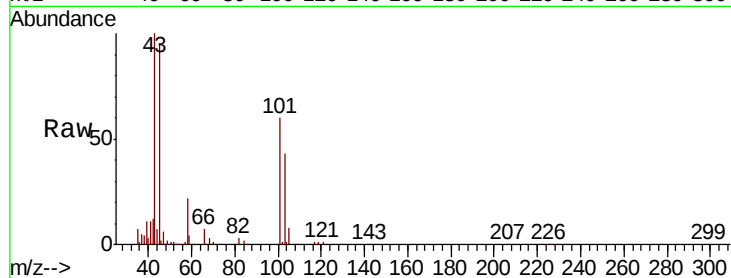
Acq: 14 Apr 2022 20:43

Tot Ion: 45 Resp: 306802

Ion Ratio Lower Upper

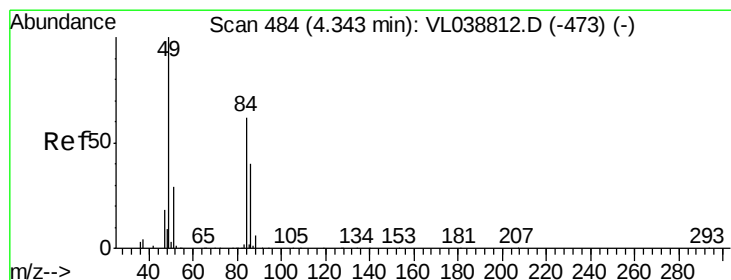
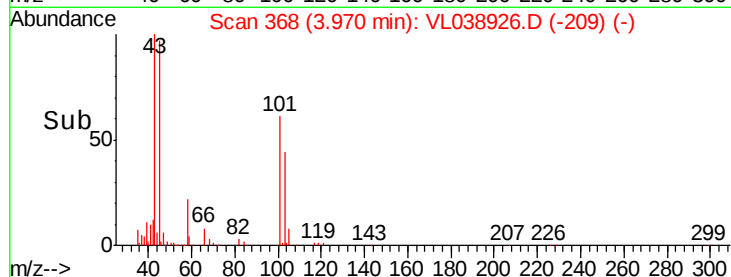
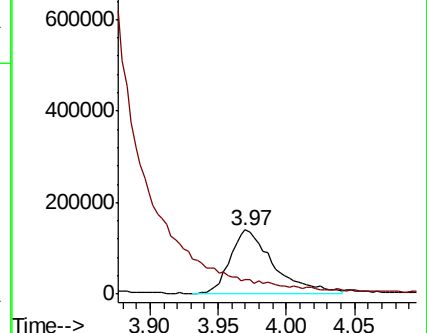
45 100

58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 11.597 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038926.D

Acq: 14 Apr 2022 20:43

Tgt Ion: 84 Resp: 420008

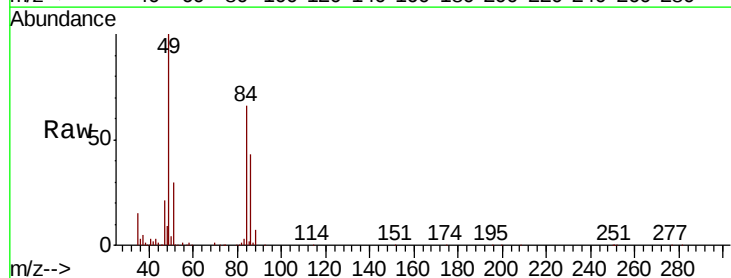
Ion Ratio Lower Upper

84 100

49 150.9 129.4 194.0

51 44.4 37.4 56.2

86 64.2 51.4 77.2

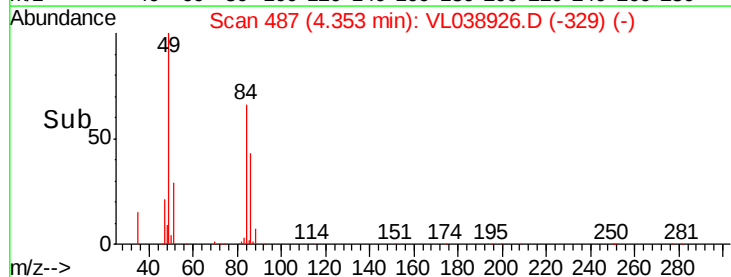
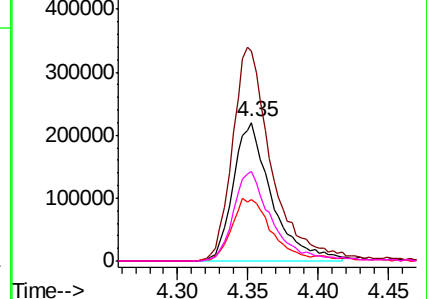


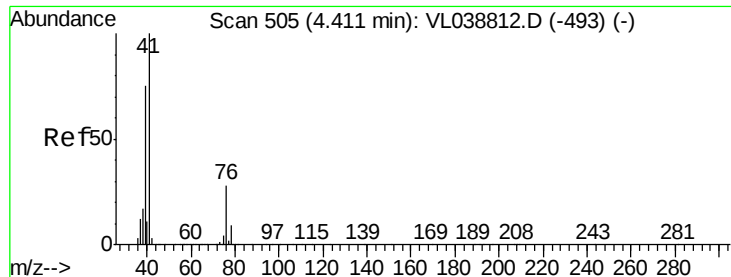
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

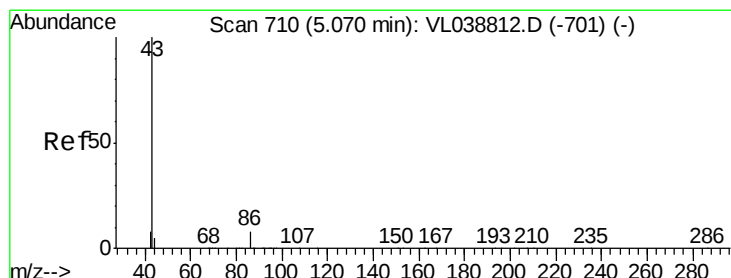
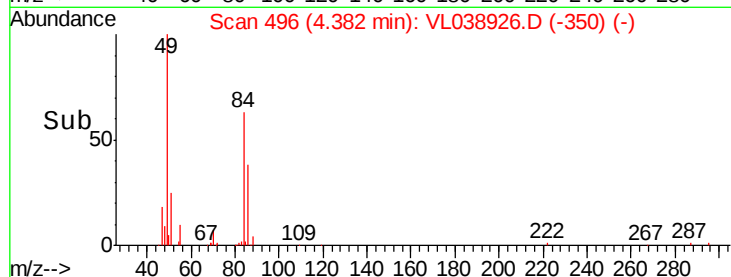
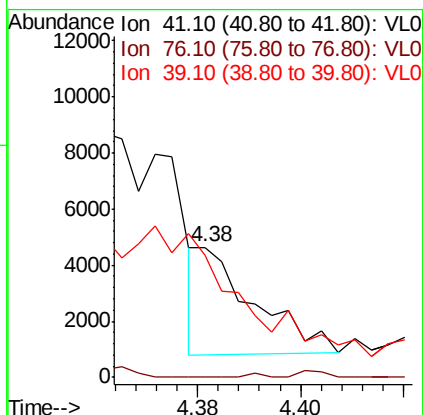
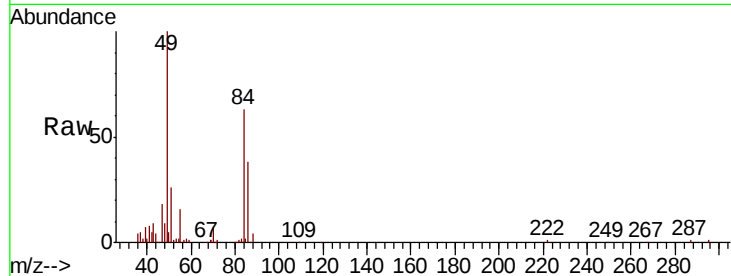
Ion 86.00 (85.70 to 86.70): VL0





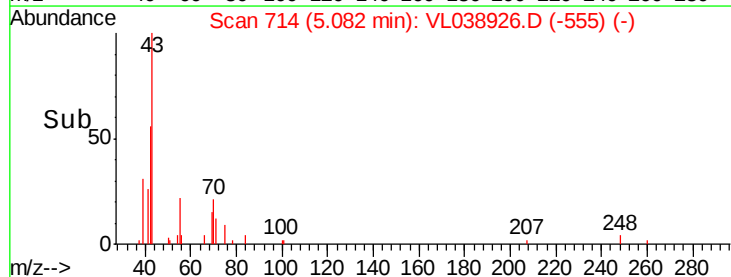
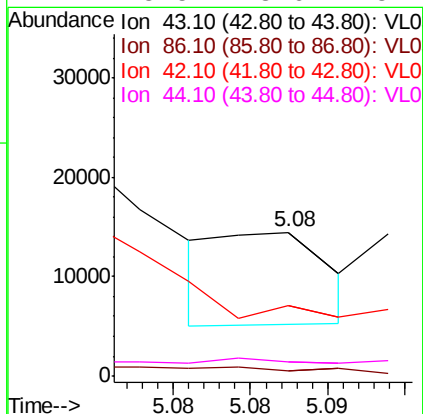
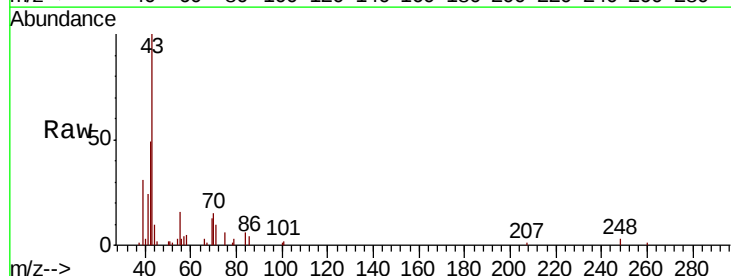
#21
Allvl Chloride
Concen: 0.038 ppbv
RT: 4.38
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2022 20:43

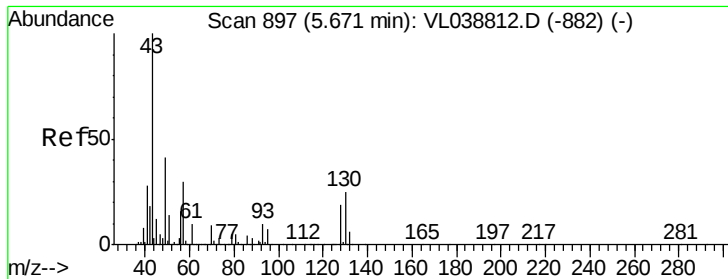
Tot Ion: 41 Resp: 2875
Ion Ratio Lower Upper
41 100
76 3.8 23.7 35.5#
39 0.0 62.0 93.0#



#23
Vinyl Acetate
Concen: 0.046 ppbv
RT: 5.08 min Scan# 714
Delta R.T. 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

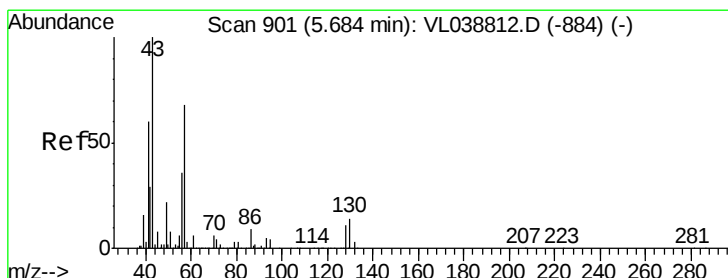
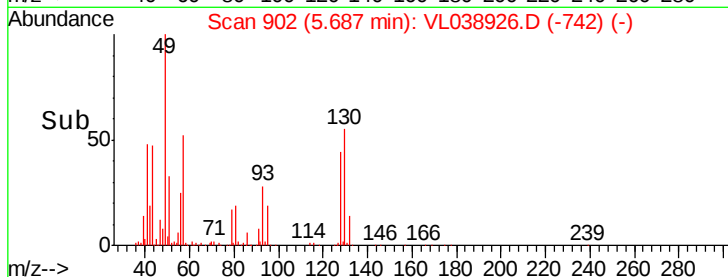
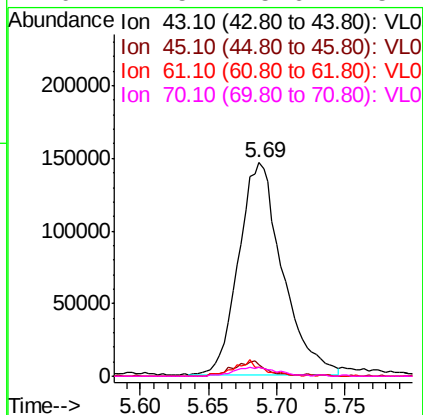
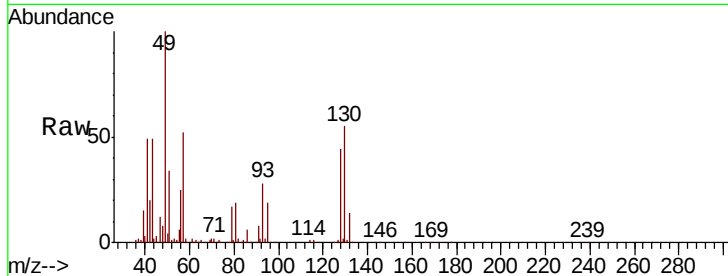
Tgt Ion: 43 Resp: 4507
Ion Ratio Lower Upper
43 100
86 0.0 5.8 8.6#
42 25.3 7.8 11.6#
44 5.5 3.6 5.4#





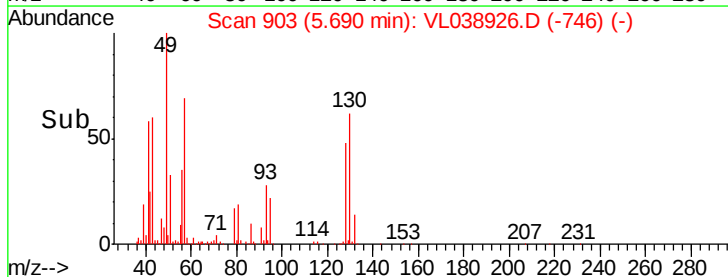
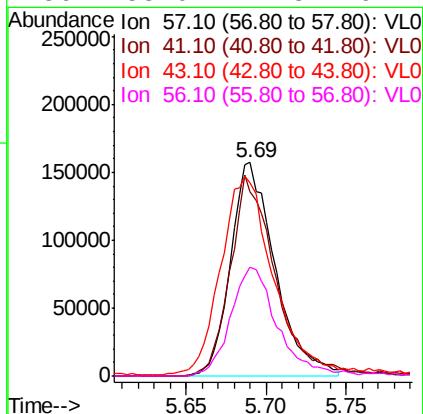
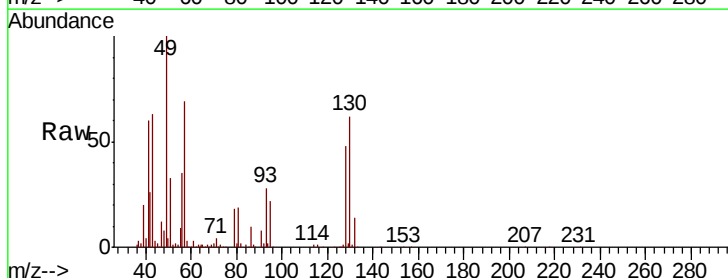
#25
Ethyl Acetate
Concen: 1.279 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Apr 2022 20:43

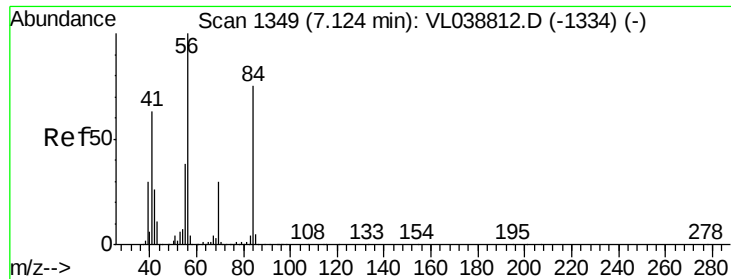
Tot Ion:	43	Resp:	324041
Ion	Ratio	Lower	Upper
43	100		
45	6.1	8.4	12.6#
61	5.2	7.9	11.9#
70	4.5	5.6	8.4#



#26
Hexane
Concen: 2.579 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

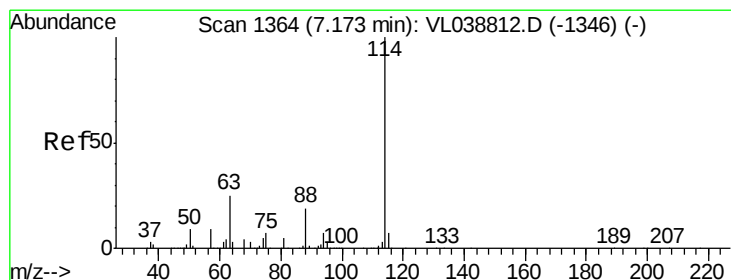
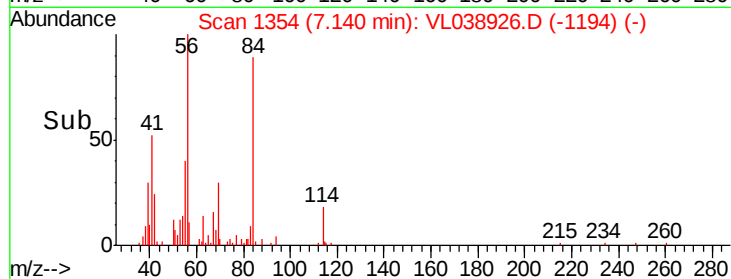
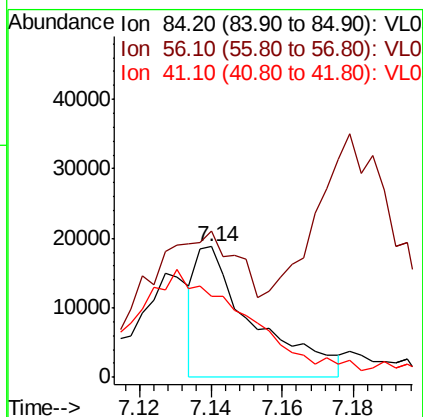
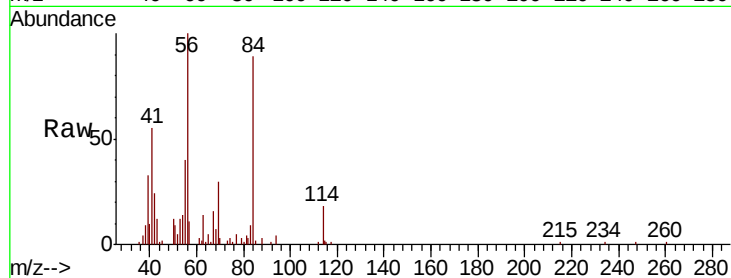
Tgt Ion:	57	Resp:	297408
Ion	Ratio	Lower	Upper
57	100		
41	97.2	72.0	108.0
43	114.4	186.6	280.0#
56	55.0	42.8	64.2





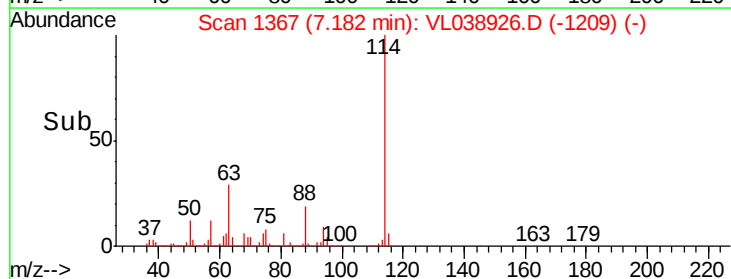
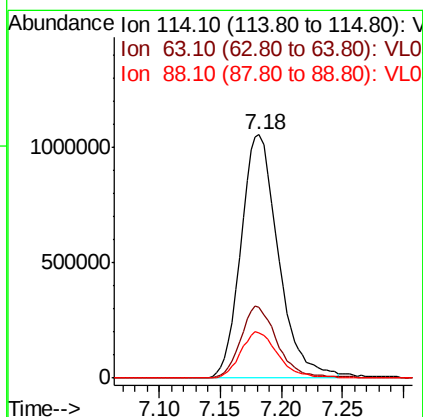
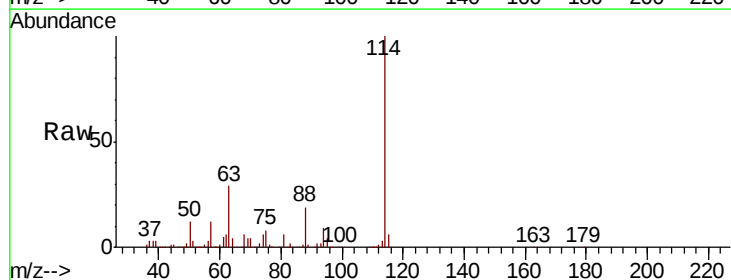
#30
Cyclohexane
Concen: 0.206 ppbv
RT: 7.14
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 14 Apr 2022 20:43

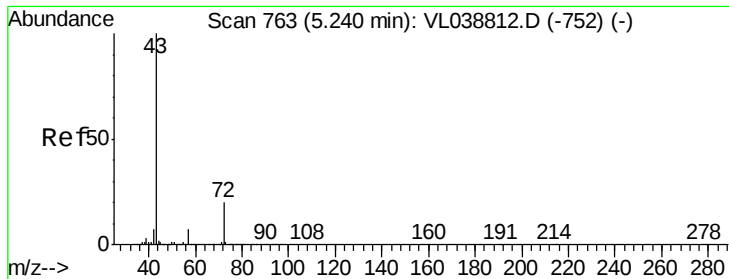
Tot Ion	84	Resp	20939
Ion	Ratio	Lower	Upper
84	100		
56	211.3	114.4	171.6#
41	0.0	69.0	103.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T.: 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

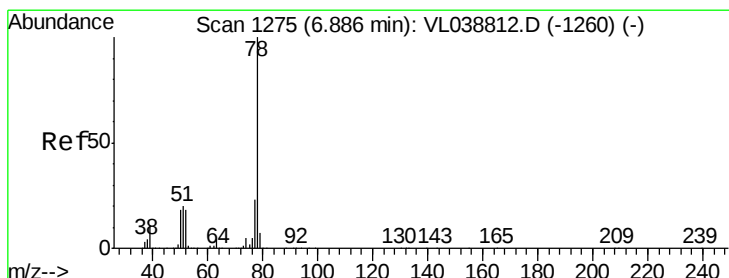
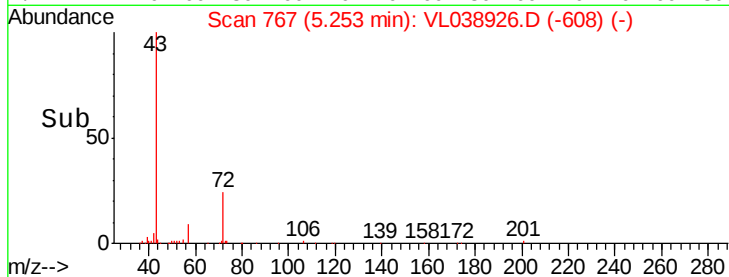
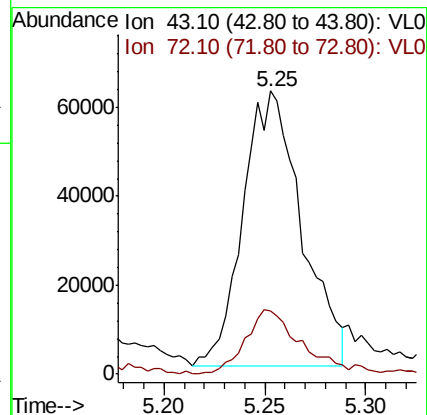
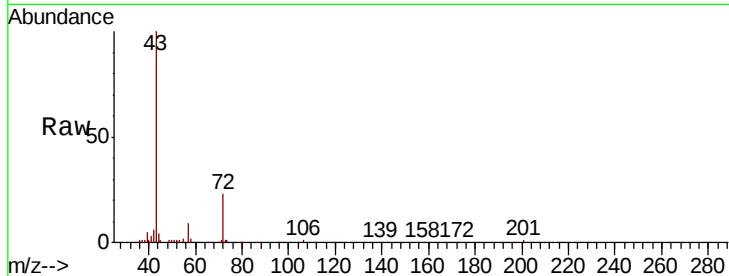
Tgt Ion	114	Resp	2233308
Ion	Ratio	Lower	Upper
114	100		
63	29.5	19.8	29.8
88	19.3	14.2	21.4





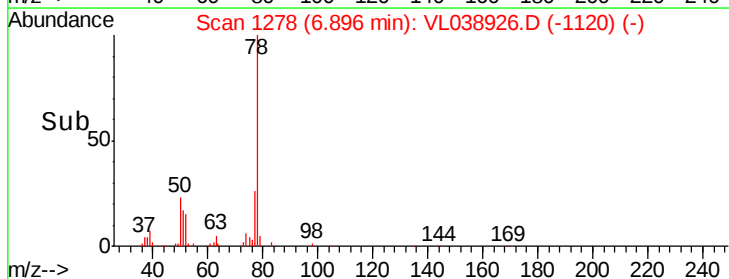
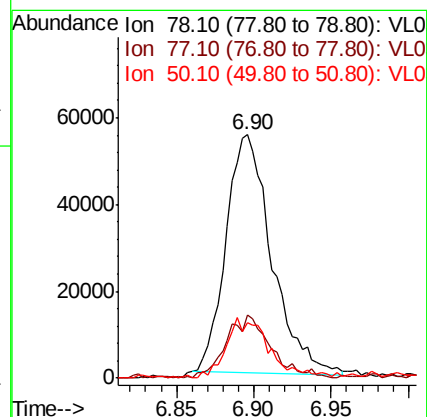
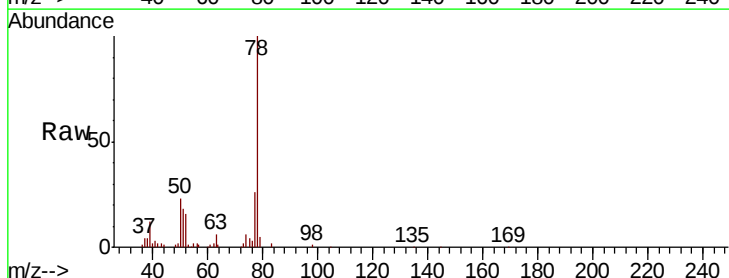
#34
2-Butanone
Concen: 1.423 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2022 20:43

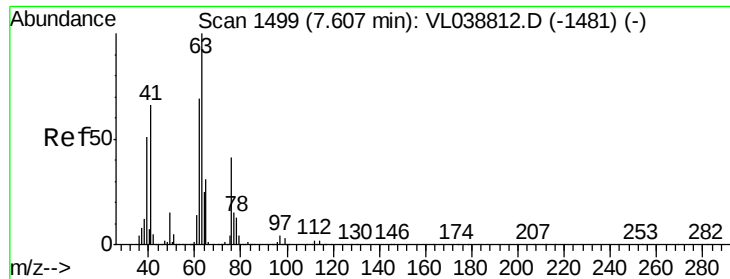
Tot Ion: 43 Resp: 125535
Ion Ratio Lower Upper
43 100
72 24.1 16.9 25.3



#36
Benzene
Concen: 0.555 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

Tgt Ion: 78 Resp: 112681
Ion Ratio Lower Upper
78 100
77 26.4 18.2 27.2
50 23.4 14.0 21.0#





#39

1,2-Dichloropropane

Concen: 8.254 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 14 Apr 2022 20:43

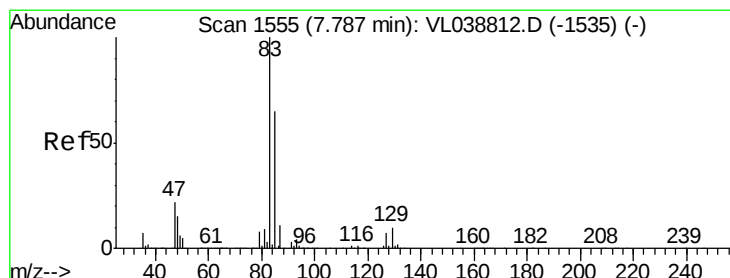
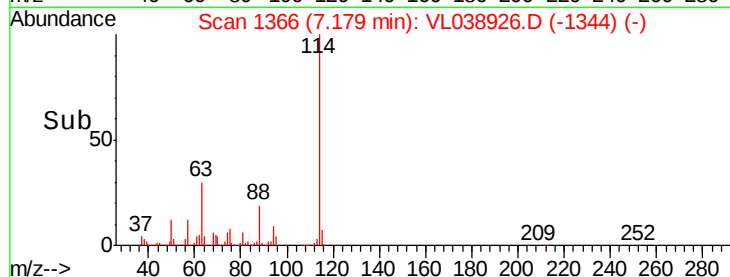
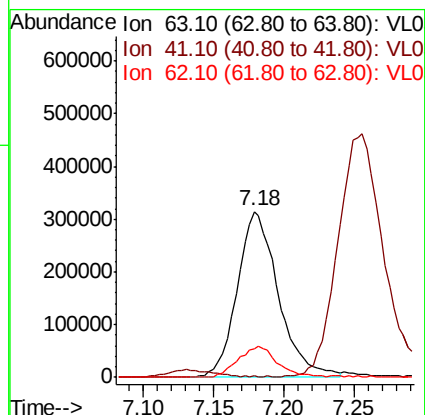
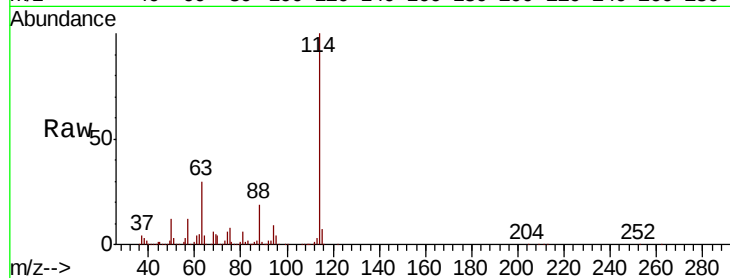
Tot Ion: 63 Resp: 641432

Ion Ratio Lower Upper

63 100

41 0.0 53.0 79.6#

62 17.4 55.0 82.4#



#42

Bromodichloromethane

Concen: 0.071 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL038926.D

Acq: 14 Apr 2022 20:43

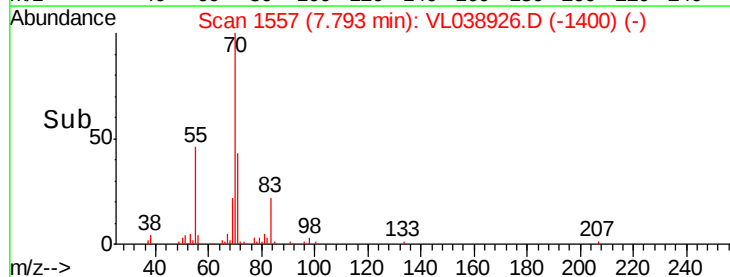
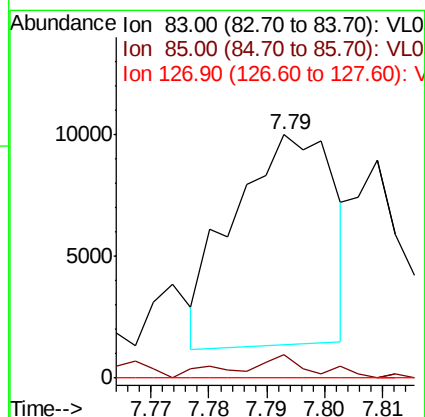
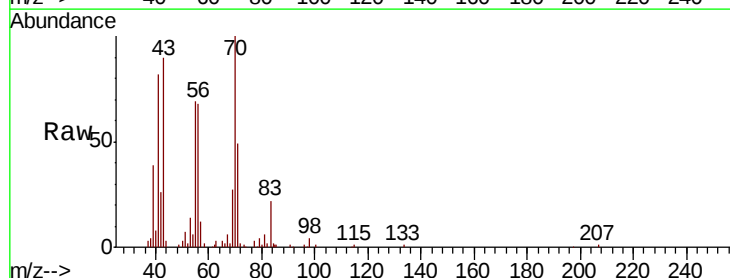
Tgt Ion: 83 Resp: 10403

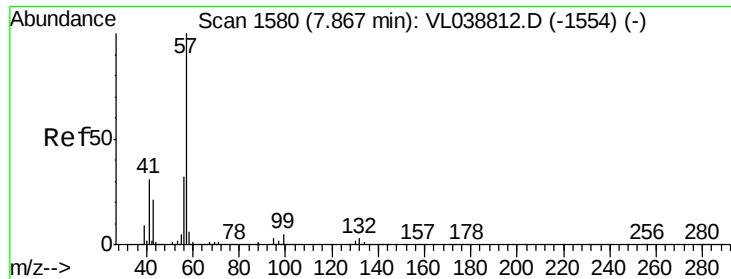
Ion Ratio Lower Upper

83 100

85 8.6 51.7 77.5#

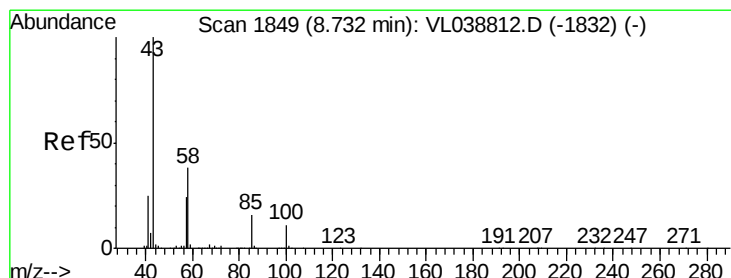
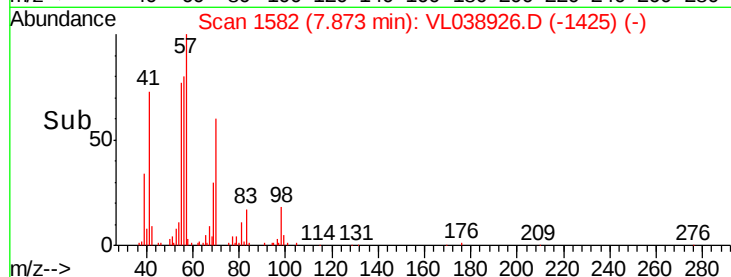
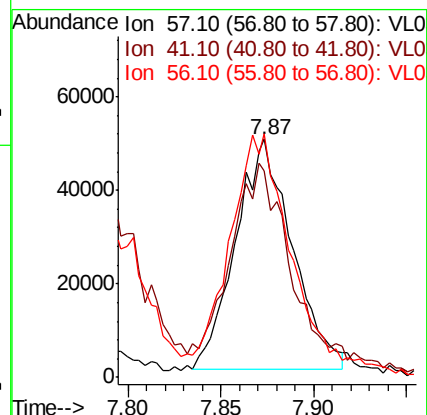
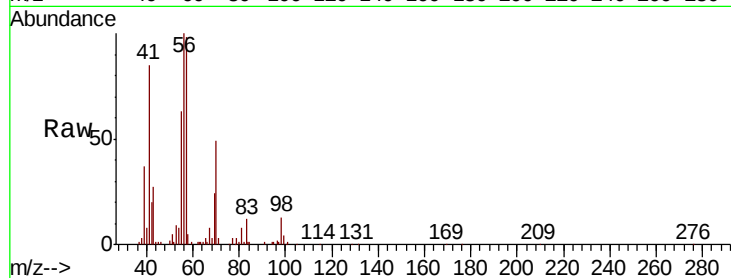
127 0.0 5.9 8.9#





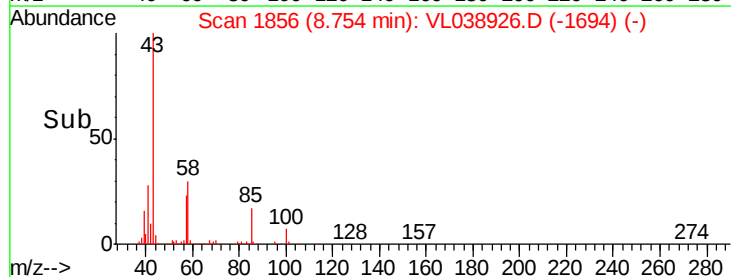
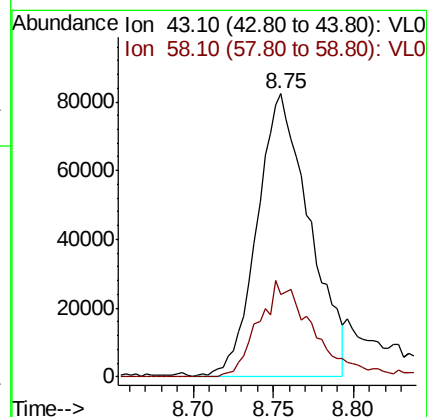
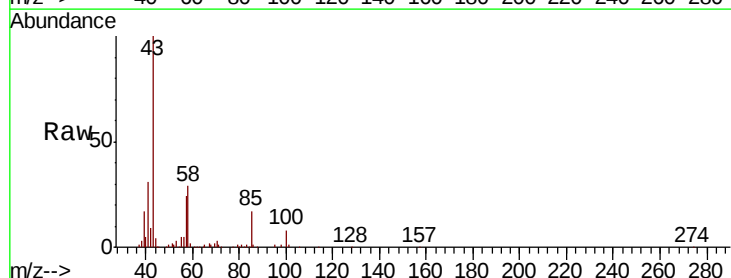
#44
 2,2,4-Trimethylpentane
 Concen: 0.306 ppbv
 RT: 7.87
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 1165-19-SG-1
 Acq: 14 Apr 2022 20:43

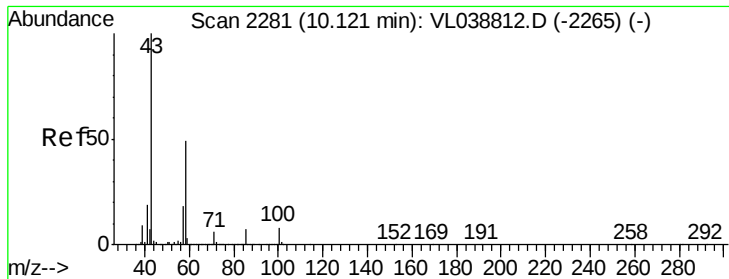
Tot Ion	57	Resp	105243
Ion Ratio	Lower	Upper	
57	100		
41	101.0	25.0	37.4#
56	116.8	25.3	37.9#



#50
 4-Methyl-2-Pentanone
 Concen: 0.932 ppbv
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.02 min
 Lab File: VL038926.D
 Acq: 14 Apr 2022 20:43

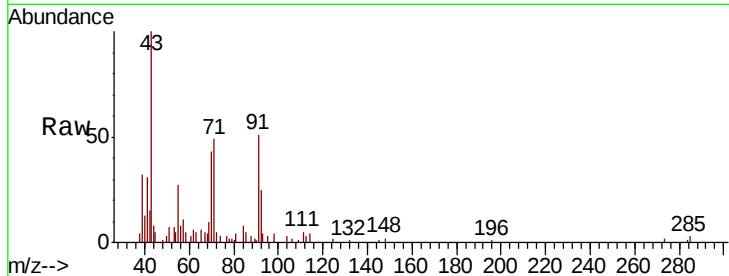
Tgt Ion	43	Resp	185033
Ion Ratio	Lower	Upper	
43	100		
58	37.1	29.0	43.6



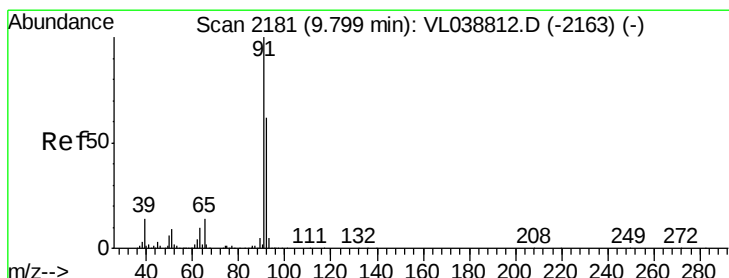
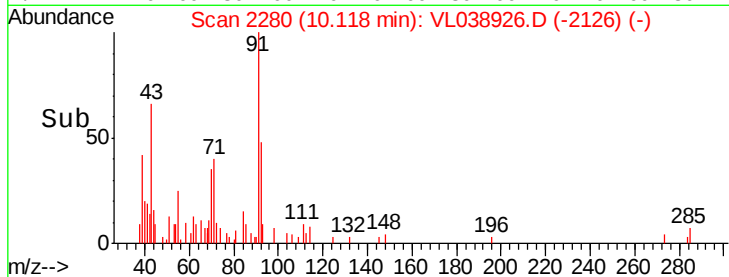
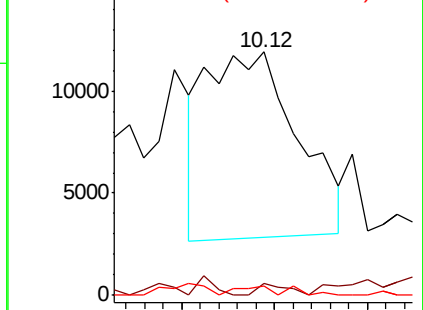


#51
2-Hexanone
Concen: 0.083 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId : 1165-19-SG-1
Acq: 14 Apr 2022 20:43

Tot Ion: 43 Resp: 12429
Ion Ratio Lower Upper
43 100
58 21.7 41.4 62.0#
98 0.0 0.1 0.1#

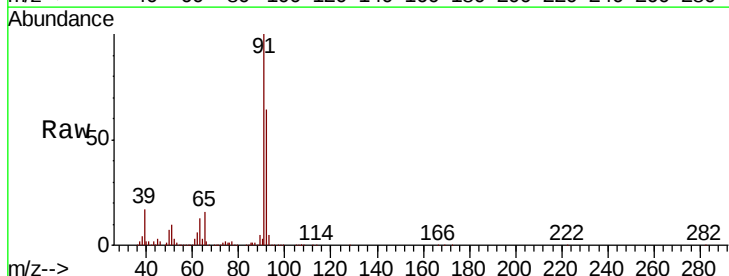


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

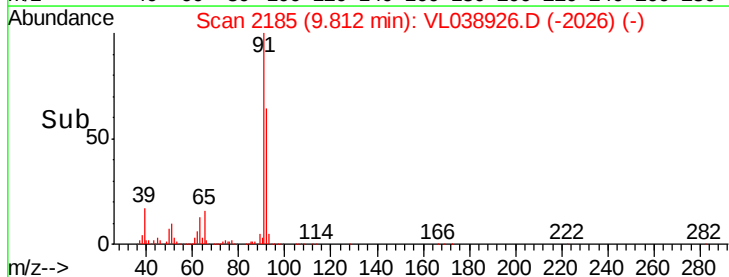
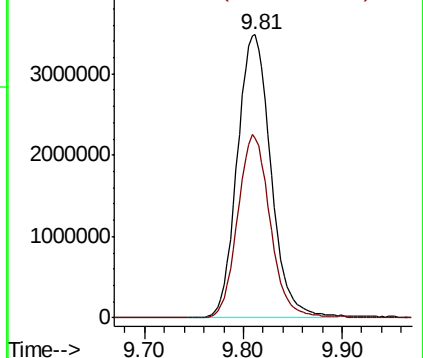


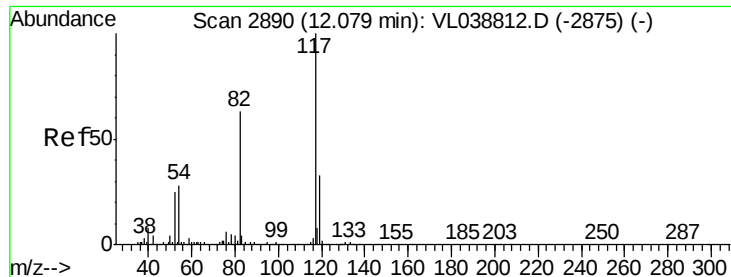
#53
Toluene
Concen: 35.071 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

Tgt Ion: 91 Resp: 8225386
Ion Ratio Lower Upper
91 100
92 63.0 49.2 73.8



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0

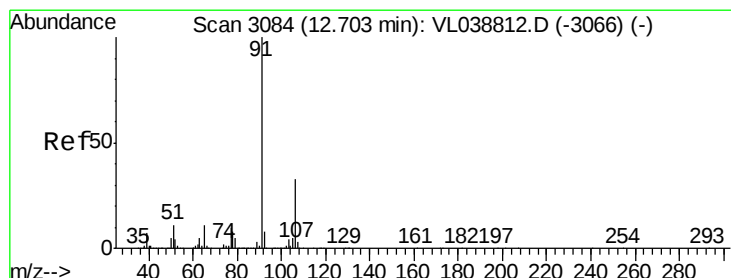
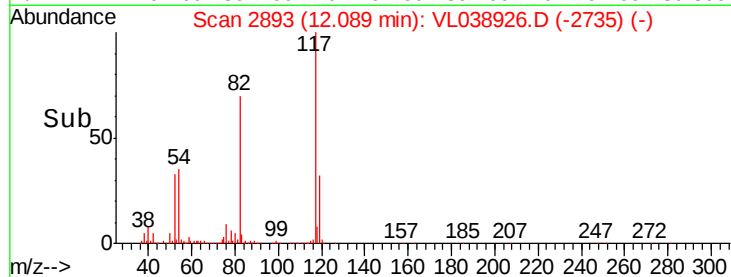
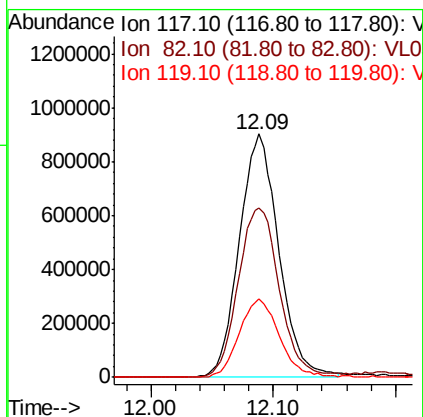
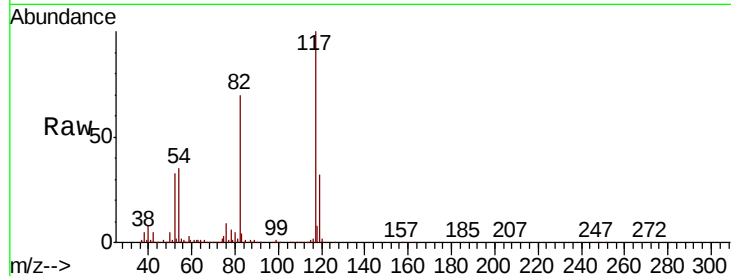




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : 1165-19-SG-1
Acq: 14 Apr 2022 20:43

Tot Ion:117 Resp: 2014796

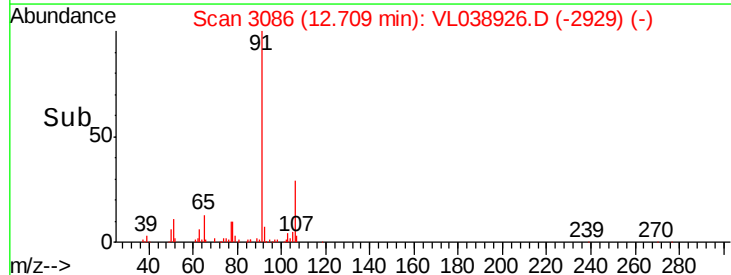
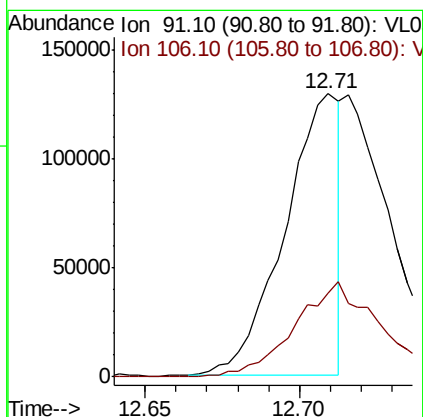
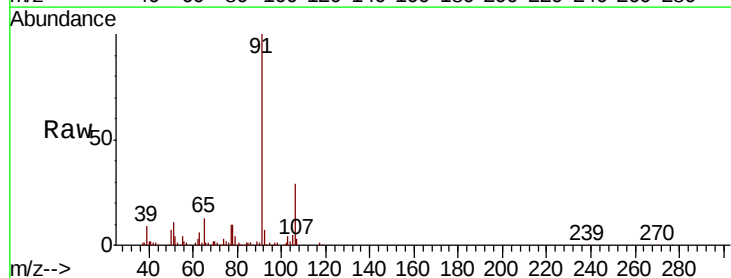
Ion	Ratio	Lower	Upper
117	100		
82	73.3	53.0	79.6
119	32.8	24.9	37.3

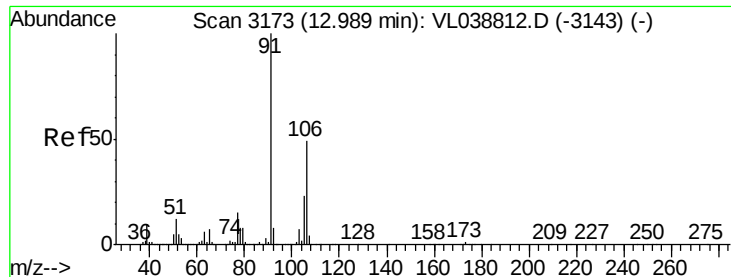


#58
Ethyl Benzene
Concen: 0.531 ppbv
RT: 12.71 min Scan# 3086
Delta R.T.: 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

Tgt Ion: 91 Resp: 159807

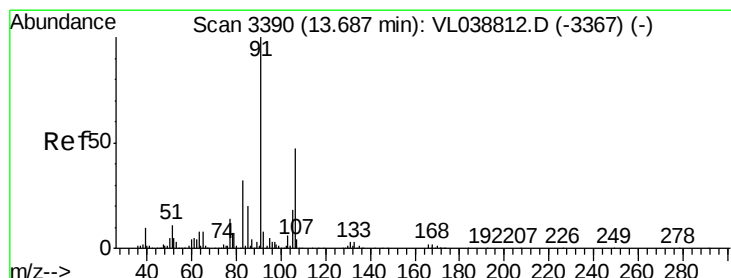
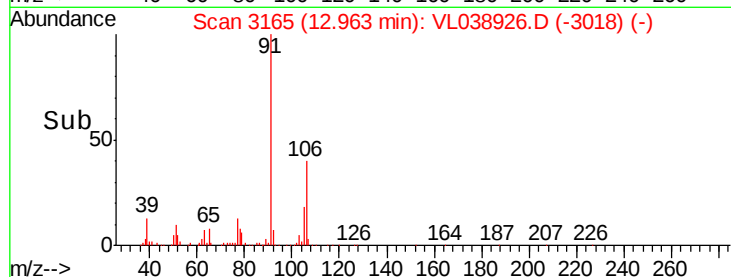
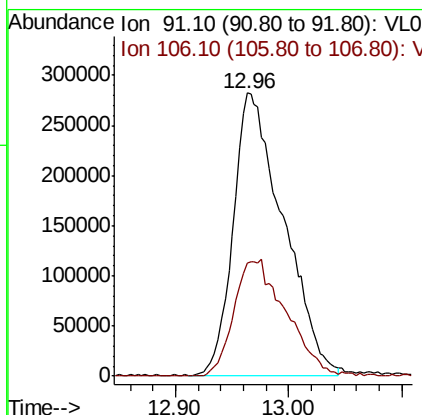
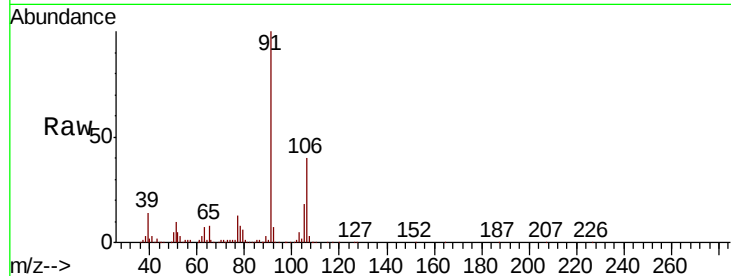
Ion	Ratio	Lower	Upper
91	100		
106	29.7	26.7	40.1





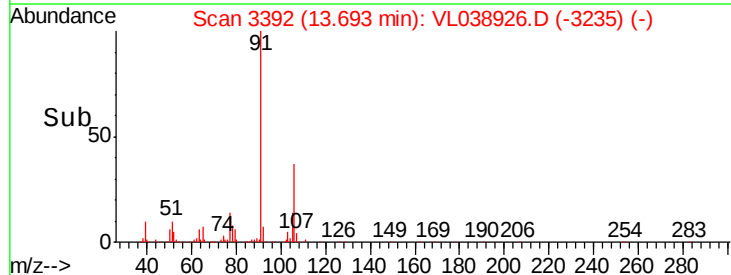
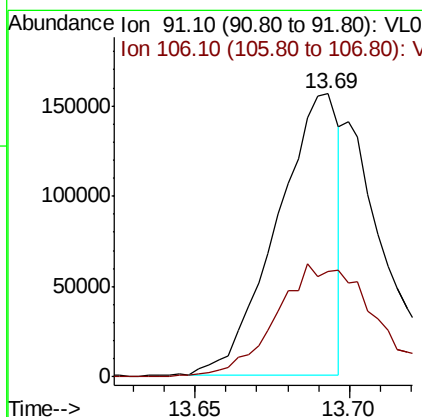
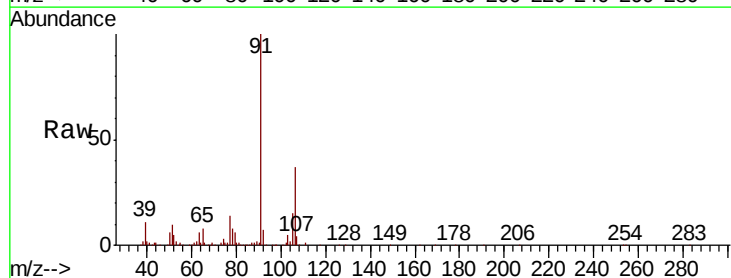
#59
m/p-Xylene
Concen: 3.426 ppbv
RT: 12.96 min
Delta R.T.: 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

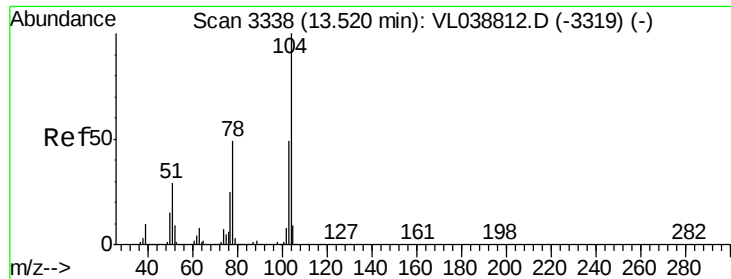
Tot Ion: 91 Resp: 866498
Ion Ratio Lower Upper
91 100
106 43.4 37.1 55.7



#60
o-Xylene
Concen: 0.906 ppbv
RT: 13.69 min Scan# 3392
Delta R.T.: 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

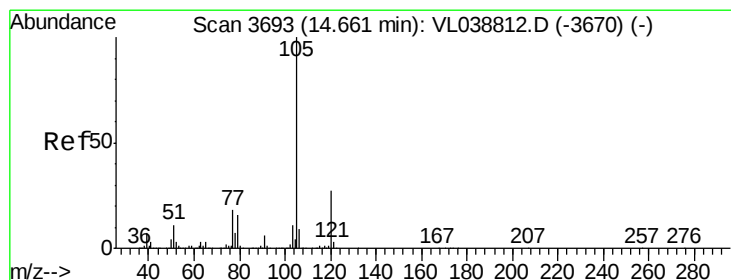
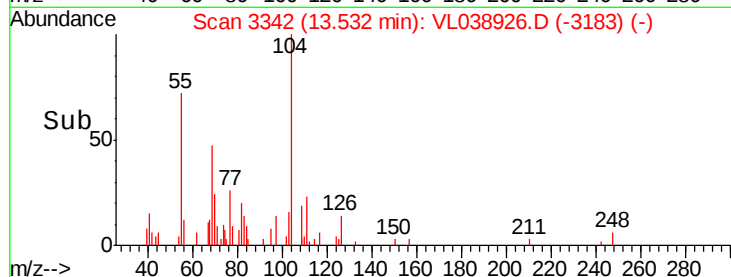
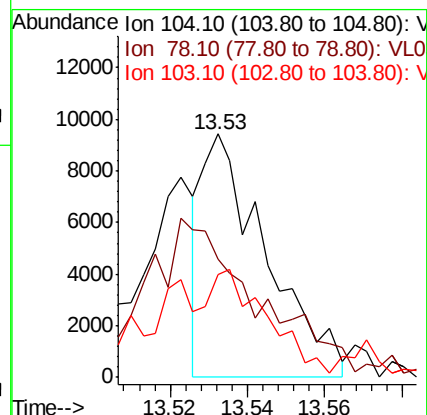
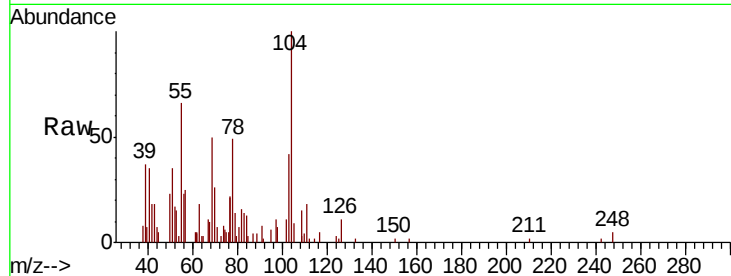
Tgt Ion: 91 Resp: 214542
Ion Ratio Lower Upper
91 100
106 65.3 23.8 71.4





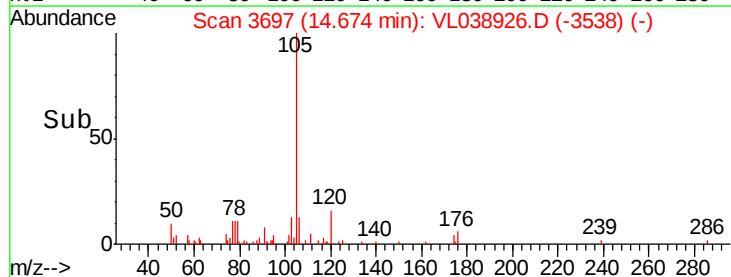
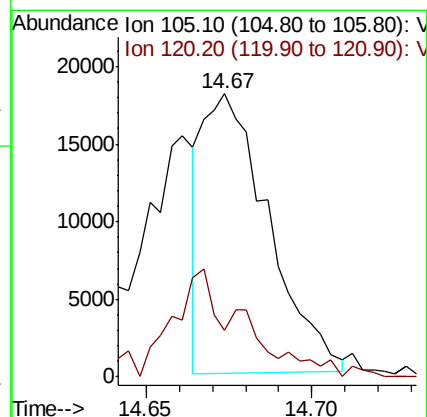
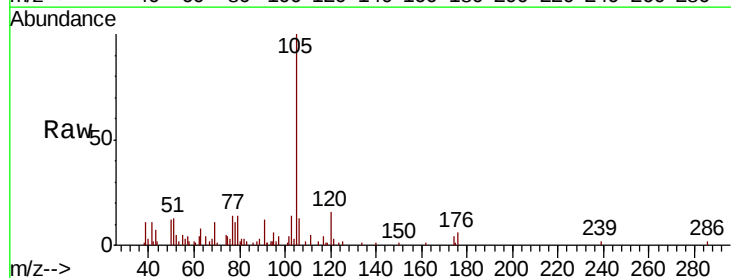
#61
Stvrene
Concen: 0.075 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2022 20:43

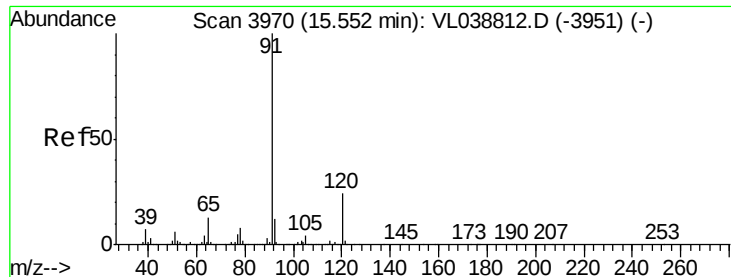
Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.5	60.7#
103	86.6	39.0	58.4#



#62
Isopropylbenzene
Concen: 0.070 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

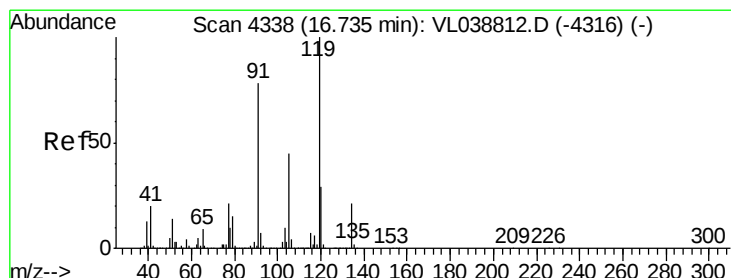
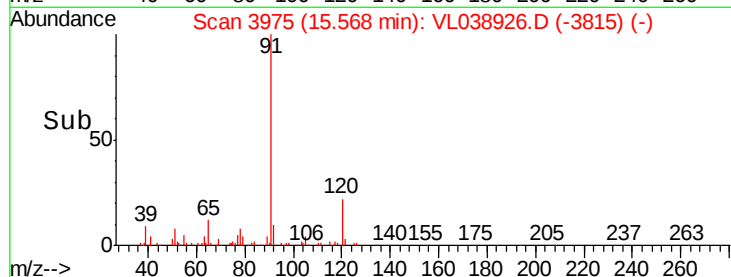
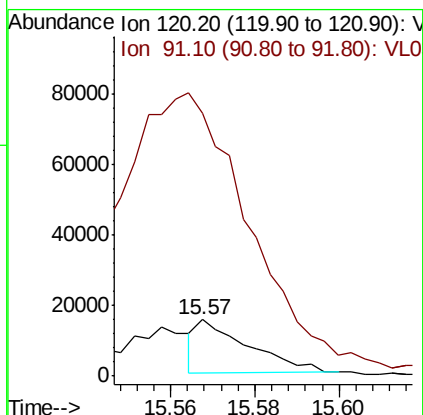
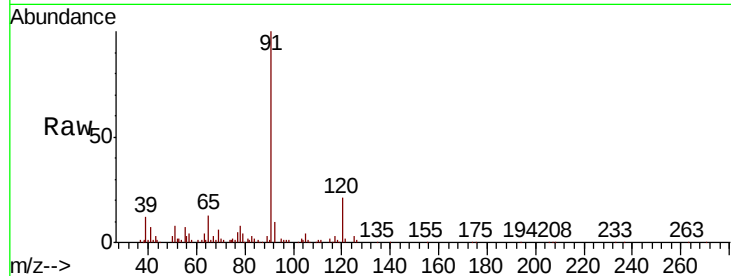
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	21.8	32.8#





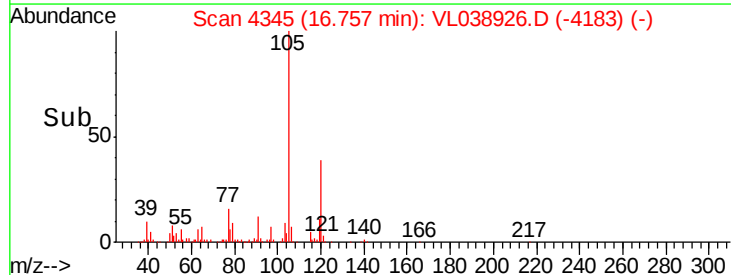
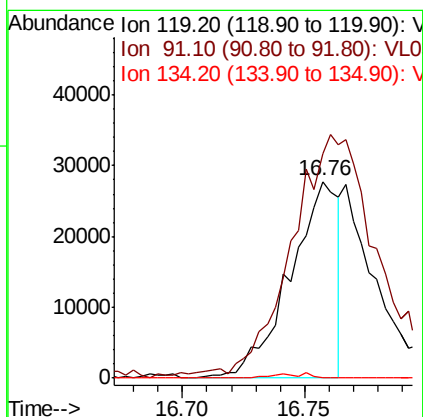
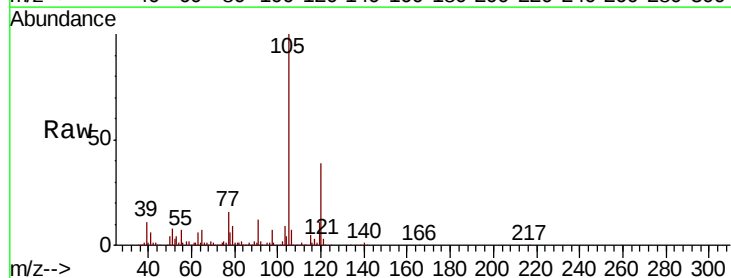
#64
n-propylbenzene
Concen: 0.140 ppbv
RT: 15.57 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
1165-19-SG-1
Acq: 14 Apr 2022 20:43

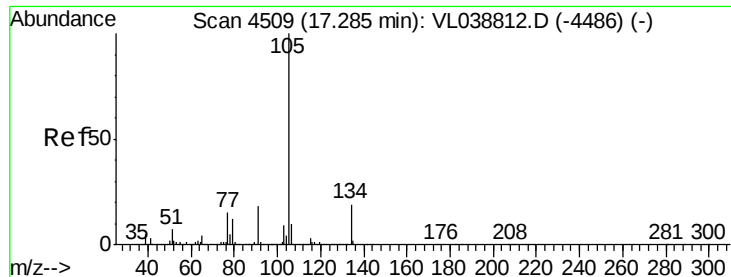
Tot Ion:120 Resp: 12908
Ion Ratio Lower Upper
120 100
91 1452.8 360.6 540.8#



#65
tert-Butylbenzene
Concen: 0.121 ppbv
RT: 16.76 min Scan# 4345
Delta R.T.: 0.02 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

Tgt Ion:119 Resp: 38082
Ion Ratio Lower Upper
119 100
91 213.3 62.8 94.2#
134 1.6 16.2 24.4#





#67

sec-Butylbenzene

Concen: 0.109 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

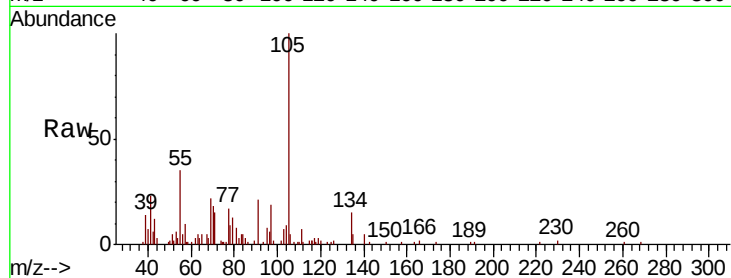
Acq: 14 Apr 2022 20:43

Tot Ion: 105 Resp: 48074

Ion Ratio Lower Upper

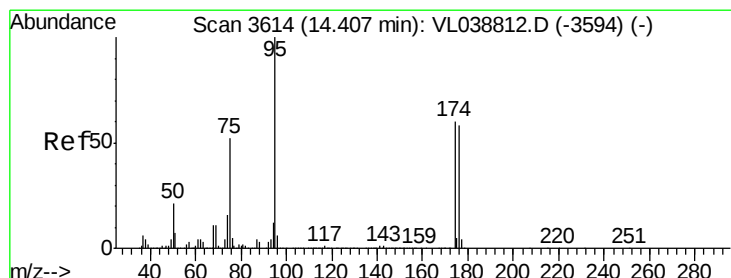
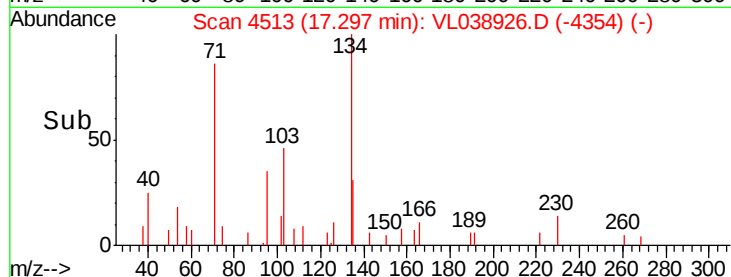
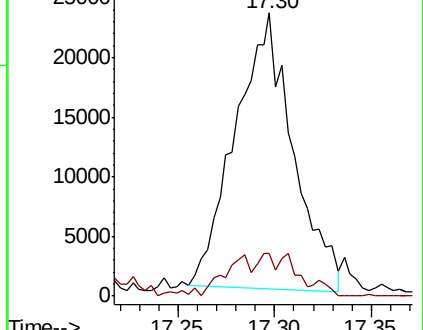
105 100

134 18.4 15.1 22.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.601 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL038926.D

Acq: 14 Apr 2022 20:43

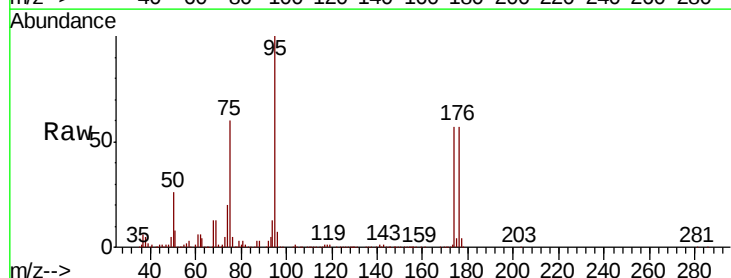
Tgt Ion: 95 Resp: 1772925

Ion Ratio Lower Upper

95 100

174 60.5 52.0 78.0

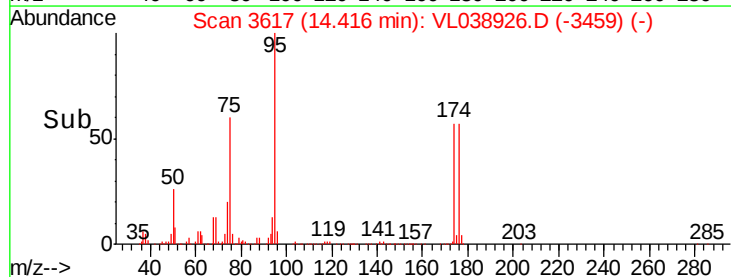
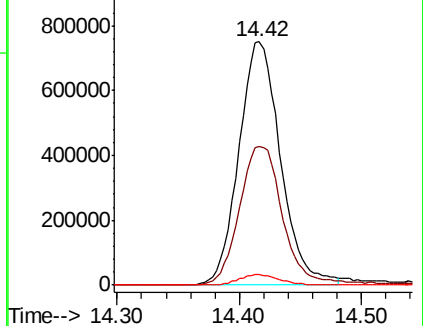
175 4.3 4.0 6.0

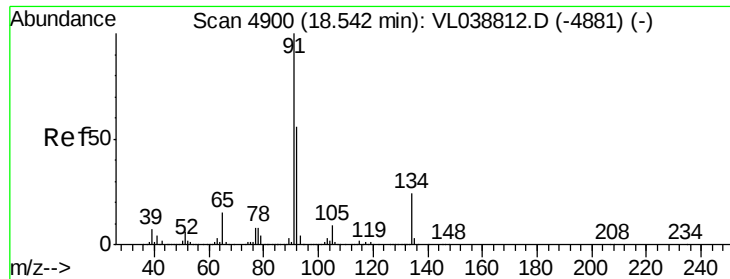


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

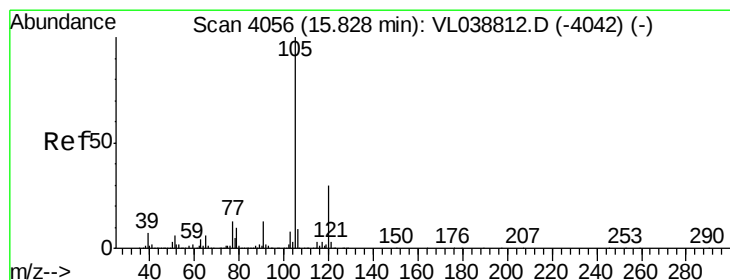
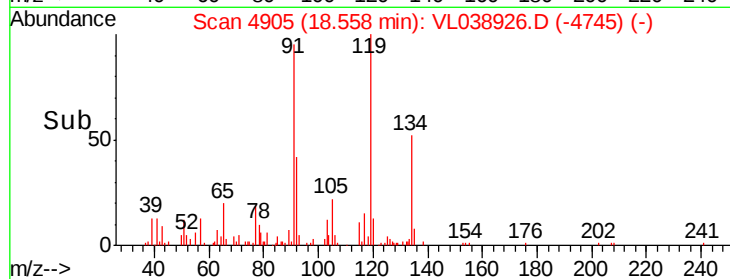
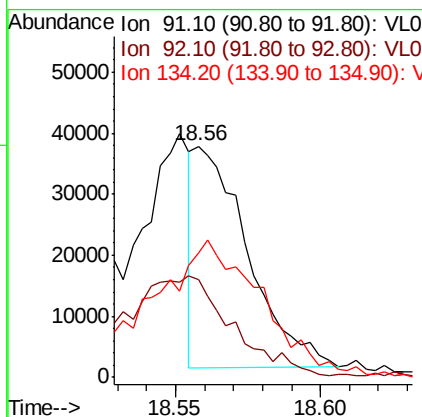
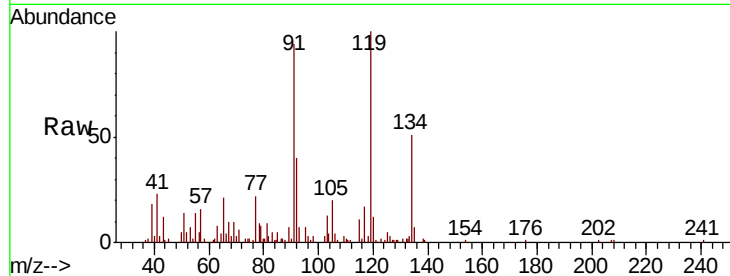
Ion 175.00 (174.70 to 175.70): V





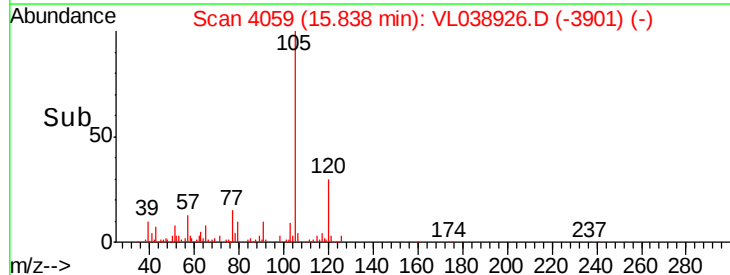
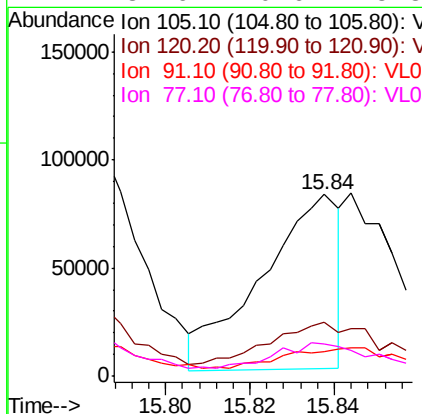
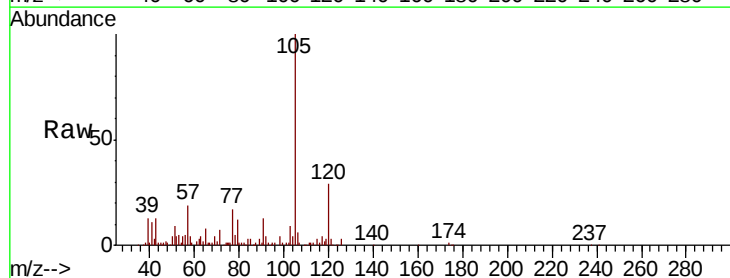
#70
n-Butylbenzene
Concen: 0.126 ppbv
RT: 18.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2022 20:43

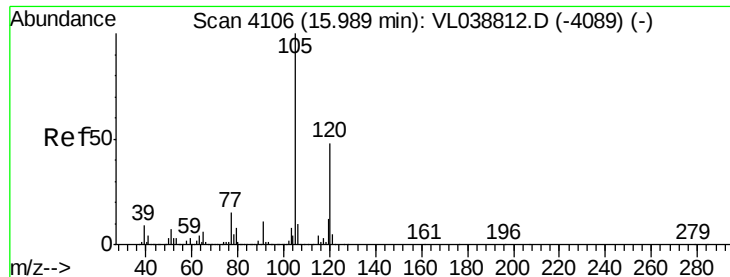
Tot Ion: 91 Resp: 46193
Ion Ratio Lower Upper
91 100
92 0.0 44.6 66.8#
134 157.5 19.2 28.8#



#72
4-Ethyltoluene
Concen: 0.367 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

Tgt Ion: 105 Resp: 103854
Ion Ratio Lower Upper
105 100
120 51.2 24.3 36.5#
91 0.0 9.4 14.2#
77 32.6 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.295 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

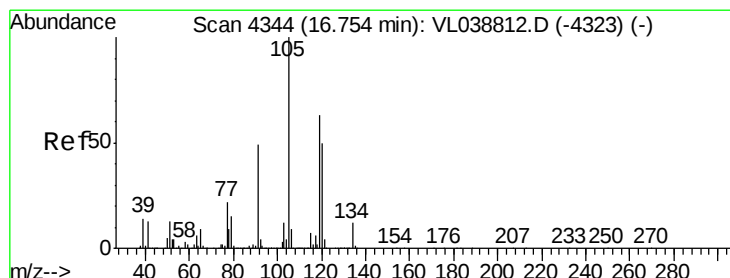
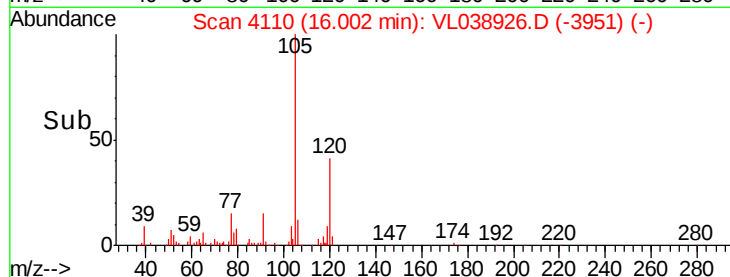
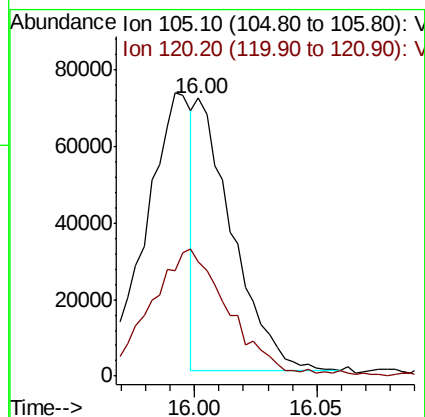
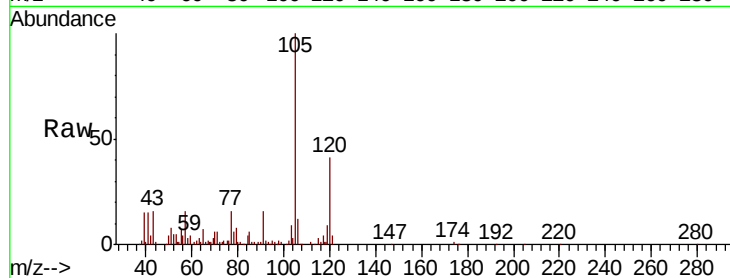
Acq: 14 Apr 2022 20:43

Tot Ion:105 Resp: 74791

Ion Ratio Lower Upper

105 100

120 39.9 38.7 58.1



#74

1,2,4-Trimethylbenzene

Concen: 2.285 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.01 min

Lab File: VL038926.D

Acq: 14 Apr 2022 20:43

Tgt Ion:105 Resp: 613164

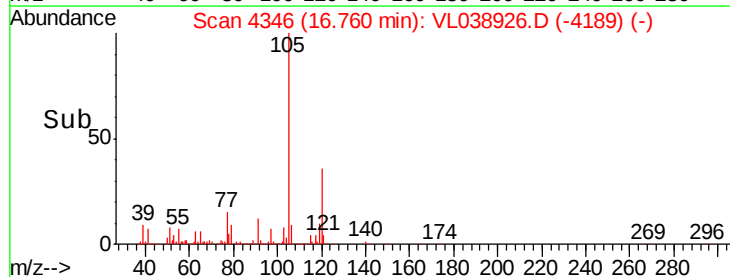
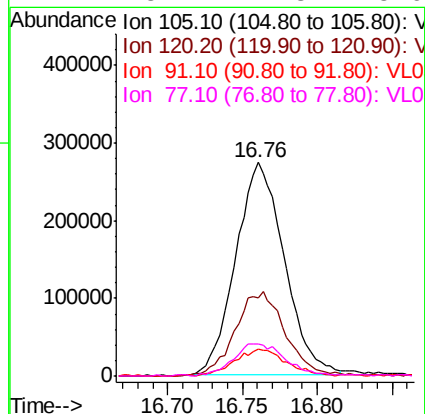
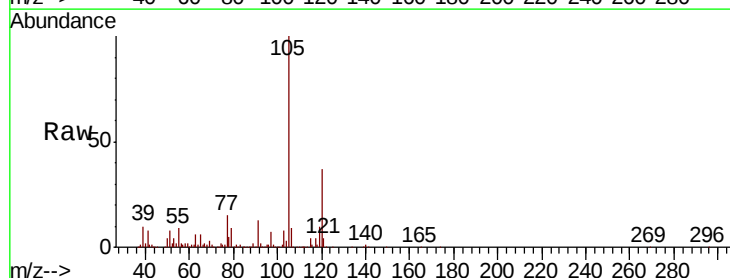
Ion Ratio Lower Upper

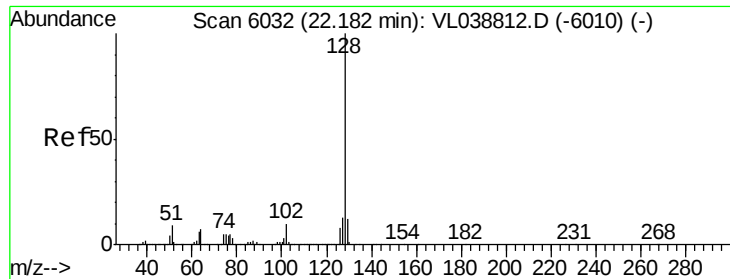
105 100

120 36.3 39.8 59.8#

91 12.1 39.4 59.0#

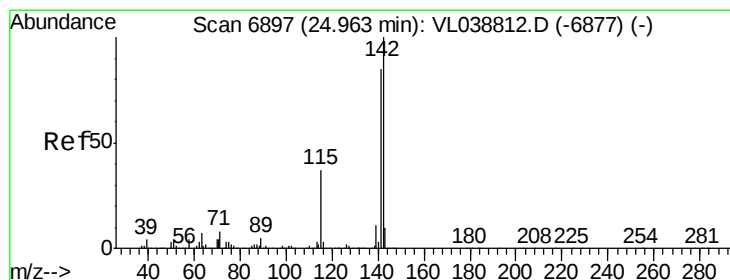
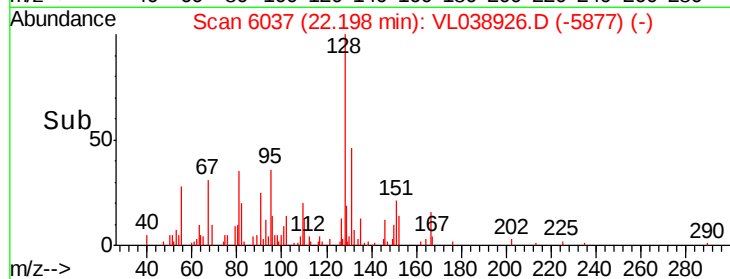
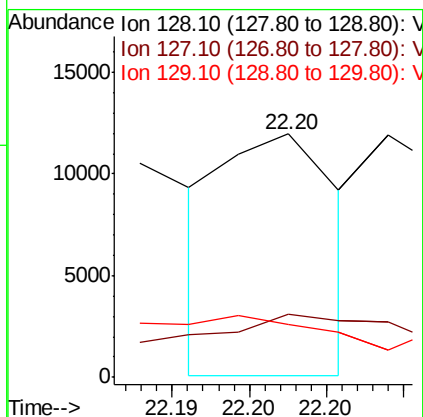
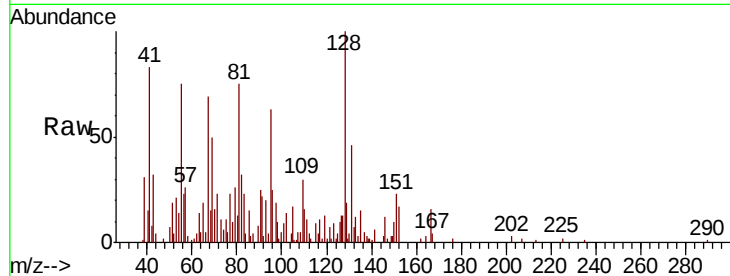
77 15.1 17.3 25.9#





#79
Naphthalene
Concen: 0.031 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL038926.D
Client Sample ID: 1165-19-SG-1
Acq: 14 Apr 2022 20:43

Tot Ion: 128 Resp: 6152
Ion Ratio Lower Upper
128 100
127 34.8 10.6 15.8#
129 13.2 9.4 14.0



#80
Naphthalene, 2-methyl-
Concen: 0.098 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: 0.01 min
Lab File: VL038926.D
Acq: 14 Apr 2022 20:43

Tgt Ion: 142 Resp: 4871
Ion Ratio Lower Upper
142 100
141 86.5 68.8 103.2
115 215.9 31.6 47.4#

