

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040469.D
 Acq On : 15 Jun 2023 16:01
 Operator : SY/MD
 Sample : 03250-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

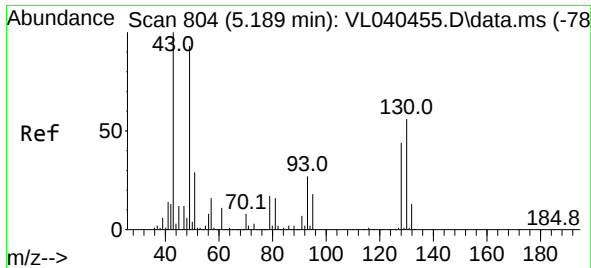
Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-02

Quant Time: Jun 16 05:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.201	49	1063731	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2698748	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2554248	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2144447	10.172	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	178906	0.773	ppbv	94
3) Chlorodifluoromethane	2.674	51	9339	0.054	ppbv	93
4) Chloromethane	2.812	50	15105	0.224	ppbv	97
7) Chloroethane	3.198	64	1137	0.045	ppbv	96
8) Dichlorotetrafluoroethane	2.729	85	178906	0.979	ppbv #	18
9) Propene	2.693	41	1698595	31.616	ppbv	93
10) Heptane	7.594	43	89709	0.738	ppbv	96
11) Trichlorofluoromethane	3.565	101	16356	0.087	ppbv	91
13) Ethanol	3.237	45	54763	4.922	ppbv #	31
15) Acetone	3.468	43	2197969	17.131	ppbv #	33
16) 1,3-Butadiene	2.967	39	1845210	29.548	ppbv #	22
17) tert-Butyl alcohol	3.880	59	811030	7.690	ppbv	100
19) Isopropyl Alcohol	3.581	45	9987	0.161	ppbv #	90
20) Methylene Chloride	3.938	84	332795	6.077	ppbv	97
21) Allyl Chloride	3.992	41	34345	0.474	ppbv #	1
23) Vinyl Acetate	4.661	43	85323	0.681	ppbv #	50
25) Ethyl Acetate	5.221	43	343630	1.478	ppbv #	78
26) Hexane	5.221	57	496250	4.508	ppbv #	39
27) Carbon Disulfide	4.131	76	22210	0.161	ppbv #	89
30) Cyclohexane	6.616	84	6325	0.071	ppbv #	1
34) 2-Butanone	4.787	43	4832922	37.137	ppbv	96
36) Benzene	6.378	78	160878	0.749	ppbv	97
39) 1,2-Dichloropropane	6.664	63	698393	8.439	ppbv #	25
41) Tetrahydrofuran	5.504	42	4438	0.062	ppbv #	38
44) 2,2,4-Trimethylpentane	7.340	57	158023	0.450	ppbv #	74
50) 4-Methyl-2-Pentanone	8.198	43	5933	0.034	ppbv #	39
51) 2-Hexanone	9.565	43	942207	7.787	ppbv	95
52) Tetrachloroethene	10.632	164	41532	0.616	ppbv	89
53) Toluene	9.233	91	226999	1.004	ppbv	98
58) Ethyl Benzene	12.111	91	45655	0.148	ppbv	92
59) m/p-Xylene	12.362	91	280006	0.984	ppbv	97
60) o-Xylene	13.076	91	168552	0.625	ppbv	98
70) n-Butylbenzene	17.908	91	14326	0.032	ppbv #	34
72) 4-Ethyltoluene	15.214	105	49878	0.164	ppbv #	83
73) 1,3,5-Trimethylbenzene	15.365	105	68494	0.255	ppbv	93
74) 1,2,4-Trimethylbenzene	16.121	105	305660	0.967	ppbv #	68
80) Naphthalene,2-methyl-	24.390	142	5836	0.107	ppbv #	66

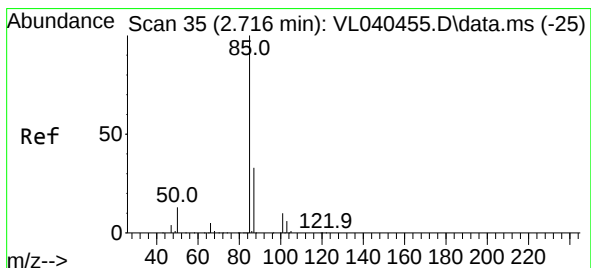
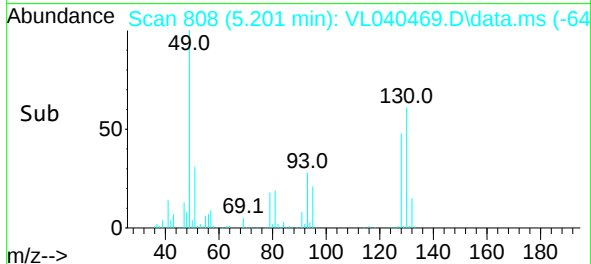
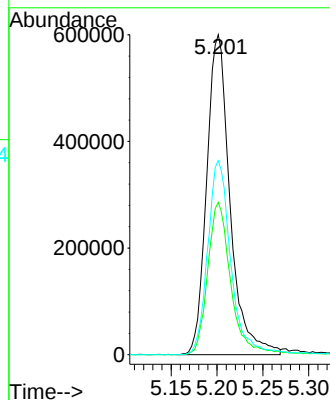
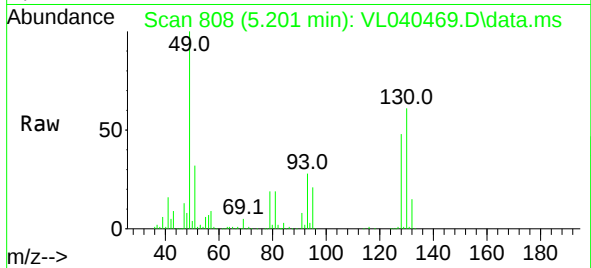
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

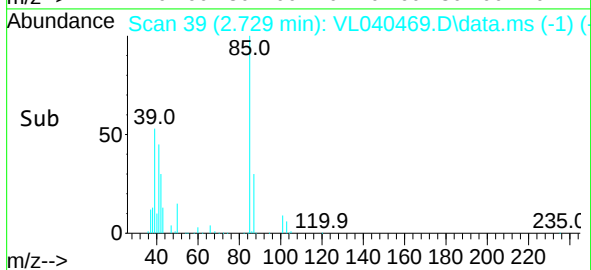
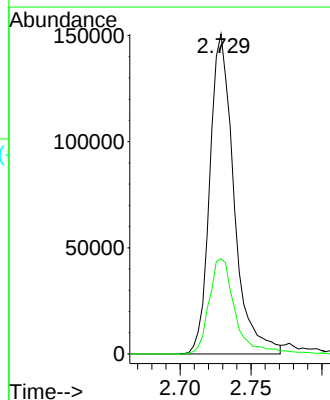
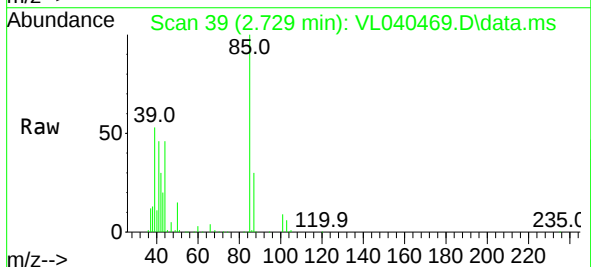
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

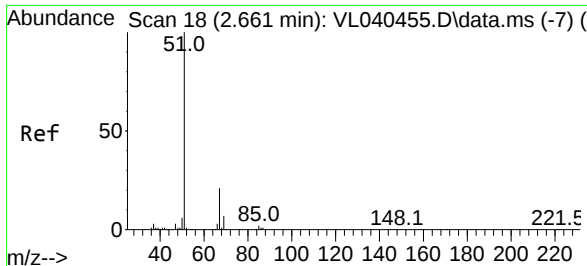
Tgt Ion: 49 Resp: 1063731
Ion Ratio Lower Upper
49 100
128 47.9 24.7 74.1
130 61.3 31.4 94.2



#2
Dichlorodifluoromethane
Concen: 0.773 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 85 Resp: 178906
Ion Ratio Lower Upper
85 100
87 29.8 26.6 39.8

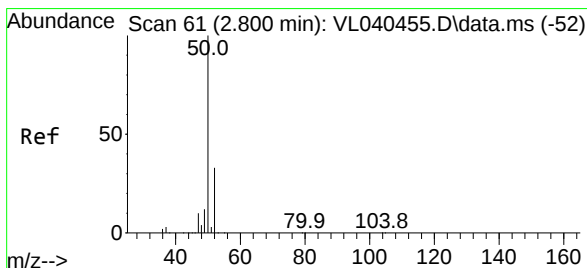
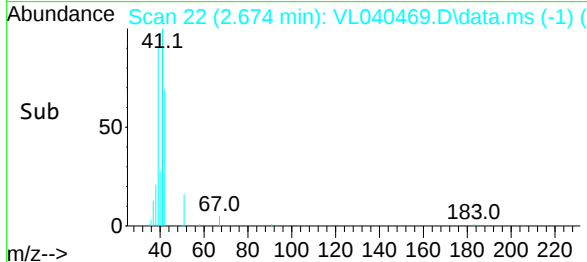
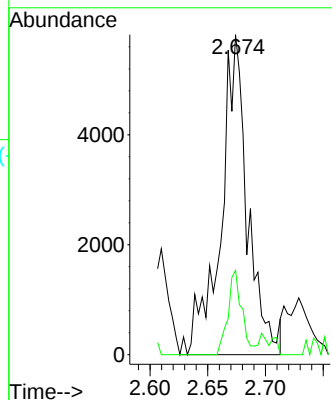
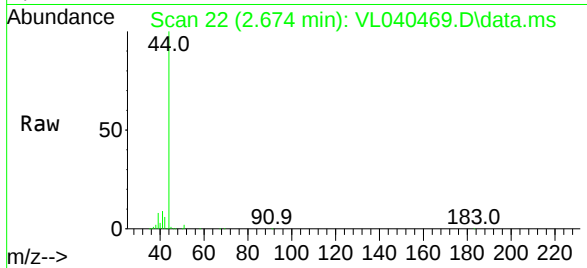




#3
Chlorodifluoromethane
Concen: 0.054 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

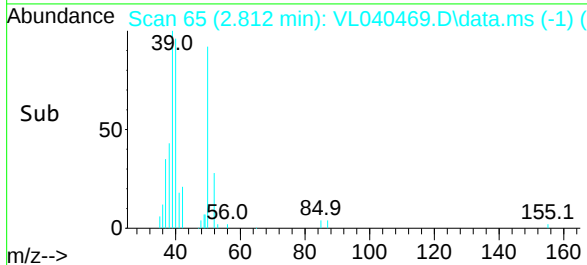
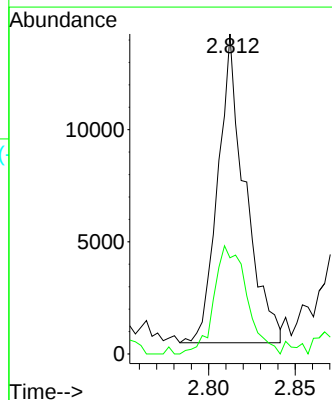
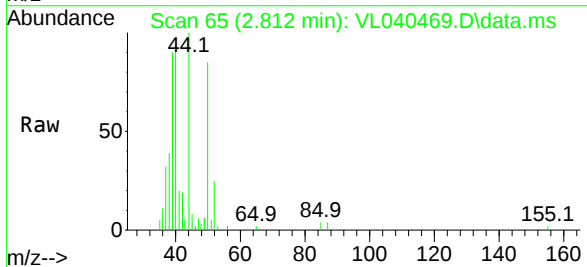
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ClientSampleId :
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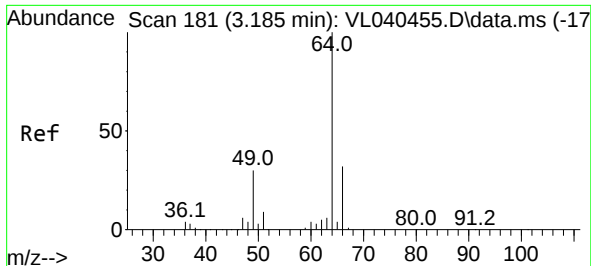
Tgt Ion: 51 Resp: 9339
Ion Ratio Lower Upper
51 100
67 17.1 16.3 24.5



#4
Chloromethane
Concen: 0.224 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 50 Resp: 15105
Ion Ratio Lower Upper
50 100
52 31.1 26.3 39.5

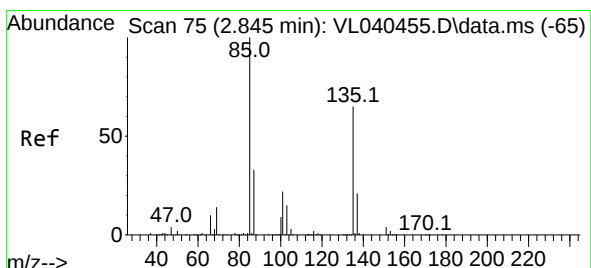
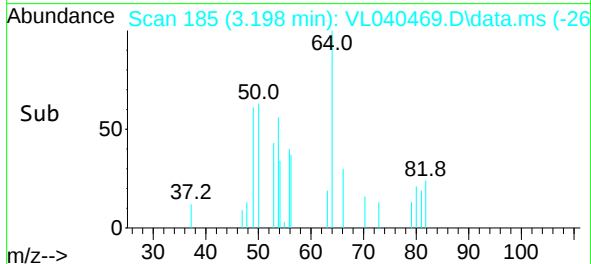
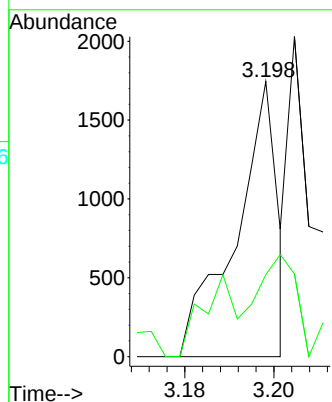
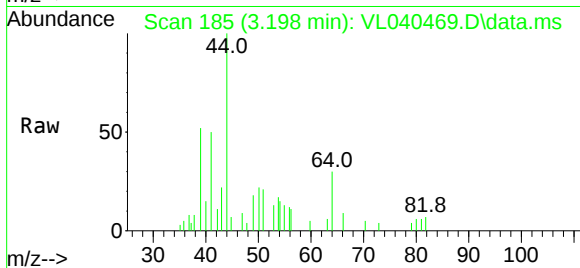




#7
Chloroethane
Concen: 0.045 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

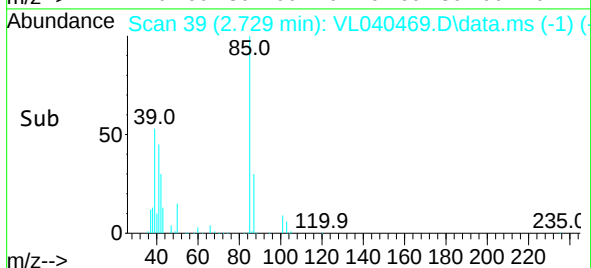
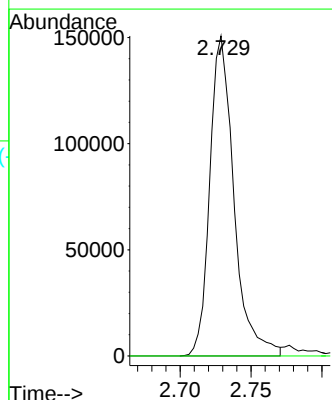
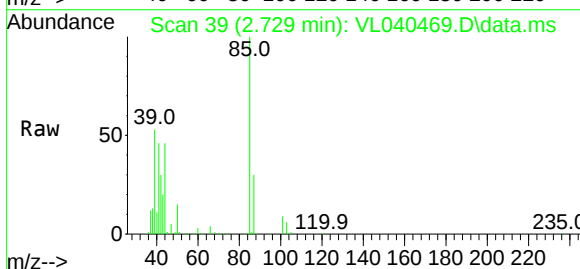
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ClientSampleId :
SVP-02

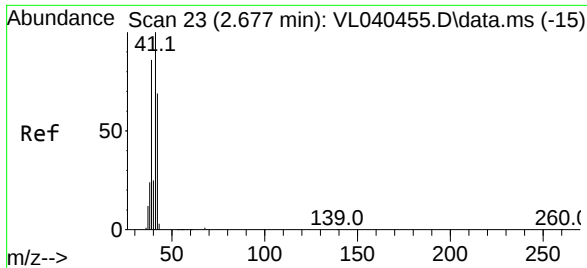
Tgt Ion: 64 Resp: 1137
Ion Ratio Lower Upper
64 100
66 29.7 25.6 38.4



#8
Dichlorotetrafluoroethane
Concen: 0.979 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.116 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 85 Resp: 178906
Ion Ratio Lower Upper
85 100
135 0.4 52.0 78.0#

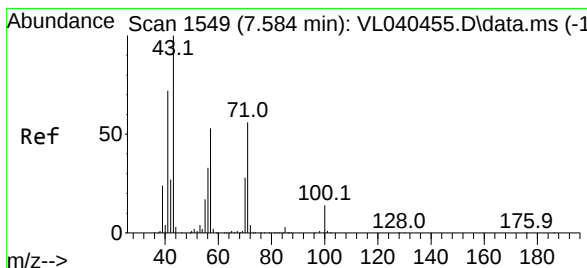
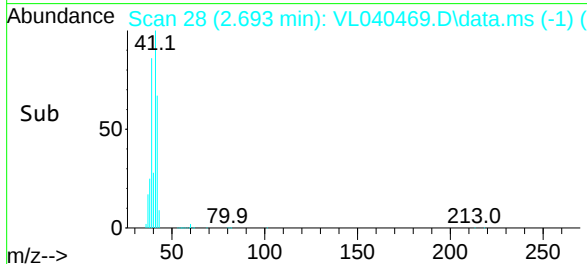
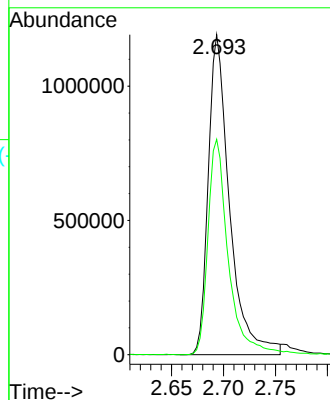
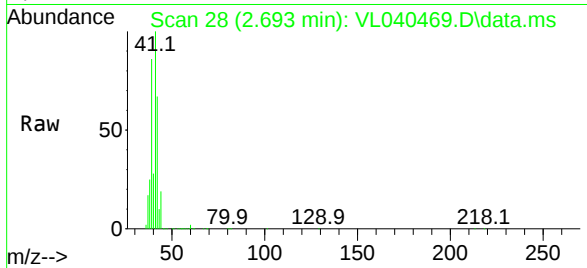




#9
 Propene
 Concen: 31.616 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VL040469.D
 Acq: 15 Jun 2023 16:01

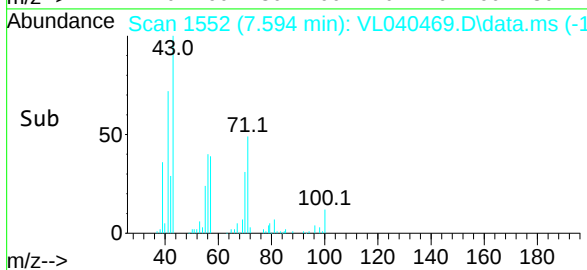
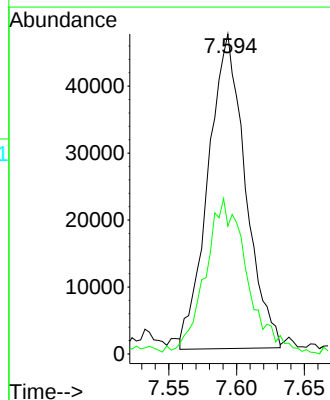
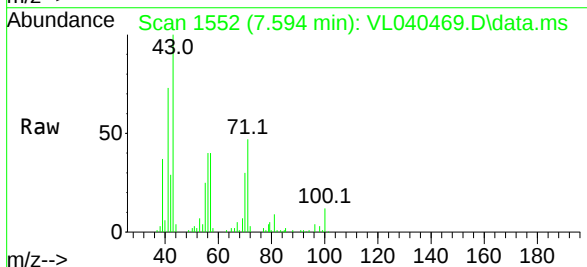
Instrument :
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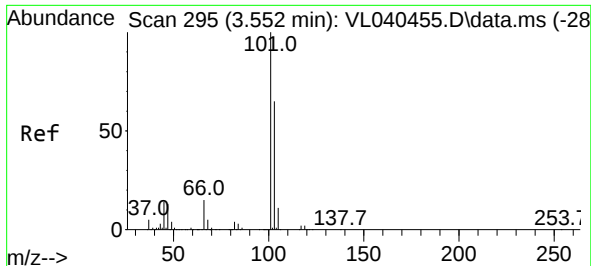
Tgt Ion: 41 Resp: 1698595
 Ion Ratio Lower Upper
 41 100
 42 64.7 56.2 84.2



#10
 Heptane
 Concen: 0.738 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.010 min
 Lab File: VL040469.D
 Acq: 15 Jun 2023 16:01

Tgt Ion: 43 Resp: 89709
 Ion Ratio Lower Upper
 43 100
 57 56.2 42.5 63.7

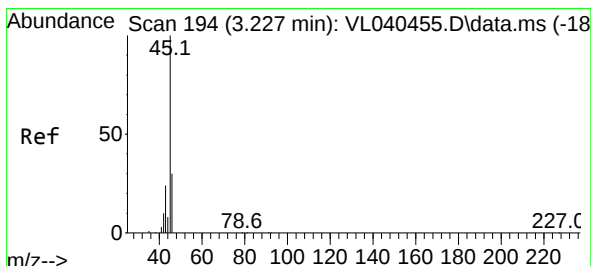
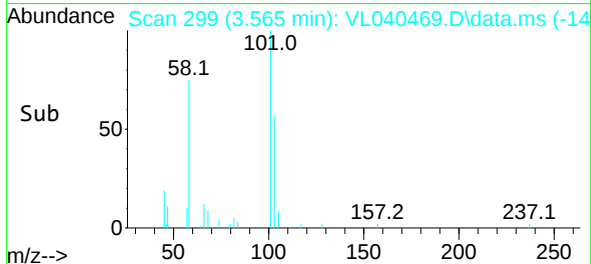
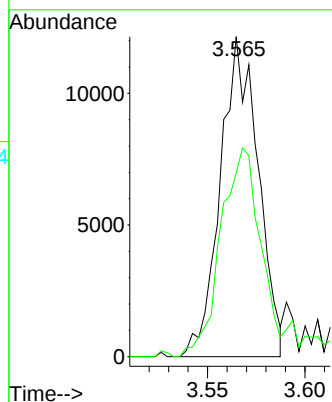
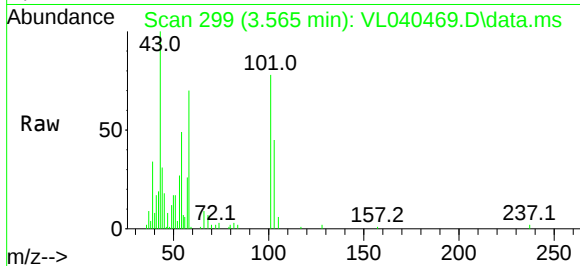




#11
 Trichlorofluoromethane
 Concen: 0.087 ppbv
 RT: 3.565 min Scan# 295
 Delta R.T. 0.013 min
 Lab File: VL040469.D
 Acq: 15 Jun 2023 16:01

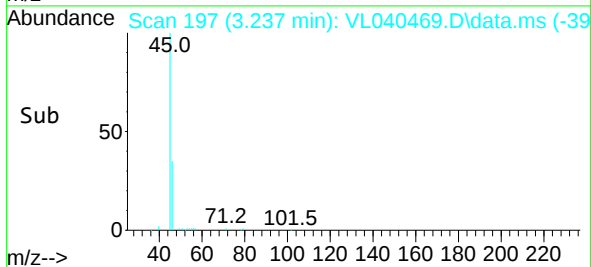
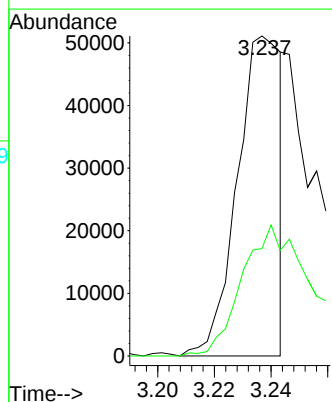
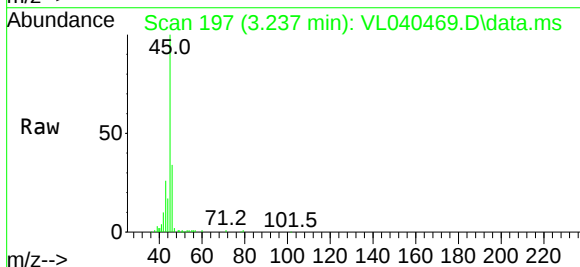
Instrument :
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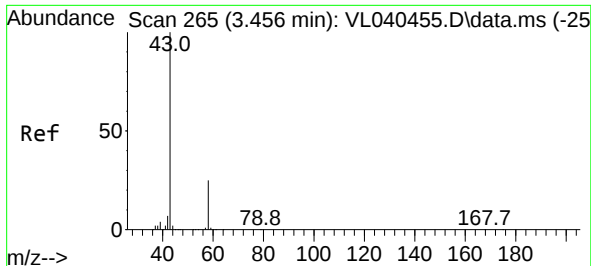
Tgt Ion:101 Resp: 16356
 Ion Ratio Lower Upper
 101 100
 103 57.4 51.7 77.5



#13
 Ethanol
 Concen: 4.922 ppbv
 RT: 3.237 min Scan# 197
 Delta R.T. 0.010 min
 Lab File: VL040469.D
 Acq: 15 Jun 2023 16:01

Tgt Ion: 45 Resp: 54763
 Ion Ratio Lower Upper
 45 100
 46 77.2 14.5 58.1#





#15

Acetone

Concen: 17.131 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.013 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

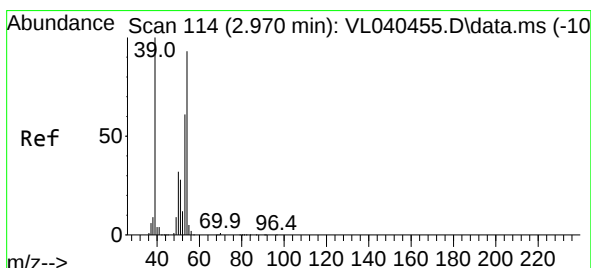
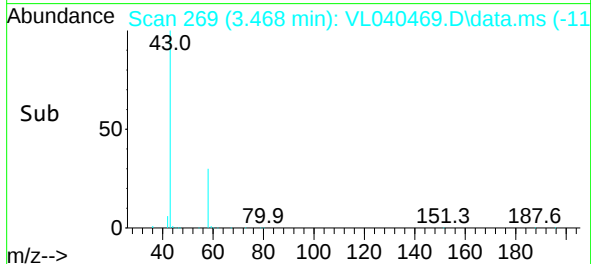
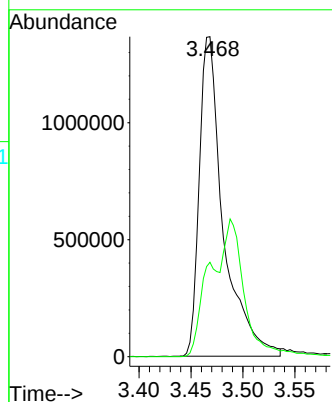
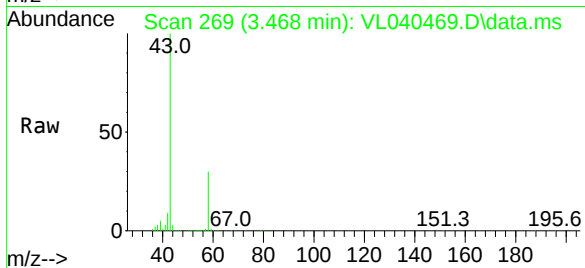
SVP-02

Tgt Ion: 43 Resp: 2197969

Ion Ratio Lower Upper

43 100

58 61.4 21.6 32.4#



#16

1,3-Butadiene

Concen: 29.548 ppbv

RT: 2.967 min Scan# 113

Delta R.T. -0.003 min

Lab File: VL040469.D

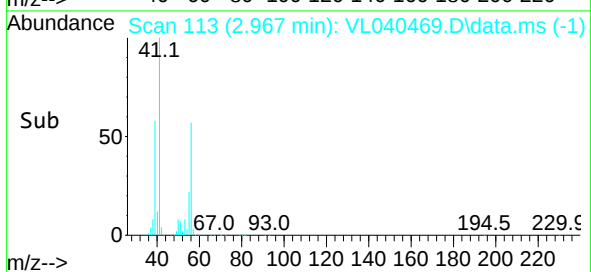
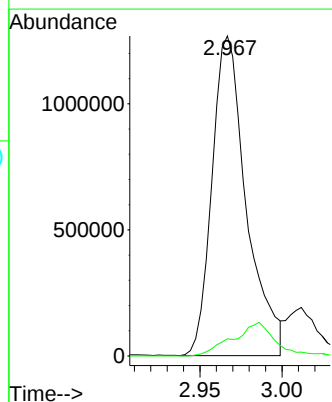
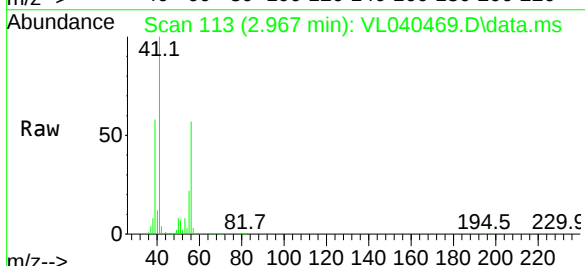
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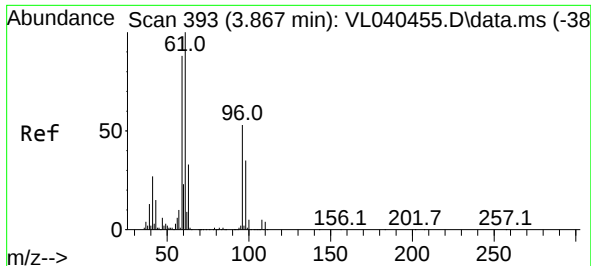
Tgt Ion: 39 Resp: 1845210

Ion Ratio Lower Upper

39 100

54 13.1 66.9 100.3#





#17

tert-Butyl alcohol

Concen: 7.690 ppbv

RT: 3.880 min Scan# 393

Delta R.T. 0.013 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

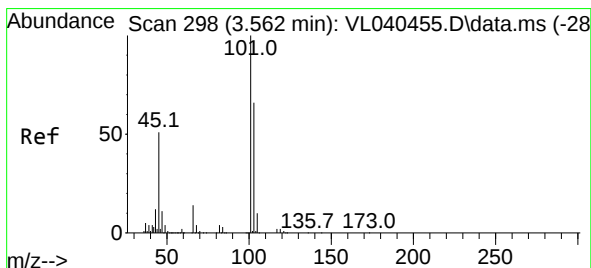
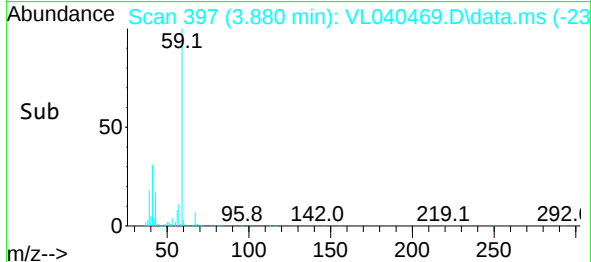
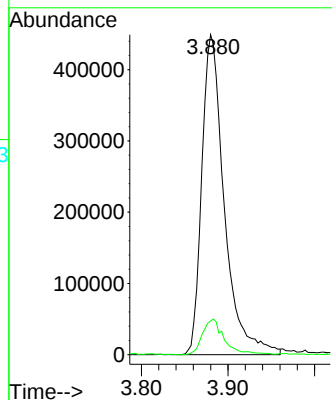
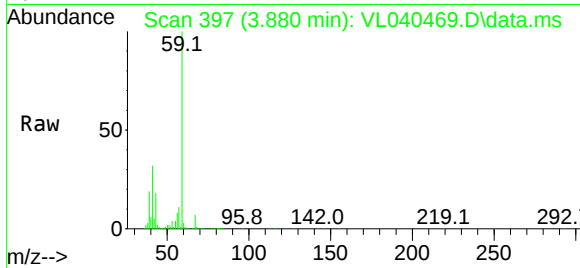
SVP-02

Tgt Ion: 59 Resp: 811030

Ion Ratio Lower Upper

59 100

57 10.9 8.8 13.2



#19

Isopropyl Alcohol

Concen: 0.161 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.019 min

Lab File: VL040469.D

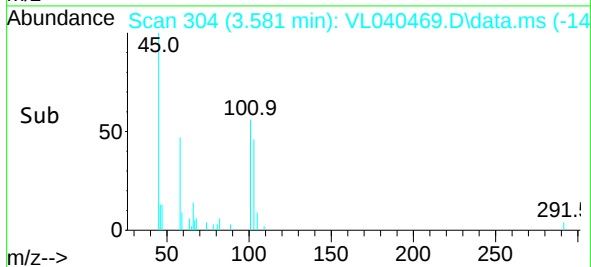
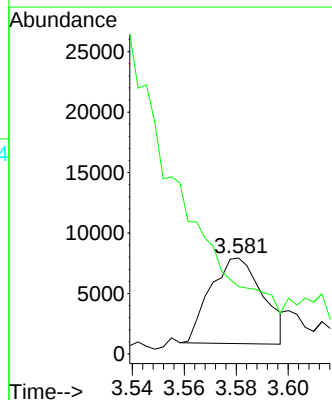
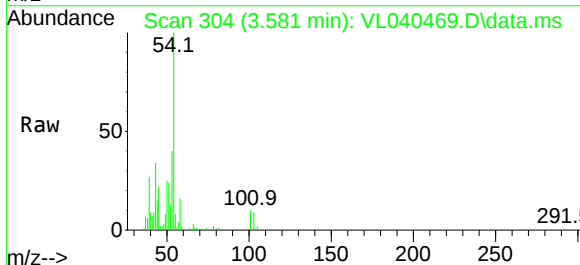
Acq: 15 Jun 2023 16:01

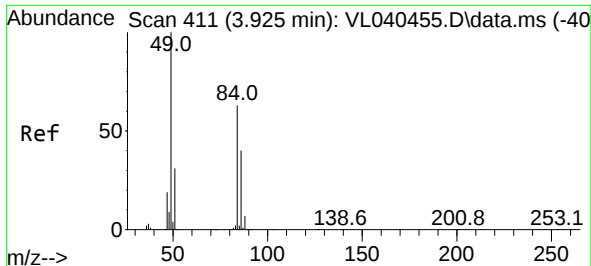
Tgt Ion: 45 Resp: 9987

Ion Ratio Lower Upper

45 100

58 0.0 2.6 4.0#

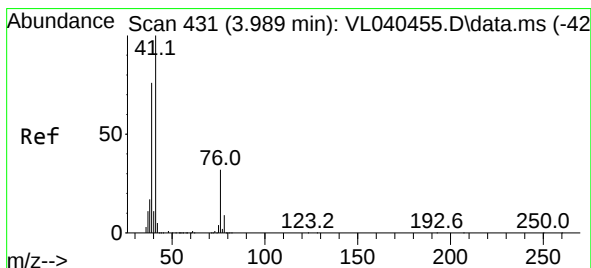
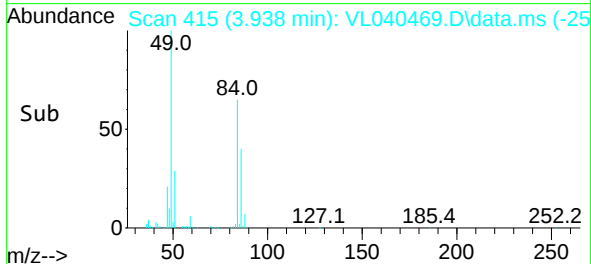
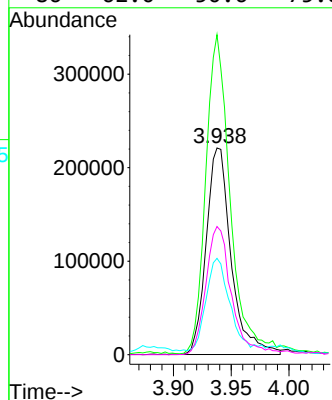
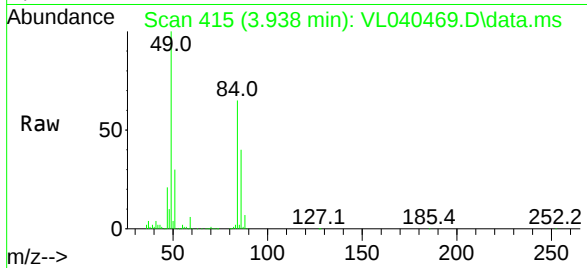




#20
Methylene Chloride
Concen: 6.077 ppbv
RT: 3.938 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

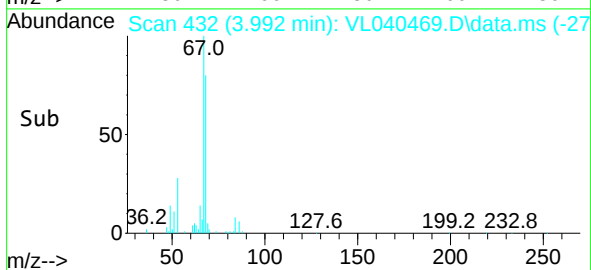
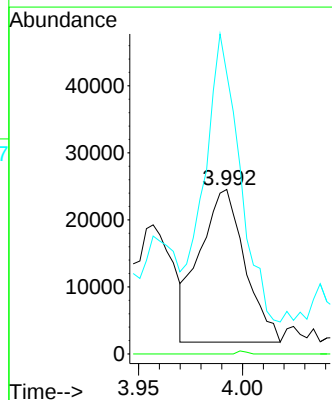
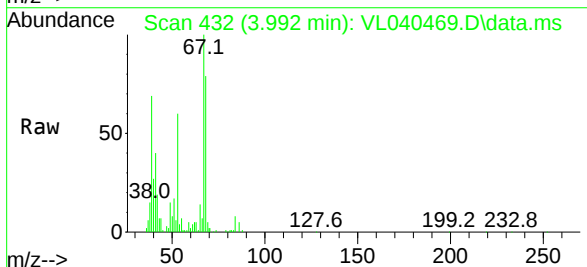
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

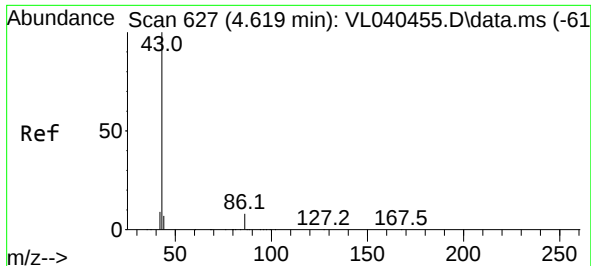
Tgt Ion: 84 Resp: 332795
Ion Ratio Lower Upper
84 100
49 154.4 126.2 189.2
51 44.7 38.7 58.1
86 62.0 50.6 75.8



#21
Allyl Chloride
Concen: 0.474 ppbv
RT: 3.992 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 41 Resp: 34345
Ion Ratio Lower Upper
41 100
76 0.0 26.1 39.1#
39 194.0 63.9 95.9#

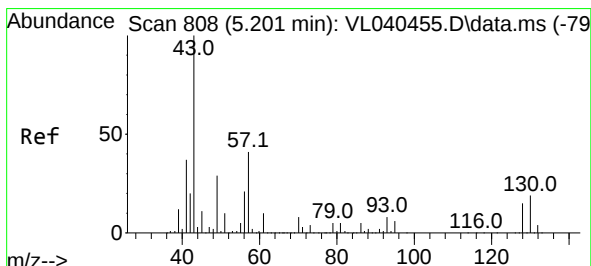
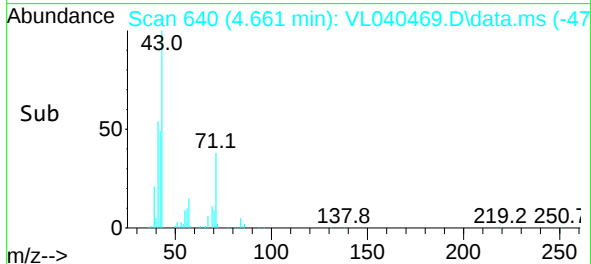
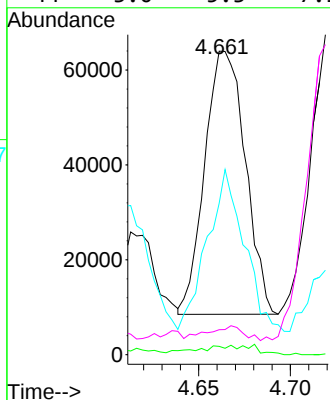
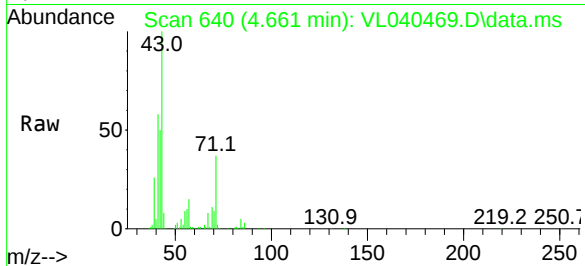




#23
 Vinyl Acetate
 Concen: 0.681 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. 0.042 min
 Lab File: VL040469.D
 Acq: 15 Jun 2023 16:01

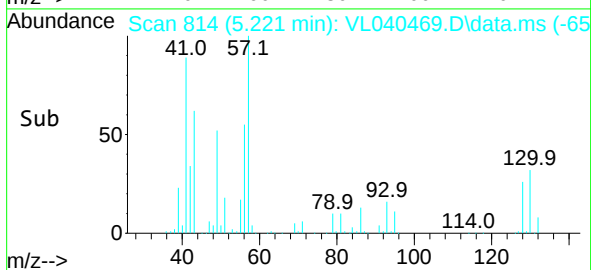
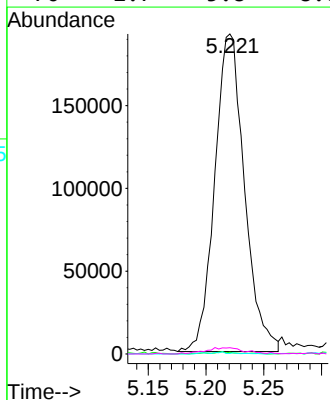
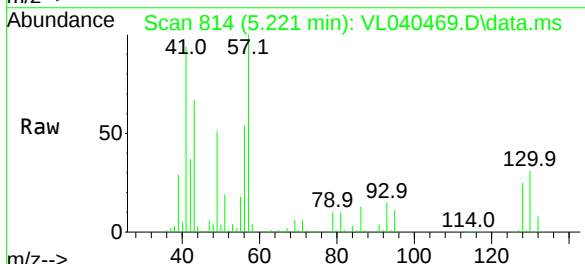
Instrument :
 MSVOA_1
 ClientSampleId :
 SVP-02

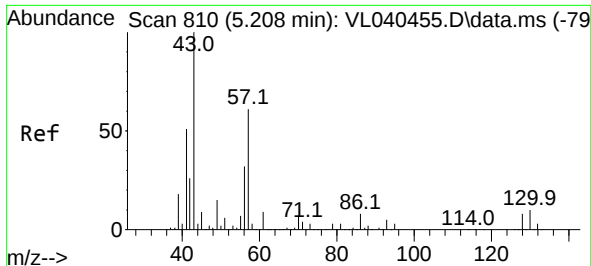
Tgt Ion: 43 Resp: 85323
 Ion Ratio Lower Upper
 43 100
 86 2.6 5.8 8.6#
 42 47.9 7.4 11.2#
 44 3.0 5.3 7.9#



#25
 Ethyl Acetate
 Concen: 1.478 ppbv
 RT: 5.221 min Scan# 814
 Delta R.T. 0.019 min
 Lab File: VL040469.D
 Acq: 15 Jun 2023 16:01

Tgt Ion: 43 Resp: 343630
 Ion Ratio Lower Upper
 43 100
 45 0.6 8.0 12.0#
 61 0.5 8.1 12.1#
 70 2.7 5.8 8.6#

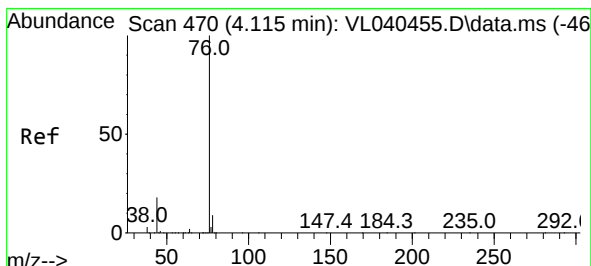
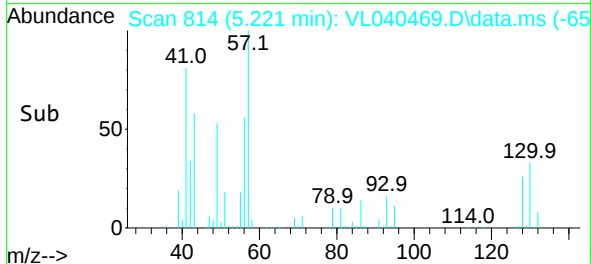
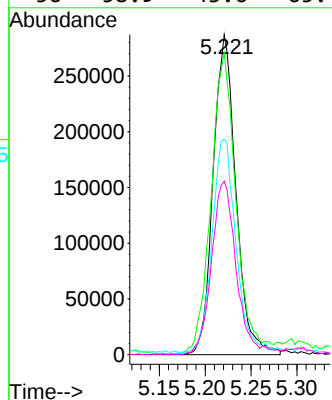
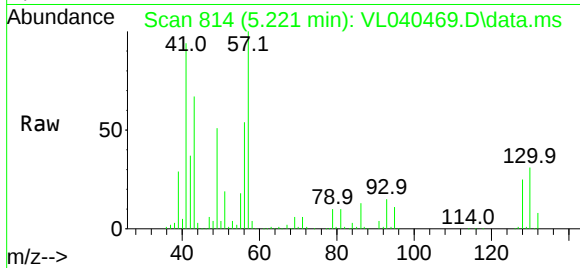




#26
Hexane
Concen: 4.508 ppbv
RT: 5.221 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

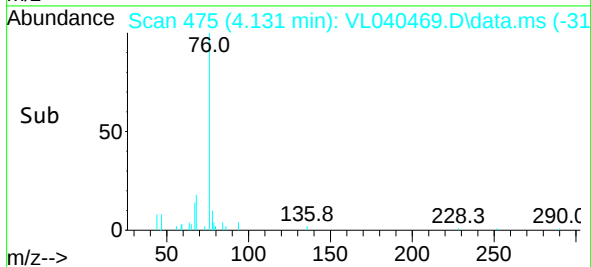
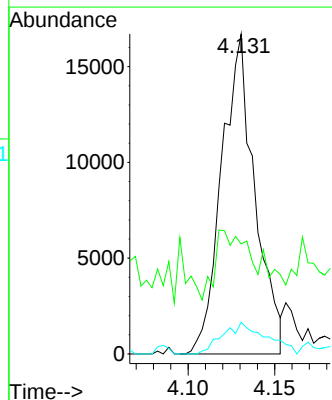
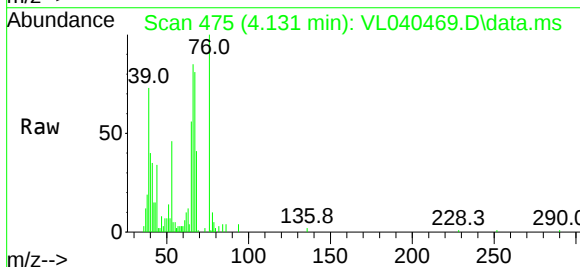
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

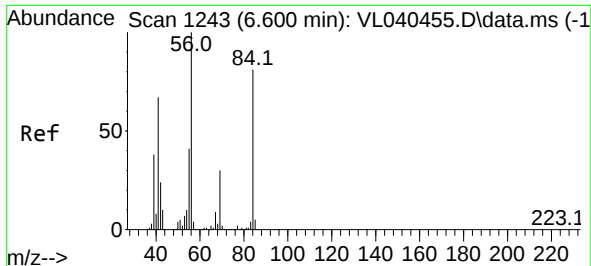
Tgt Ion: 57 Resp: 496250
Ion Ratio Lower Upper
57 100
41 108.4 73.0 109.6
43 72.4 177.5 266.3#
56 58.9 43.6 65.4



#27
Carbon Disulfide
Concen: 0.161 ppbv
RT: 4.131 min Scan# 475
Delta R.T. 0.016 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 76 Resp: 22210
Ion Ratio Lower Upper
76 100
44 23.8 14.6 22.0#
78 12.9 7.6 11.4#

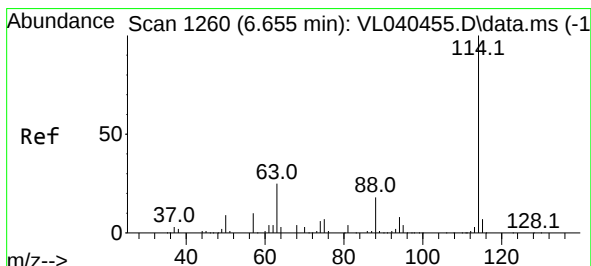
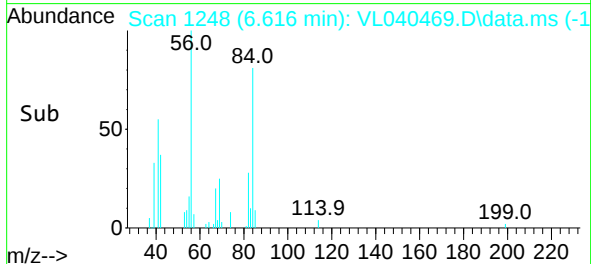
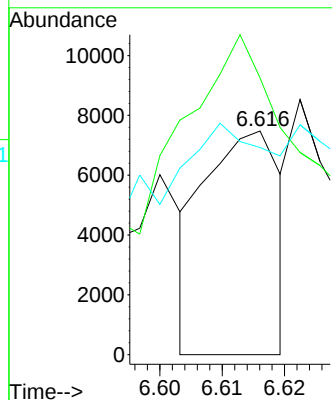
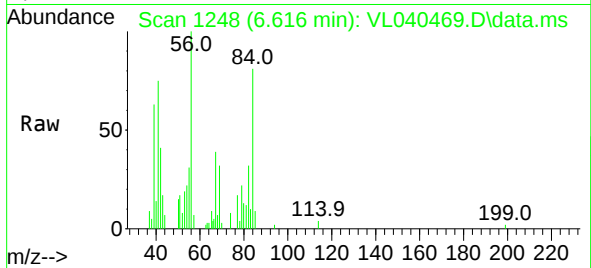




#30
Cyclohexane
Concen: 0.071 ppbv
RT: 6.616 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

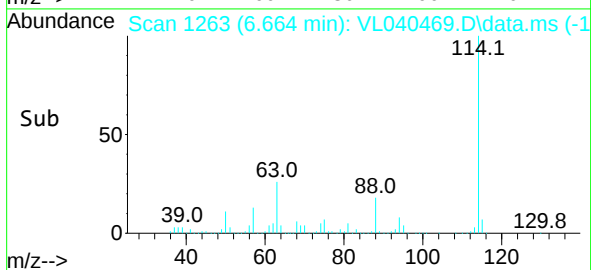
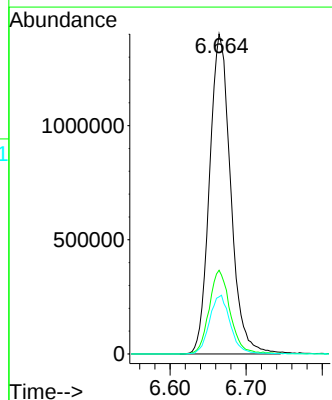
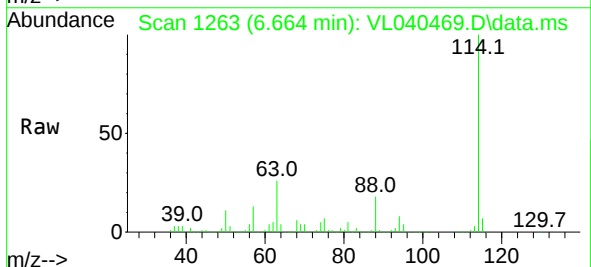
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

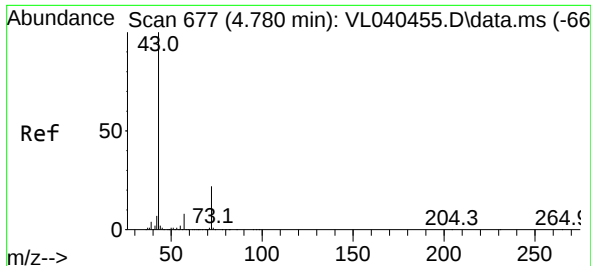
Tgt Ion: 84 Resp: 6325
Ion Ratio Lower Upper
84 100
56 0.0 106.0 159.0#
41 0.0 66.8 100.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 114 Resp: 2698748
Ion Ratio Lower Upper
114 100
63 26.3 21.0 31.6
88 18.2 14.5 21.7

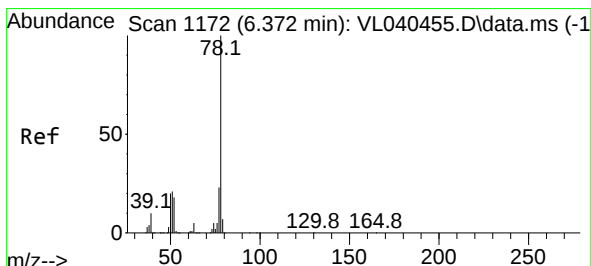
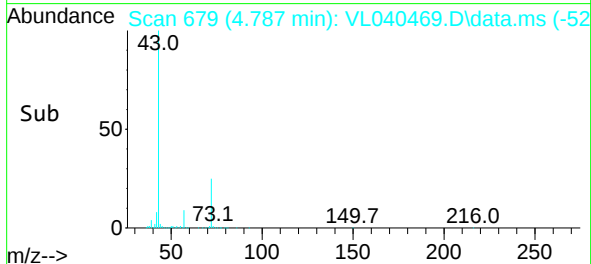
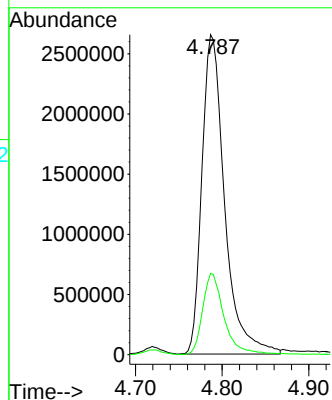
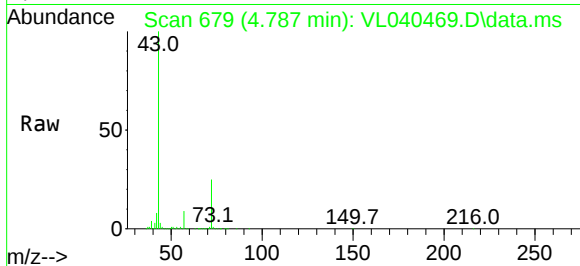




#34
2-Butanone
Concen: 37.137 ppbv
RT: 4.787 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

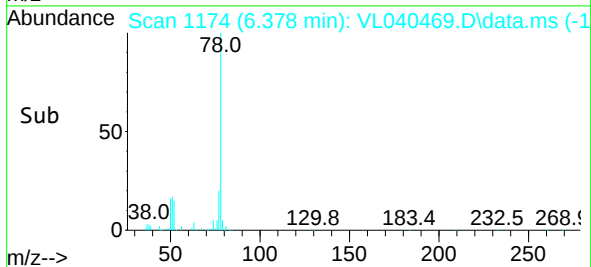
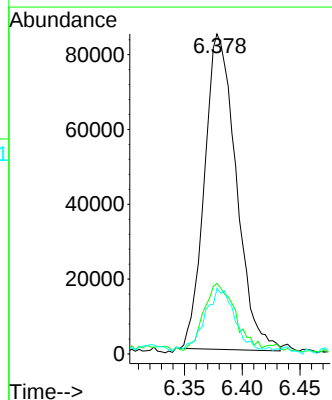
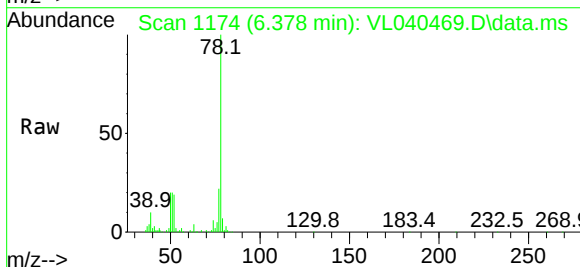
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

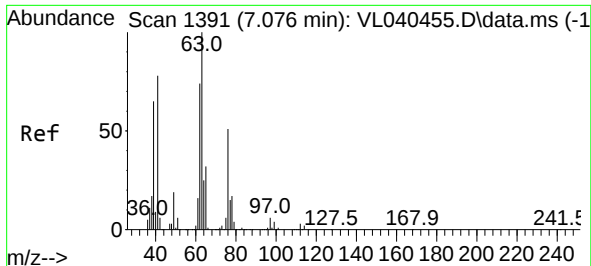
Tgt Ion: 43 Resp: 4832922
Ion Ratio Lower Upper
43 100
72 24.4 18.1 27.1



#36
Benzene
Concen: 0.749 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 78 Resp: 160878
Ion Ratio Lower Upper
78 100
77 21.1 18.5 27.7
50 19.5 16.1 24.1





#39

1,2-Dichloropropane

Concen: 8.439 ppbv

RT: 6.664 min Scan# 1

Delta R.T. -0.412 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

SVP-02

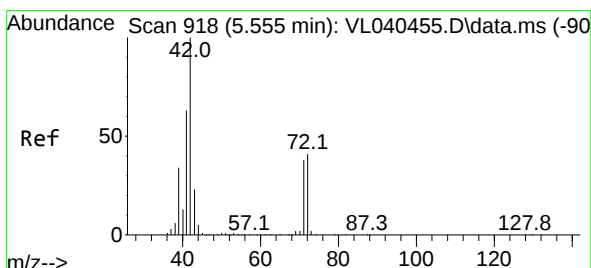
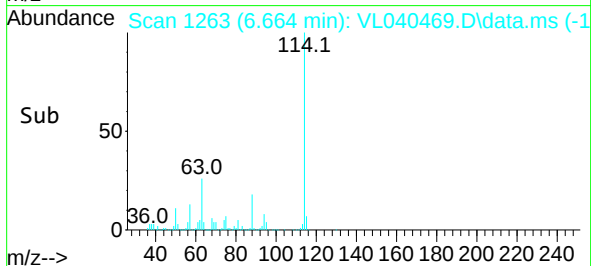
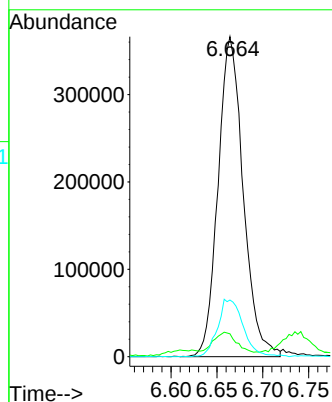
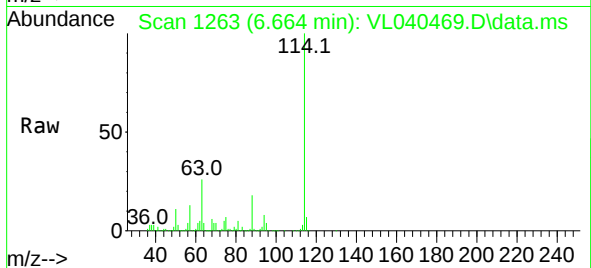
Tgt Ion: 63 Resp: 698393

Ion Ratio Lower Upper

63 100

41 5.1 62.2 93.2#

62 17.6 59.0 88.4#



#41

Tetrahydrofuran

Concen: 0.062 ppbv

RT: 5.504 min Scan# 902

Delta R.T. -0.052 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

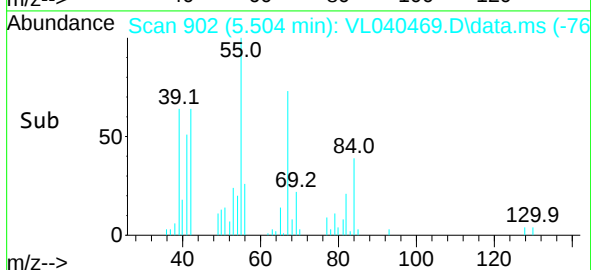
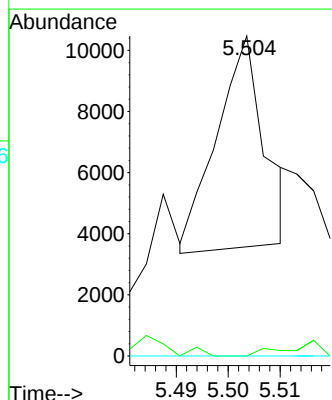
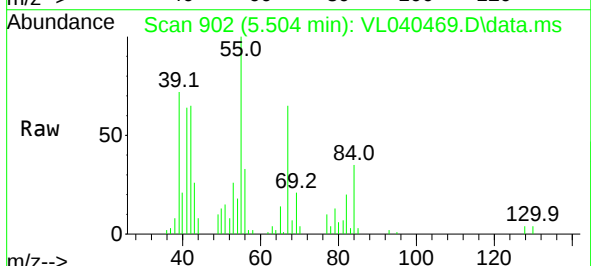
Tgt Ion: 42 Resp: 4438

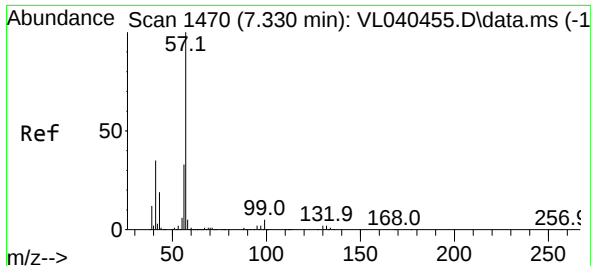
Ion Ratio Lower Upper

42 100

72 4.8 33.8 50.8#

71 0.0 32.3 48.5#



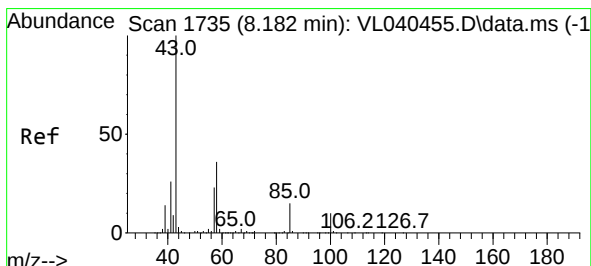
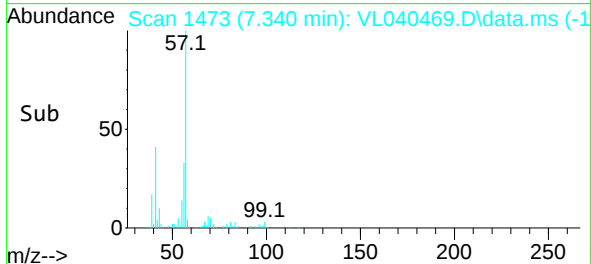
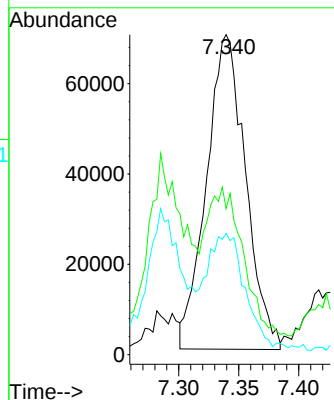
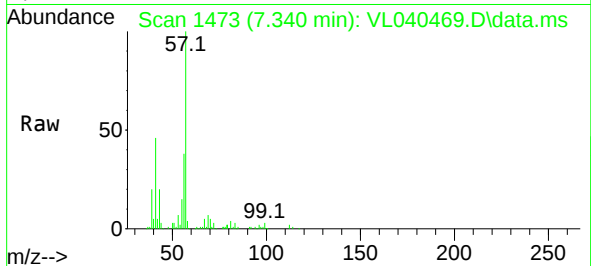


#44
2,2,4-Trimethylpentane
Concen: 0.450 ppbv
RT: 7.340 min Scan# 1470
Delta R.T. 0.010 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Instrument : MSVOA_1
ClientSampleId : SVP-02

Tgt Ion: 57 Resp: 158023

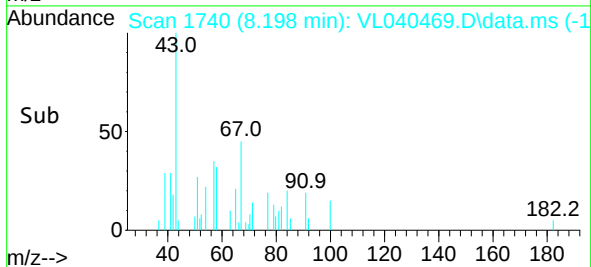
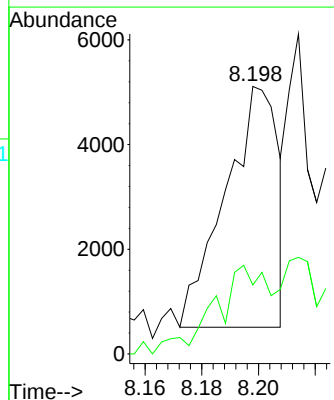
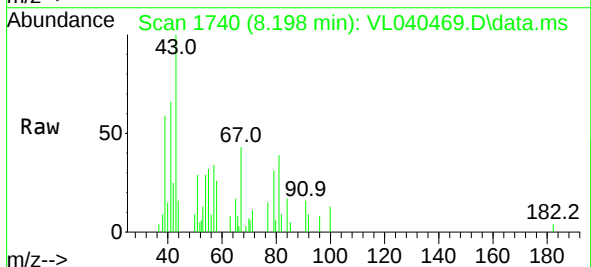
Ion	Ratio	Lower	Upper
57	100		
41	54.3	27.8	41.8#
56	40.8	25.3	37.9#

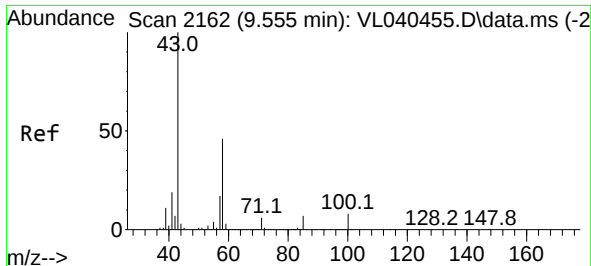


#50
4-Methyl-2-Pentanone
Concen: 0.034 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.016 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 43 Resp: 5933

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.4#

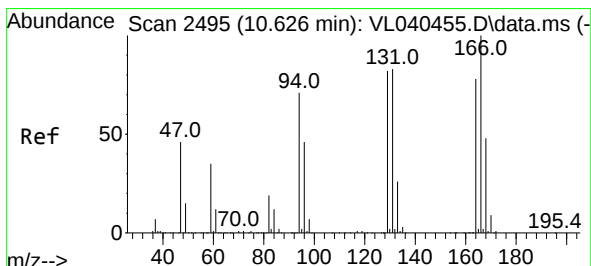
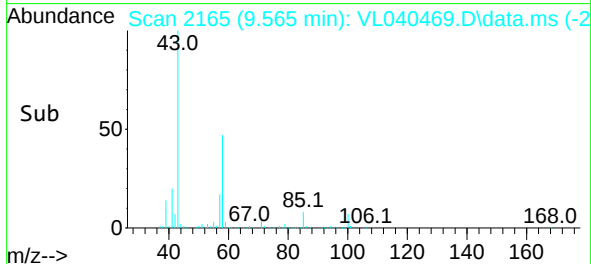
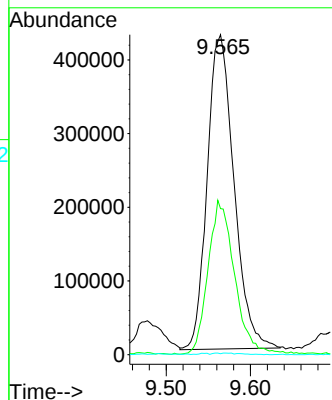
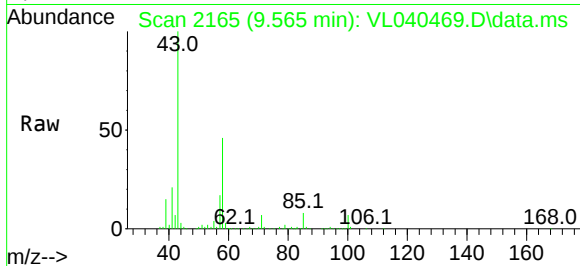




#51
2-Hexanone
Concen: 7.787 ppbv
RT: 9.565 min Scan# 2165
Delta R.T. 0.010 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

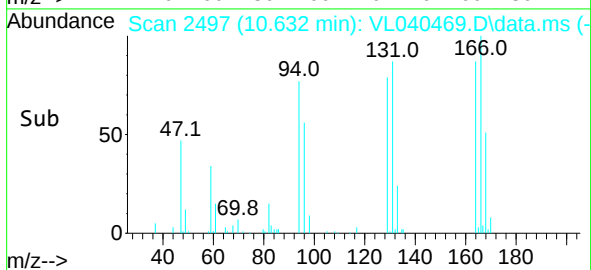
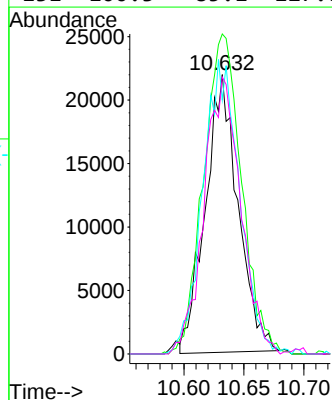
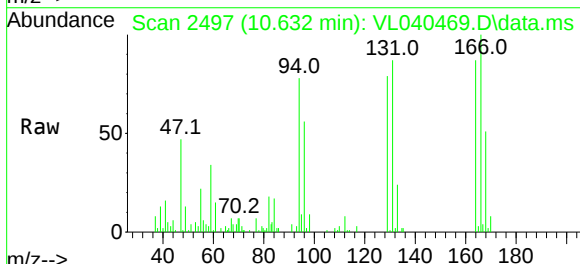
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

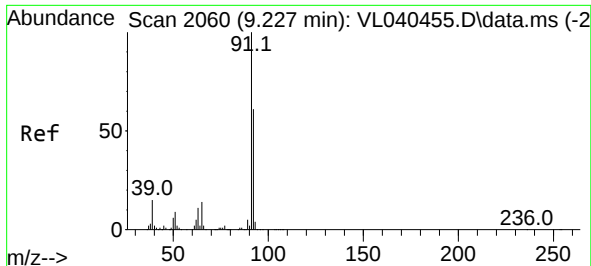
Tgt Ion: 43 Resp: 942207
Ion Ratio Lower Upper
43 100
58 49.6 37.1 55.7
98 0.7 0.5 0.7



#52
Tetrachloroethene
Concen: 0.616 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 164 Resp: 41532
Ion Ratio Lower Upper
164 100
166 114.5 102.7 154.1
129 90.9 84.6 126.8
131 100.3 85.1 127.7

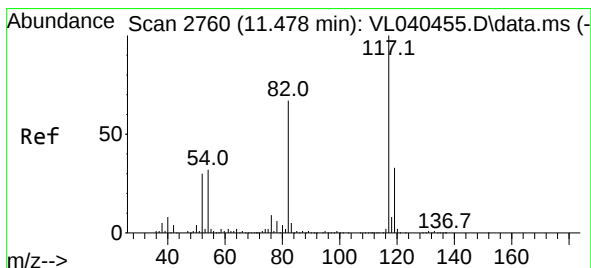
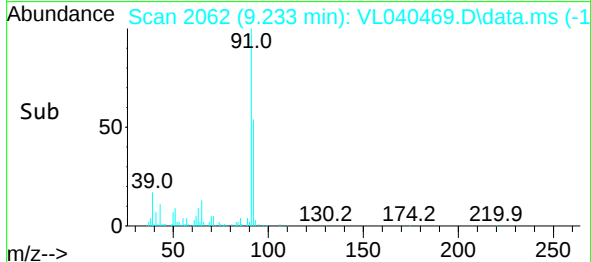
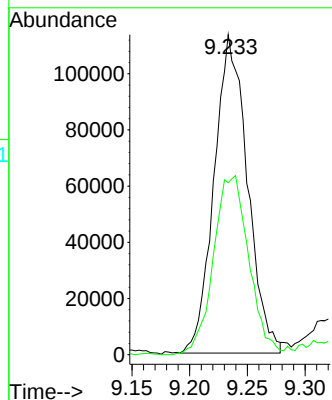
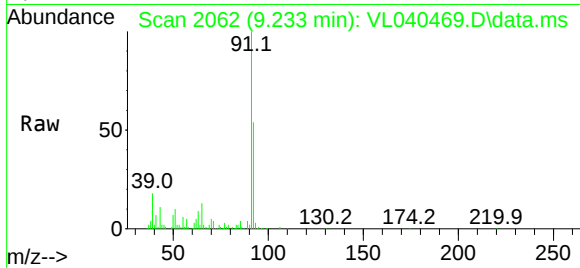




#53
Toluene
Concen: 1.004 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

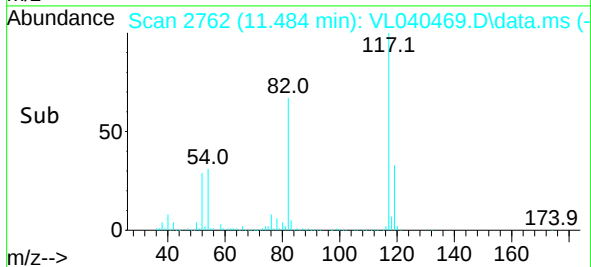
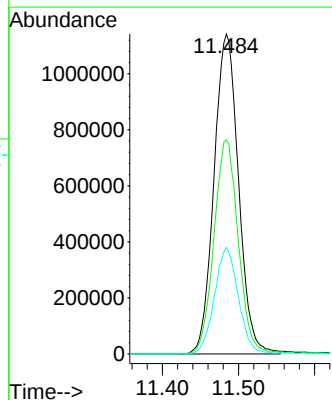
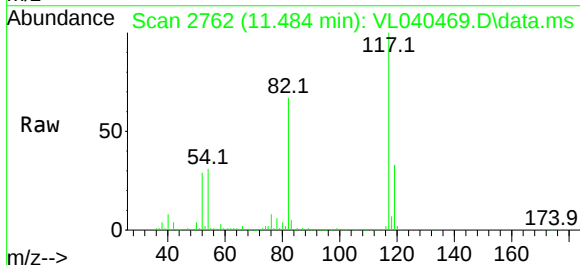
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

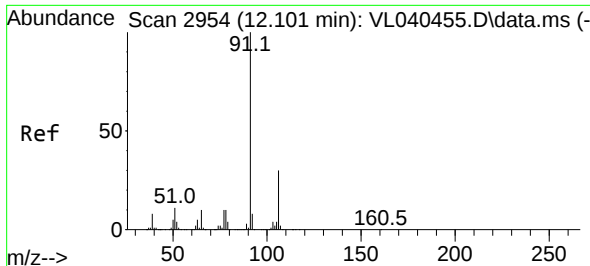
Tgt Ion: 91 Resp: 226999
Ion Ratio Lower Upper
91 100
92 60.2 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 117 Resp: 2554248
Ion Ratio Lower Upper
117 100
82 66.4 53.0 79.4
119 32.8 24.4 36.6





#58

Ethyl Benzene

Concen: 0.148 ppbv

RT: 12.111 min Scan# 2954

Delta R.T. 0.010 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

Instrument :

MSVOA_1

ClientSampleId :

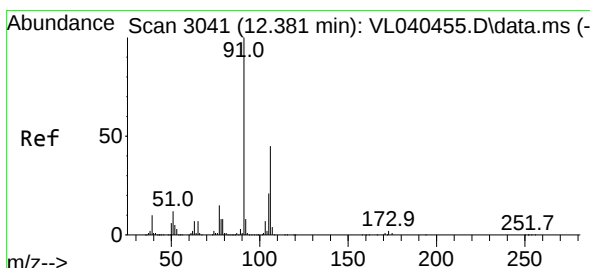
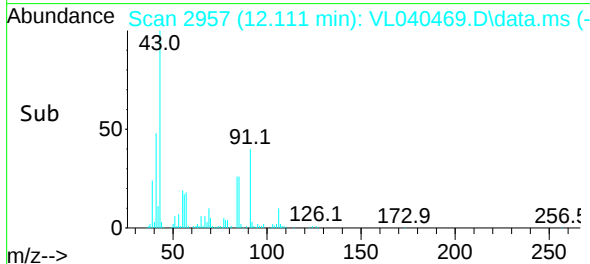
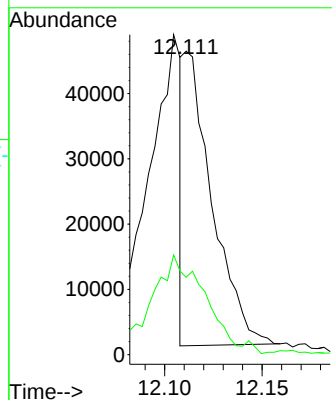
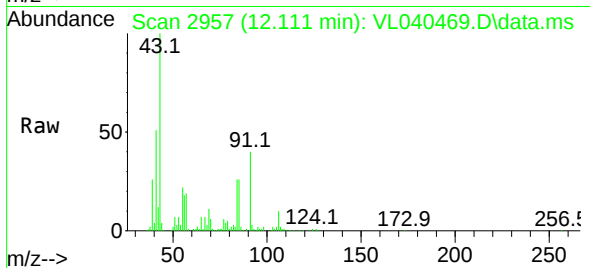
SVP-02

Tgt Ion: 91 Resp: 45655

Ion Ratio Lower Upper

91 100

106 25.1 23.7 35.5



#59

m/p-Xylene

Concen: 0.984 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. -0.019 min

Lab File: VL040469.D

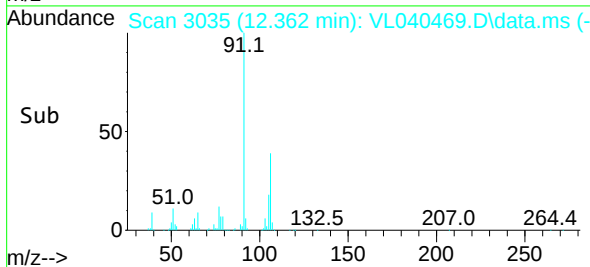
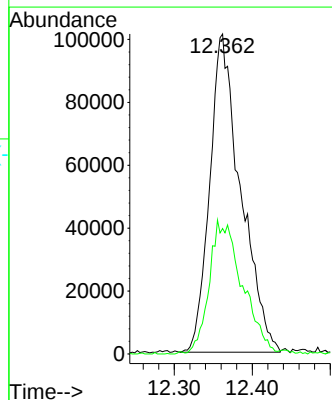
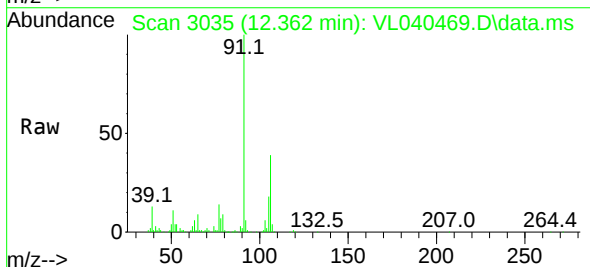
Acq: 15 Jun 2023 16:01

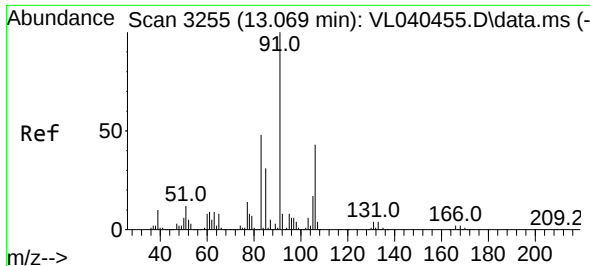
Tgt Ion: 91 Resp: 280006

Ion Ratio Lower Upper

91 100

106 45.3 34.6 52.0

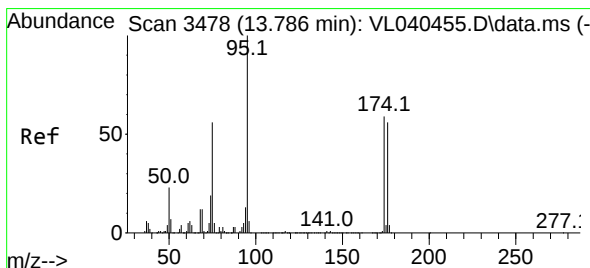
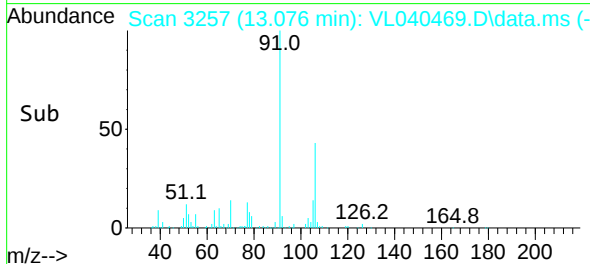
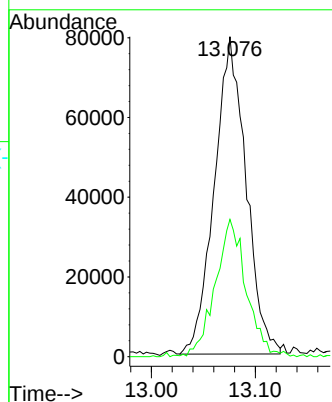
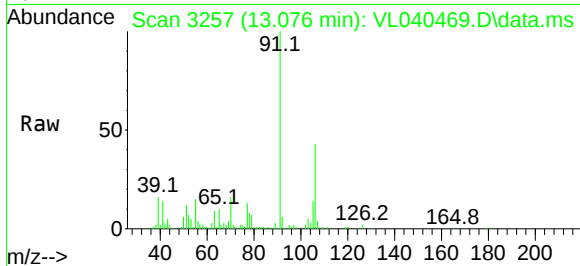




#60
o-Xylene
Concen: 0.625 ppbv
RT: 13.076 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

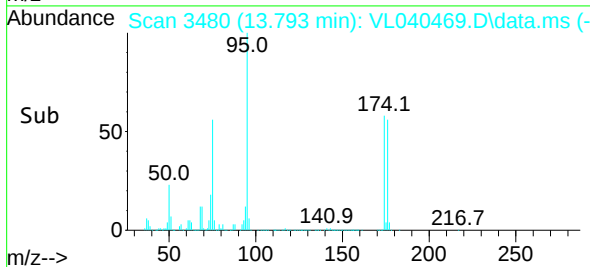
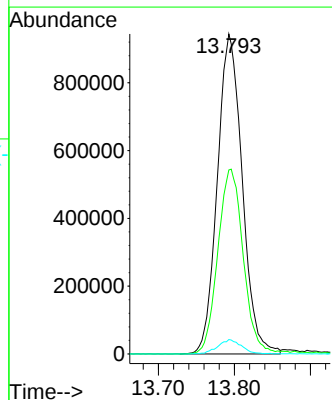
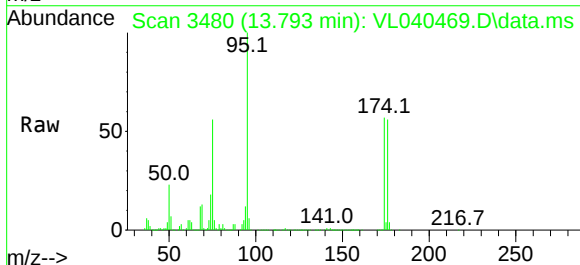
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

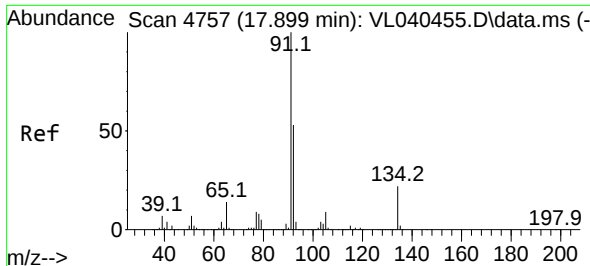
Tgt Ion: 91 Resp: 168552
Ion Ratio Lower Upper
91 100
106 42.7 22.1 66.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.172 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.006 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 95 Resp: 2144447
Ion Ratio Lower Upper
95 100
174 59.7 47.7 71.5
175 4.4 3.5 5.3

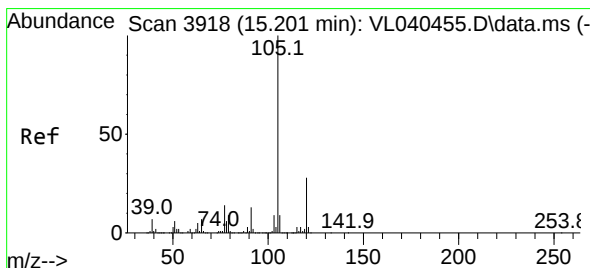
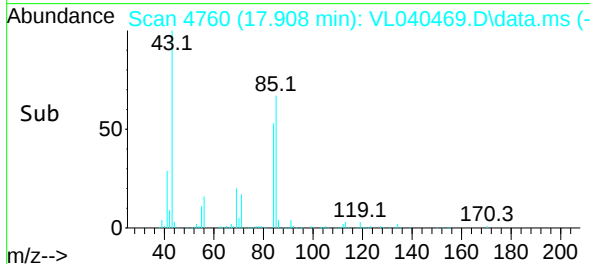
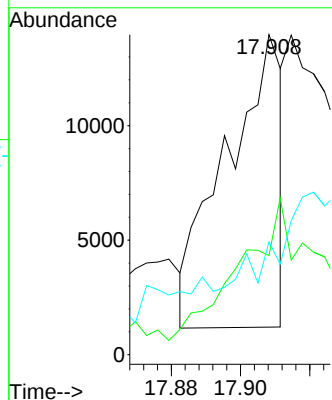
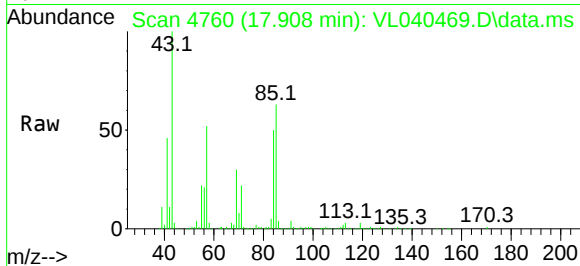




#70
n-Butylbenzene
Concen: 0.032 ppbv
RT: 17.908 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

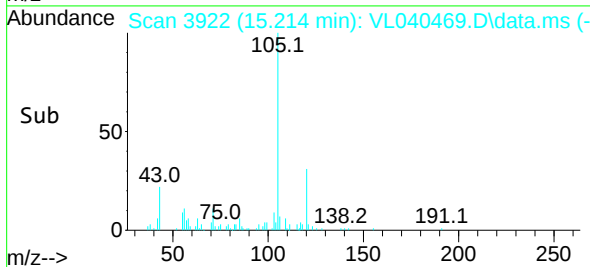
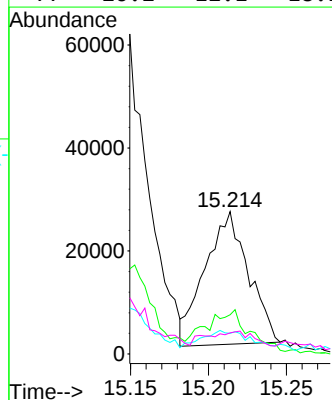
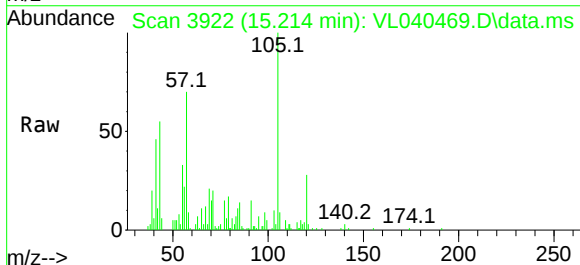
Instrument :
MSVOA_L
ClientSampleId :
SVP-02

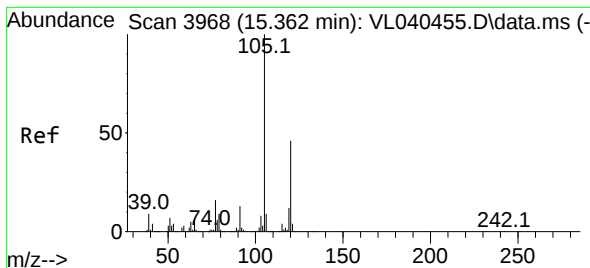
Tgt Ion: 91 Resp: 14326
Ion Ratio Lower Upper
91 100
92 0.0 42.7 64.1#
134 0.0 16.9 25.3#



#72
4-Ethyltoluene
Concen: 0.164 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.013 min
Lab File: VL040469.D
Acq: 15 Jun 2023 16:01

Tgt Ion: 105 Resp: 49878
Ion Ratio Lower Upper
105 100
120 36.9 23.4 35.0#
91 18.1 11.1 16.7#
77 26.2 12.1 18.1#





#73

1,3,5-Trimethylbenzene

Concen: 0.255 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. 0.003 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

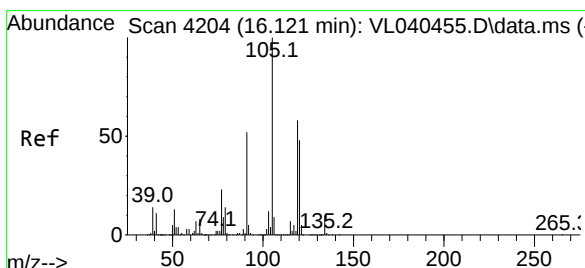
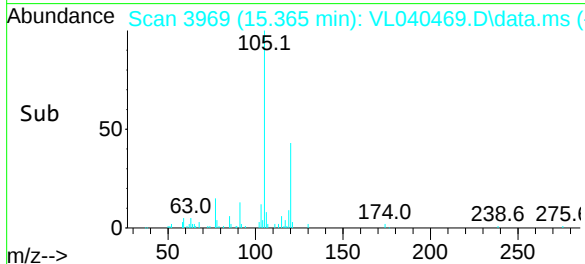
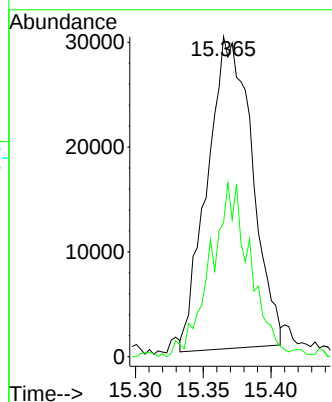
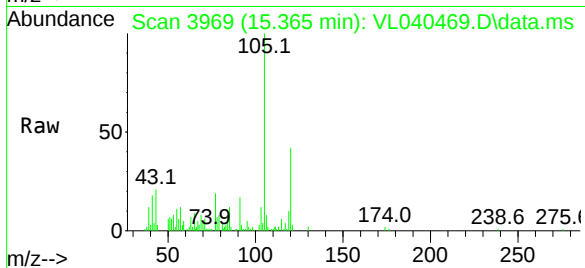
SVP-02

Tgt Ion:105 Resp: 68494

Ion Ratio Lower Upper

105 100

120 40.7 36.4 54.6



#74

1,2,4-Trimethylbenzene

Concen: 0.967 ppbv

RT: 16.121 min Scan# 4204

Delta R.T. -0.000 min

Lab File: VL040469.D

Acq: 15 Jun 2023 16:01

Tgt Ion:105 Resp: 305660

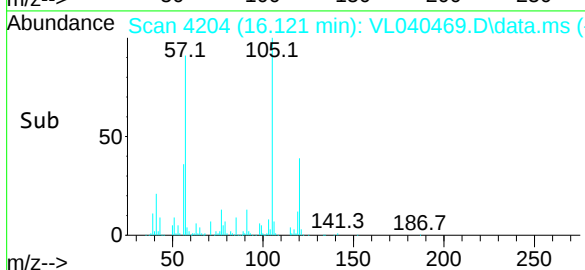
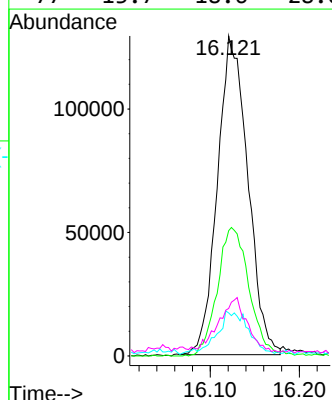
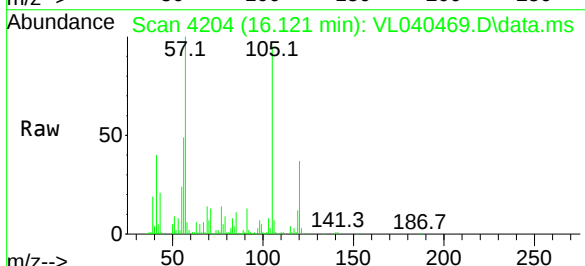
Ion Ratio Lower Upper

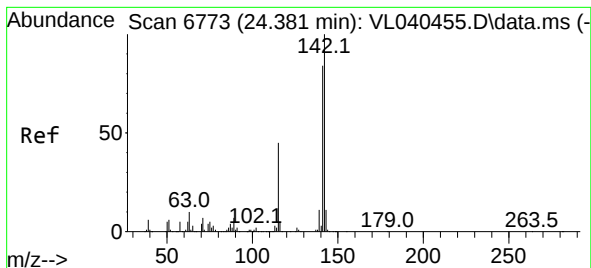
105 100

120 39.3 38.4 57.6

91 13.0 41.3 61.9#

77 13.7 18.6 28.0#





#80

Naphthalene, 2-methyl-

Concen: 0.107 ppbv

RT: 24.390 min Scan# 61

Delta R.T. 0.010 min

Lab File: VL040469.D

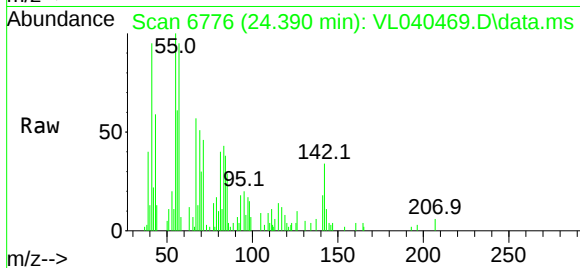
Acq: 15 Jun 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

SVP-02



Tgt Ion:142 Resp: 5836

Ion Ratio Lower Upper

142 100

141 105.7 65.4 98.0#

115 76.3 36.6 55.0#

