

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041556.D
 Acq On : 19 Aug 2024 20:53
 Operator : SY/MD
 Sample : P3659-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVI

Quant Time: Aug 20 02:23:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 20 02:10:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	976168	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2621237	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2446949	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1880836	9.988	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	15480	0.092	ppbv	99
3) Chlorodifluoromethane	2.674	51	92079	0.792	ppbv #	69
4) Chloromethane	2.832	50	3527	0.057	ppbv	94
7) Chloroethane	3.214	64	1348	0.064	ppbv	99
9) Propene	2.713	41	33202	0.622	ppbv	96
10) Heptane	7.594	43	22812	0.190	ppbv #	34
11) Trichlorofluoromethane	3.578	101	10036	0.067	ppbv	100
13) Ethanol	3.269	45	20340	4.263	ppbv	88
15) Acetone	3.488	43	448990	4.048	ppbv #	77
16) 1,3-Butadiene	2.986	39	46154	0.779	ppbv #	21
17) tert-Butyl alcohol	3.915	59	23068	0.228	ppbv #	80
19) Isopropyl Alcohol	3.607	45	20052	0.309	ppbv #	93
20) Methylene Chloride	3.951	84	337577	8.162	ppbv	96
23) Vinyl Acetate	4.639	43	22772	0.269	ppbv #	95
25) Ethyl Acetate	5.227	43	386721	1.755	ppbv #	78
26) Hexane	5.230	57	543159	5.942	ppbv #	35
27) Carbon Disulfide	4.147	76	6131	0.057	ppbv #	1
28) Methyl tert-Butyl Ether	4.616	73	12454	0.216	ppbv	91
29) Chloroform	5.291	83	45487	0.305	ppbv	100
30) Cyclohexane	6.616	84	2709	0.036	ppbv #	1
34) 2-Butanone	4.809	43	563907	4.447	ppbv	98
36) Benzene	6.391	78	17182	0.090	ppbv #	94
38) Trichloroethene	7.307	130	16644	0.190	ppbv	90
39) 1,2-Dichloropropane	6.668	63	650959	8.877	ppbv #	24
41) Tetrahydrofuran	5.590	42	6705	0.092	ppbv #	1
44) 2,2,4-Trimethylpentane	7.343	57	26544	0.083	ppbv #	1
51) 2-Hexanone	9.577	43	124256	0.821	ppbv #	99
52) Tetrachloroethene	10.642	164	7818625	105.645	ppbv	96
53) Toluene	9.237	91	403587	1.892	ppbv	99
58) Ethyl Benzene	12.101	91	93257	0.331	ppbv	99
59) m/p-Xylene	12.359	91	712587	2.927	ppbv	97
60) o-Xylene	13.076	91	259588	1.127	ppbv	98
64) n-propylbenzene	14.928	120	14238	0.156	ppbv #	24
65) tert-Butylbenzene	16.117	119	51408	0.163	ppbv #	73
66) Benzyl Chloride	16.304	91	963	0.047	ppbv #	1
70) n-Butylbenzene	17.902	91	23544	0.064	ppbv #	83
72) 4-Ethyltoluene	15.204	105	129555	0.478	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	44244	0.189	ppbv	94
74) 1,2,4-Trimethylbenzene	16.121	105	414176	1.525	ppbv #	70
79) Naphthalene	21.403	128	24128	0.101	ppbv #	96

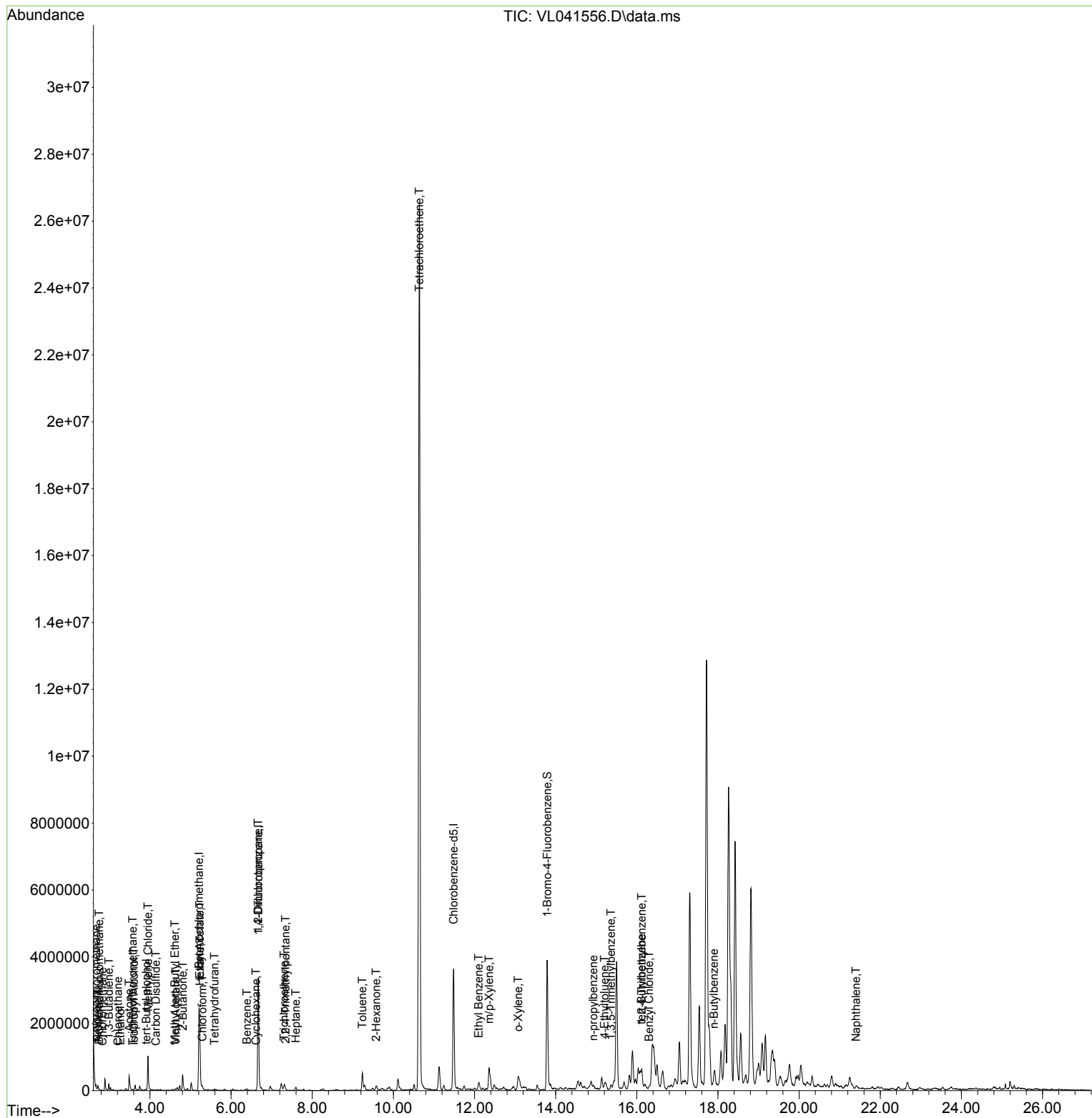
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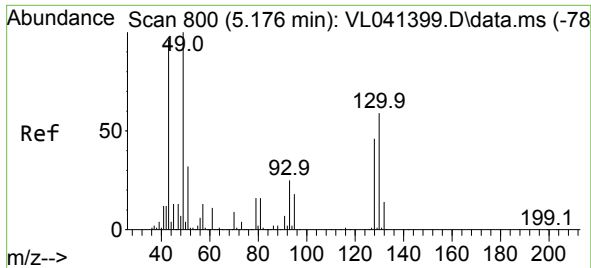
Instrument :
MSVOA_L
ClientSampleId :
SVI

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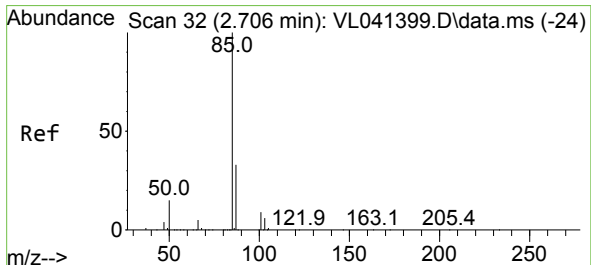
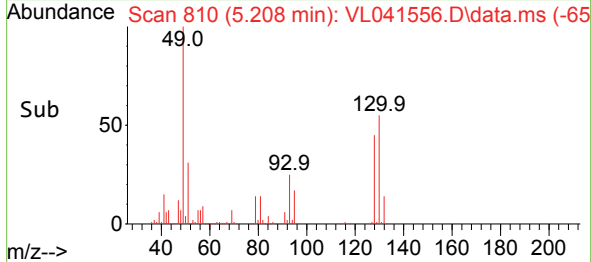
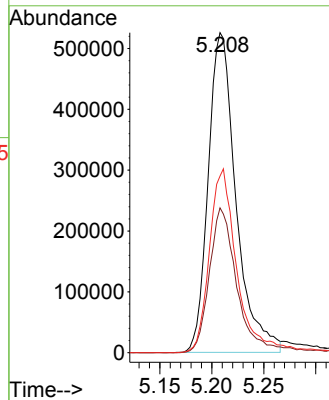
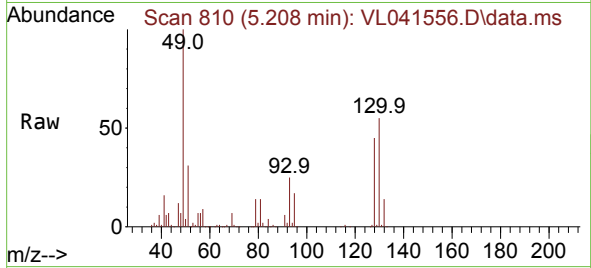




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

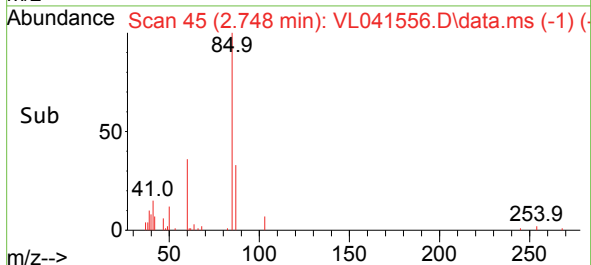
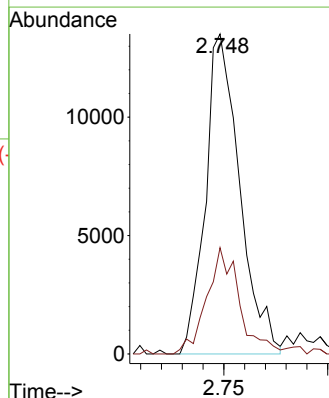
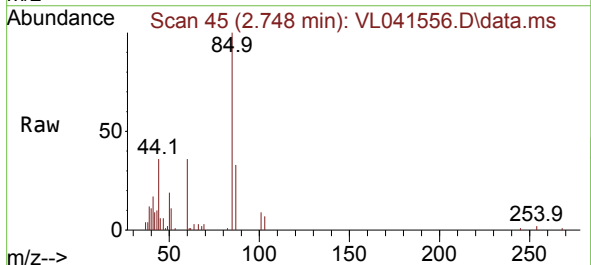
Instrument :
MSVOA_L
ClientSampleId :
SVI

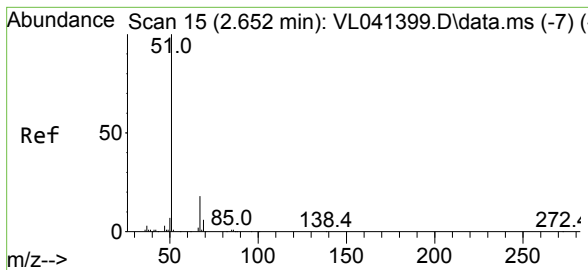
Tgt Ion: 49 Resp: 976168
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 58.8 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.092 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 85 Resp: 15480
Ion Ratio Lower Upper
85 100
87 31.9 26.0 39.0

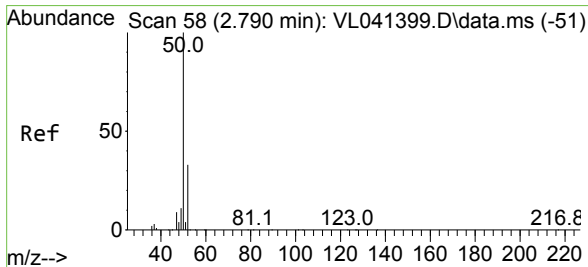
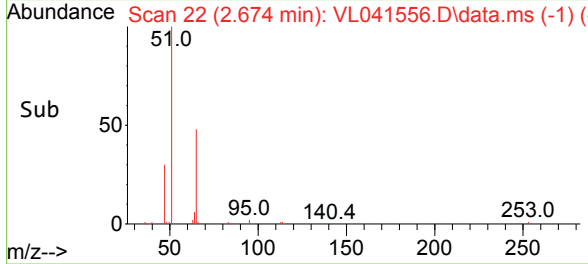
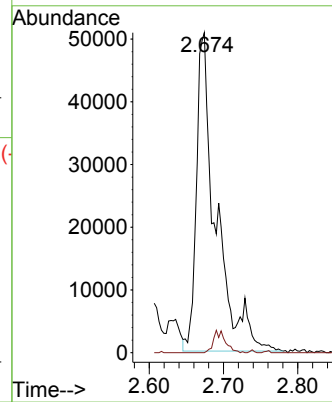
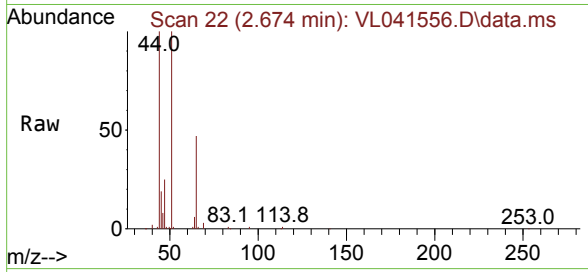




#3
Chlorodifluoromethane
Concen: 0.792 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

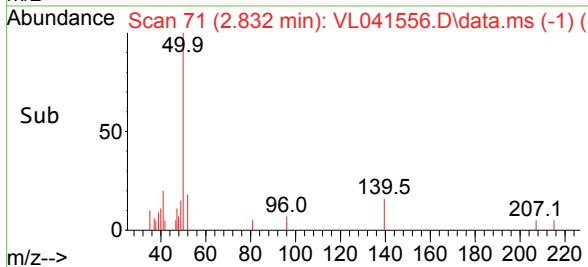
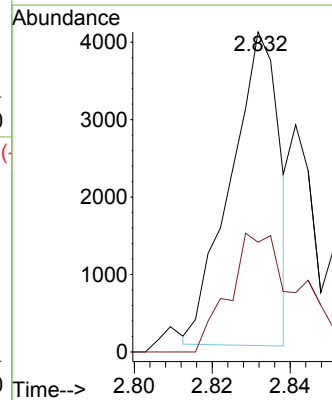
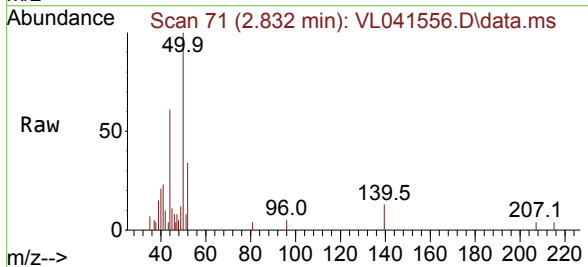
Instrument :
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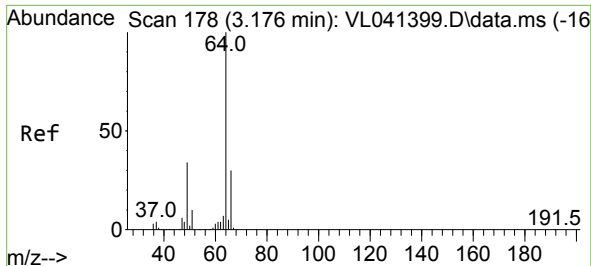
Tgt Ion: 51 Resp: 92079
Ion Ratio Lower Upper
51 100
67 4.3 14.5 21.7#



#4
Chloromethane
Concen: 0.057 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 50 Resp: 3527
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

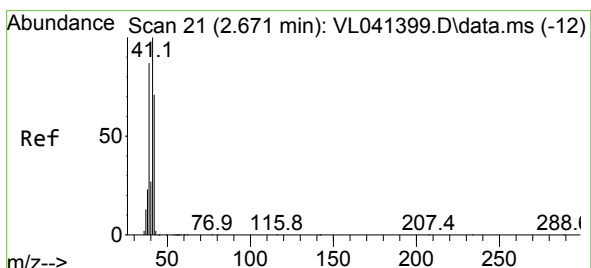
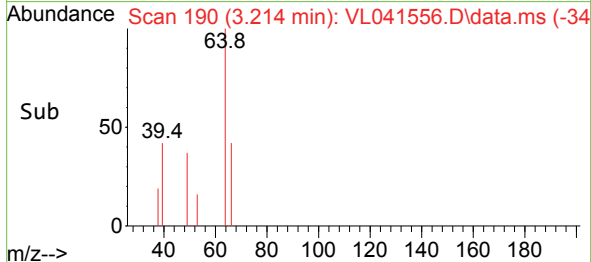
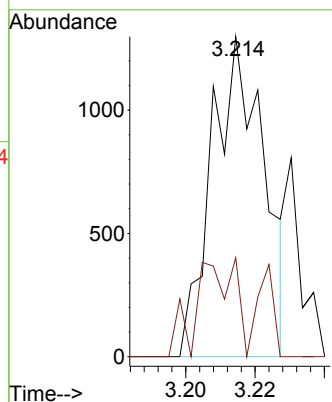
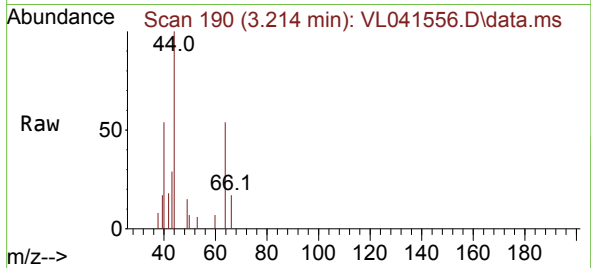




#7
Chloroethane
Concen: 0.064 ppbv
RT: 3.214 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

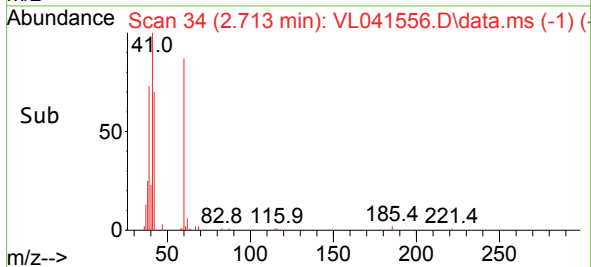
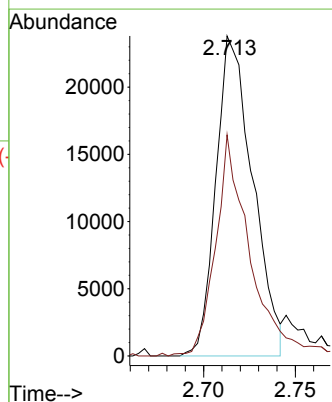
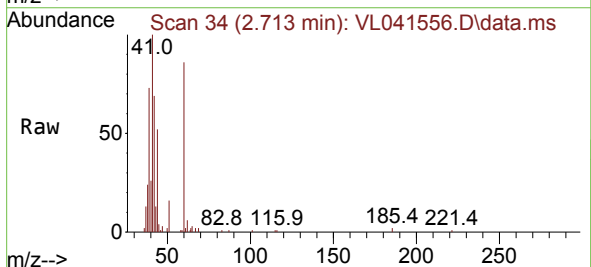
Instrument :
MSVOA_L
ClientSampleId :
SVI

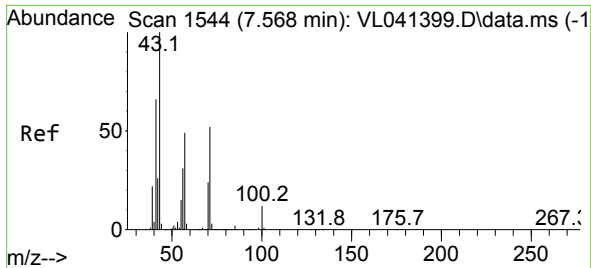
Tgt Ion: 64 Resp: 1348
Ion Ratio Lower Upper
64 100
66 30.9 24.2 36.2



#9
Propene
Concen: 0.622 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 41 Resp: 33202
Ion Ratio Lower Upper
41 100
42 67.0 55.9 83.9

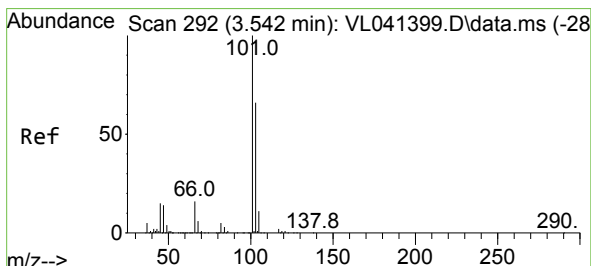
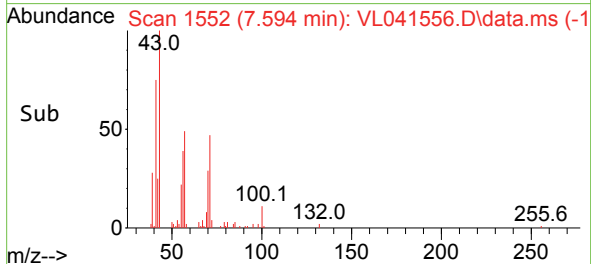
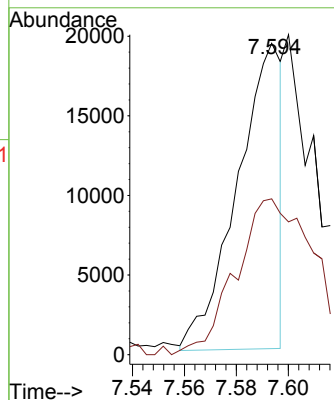
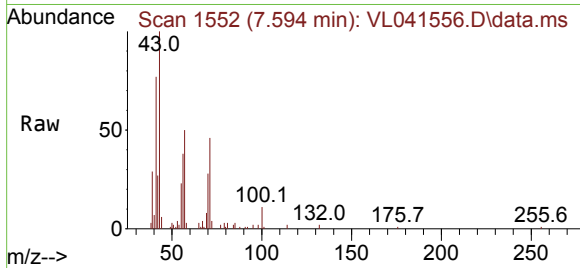




#10
 Heptane
 Concen: 0.190 ppbv
 RT: 7.594 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL041556.D
 Acq: 19 Aug 2024 20:53

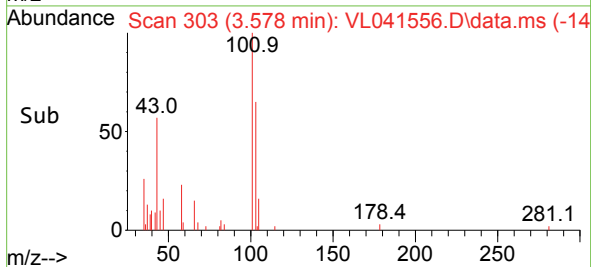
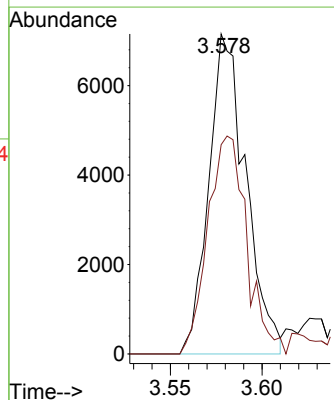
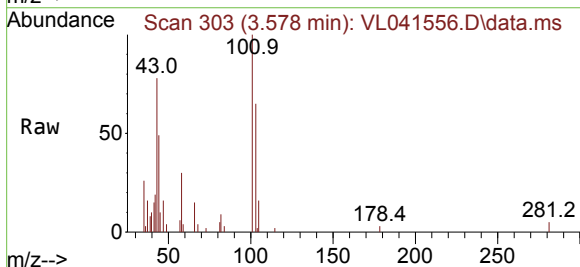
Instrument :
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 ClientSampleId :
 SVI

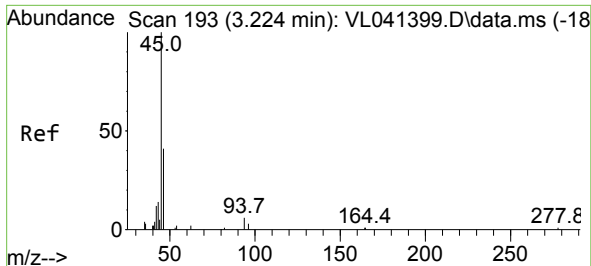
Tgt Ion: 43 Resp: 22812
 Ion Ratio Lower Upper
 43 100
 57 96.3 40.5 60.7#



#11
 Trichlorofluoromethane
 Concen: 0.067 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. -0.003 min
 Lab File: VL041556.D
 Acq: 19 Aug 2024 20:53

Tgt Ion: 101 Resp: 10036
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 79.0

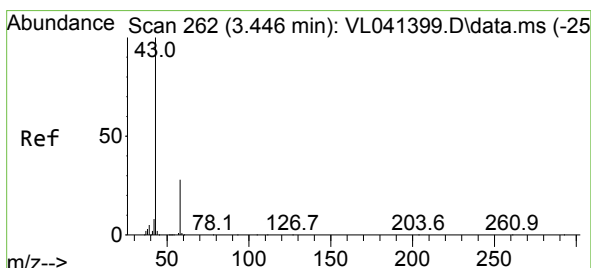
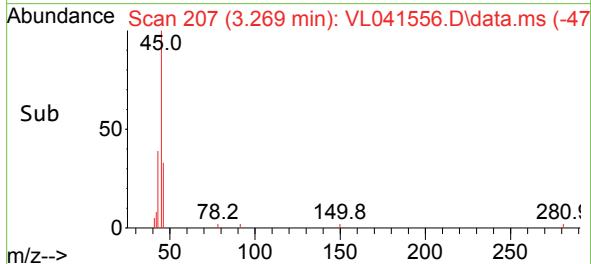
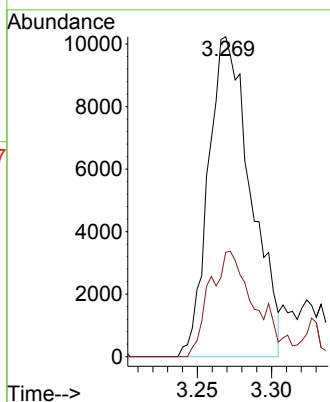
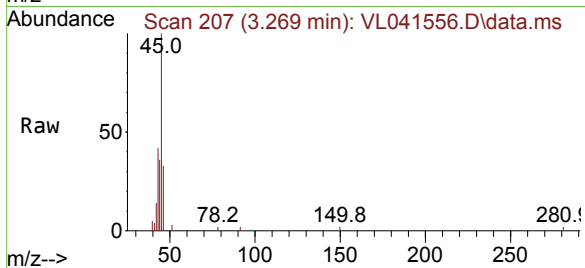




#13
Ethanol
Concen: 4.263 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.013 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

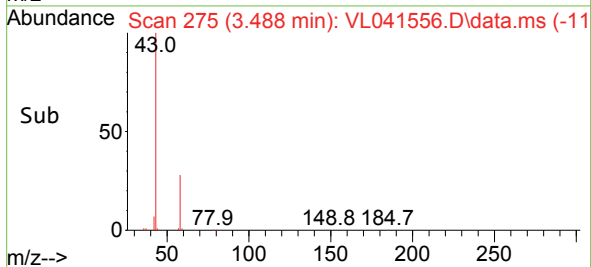
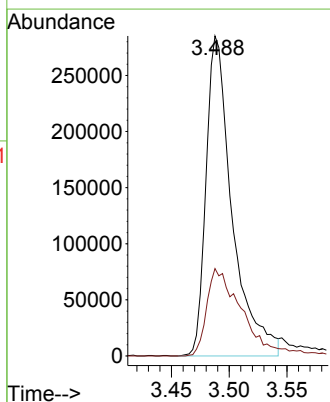
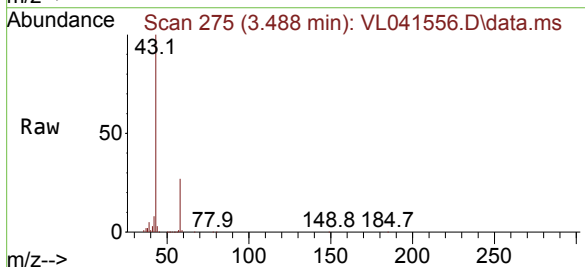
Instrument :
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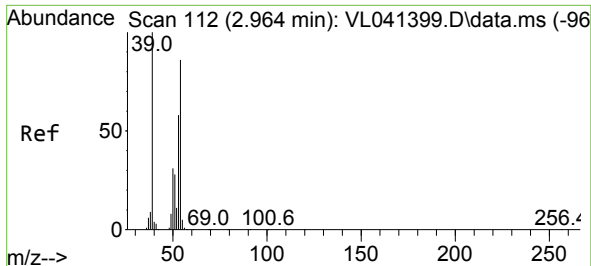
Tgt Ion: 45 Resp: 20340
Ion Ratio Lower Upper
45 100
46 40.0 13.4 53.4



#15
Acetone
Concen: 4.048 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.003 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 43 Resp: 448990
Ion Ratio Lower Upper
43 100
58 38.5 21.4 32.2#

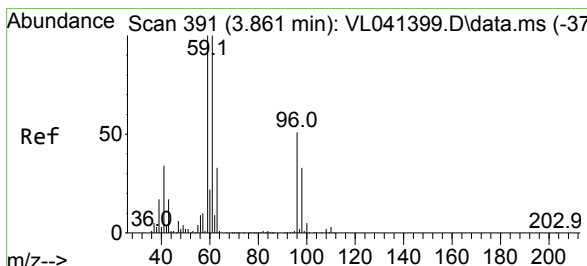
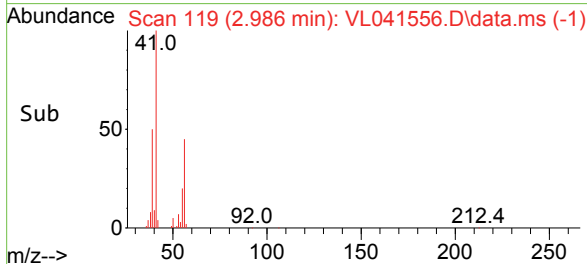
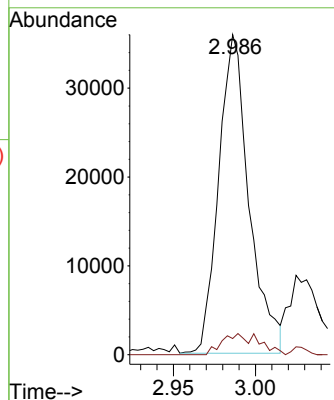
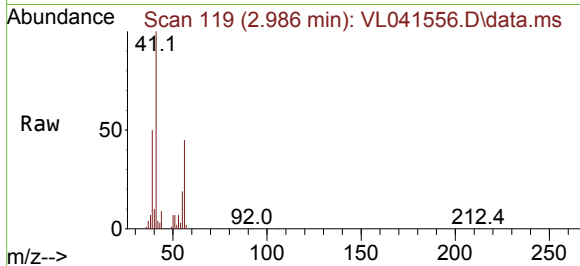




#16
1,3-Butadiene
Concen: 0.779 ppbv
RT: 2.986 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

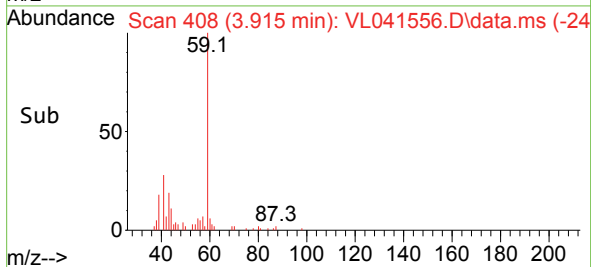
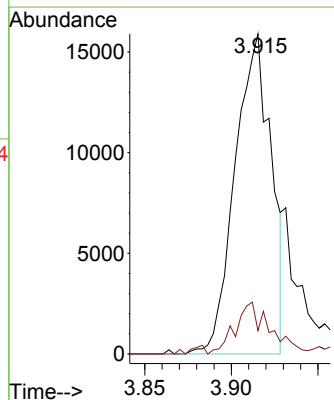
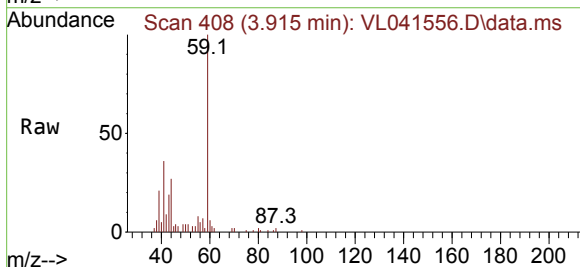
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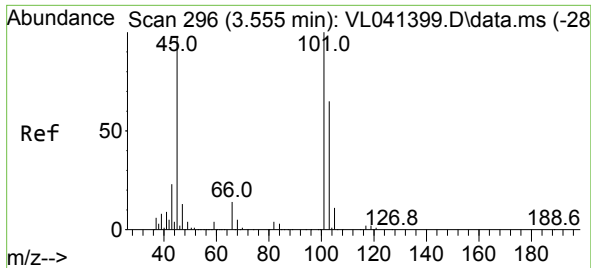
Tgt Ion: 39 Resp: 46154
Ion Ratio Lower Upper
39 100
54 9.2 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.228 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.023 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 59 Resp: 23068
Ion Ratio Lower Upper
59 100
57 18.2 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 0.309 ppbv

RT: 3.607 min Scan# 312

Delta R.T. 0.016 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

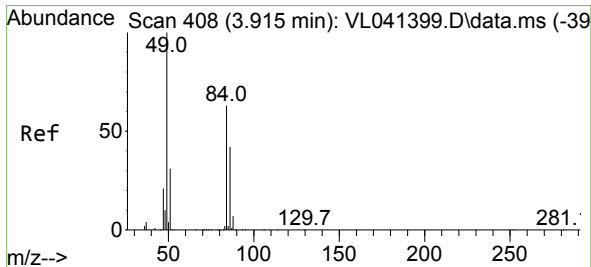
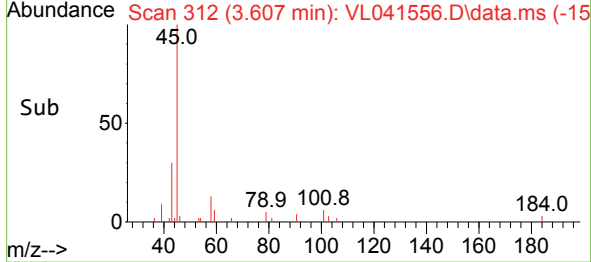
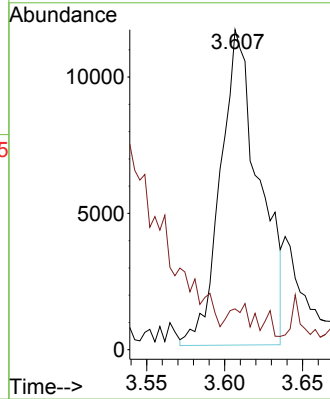
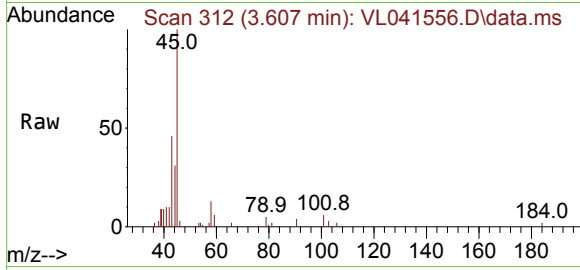
SVI

Tgt Ion: 45 Resp: 20052

Ion Ratio Lower Upper

45 100

58 0.0 1.9 2.9#



#20

Methylene Chloride

Concen: 8.162 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.000 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Tgt Ion: 84 Resp: 337577

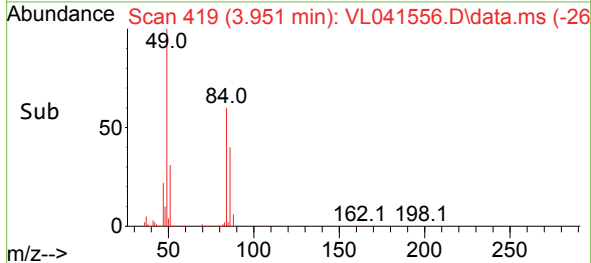
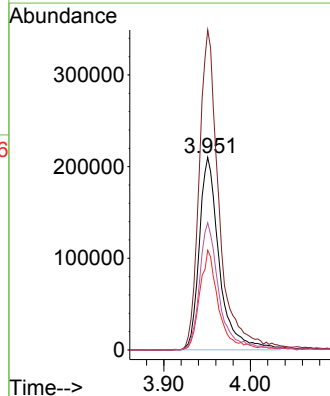
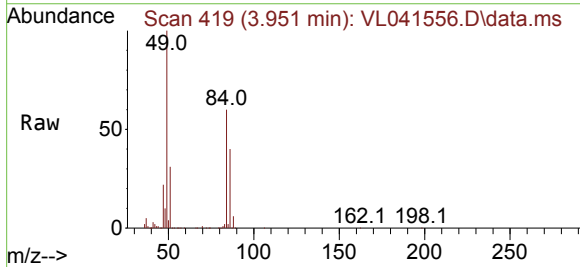
Ion Ratio Lower Upper

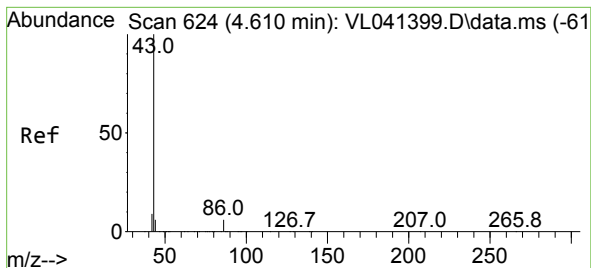
84 100

49 166.1 126.6 190.0

51 51.6 38.6 58.0

86 66.2 53.0 79.4





#23

Vinyl Acetate

Concen: 0.269 ppbv

RT: 4.639 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

SVI

Tgt Ion: 43 Resp: 22772

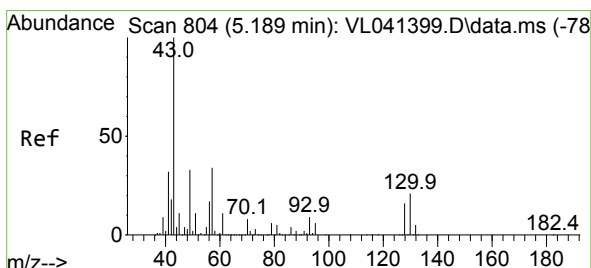
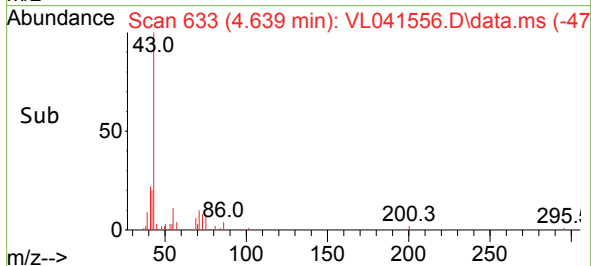
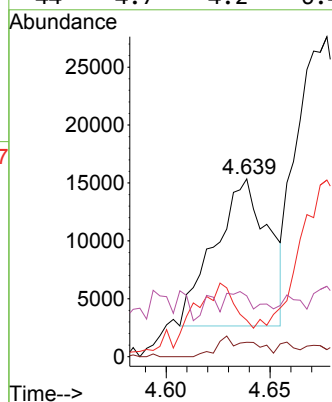
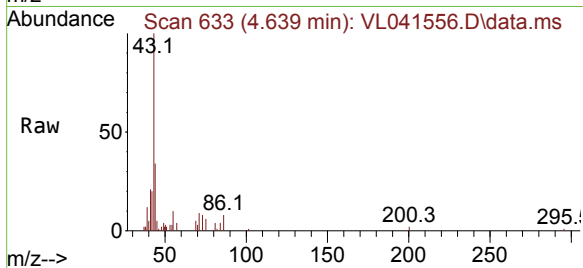
Ion Ratio Lower Upper

43 100

86 9.7 4.6 6.8#

42 9.2 7.9 11.9

44 4.7 4.2 6.4



#25

Ethyl Acetate

Concen: 1.755 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.006 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Tgt Ion: 43 Resp: 386721

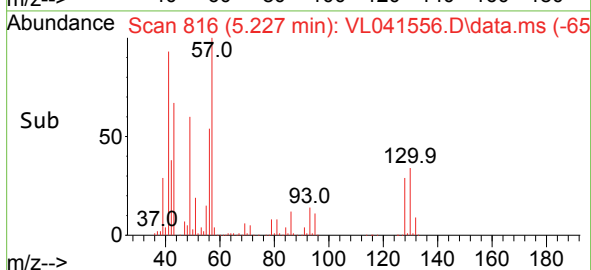
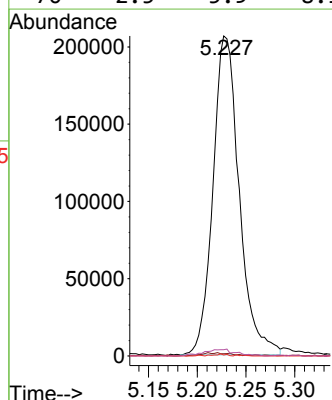
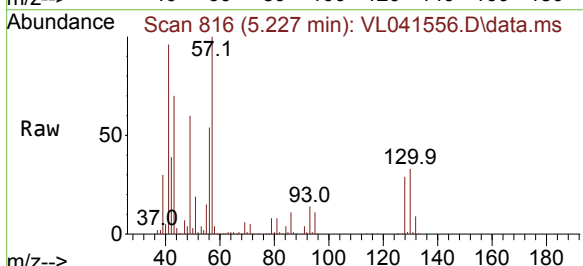
Ion Ratio Lower Upper

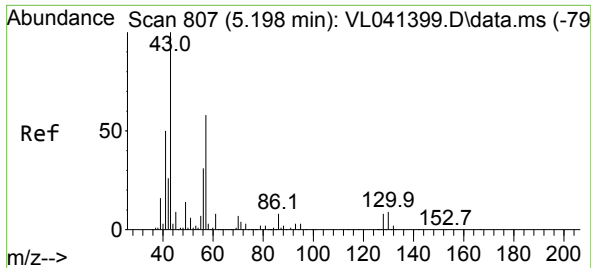
43 100

45 1.6 8.5 12.7#

61 0.4 8.0 12.0#

70 2.5 5.9 8.9#

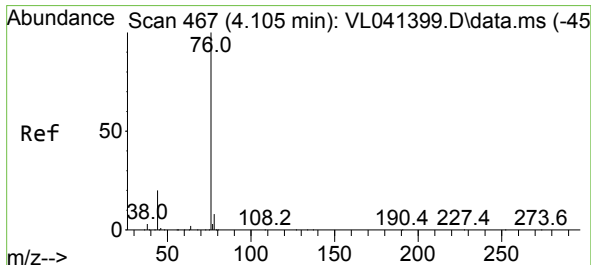
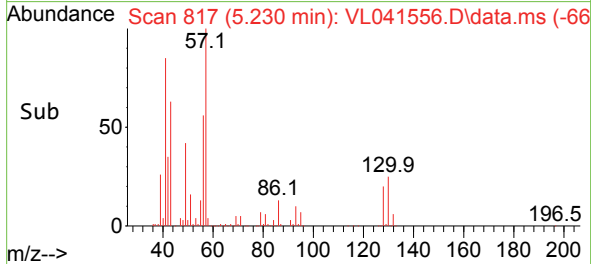
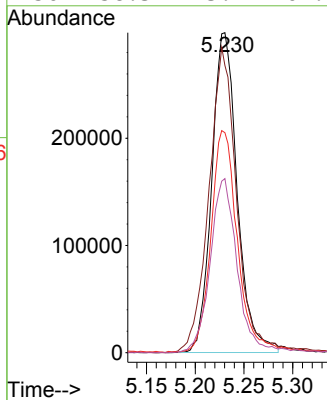
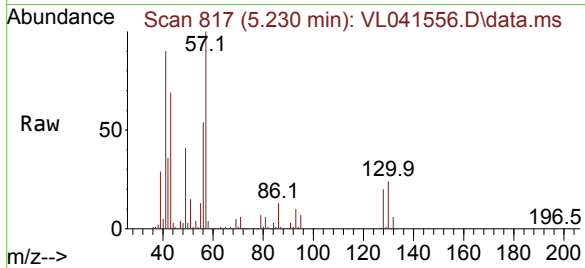




#26
Hexane
Concen: 5.942 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

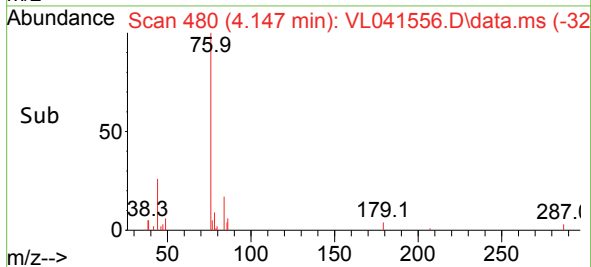
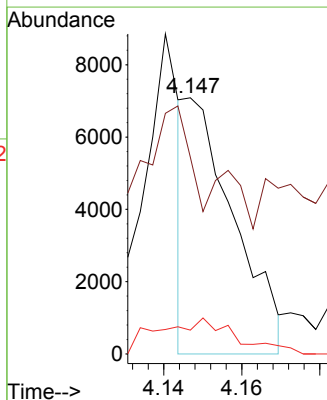
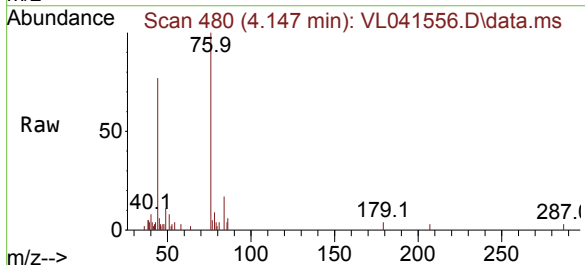
Instrument :
MSVOA_L
ClientSampleId :
SVI

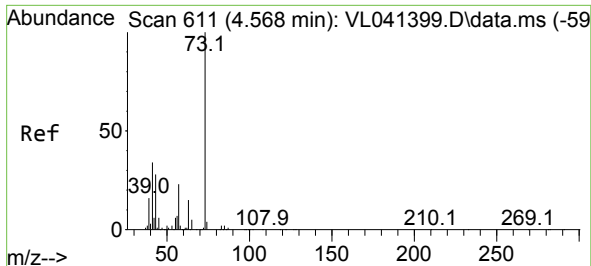
Tgt Ion: 57 Resp: 543159
Ion Ratio Lower Upper
57 100
41 105.8 74.0 111.0
43 74.3 193.6 290.4#
56 58.3 43.1 64.7



#27
Carbon Disulfide
Concen: 0.057 ppbv
RT: 4.147 min Scan# 480
Delta R.T. 0.003 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 76 Resp: 6131
Ion Ratio Lower Upper
76 100
44 93.7 15.6 23.4#
78 24.8 7.7 11.5#

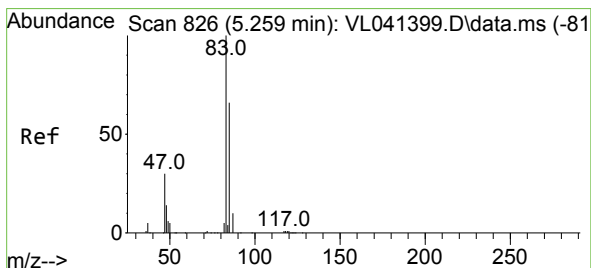
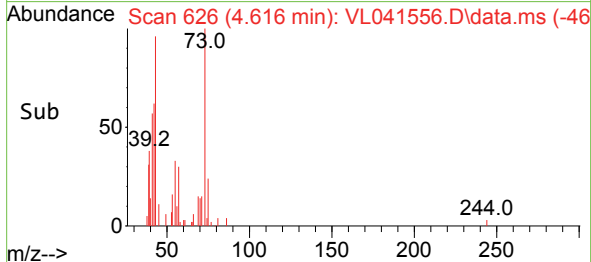
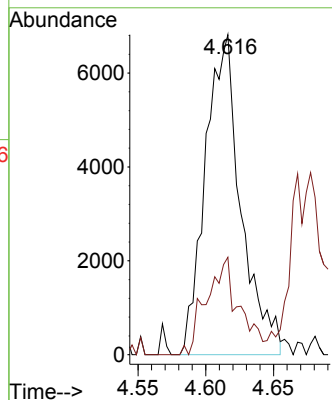
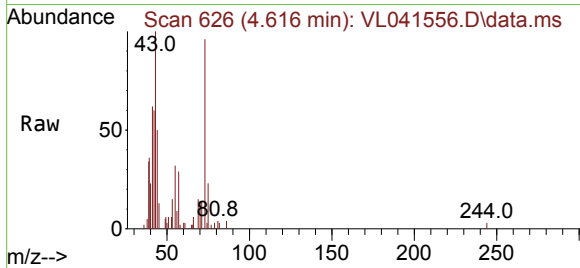




#28
Methyl tert-Butyl Ether
Concen: 0.216 ppbv
RT: 4.616 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

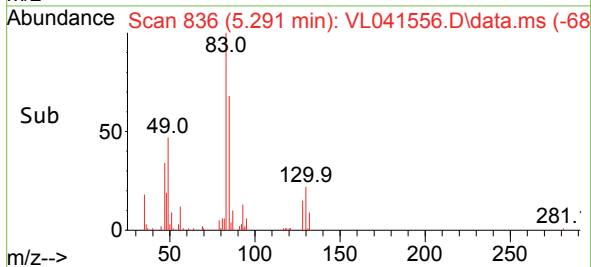
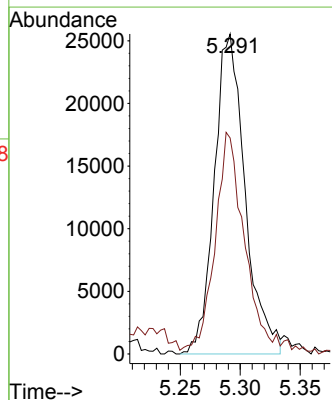
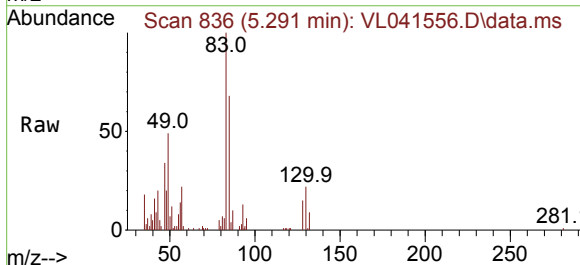
Instrument :
MSVOA_L
ClientSampleId :
SVI

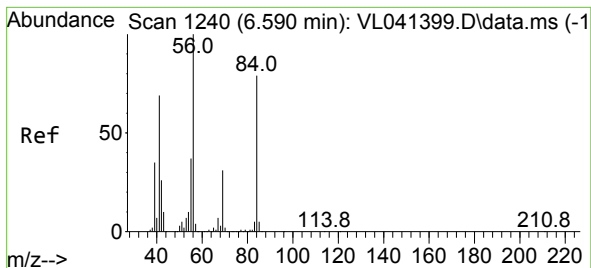
Tgt Ion: 73 Resp: 12454
Ion Ratio Lower Upper
73 100
57 28.0 18.9 28.3



#29
Chloroform
Concen: 0.305 ppbv
RT: 5.291 min Scan# 836
Delta R.T. -0.003 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 83 Resp: 45487
Ion Ratio Lower Upper
83 100
85 66.4 53.1 79.7





#30

Cyclohexane

Concen: 0.036 ppbv

RT: 6.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

SVI

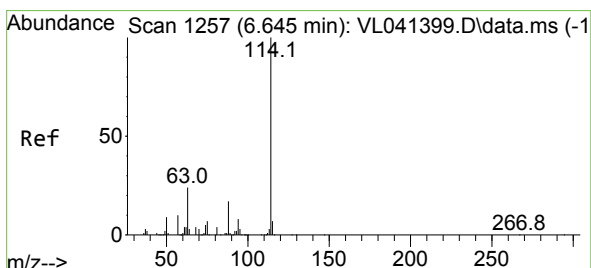
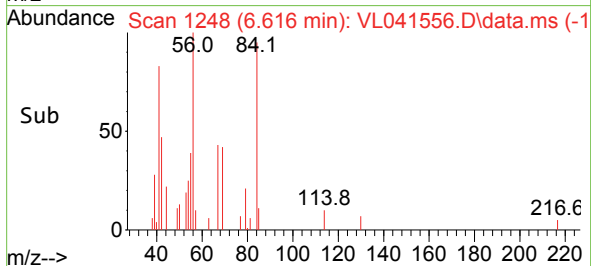
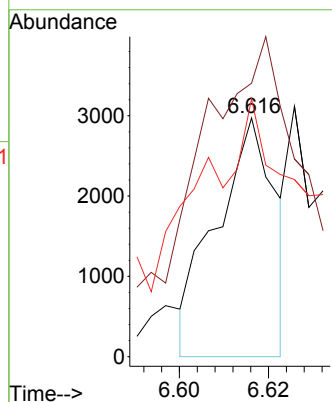
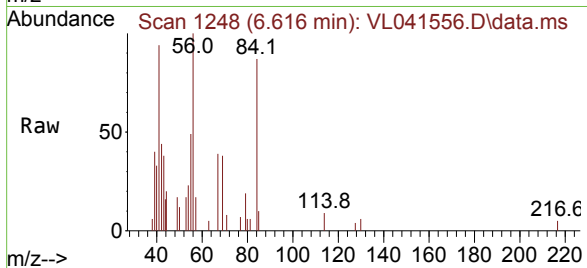
Tgt Ion: 84 Resp: 2709

Ion Ratio Lower Upper

84 100

56 0.0 111.2 166.8#

41 240.7 70.3 105.5#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

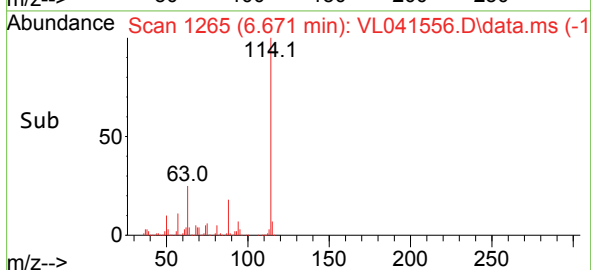
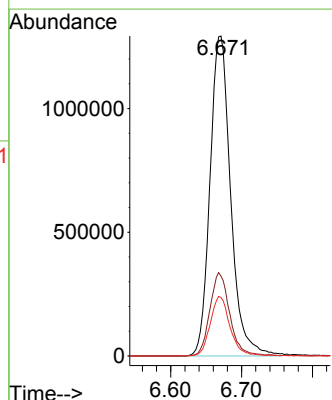
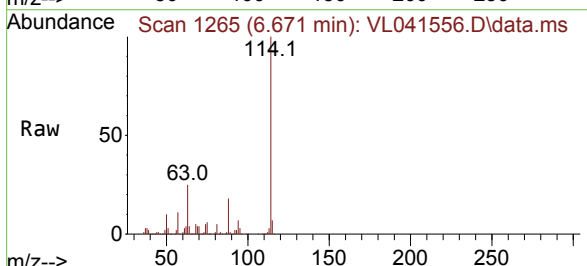
Tgt Ion: 114 Resp: 2621237

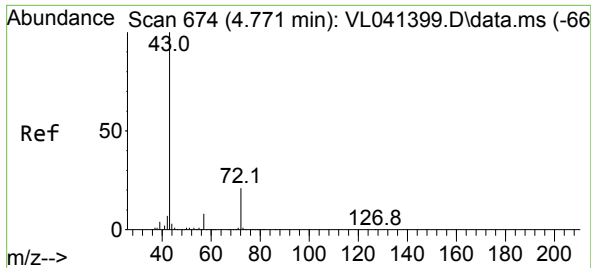
Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 18.0 14.3 21.5

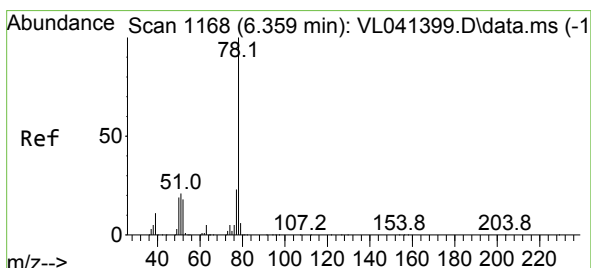
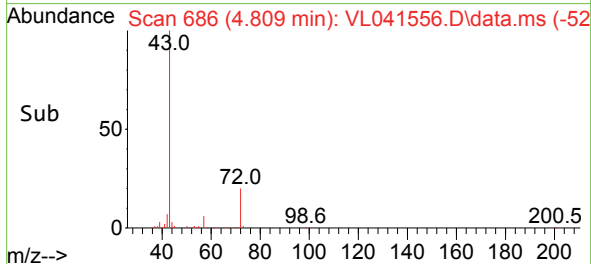
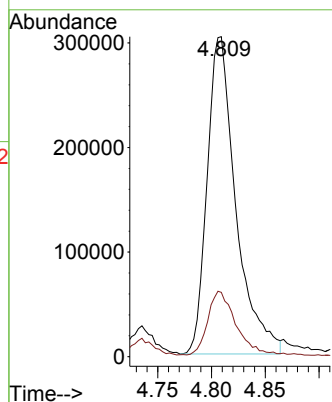
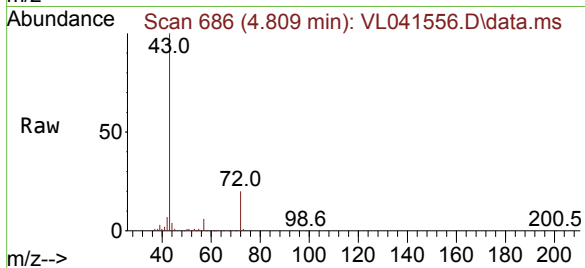




#34
2-Butanone
Concen: 4.447 ppbv
RT: 4.809 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

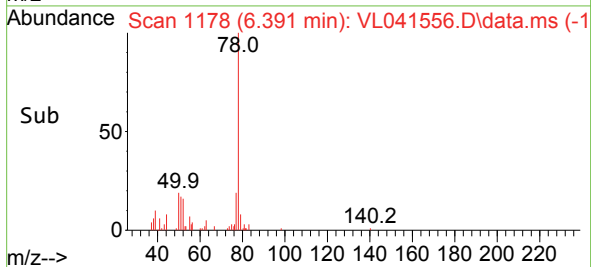
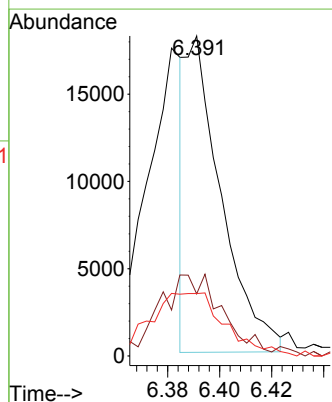
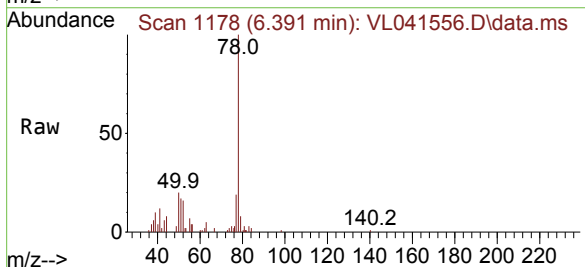
Instrument :
MSVOA_L
ClientSampleId :
SVI

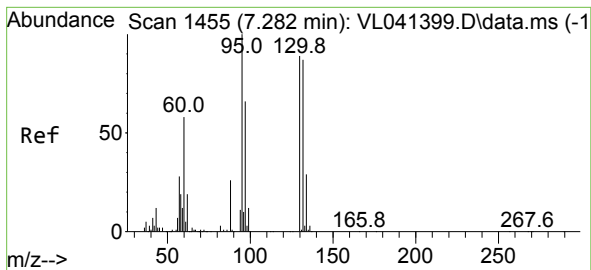
Tgt Ion: 43 Resp: 563907
Ion Ratio Lower Upper
43 100
72 22.7 17.3 25.9



#36
Benzene
Concen: 0.090 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 78 Resp: 17182
Ion Ratio Lower Upper
78 100
77 17.5 18.1 27.1#
50 19.2 15.5 23.3





#38

Trichloroethene

Concen: 0.190 ppbv

RT: 7.307 min Scan# 1455

Delta R.T. -0.003 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

SVI

Tgt Ion:130 Resp: 16644

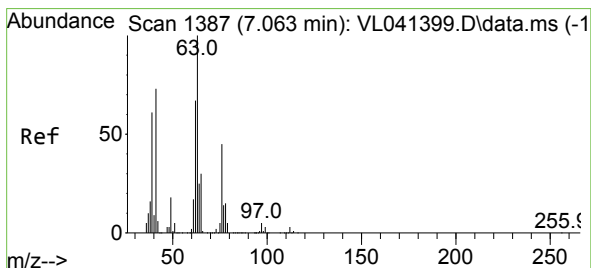
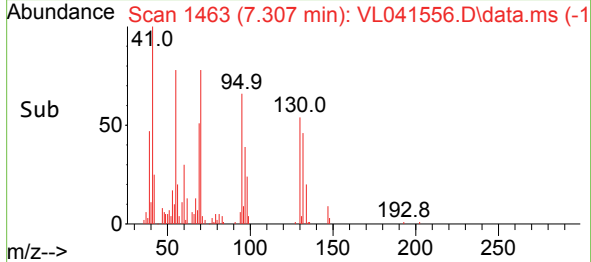
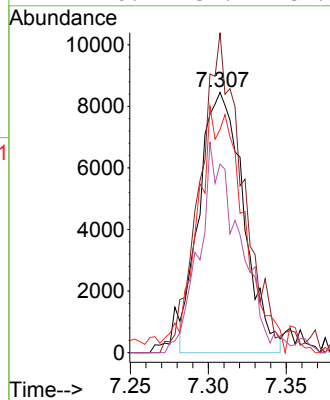
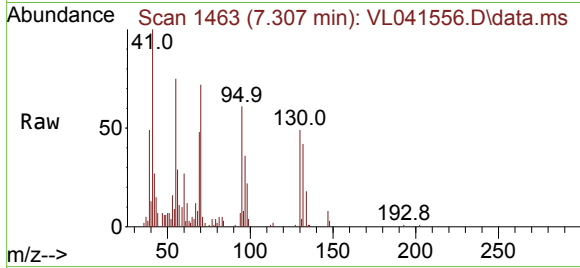
Ion Ratio Lower Upper

130 100

95 123.1 90.2 135.2

132 82.4 78.1 117.1

97 70.2 59.7 89.5



#39

1,2-Dichloropropane

Concen: 8.877 ppbv

RT: 6.668 min Scan# 1264

Delta R.T. -0.428 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

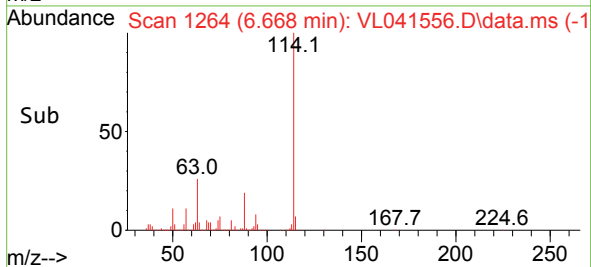
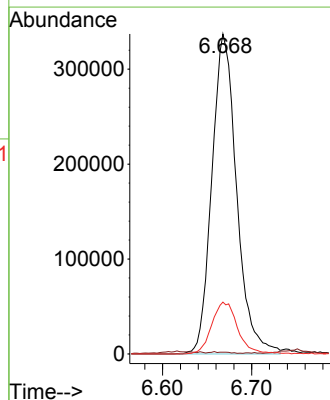
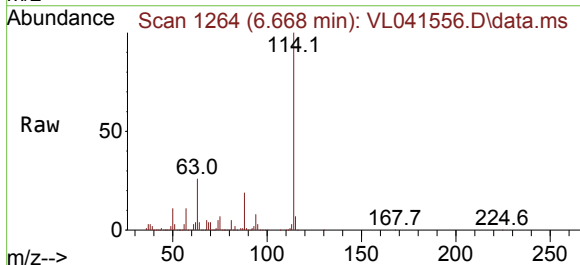
Tgt Ion: 63 Resp: 650959

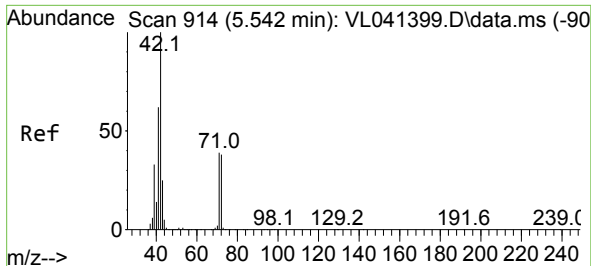
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 16.2 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.092 ppbv

RT: 5.590 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

SVI

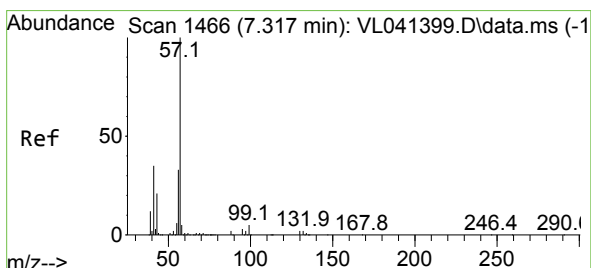
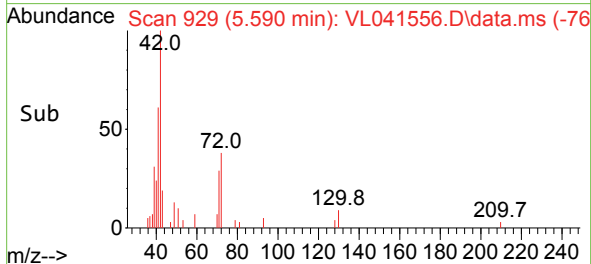
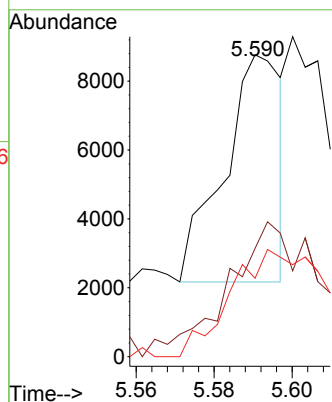
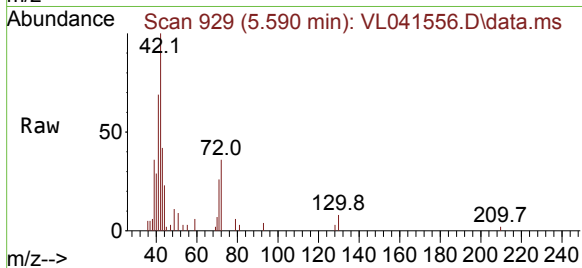
Tgt Ion: 42 Resp: 6705

Ion Ratio Lower Upper

42 100

72 122.8 31.2 46.8#

71 101.1 30.5 45.7#



#44

2,2,4-Trimethylpentane

Concen: 0.083 ppbv

RT: 7.343 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

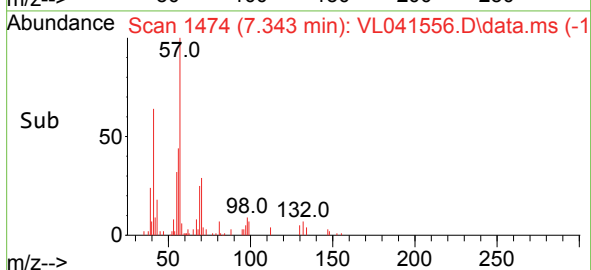
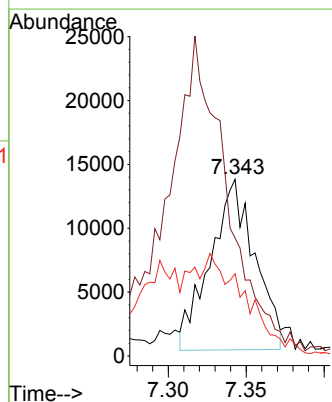
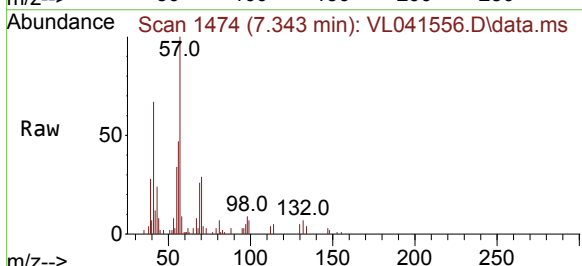
Tgt Ion: 57 Resp: 26544

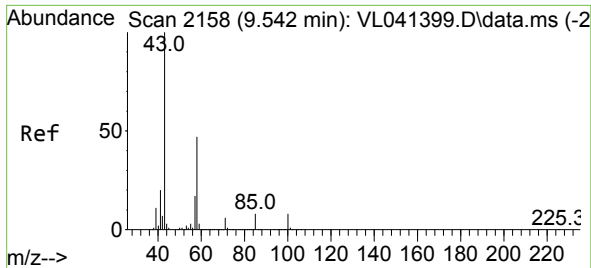
Ion Ratio Lower Upper

57 100

41 291.2 27.0 40.6#

56 61.7 25.2 37.8#

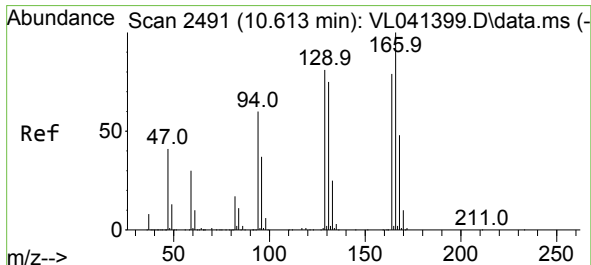
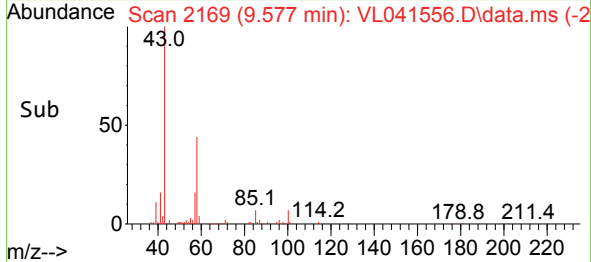
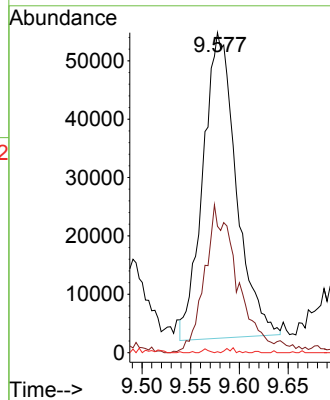
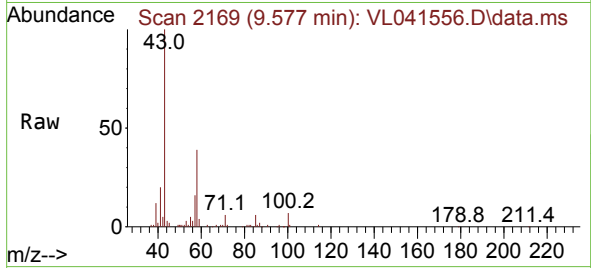




#51
2-Hexanone
Concen: 0.821 ppbv
RT: 9.577 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

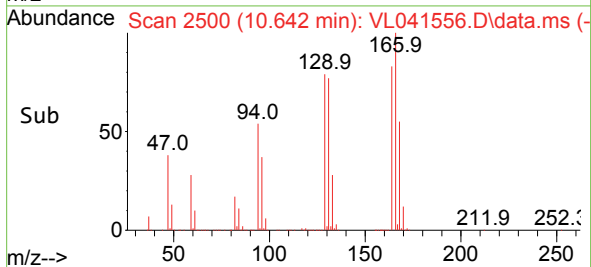
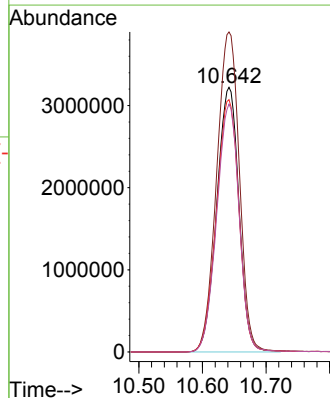
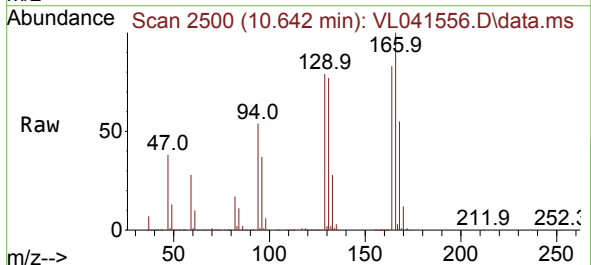
Instrument :
MSVOA_L
ClientSampleId :
SVI

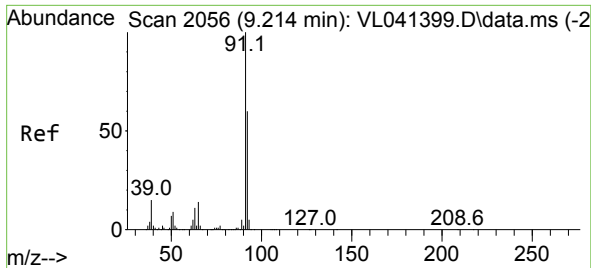
Tgt Ion: 43 Resp: 124256
Ion Ratio Lower Upper
43 100
58 48.6 38.2 57.2
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 105.645 ppbv
RT: 10.642 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 164 Resp: 7818625
Ion Ratio Lower Upper
164 100
166 120.9 101.1 151.7
129 95.4 81.7 122.5
131 93.7 76.2 114.4





#53

Toluene

Concen: 1.892 ppbv

RT: 9.237 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

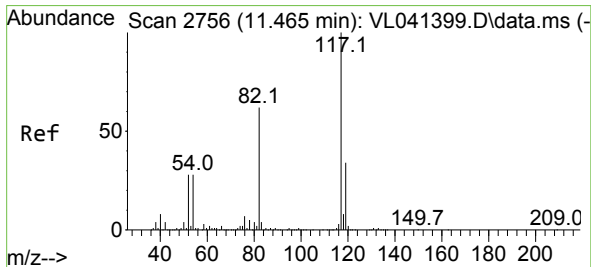
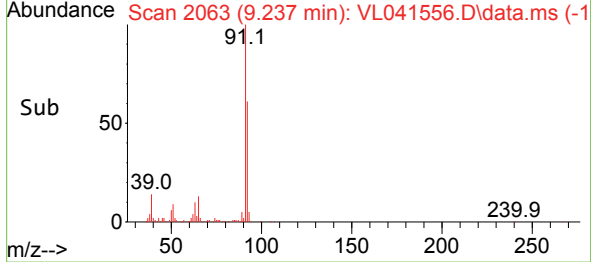
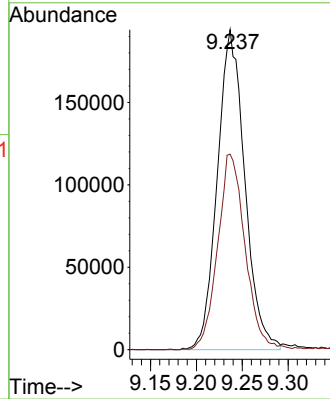
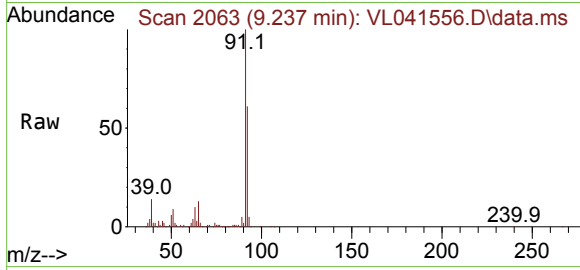
SVI

Tgt Ion: 91 Resp: 403587

Ion Ratio Lower Upper

91 100

92 61.5 48.7 73.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 2762

Delta R.T. -0.006 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

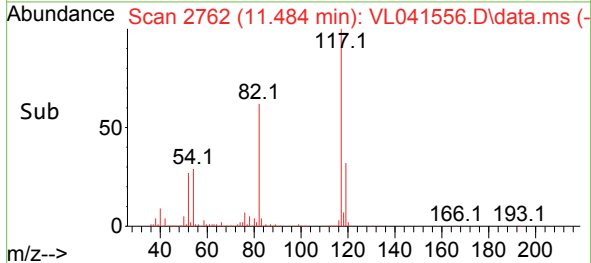
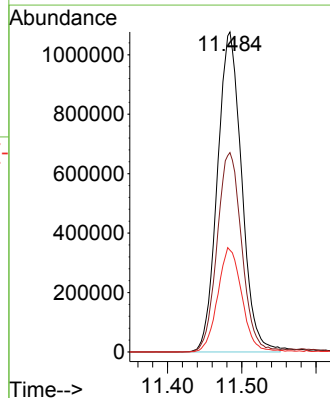
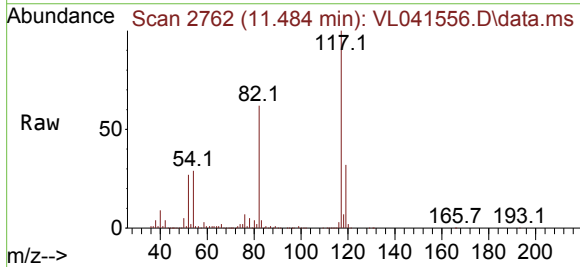
Tgt Ion: 117 Resp: 2446949

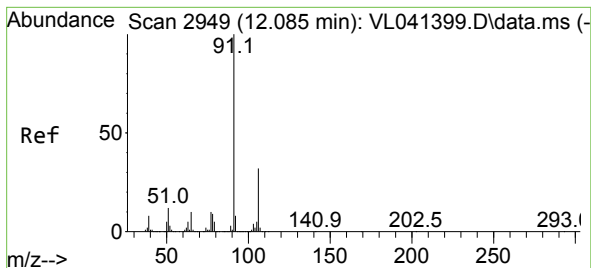
Ion Ratio Lower Upper

117 100

82 63.6 51.0 76.6

119 32.8 45.2 67.8#





#58

Ethyl Benzene

Concen: 0.331 ppbv

RT: 12.101 min Scan# 2949

Delta R.T. -0.010 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

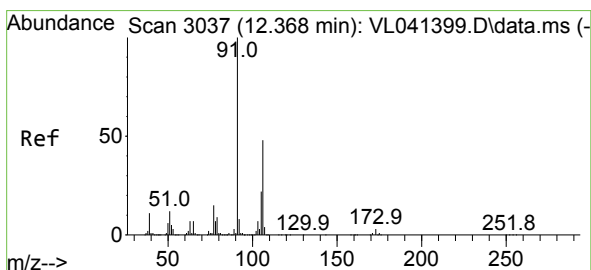
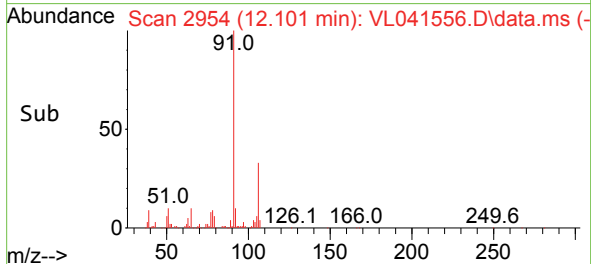
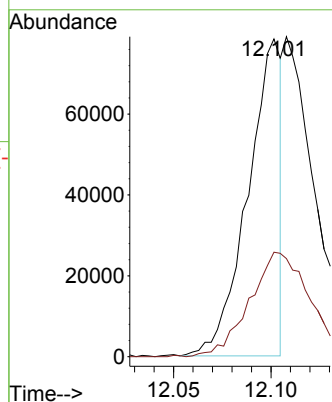
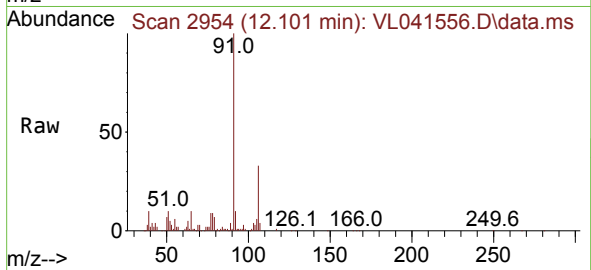
SVI

Tgt Ion: 91 Resp: 93257

Ion Ratio Lower Upper

91 100

106 32.7 25.8 38.8



#59

m/p-Xylene

Concen: 2.927 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. -0.035 min

Lab File: VL041556.D

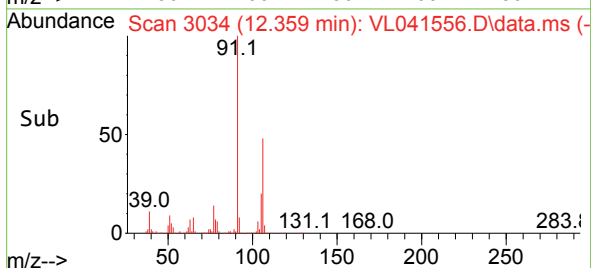
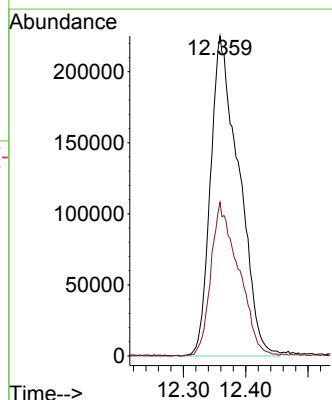
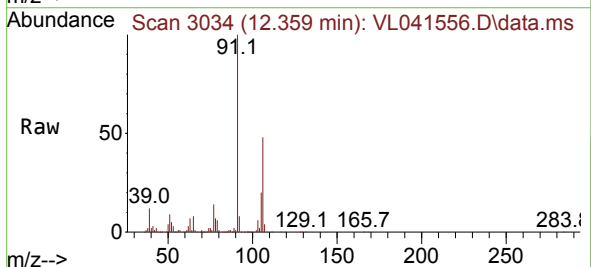
Acq: 19 Aug 2024 20:53

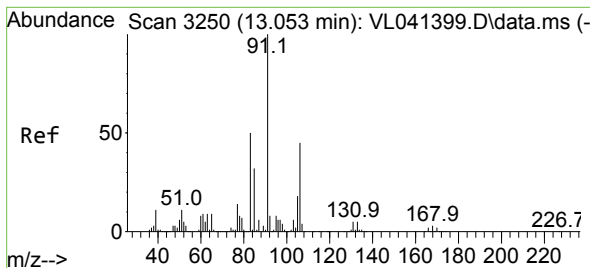
Tgt Ion: 91 Resp: 712587

Ion Ratio Lower Upper

91 100

106 47.1 36.3 54.5





#60

o-Xylene

Concen: 1.127 ppbv

RT: 13.076 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

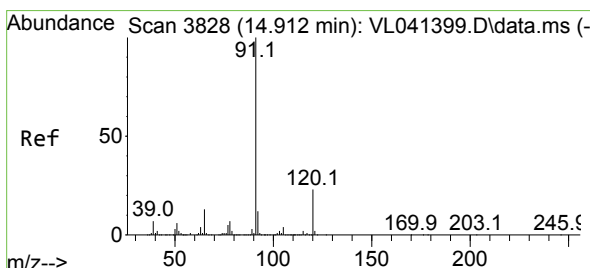
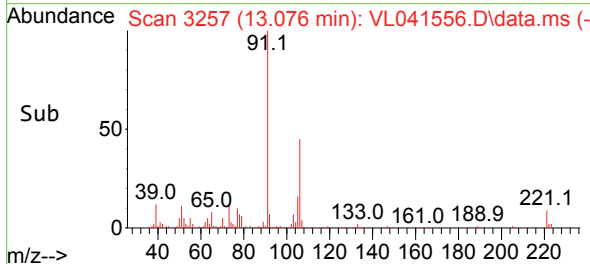
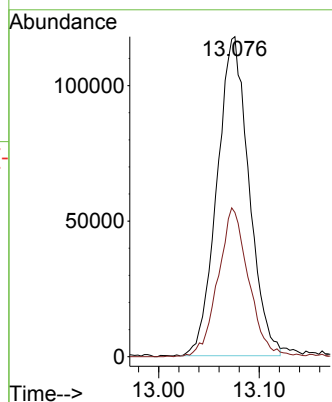
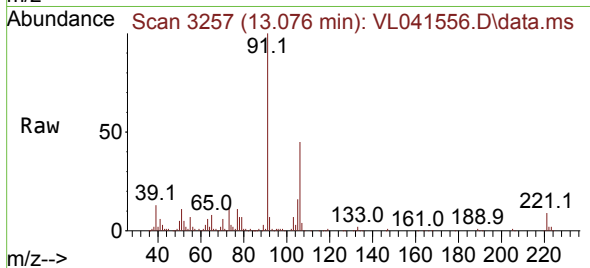
SVI

Tgt Ion: 91 Resp: 259588

Ion Ratio Lower Upper

91 100

106 45.2 23.1 69.3



#64

n-propylbenzene

Concen: 0.156 ppbv

RT: 14.928 min Scan# 3833

Delta R.T. -0.010 min

Lab File: VL041556.D

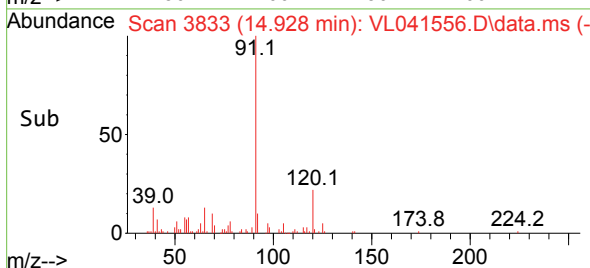
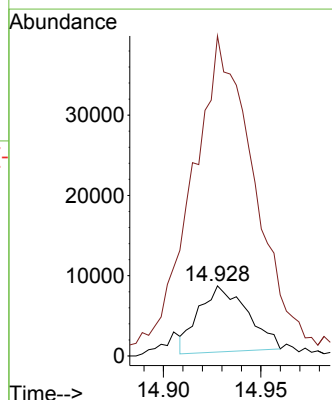
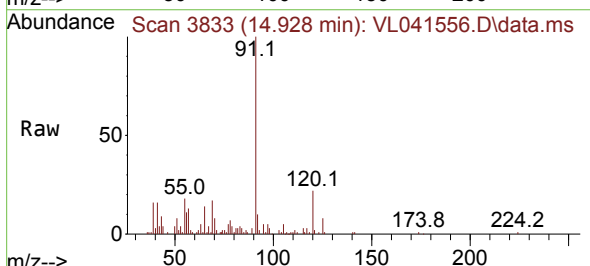
Acq: 19 Aug 2024 20:53

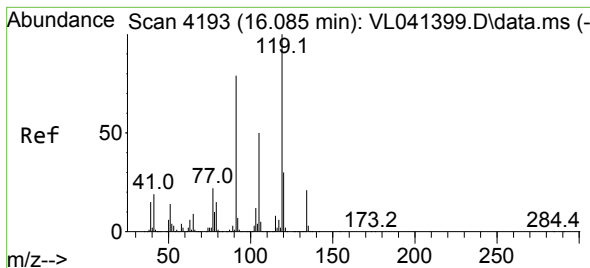
Tgt Ion: 120 Resp: 14238

Ion Ratio Lower Upper

120 100

91 647.8 361.4 542.0#

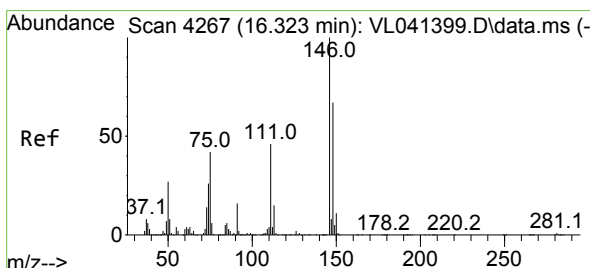
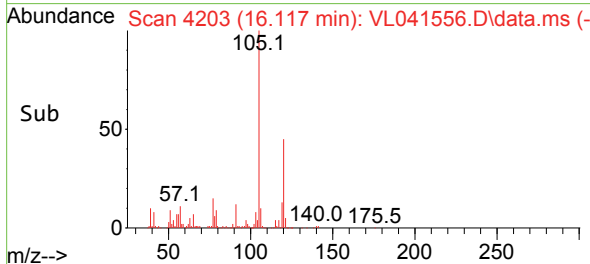
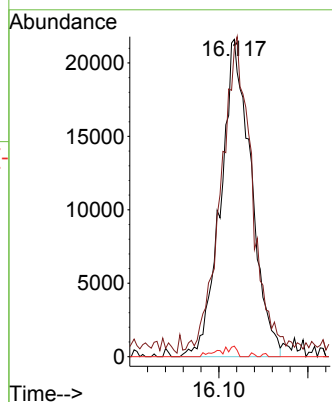
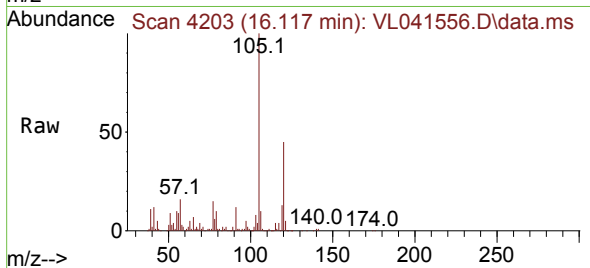




#65
tert-Butylbenzene
Concen: 0.163 ppbv
RT: 16.117 min Scan# 4193
Delta R.T. 0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

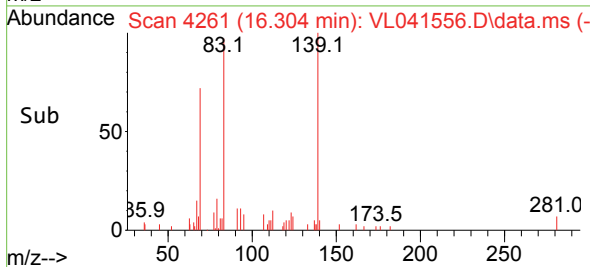
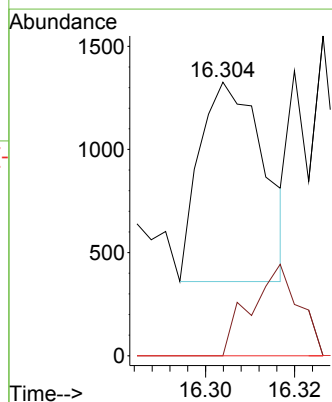
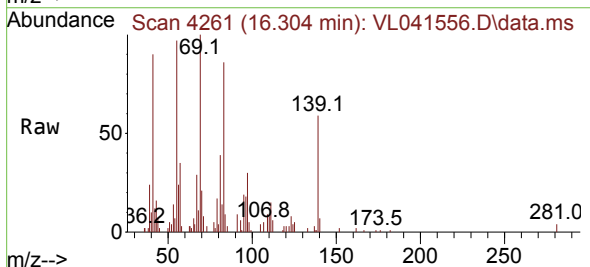
Instrument :
MSVOA_L
ClientSampleId :
SVI

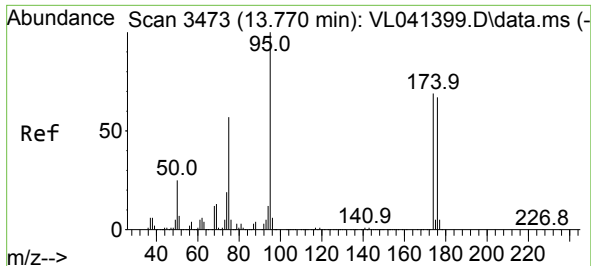
Tgt Ion:119 Resp: 51408
Ion Ratio Lower Upper
119 100
91 101.3 64.2 96.2#
134 1.9 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.047 ppbv
RT: 16.304 min Scan# 4261
Delta R.T. -0.042 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 91 Resp: 963
Ion Ratio Lower Upper
91 100
126 367.8 13.8 20.8#
128 22.9 4.4 6.6#

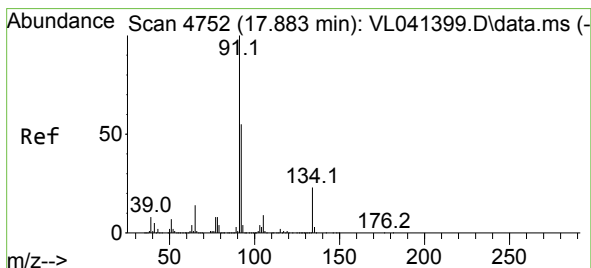
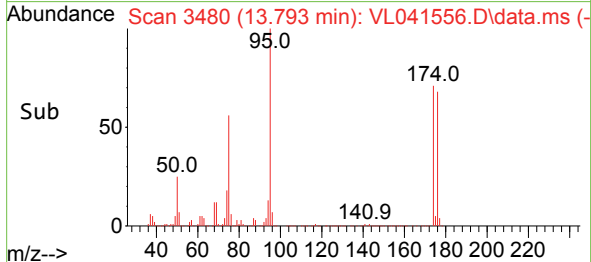
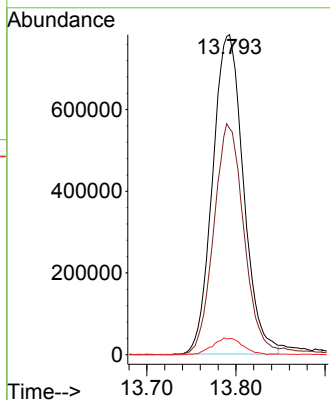
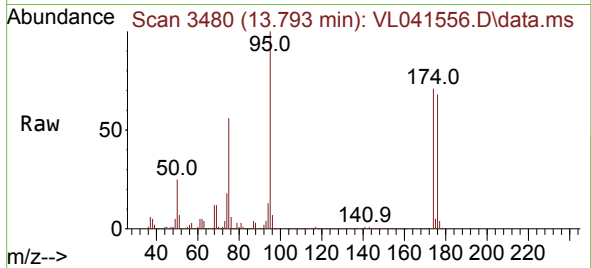




#68
1-Bromo-4-Fluorobenzene
Concen: 9.988 ppbv
RT: 13.793 min Scan# 3473
Delta R.T. -0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

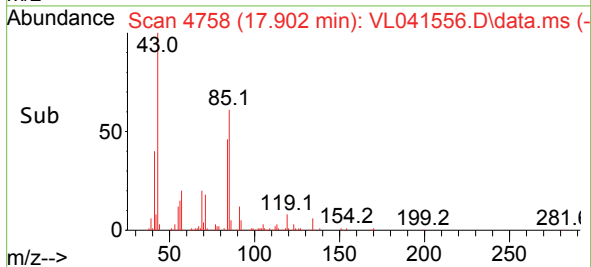
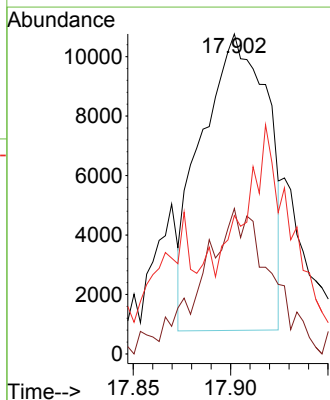
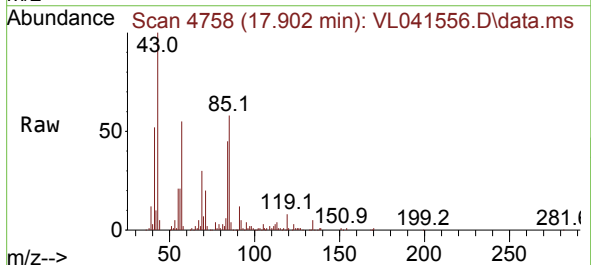
Instrument :
MSVOA_L
ClientSampleId :
SVI

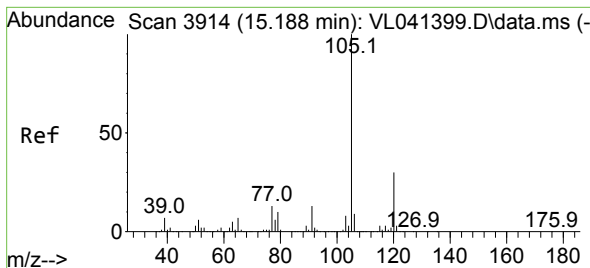
Tgt Ion: 95 Resp: 1880836
Ion Ratio Lower Upper
95 100
174 72.3 56.3 84.5
175 5.2 4.0 6.0



#70
n-Butylbenzene
Concen: 0.064 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. -0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion: 91 Resp: 23544
Ion Ratio Lower Upper
91 100
92 57.1 43.2 64.8
134 0.0 18.5 27.7#

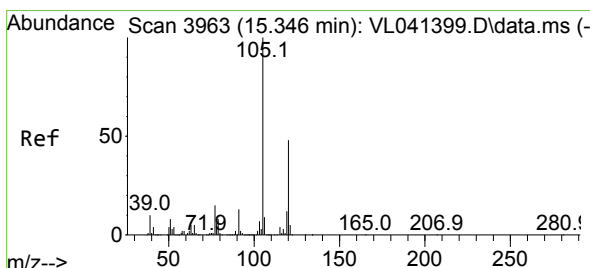
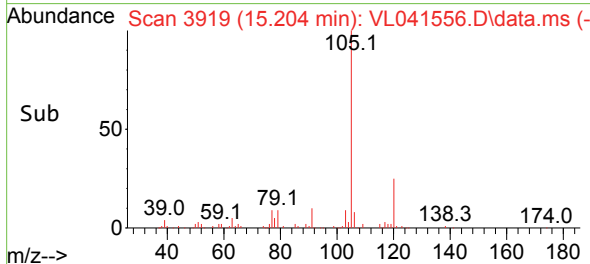
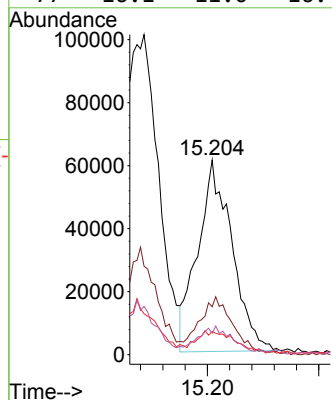
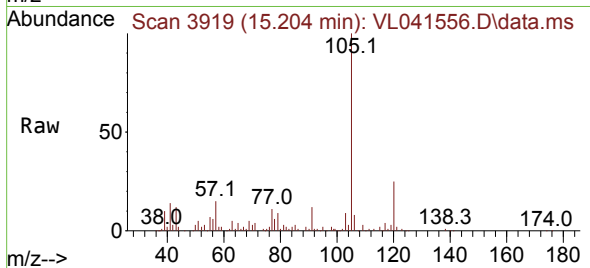




#72
4-Ethyltoluene
Concen: 0.478 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.010 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

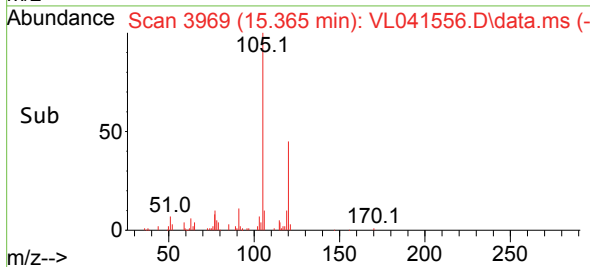
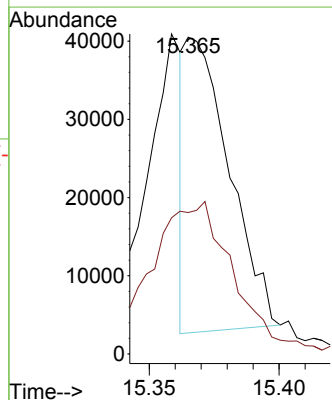
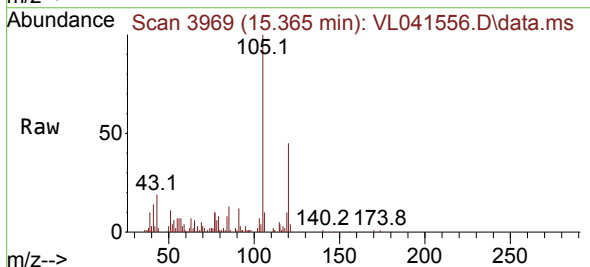
Instrument :
MSVOA_L
ClientSampleId :
SVI

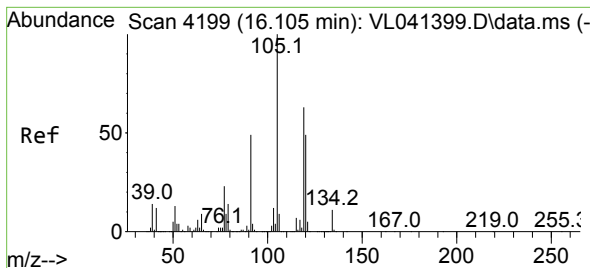
Tgt Ion:	105	Resp:	129555
Ion	Ratio	Lower	Upper
105	100		
120	30.0	24.2	36.2
91	13.0	10.4	15.6
77	16.1	11.0	16.4



#73
1,3,5-Trimethylbenzene
Concen: 0.189 ppbv
RT: 15.365 min Scan# 3969
Delta R.T. -0.006 min
Lab File: VL041556.D
Acq: 19 Aug 2024 20:53

Tgt Ion:	105	Resp:	44244
Ion	Ratio	Lower	Upper
105	100		
120	44.4	38.6	57.8





#74

1,2,4-Trimethylbenzene

Concen: 1.525 ppbv

RT: 16.121 min Scan# 4199

Delta R.T. -0.006 min

Lab File: VL041556.D

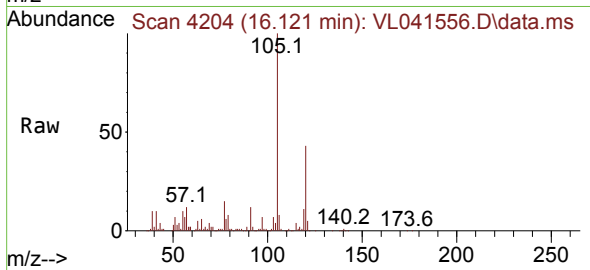
Acq: 19 Aug 2024 20:53

Instrument :

MSVOA_L

ClientSampleId :

SVI



Tgt Ion:105 Resp: 414176

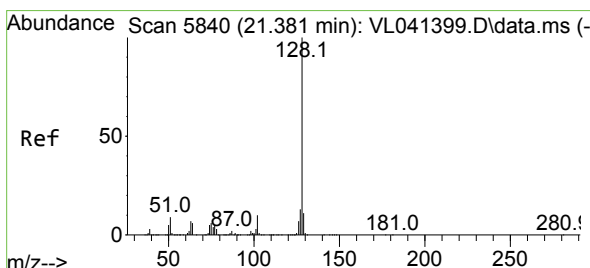
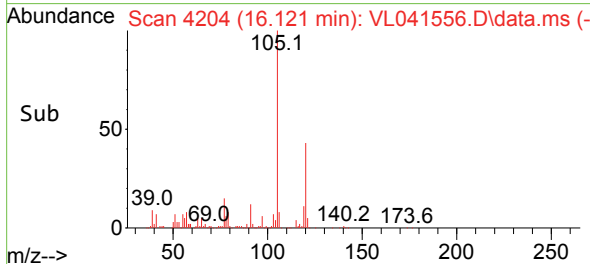
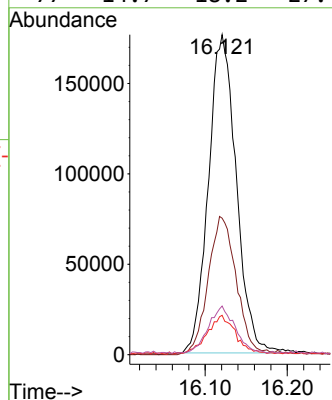
Ion Ratio Lower Upper

105 100

120 42.6 39.5 59.3

91 11.9 39.8 59.8#

77 14.7 18.2 27.4#



#79

Naphthalene

Concen: 0.101 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. -0.006 min

Lab File: VL041556.D

Acq: 19 Aug 2024 20:53

Tgt Ion:128 Resp: 24128

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 13.6 9.0 13.4#

