

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041389.D
 Acq On : 22 Jul 2024 16:53
 Operator : SY/MD
 Sample : P3259-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 23 03:16:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jul 23 02:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	984299	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2521908	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2281123	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1764654	10.321	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.200%

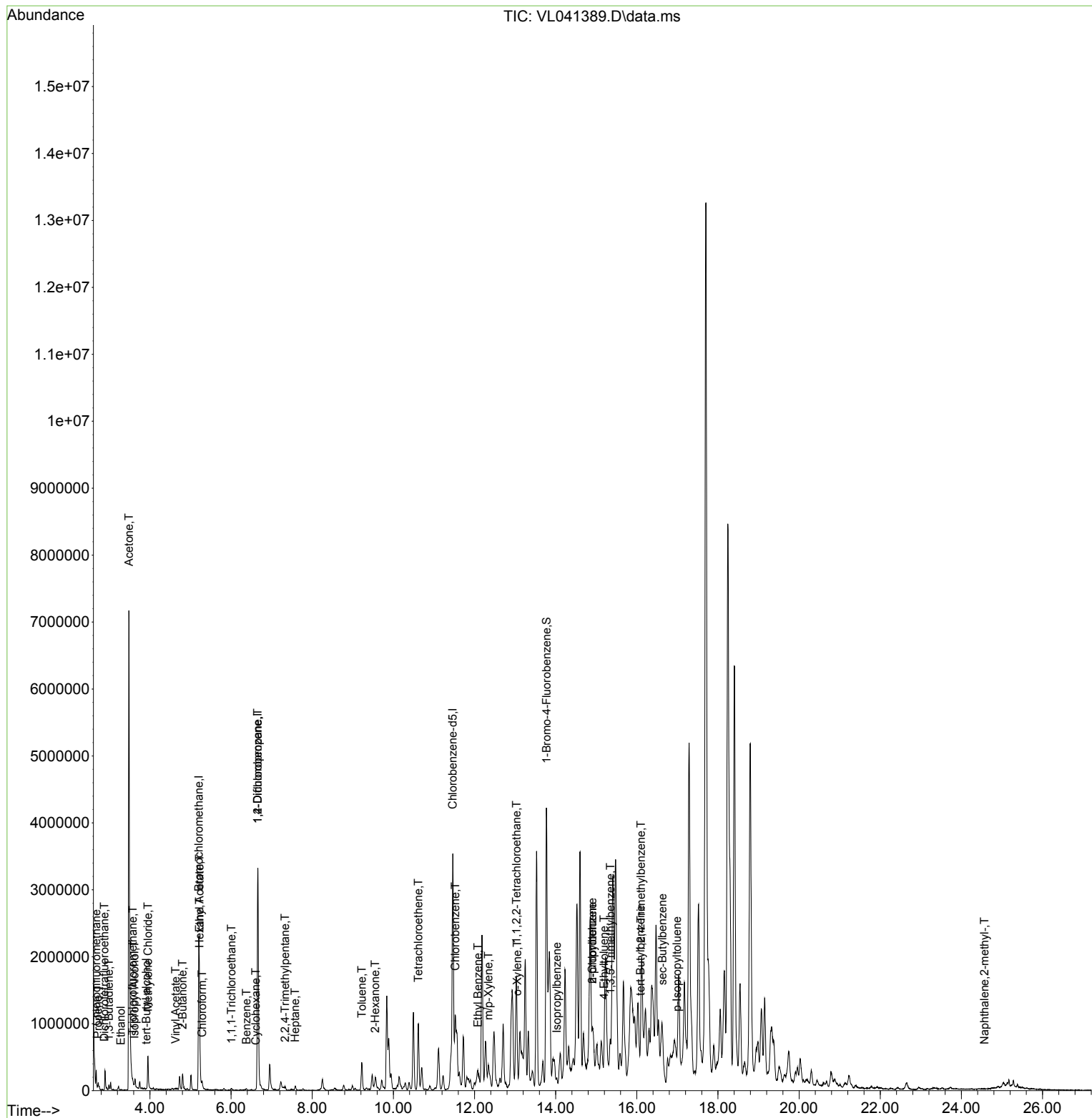
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.677	51	101910	0.600	ppbv #	67
8) Dichlorotetrafluoroethane	2.880	85	5465	0.033	ppbv	94
9) Propene	2.722	41	28500	0.485	ppbv	91
10) Heptane	5.577	43	12050	0.087	ppbv #	27
11) Trichlorofluoromethane	3.578	101	17964	0.110	ppbv	94
13) Ethanol	3.285	45	5505	0.423	ppbv #	1
15) Acetone	3.481	43	8101191	62.318	ppbv	91
16) 1,3-Butadiene	2.992	39	21833	0.353	ppbv #	27
17) tert-Butyl alcohol	3.915	59	3660	0.036	ppbv #	72
19) Isopropyl Alcohol	3.619	45	22065	0.309	ppbv #	94
20) Methylene Chloride	3.951	84	165022	3.498	ppbv	97
23) Vinyl Acetate	4.632	43	15107	0.118	ppbv #	77
25) Ethyl Acetate	5.221	43	445885	1.863	ppbv #	94
26) Hexane	5.224	57	311798	2.942	ppbv #	70
29) Chloroform	5.285	83	49217	0.301	ppbv	91
30) Cyclohexane	6.610	84	2905	0.034	ppbv #	1
32) 1,1,1-Trichloroethane	6.008	97	13974	0.081	ppbv	97
34) 2-Butanone	4.806	43	283015	2.127	ppbv	96
36) Benzene	6.381	78	7318	0.035	ppbv #	93
39) 1,2-Dichloropropane	6.658	63	649145	8.048	ppbv #	22
44) 2,2,4-Trimethylpentane	7.333	57	29038	0.082	ppbv #	64
51) 2-Hexanone	9.555	43	82622	0.544	ppbv #	30
52) Tetrachloroethene	10.619	164	218177	2.603	ppbv	96
53) Toluene	9.220	91	195132	0.829	ppbv #	52
57) Chlorobenzene	11.526	112	33401	0.187	ppbv #	61
58) Ethyl Benzene	12.085	91	73062	0.239	ppbv	89
59) m/p-Xylene	12.342	91	227401	0.861	ppbv	92
60) o-Xylene	13.053	91	76765	0.308	ppbv #	30
62) Isopropylbenzene	14.027	105	51969	0.135	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.037	83	23486	0.120	ppbv #	88
64) n-propylbenzene	14.908	120	5384	0.054	ppbv #	1
65) tert-Butylbenzene	16.088	119	14228	0.042	ppbv #	24
67) sec-Butylbenzene	16.632	105	72875	0.150	ppbv	96
69) p-Isopropyltoluene	16.989	119	23034	0.058	ppbv #	47
71) 2-Chlorotoluene	14.908	91	112478	0.393	ppbv	67
72) 4-Ethyltoluene	15.191	105	40386	0.136	ppbv #	45
73) 1,3,5-Trimethylbenzene	15.349	105	115985	0.456	ppbv	92
74) 1,2,4-Trimethylbenzene	16.101	105	121448	0.424	ppbv #	75
80) Naphthalene,2-methyl-	24.567	142	41	0.101	ppbv #	1

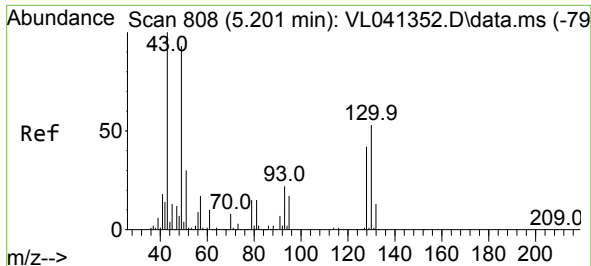
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VL041389.D
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Sample : P3259-01 4X
Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
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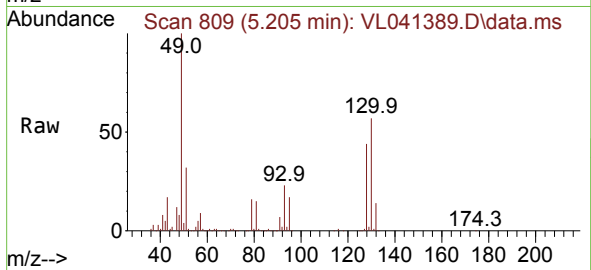
Quant Time: Jul 23 03:16:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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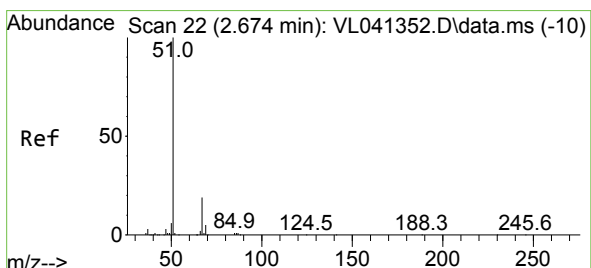
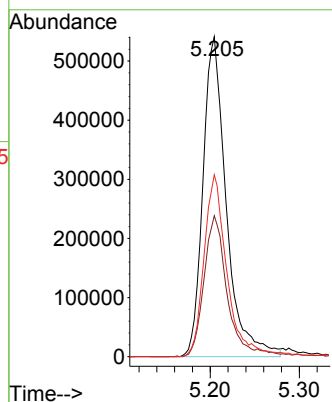
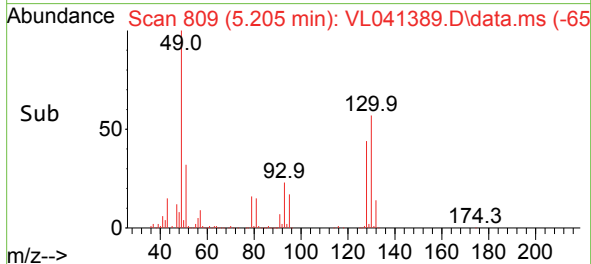


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Instrument :
MSVOA_L
ClientSampleId :

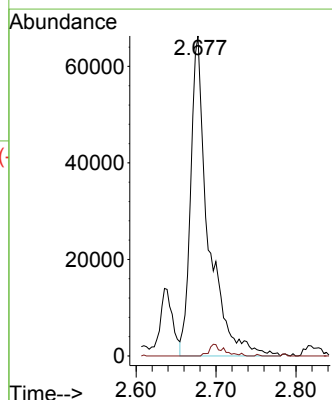
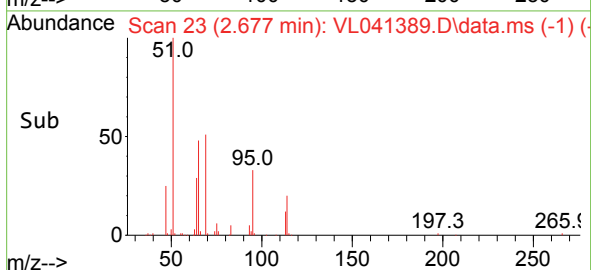
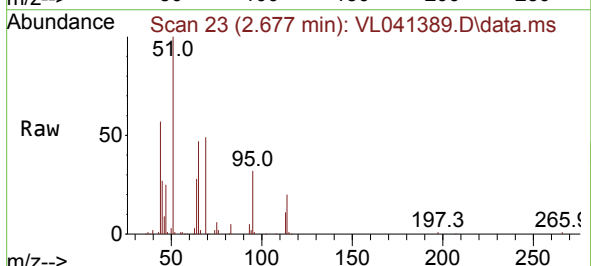


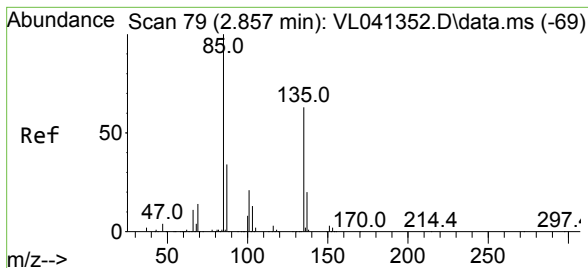
Tgt Ion: 49 Resp: 984299
Ion Ratio Lower Upper
49 100
128 44.6 22.8 68.3
130 57.1 28.9 86.7



#3
Chlorodifluoromethane
Concen: 0.600 ppbv
RT: 2.677 min Scan# 23
Delta R.T. -0.042 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion: 51 Resp: 101910
Ion Ratio Lower Upper
51 100
67 3.1 14.3 21.5#

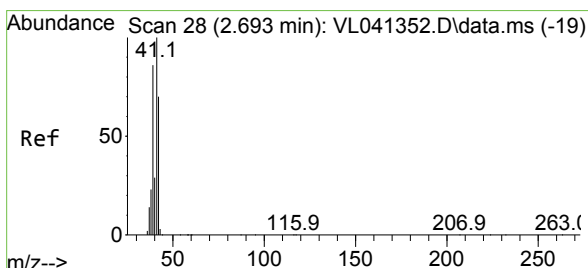
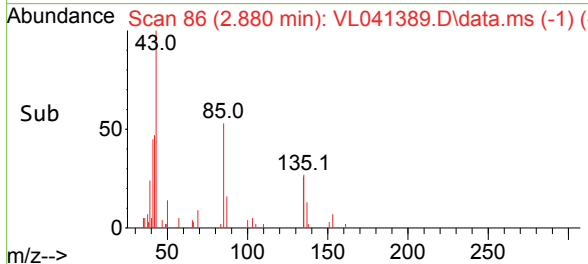
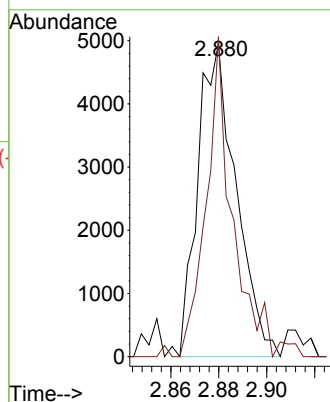
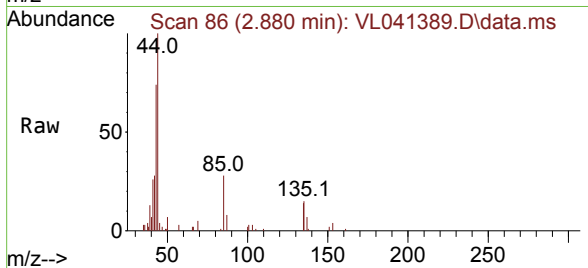




#8
 Dichlorotetrafluoroethane
 Concen: 0.033 ppbv
 RT: 2.880 min Scan# 80
 Delta R.T. -0.016 min
 Lab File: VL041389.D
 Acq: 22 Jul 2024 16:53

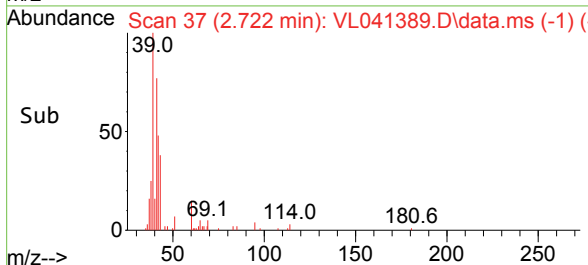
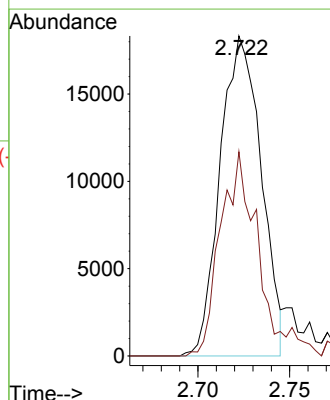
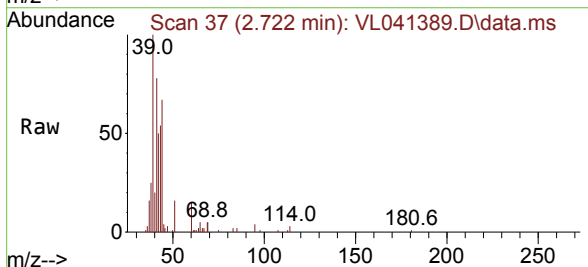
Instrument :
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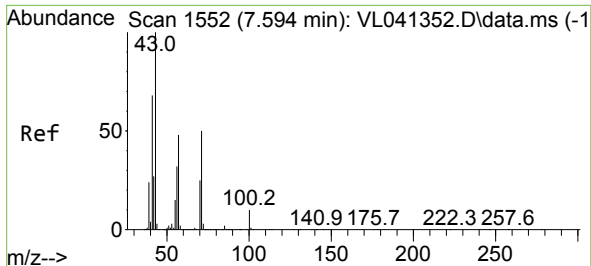
Tgt Ion: 85 Resp: 5465
 Ion Ratio Lower Upper
 85 100
 135 72.1 53.7 80.5



#9
 Propene
 Concen: 0.485 ppbv
 RT: 2.722 min Scan# 37
 Delta R.T. -0.013 min
 Lab File: VL041389.D
 Acq: 22 Jul 2024 16:53

Tgt Ion: 41 Resp: 28500
 Ion Ratio Lower Upper
 41 100
 42 62.1 55.8 83.8

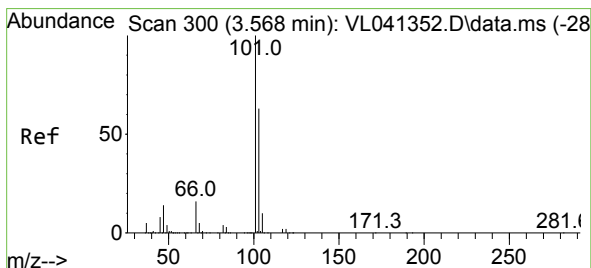
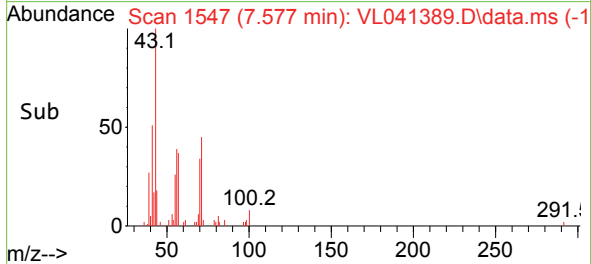
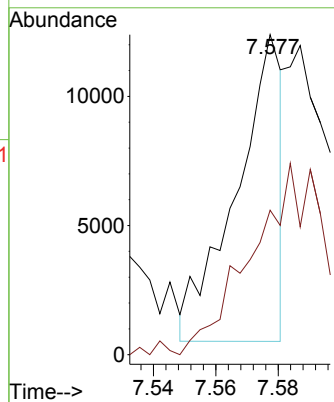
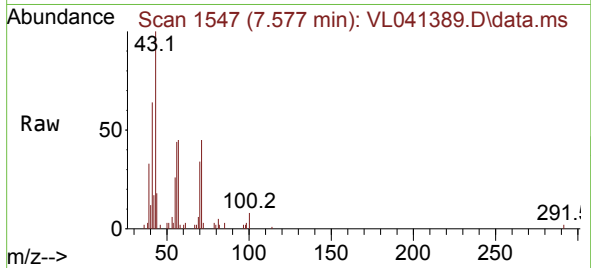




#10
 Heptane
 Concen: 0.087 ppbv
 RT: 7.577 min Scan# 11
 Delta R.T. -0.013 min
 Lab File: VL041389.D
 Acq: 22 Jul 2024 16:53

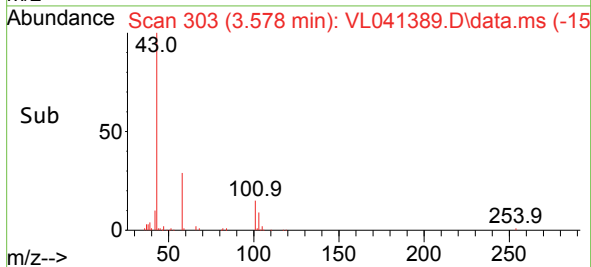
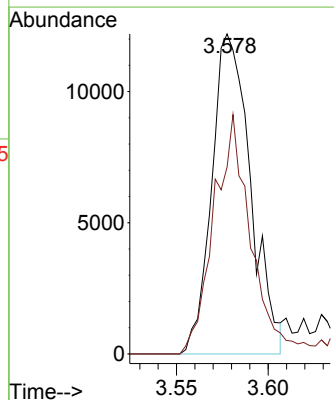
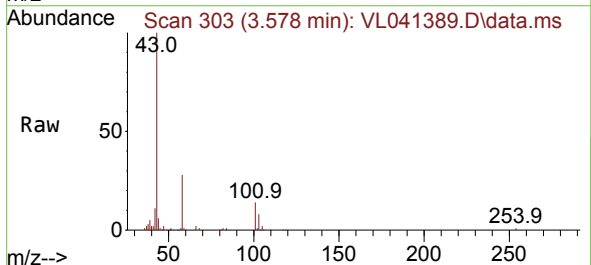
Instrument :
 MSVOA_L
 ClientSampleId :

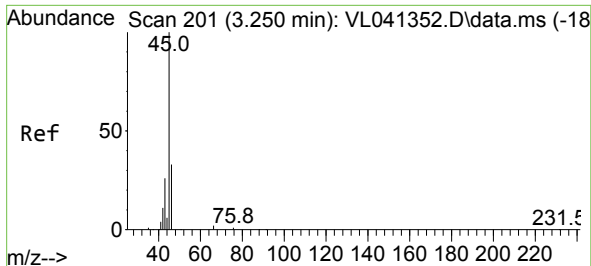
Tgt Ion: 43 Resp: 12050
 Ion Ratio Lower Upper
 43 100
 57 0.0 40.3 60.5#



#11
 Trichlorofluoromethane
 Concen: 0.110 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. -0.016 min
 Lab File: VL041389.D
 Acq: 22 Jul 2024 16:53

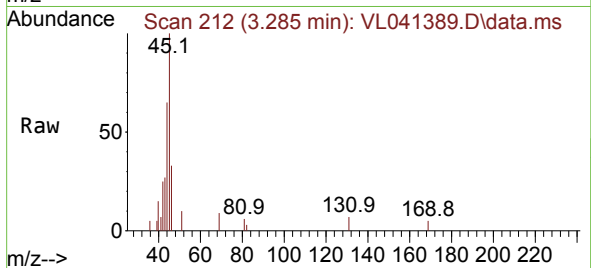
Tgt Ion:101 Resp: 17964
 Ion Ratio Lower Upper
 101 100
 103 58.4 50.5 75.7



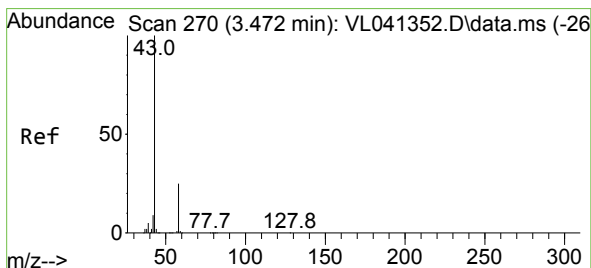
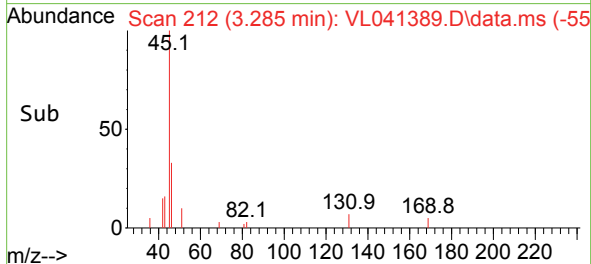
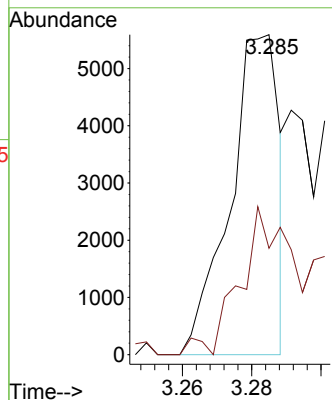


#13
Ethanol
Concen: 0.423 ppbv
RT: 3.285 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Instrument :
MSVOA_L
ClientSampleId :

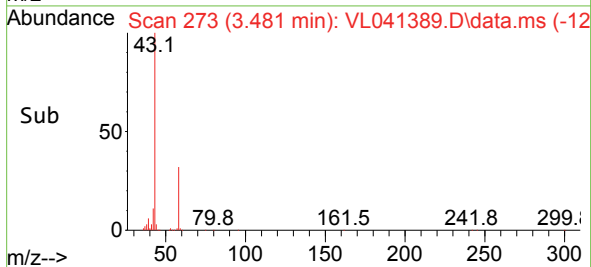
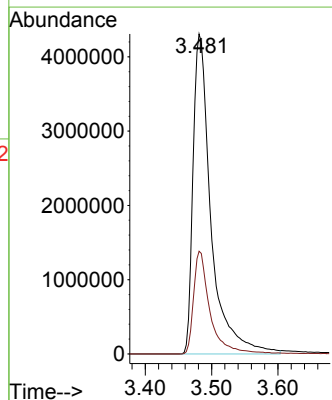
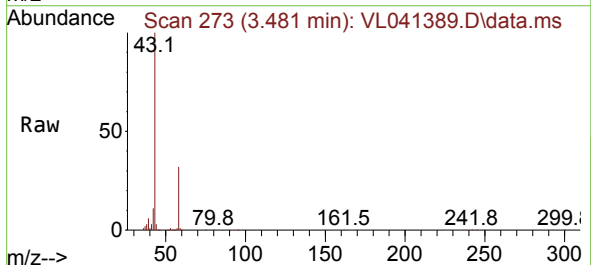


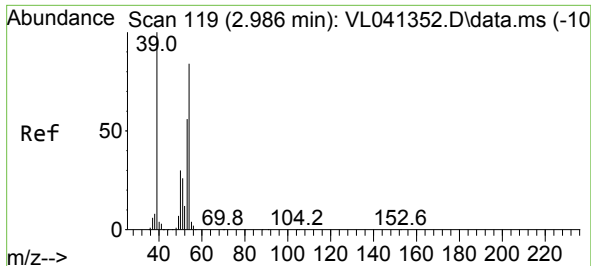
Tgt Ion: 45 Resp: 5505
Ion Ratio Lower Upper
45 100
46 104.5 13.3 53.3#



#15
Acetone
Concen: 62.318 ppbv
RT: 3.481 min Scan# 273
Delta R.T. -0.019 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion: 43 Resp: 8101191
Ion Ratio Lower Upper
43 100
58 30.0 20.3 30.5

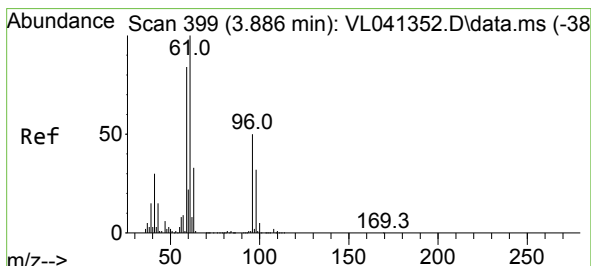
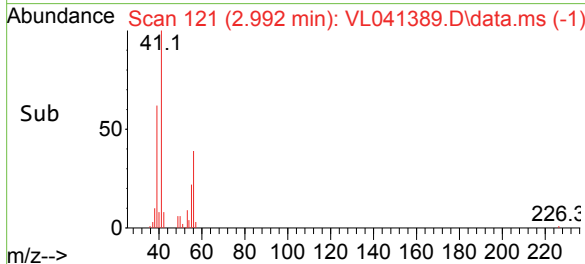
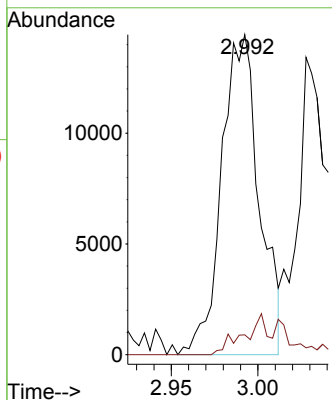
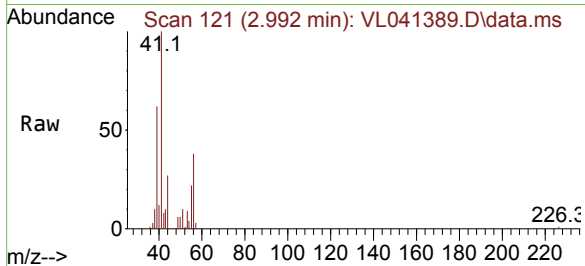




#16
1,3-Butadiene
Concen: 0.353 ppbv
RT: 2.992 min Scan# 119
Delta R.T. -0.032 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

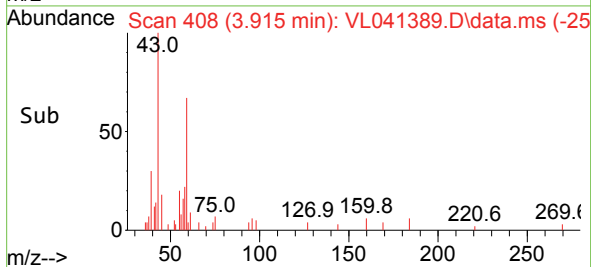
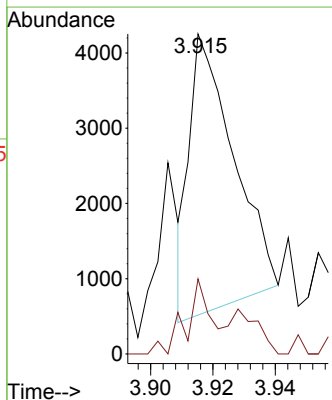
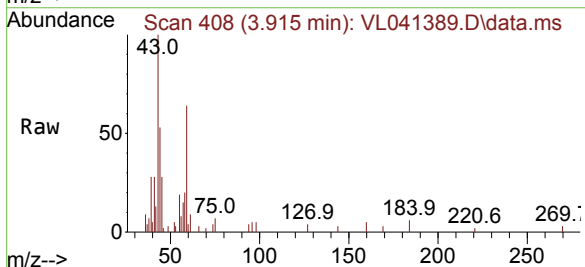
Instrument :
MSVOA_L
ClientSampleId :

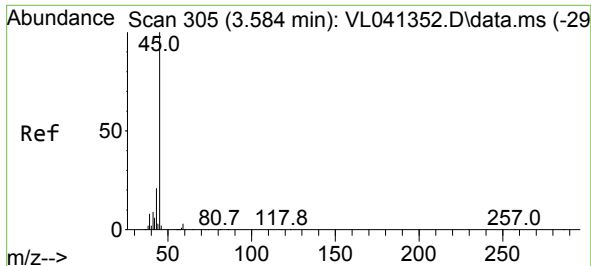
Tgt Ion: 39 Resp: 21833
Ion Ratio Lower Upper
39 100
54 13.2 60.5 90.7#



#17
tert-Butyl alcohol
Concen: 0.036 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

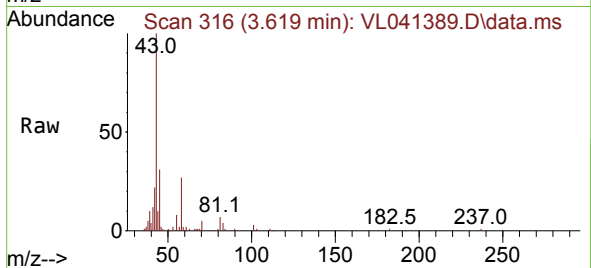
Tgt Ion: 59 Resp: 3660
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



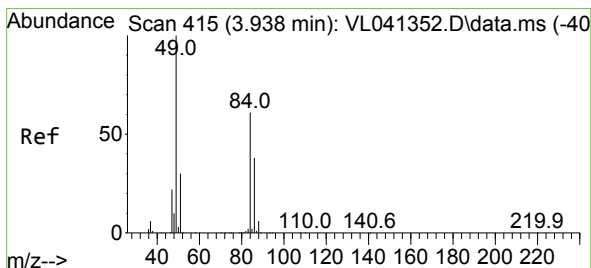
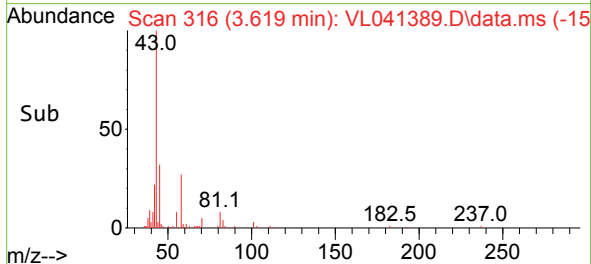
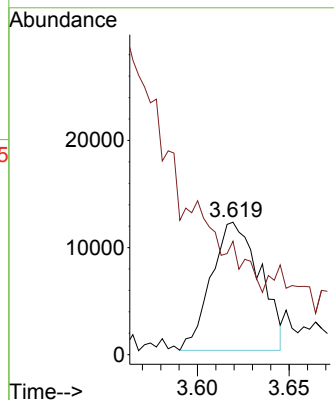


#19
Isopropyl Alcohol
Concen: 0.309 ppbv
RT: 3.619 min Scan# 316
Delta R.T. 0.010 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Instrument :
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ClientSampleId :

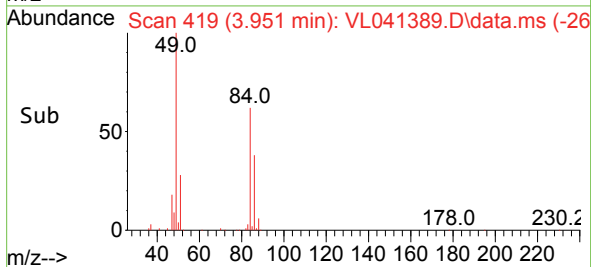
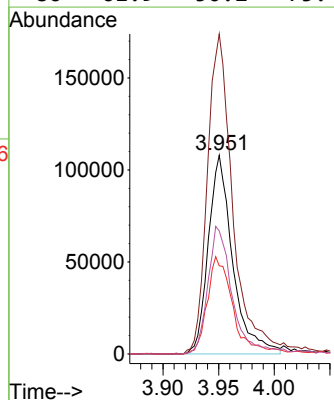
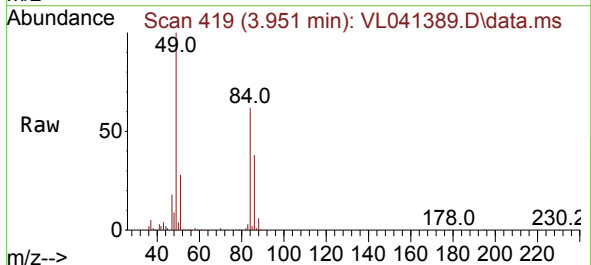


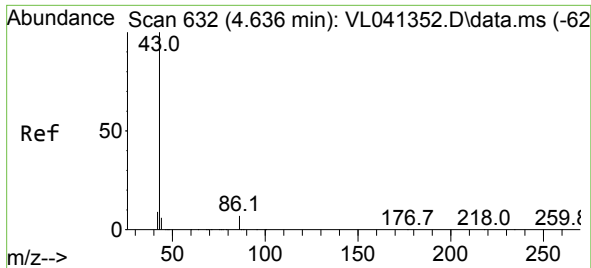
Tgt Ion: 45 Resp: 22065
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4#



#20
Methylene Chloride
Concen: 3.498 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.013 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

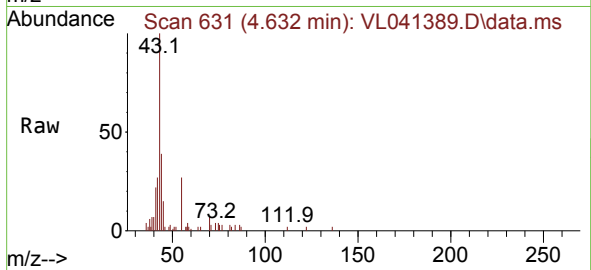
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Ion Ratio Lower Upper
84 100
49 161.0 131.8 197.6
51 44.4 39.6 59.4
86 61.9 50.2 75.4



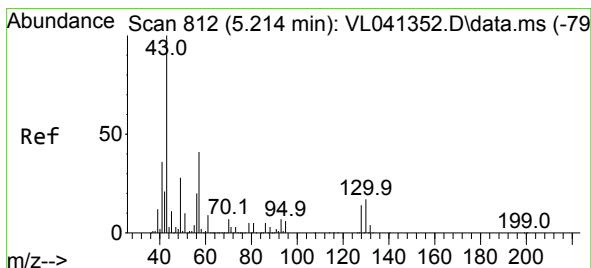
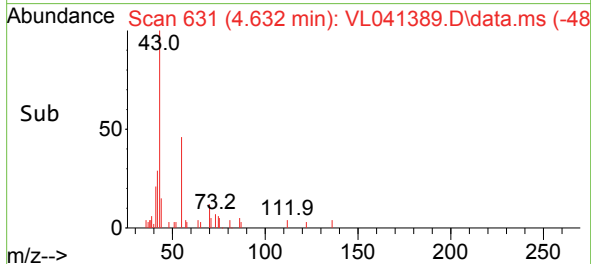
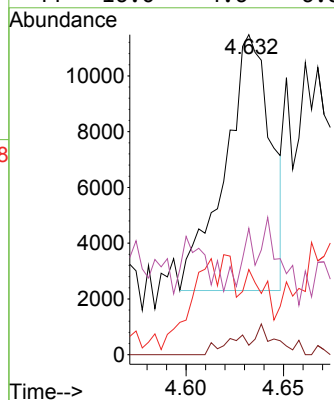


#23
 Vinyl Acetate
 Concen: 0.118 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL041389.D
 Acq: 22 Jul 2024 16:53

Instrument :
 MSVOA_L
 ClientSampleId :

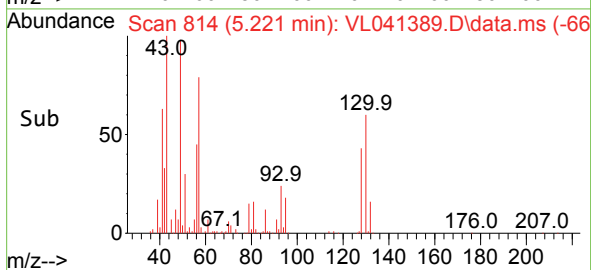
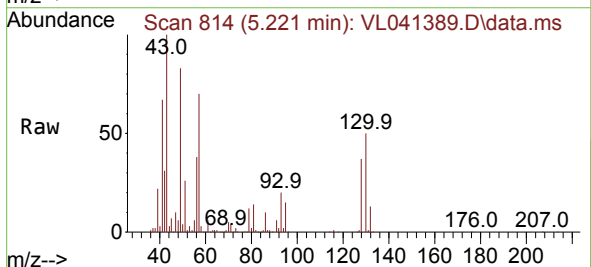
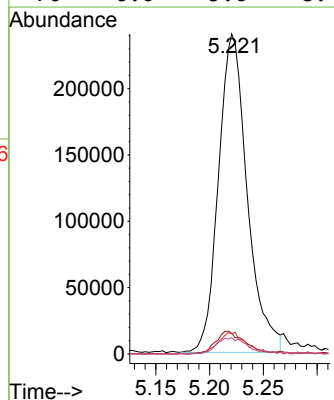


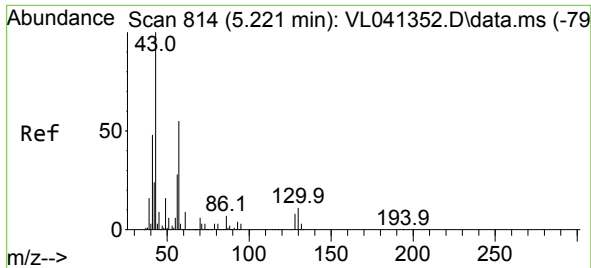
Tgt Ion:	43	Resp:	15107
Ion	Ratio	Lower	Upper
43	100		
86	3.7	5.0	7.4#
42	20.6	7.9	11.9#
44	16.0	4.6	6.8#



#25
 Ethyl Acetate
 Concen: 1.863 ppbv
 RT: 5.221 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: VL041389.D
 Acq: 22 Jul 2024 16:53

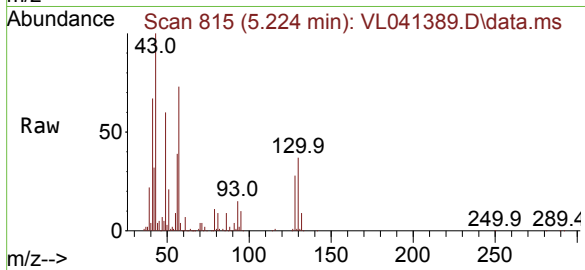
Tgt Ion:	43	Resp:	445885
Ion	Ratio	Lower	Upper
43	100		
45	7.3	8.3	12.5#
61	7.2	7.7	11.5#
70	6.0	5.6	8.4



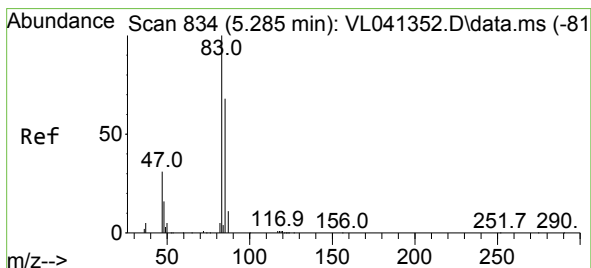
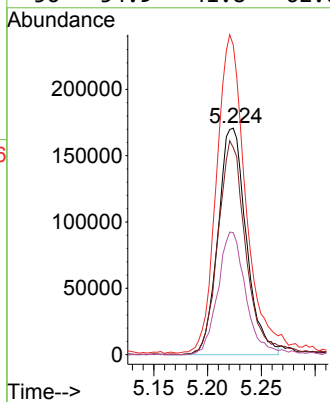
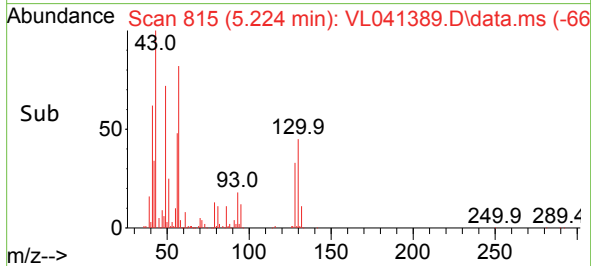


#26
Hexane
Concen: 2.942 ppbv
RT: 5.224 min Scan# 814
Delta R.T. -0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

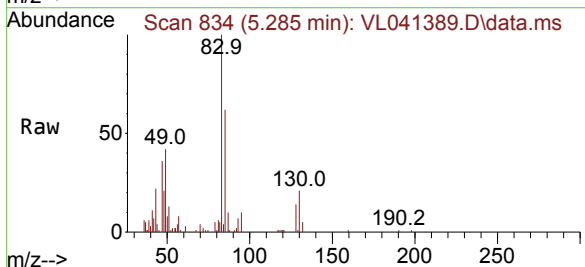
Instrument :
MSVOA_L
ClientSampleId :



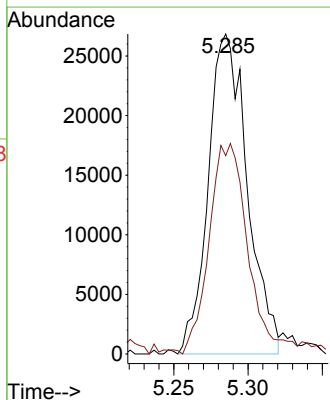
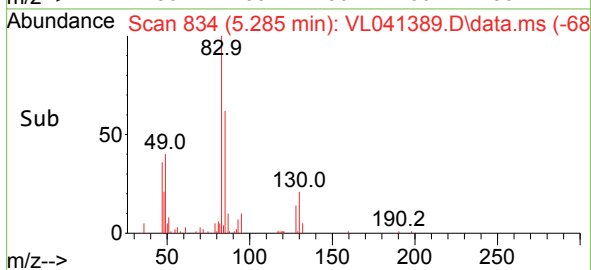
Tgt Ion: 57 Resp: 311798
Ion Ratio Lower Upper
57 100
41 93.5 73.7 110.5
43 149.6 182.2 273.2#
56 54.9 41.8 62.6

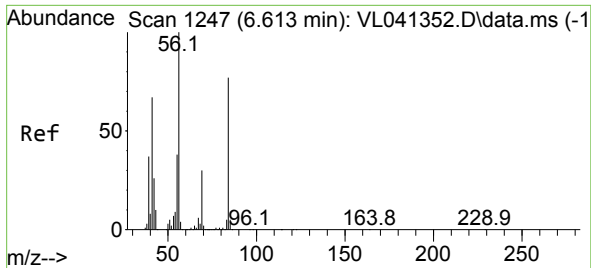


#29
Chloroform
Concen: 0.301 ppbv
RT: 5.285 min Scan# 834
Delta R.T. -0.010 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53



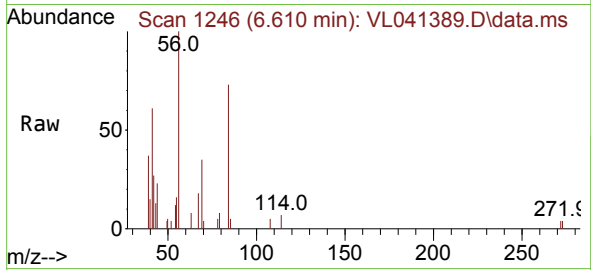
Tgt Ion: 83 Resp: 49217
Ion Ratio Lower Upper
83 100
85 60.9 54.2 81.4



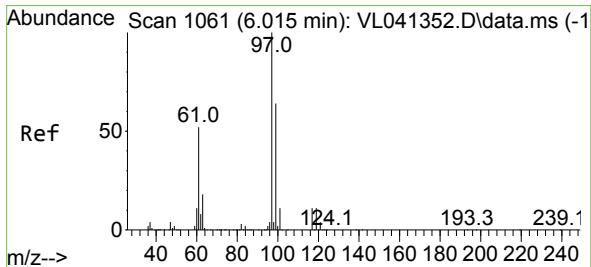
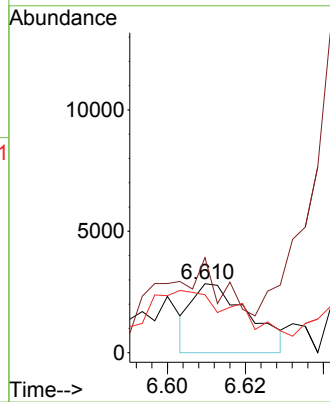
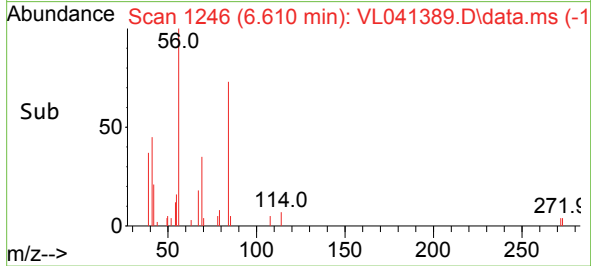


#30
Cyclohexane
Concen: 0.034 ppbv
RT: 6.610 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Instrument :
MSVOA_L
ClientSampleId :

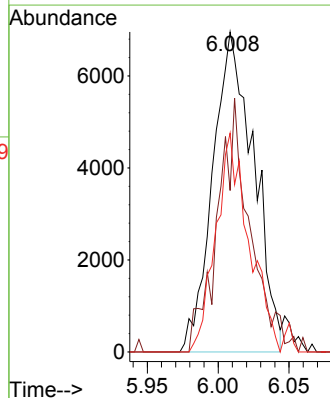
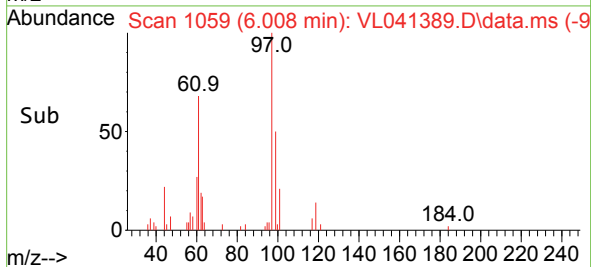
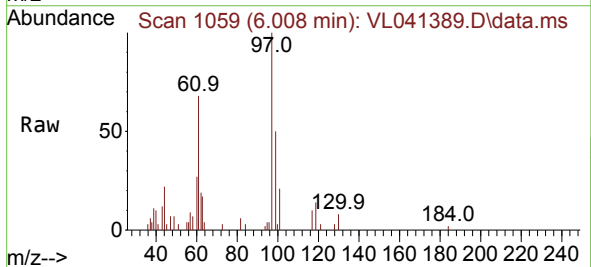


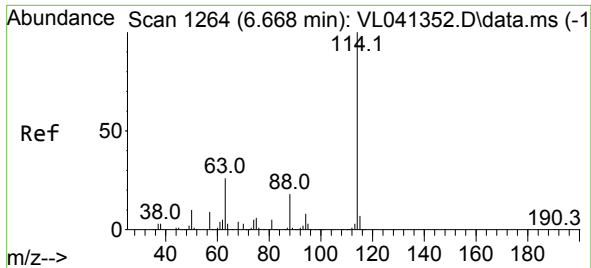
Tgt Ion: 84 Resp: 2905
Ion Ratio Lower Upper
84 100
56 0.0 112.4 168.6#
41 0.0 72.7 109.1#



#32
1,1,1-Trichloroethane
Concen: 0.081 ppbv
RT: 6.008 min Scan# 1059
Delta R.T. -0.010 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion: 97 Resp: 13974
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 57.0 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL041389.D

Acq: 22 Jul 2024 16:53

Instrument :

MSVOA_L

ClientSampleId :

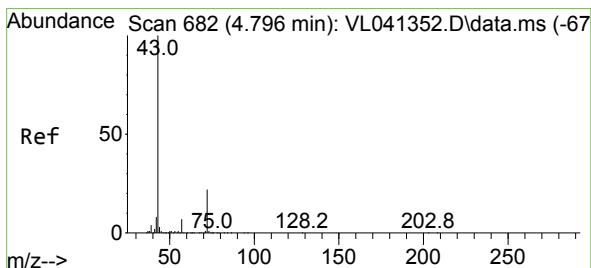
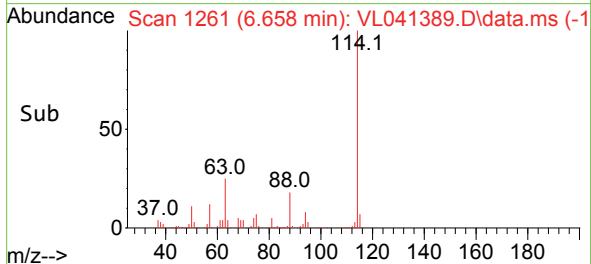
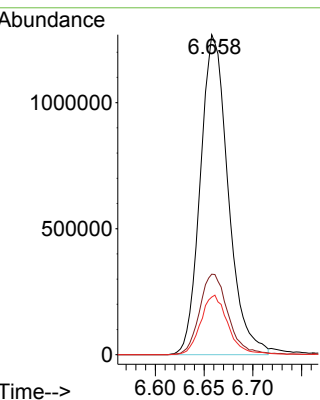
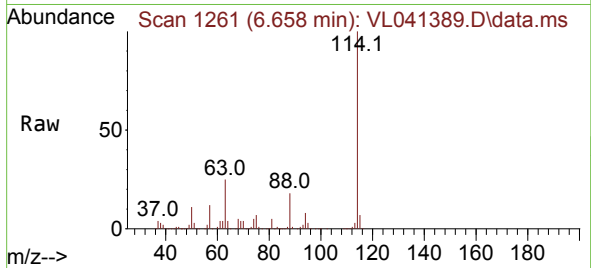
Tgt Ion:114 Resp: 2521908

Ion Ratio Lower Upper

114 100

63 26.2 20.6 31.0

88 18.5 14.6 21.8



#34

2-Butanone

Concen: 2.127 ppbv

RT: 4.806 min Scan# 685

Delta R.T. -0.003 min

Lab File: VL041389.D

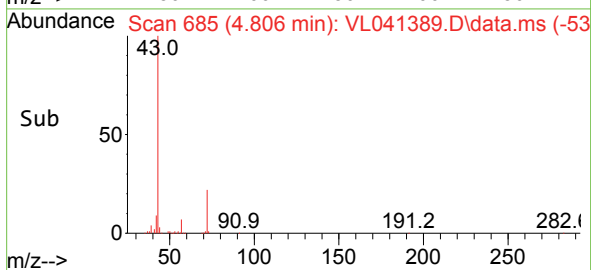
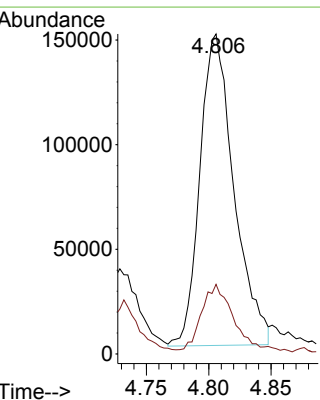
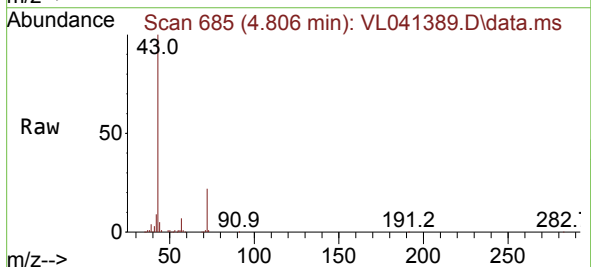
Acq: 22 Jul 2024 16:53

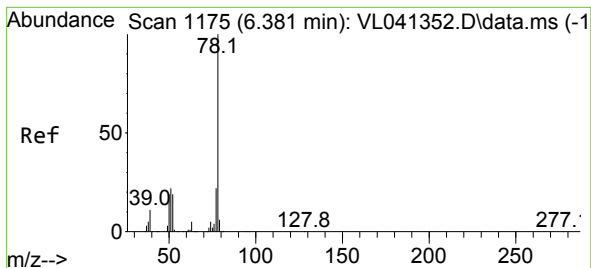
Tgt Ion: 43 Resp: 283015

Ion Ratio Lower Upper

43 100

72 23.5 17.2 25.8





#36

Benzene

Concen: 0.035 ppbv

RT: 6.381 min Scan# 1175

Delta R.T. -0.006 min

Lab File: VL041389.D

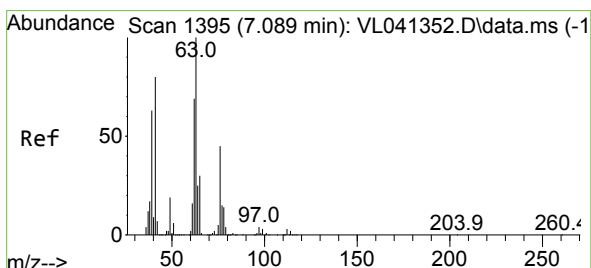
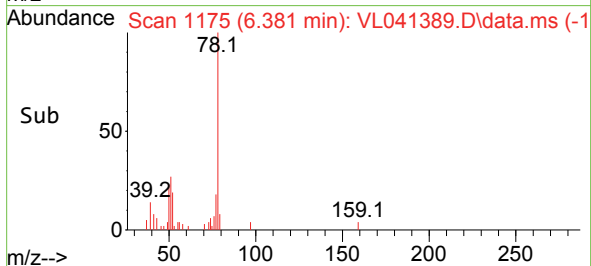
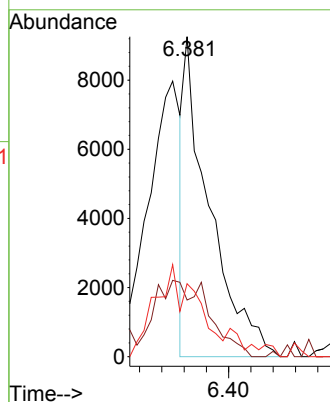
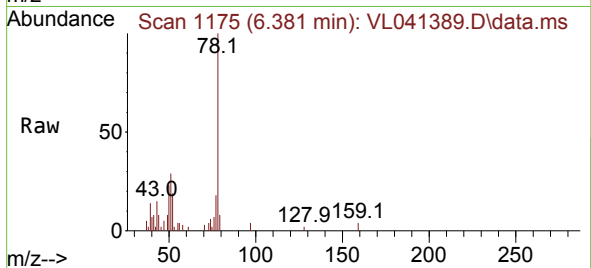
Acq: 22 Jul 2024 16:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 78	Resp: 7318
Ion Ratio	Lower Upper
78 100	
77 17.7	17.9 26.9#
50 21.1	15.5 23.3



#39

1,2-Dichloropropane

Concen: 8.048 ppbv

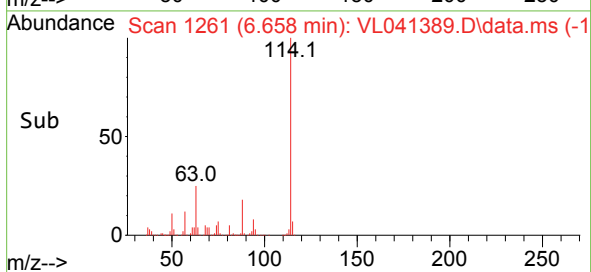
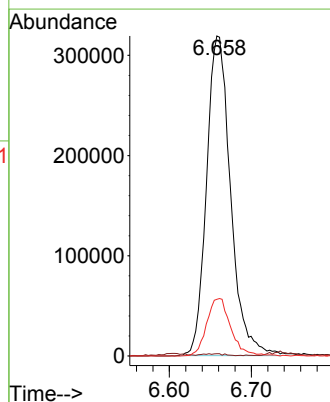
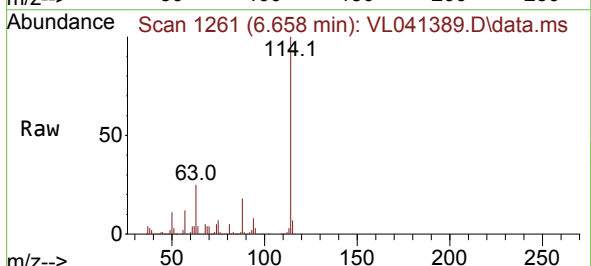
RT: 6.658 min Scan# 1261

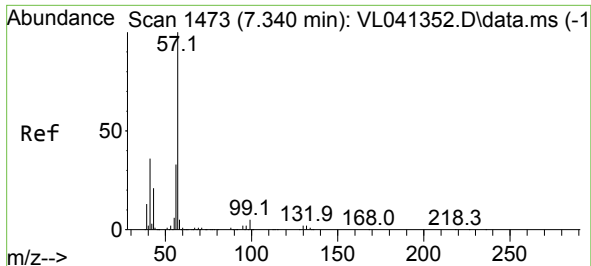
Delta R.T. -0.431 min

Lab File: VL041389.D

Acq: 22 Jul 2024 16:53

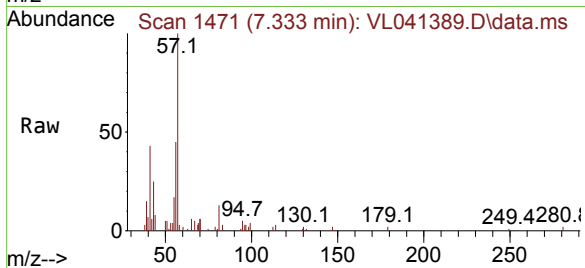
Tgt Ion: 63	Resp: 649145
Ion Ratio	Lower Upper
63 100	
41 0.0	64.0 96.0#
62 17.7	55.2 82.8#





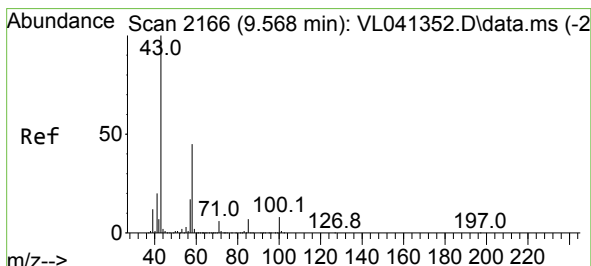
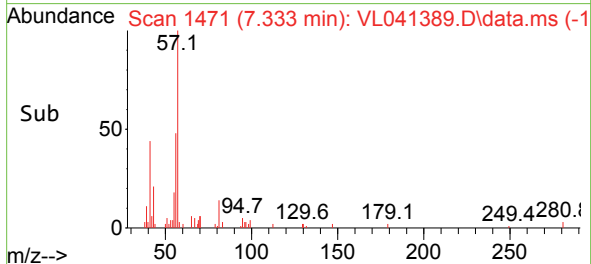
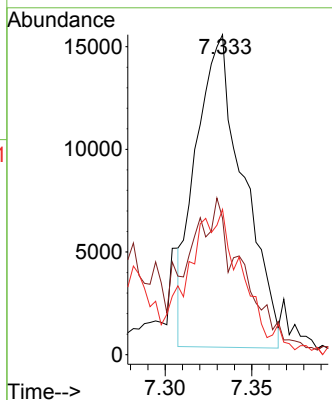
#44
2,2,4-Trimethylpentane
Concen: 0.082 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 29038

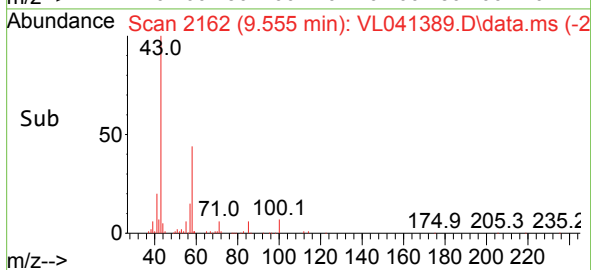
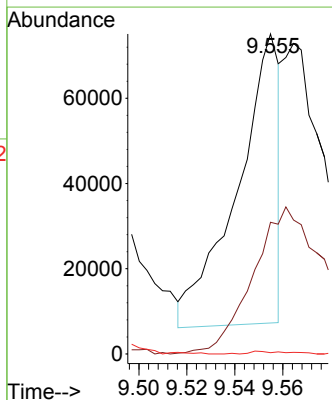
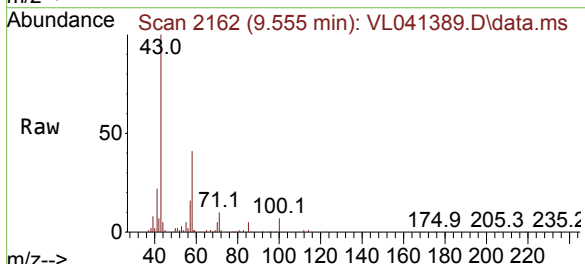
Ion	Ratio	Lower	Upper
57	100		
41	55.8	29.6	44.4#
56	55.0	25.7	38.5#

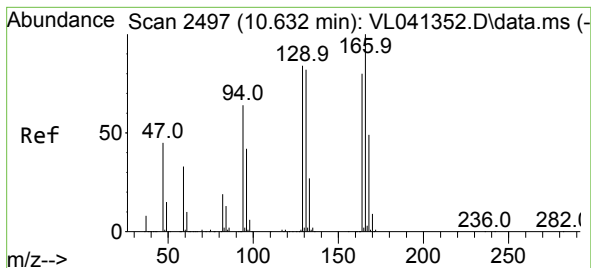


#51
2-Hexanone
Concen: 0.544 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion: 43 Resp: 82622

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.0	57.0#
98	0.0	0.2	0.2#





#52

Tetrachloroethene

Concen: 2.603 ppbv

RT: 10.619 min Scan# 2493

Delta R.T. 0.000 min

Lab File: VL041389.D

Acq: 22 Jul 2024 16:53

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:164 Resp: 218177

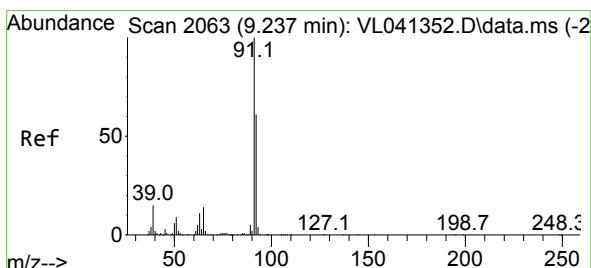
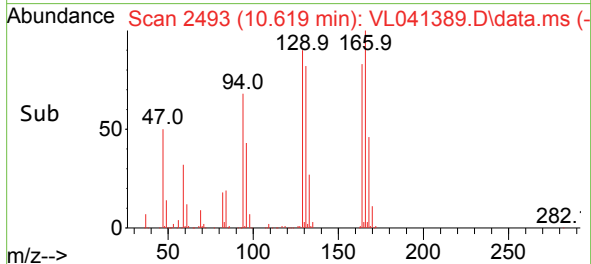
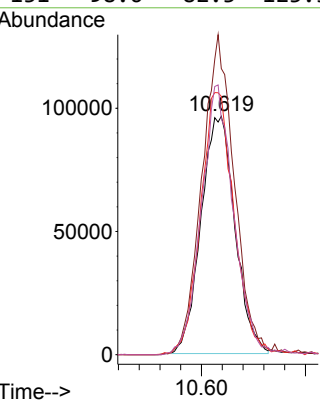
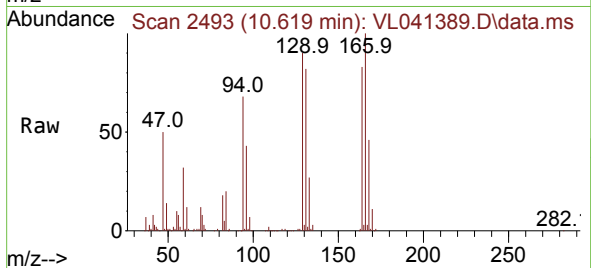
Ion Ratio Lower Upper

164 100

166 120.2 99.8 149.8

129 108.2 83.8 125.6

131 98.6 82.3 123.5



#53

Toluene

Concen: 0.829 ppbv

RT: 9.220 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VL041389.D

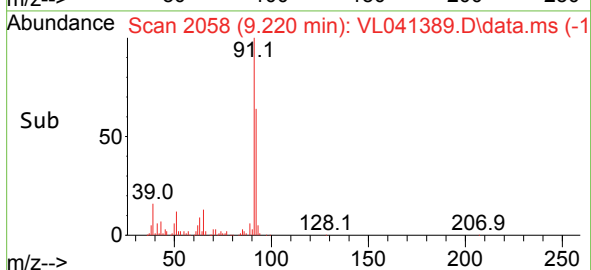
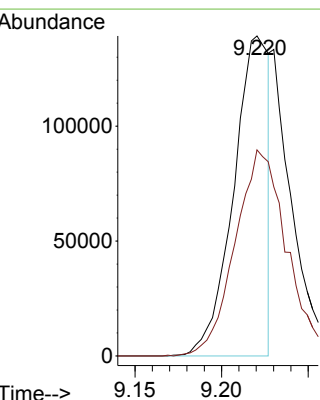
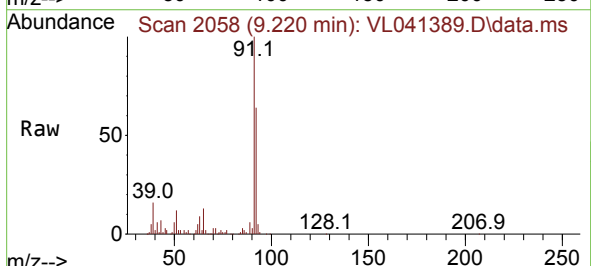
Acq: 22 Jul 2024 16:53

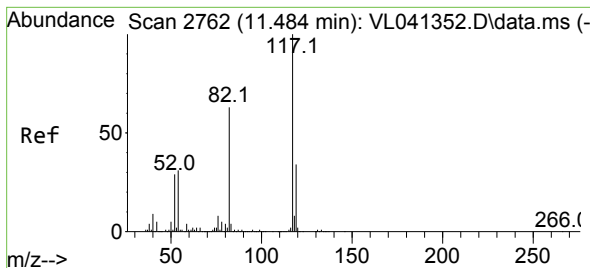
Tgt Ion: 91 Resp: 195132

Ion Ratio Lower Upper

91 100

92 97.0 48.5 72.7#

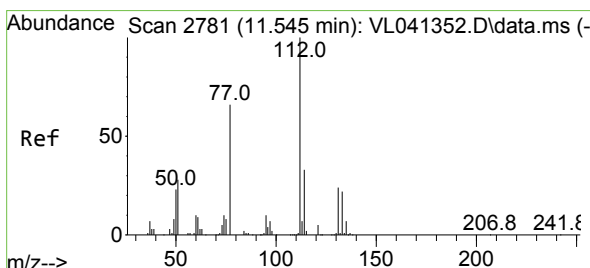
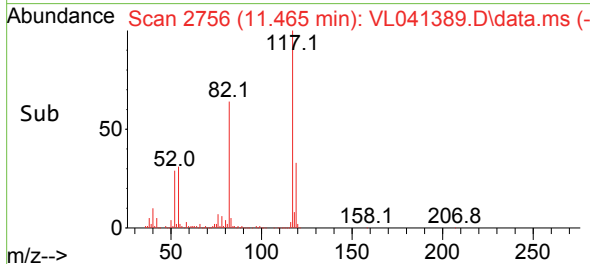
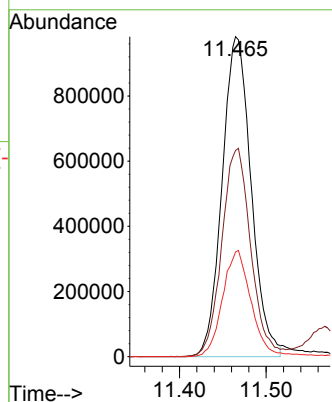
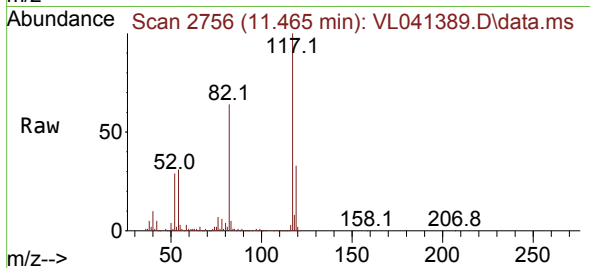




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

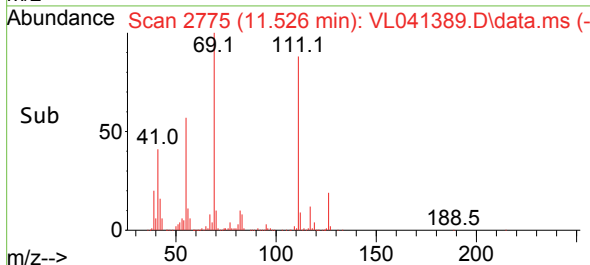
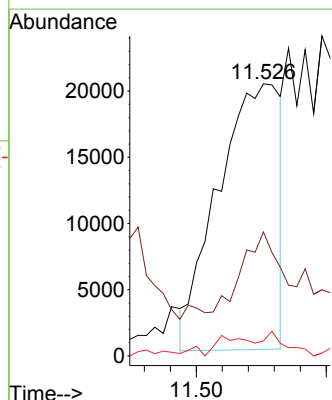
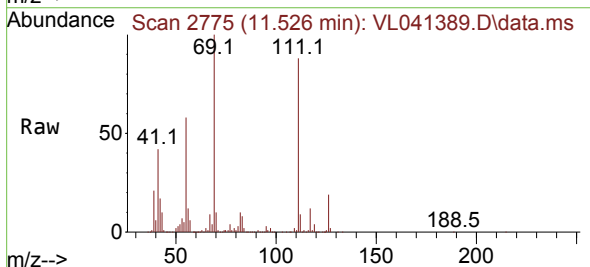
Instrument :
MSVOA_L
ClientSampleId :

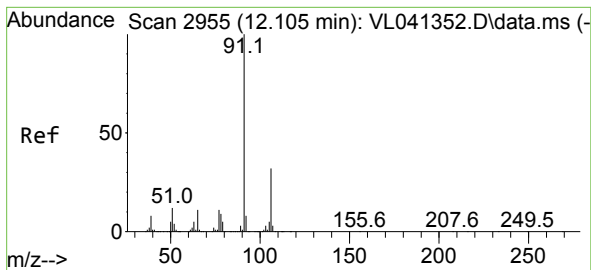
Tgt Ion:117 Resp: 2281123
Ion Ratio Lower Upper
117 100
82 65.4 50.6 75.8
119 33.8 24.7 37.1



#57
Chlorobenzene
Concen: 0.187 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion:112 Resp: 33401
Ion Ratio Lower Upper
112 100
77 38.9 53.2 79.8#
114 5.6 30.1 36.7#

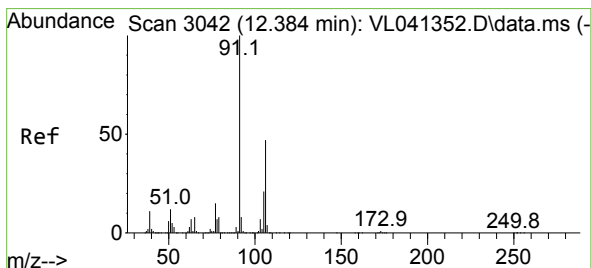
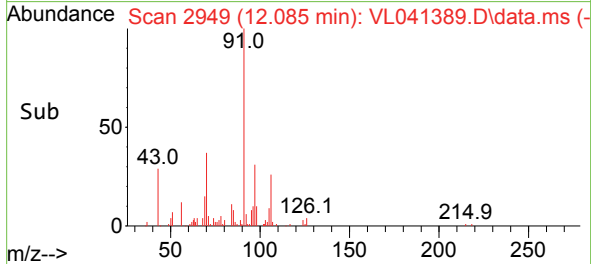
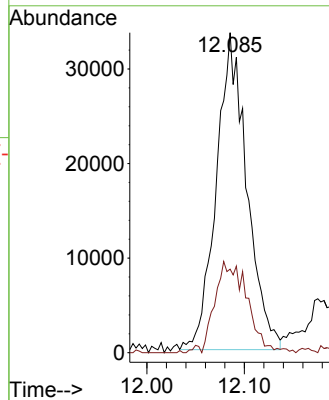
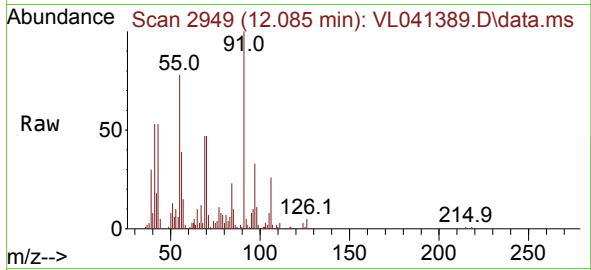




#58
Ethyl Benzene
Concen: 0.239 ppbv
RT: 12.085 min Scan# 2955
Delta R.T. -0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

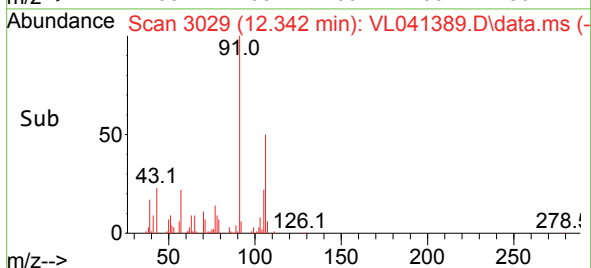
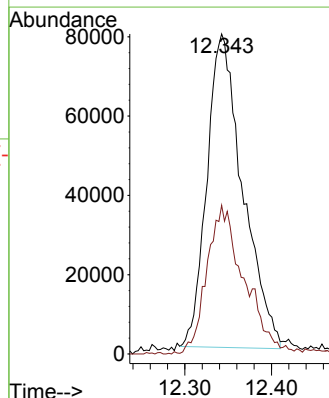
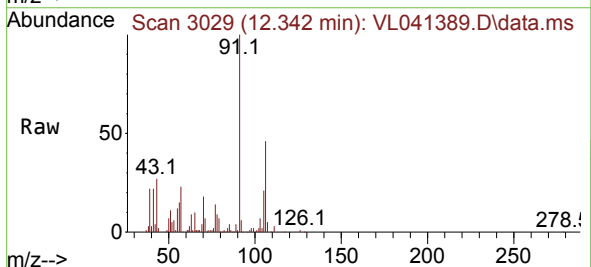
Instrument :
MSVOA_L
ClientSampleId :

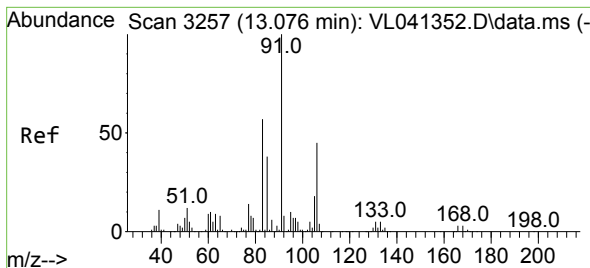
Tgt Ion: 91 Resp: 73062
Ion Ratio Lower Upper
91 100
106 25.7 25.4 38.0



#59
m/p-Xylene
Concen: 0.861 ppbv
RT: 12.342 min Scan# 3029
Delta R.T. -0.029 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion: 91 Resp: 227401
Ion Ratio Lower Upper
91 100
106 49.6 35.6 53.4

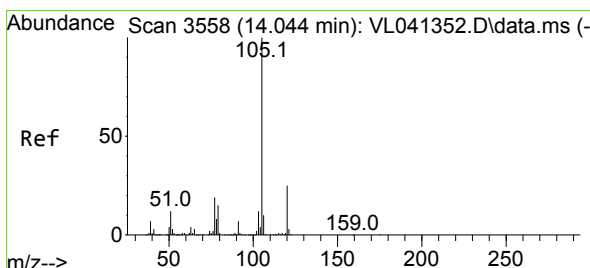
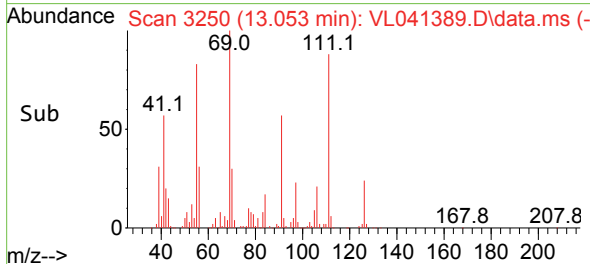
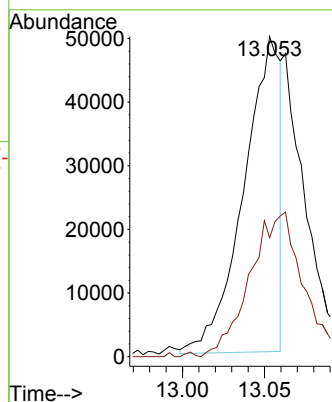
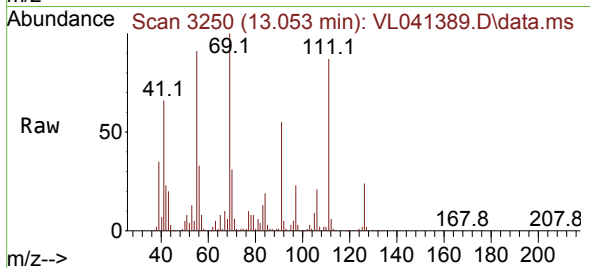




#60
o-Xylene
Concen: 0.308 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

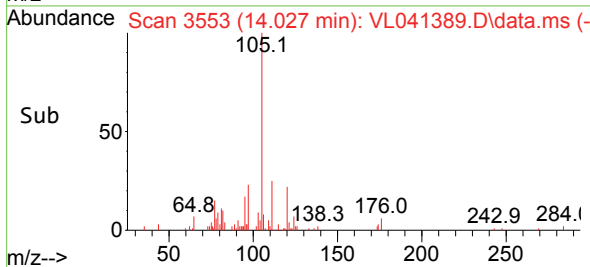
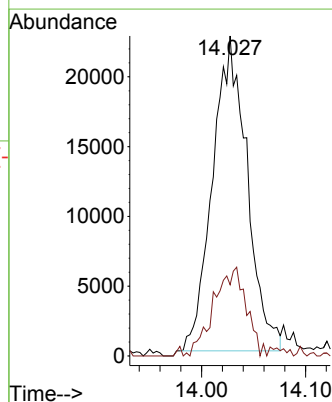
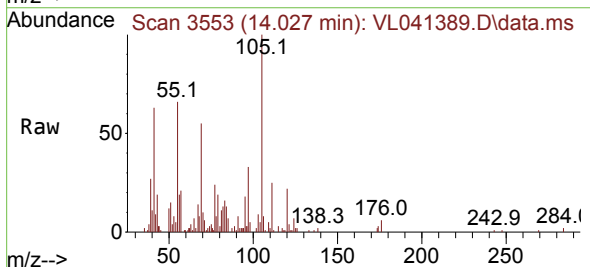
Instrument :
MSVOA_L
ClientSampleId :

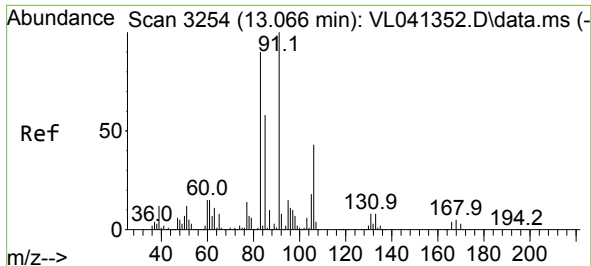
Tgt Ion: 91 Resp: 76765
Ion Ratio Lower Upper
91 100
106 0.0 23.3 69.8#



#62
Isopropylbenzene
Concen: 0.135 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion:105 Resp: 51969
Ion Ratio Lower Upper
105 100
120 27.7 20.9 31.3

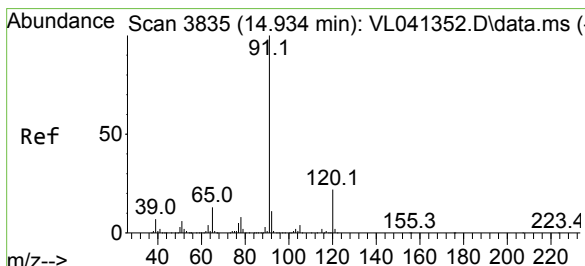
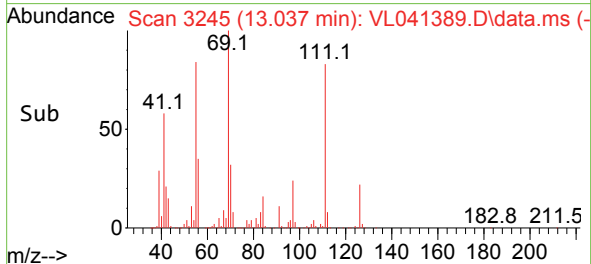
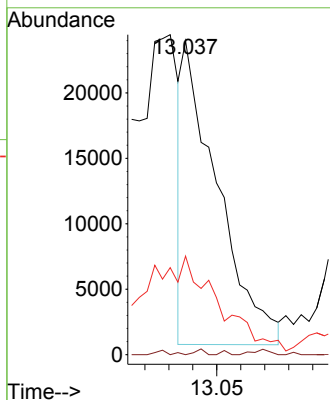
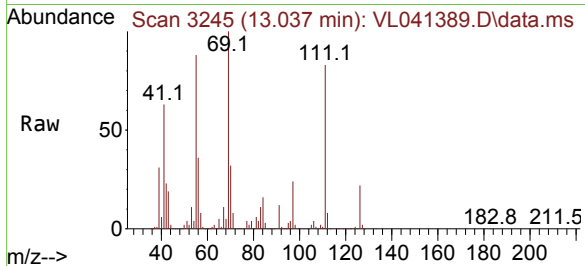




#63
1,1,2,2-Tetrachloroethane
Concen: 0.120 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

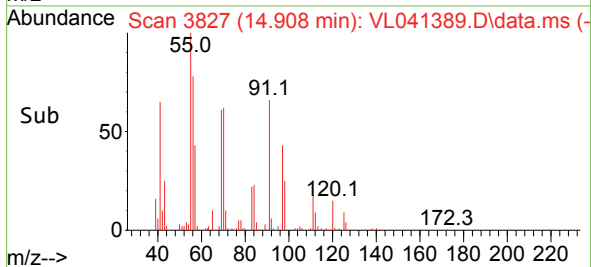
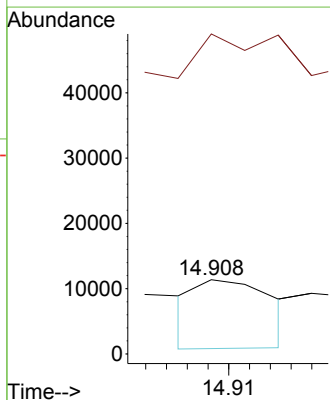
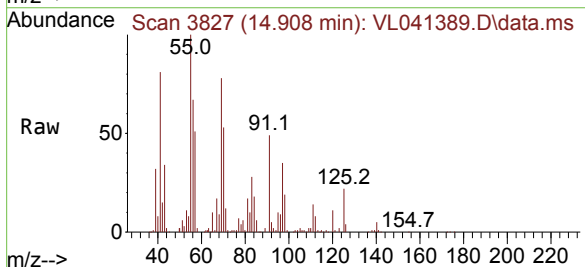
Instrument :
MSVOA_L
ClientSampleId :

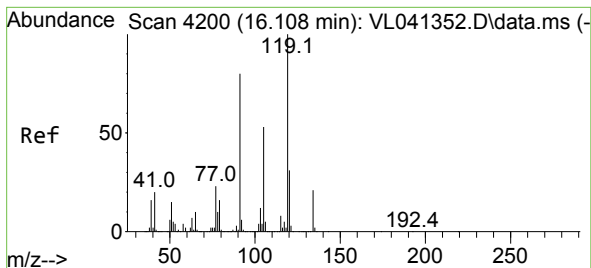
Tgt Ion: 83 Resp: 23486
Ion Ratio Lower Upper
83 100
131 2.3 4.8 14.4#
85 74.1 33.0 98.9



#64
n-propylbenzene
Concen: 0.054 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. -0.006 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion:120 Resp: 5384
Ion Ratio Lower Upper
120 100
91 2087.5 378.4 567.6#





#65

tert-Butylbenzene

Concen: 0.042 ppbv

RT: 16.088 min Scan# 4194

Delta R.T. 0.000 min

Lab File: VL041389.D

Acq: 22 Jul 2024 16:53

Instrument :

MSVOA_L

ClientSampleId :

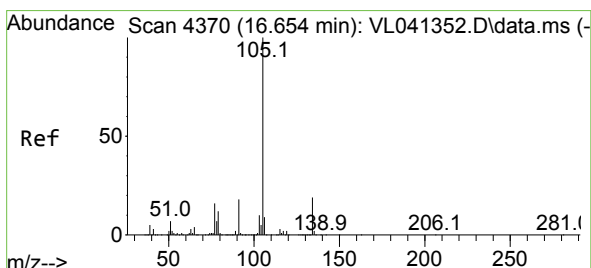
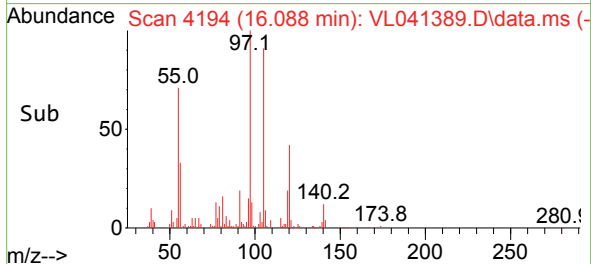
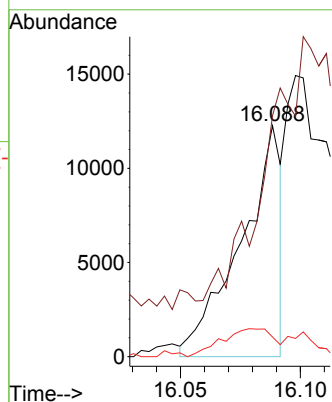
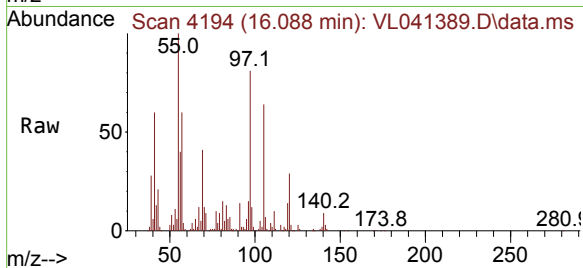
Tgt Ion:119 Resp: 14228

Ion Ratio Lower Upper

119 100

91 0.0 65.8 98.6#

134 24.3 15.7 23.5#



#67

sec-Butylbenzene

Concen: 0.150 ppbv

RT: 16.632 min Scan# 4363

Delta R.T. -0.003 min

Lab File: VL041389.D

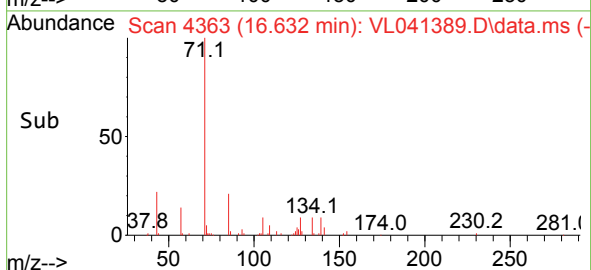
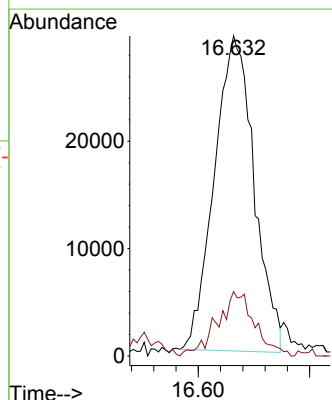
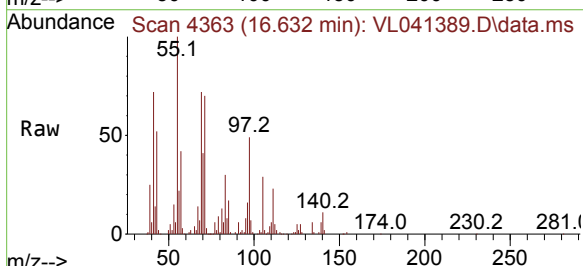
Acq: 22 Jul 2024 16:53

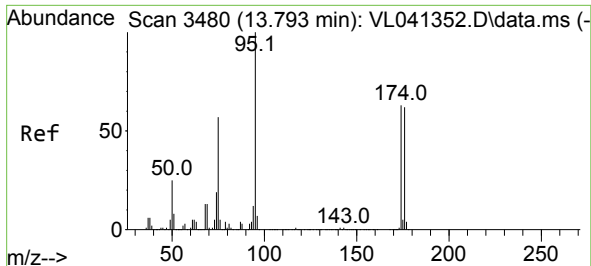
Tgt Ion:105 Resp: 72875

Ion Ratio Lower Upper

105 100

134 19.6 14.2 21.2

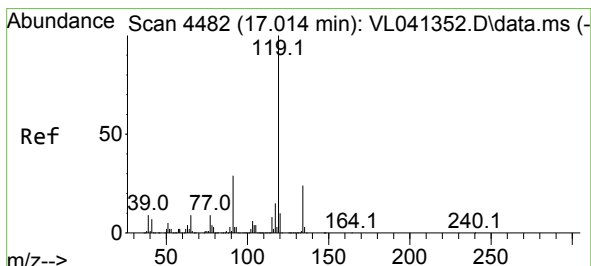
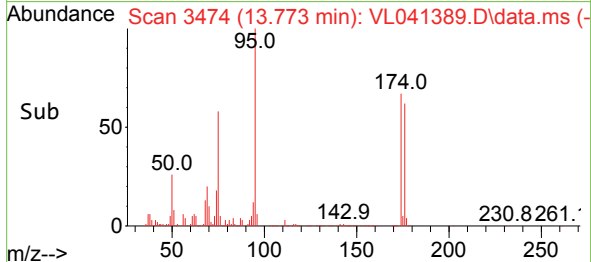
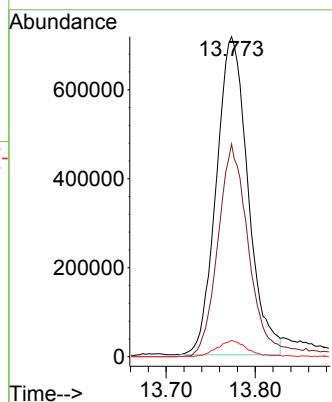
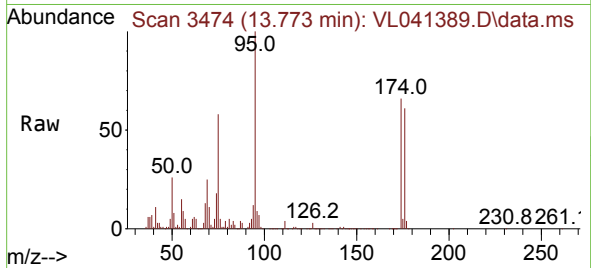




#68
1-Bromo-4-Fluorobenzene
Concen: 10.321 ppbv
RT: 13.773 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

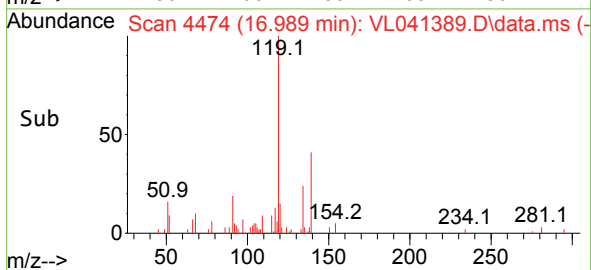
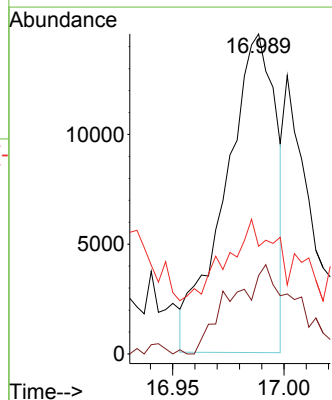
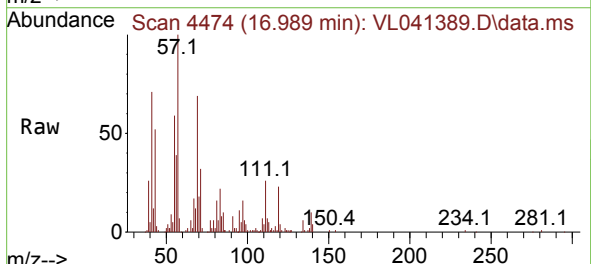
Instrument :
MSVOA_L
ClientSampleId :

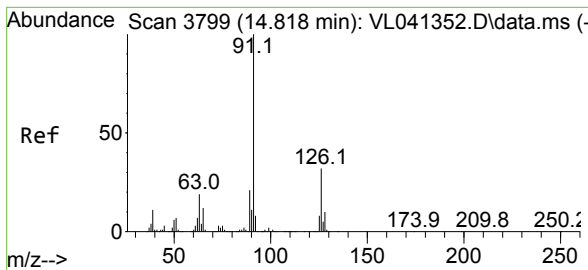
Tgt Ion: 95 Resp: 1764654
Ion Ratio Lower Upper
95 100
174 68.5 53.1 79.7
175 5.1 4.0 6.0



#69
p-Isopropyltoluene
Concen: 0.058 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion: 119 Resp: 23034
Ion Ratio Lower Upper
119 100
134 38.8 20.0 30.0#
91 70.1 23.7 35.5#

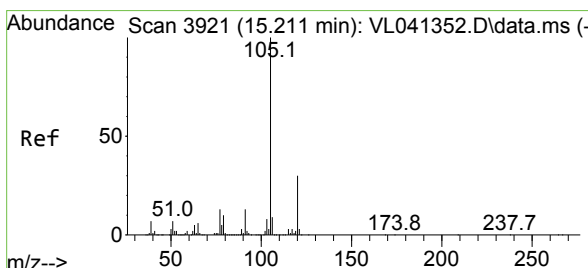
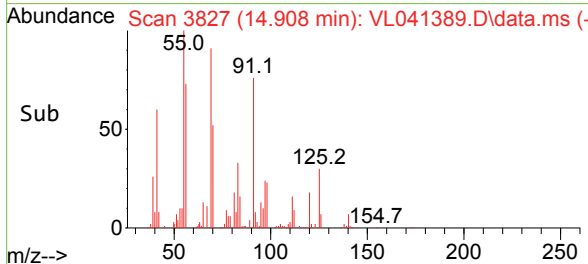
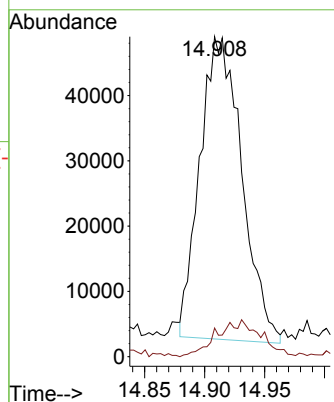
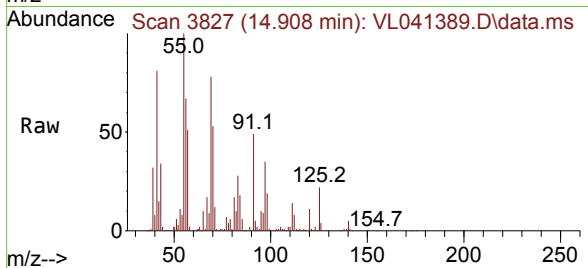




#71
2-Chlorotoluene
Concen: 0.393 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.109 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

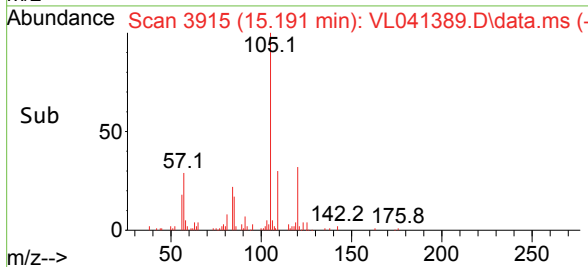
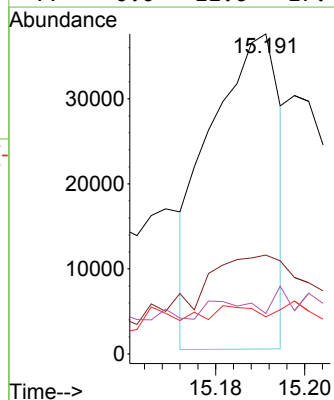
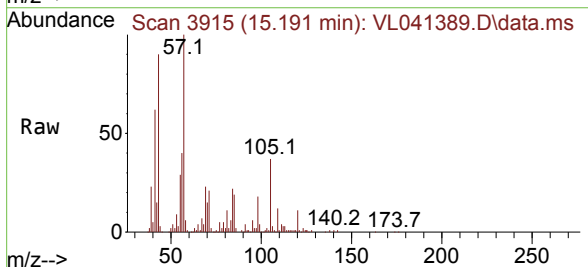
Instrument :
MSVOA_L
ClientSampleId :

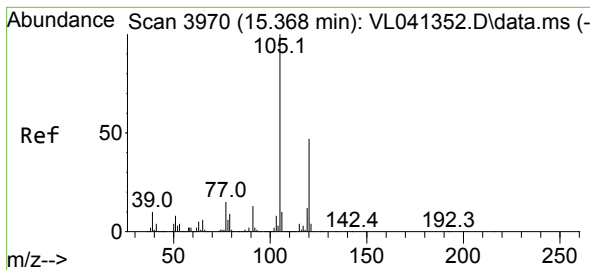
Tgt Ion: 91 Resp: 112478
Ion Ratio Lower Upper
91 100
126 13.6 12.9 51.7



#72
4-Ethyltoluene
Concen: 0.136 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Tgt Ion:105 Resp: 40386
Ion Ratio Lower Upper
105 100
120 70.5 24.2 36.4#
91 0.0 10.2 15.2#
77 0.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.456 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VL041389.D

Acq: 22 Jul 2024 16:53

Instrument :

MSVOA_L

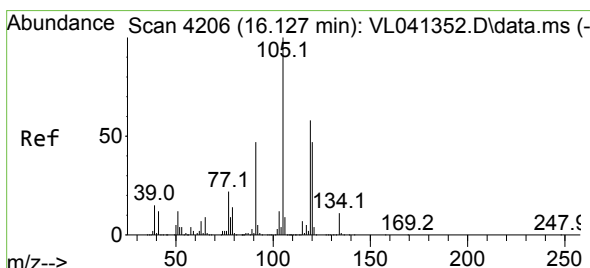
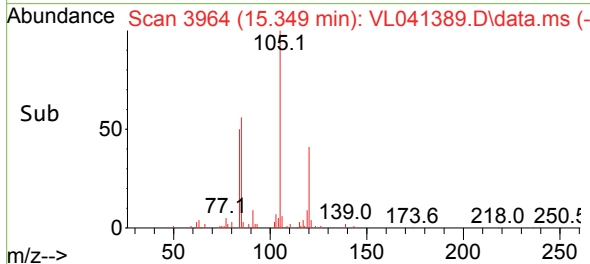
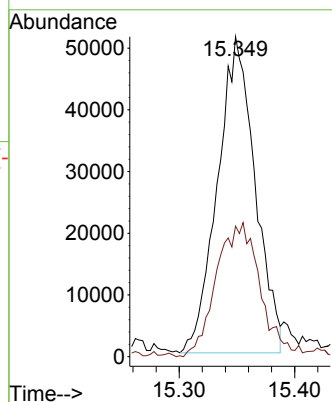
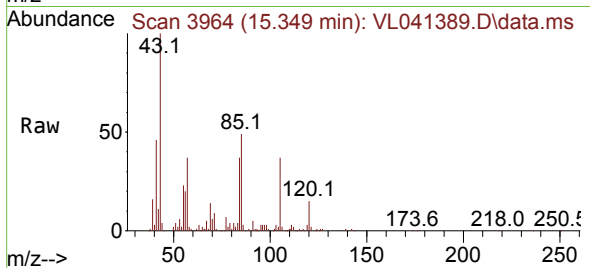
ClientSampleId :

Tgt Ion:105 Resp: 115985

Ion Ratio Lower Upper

105 100

120 41.0 37.3 55.9



#74

1,2,4-Trimethylbenzene

Concen: 0.424 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. -0.003 min

Lab File: VL041389.D

Acq: 22 Jul 2024 16:53

Tgt Ion:105 Resp: 121448

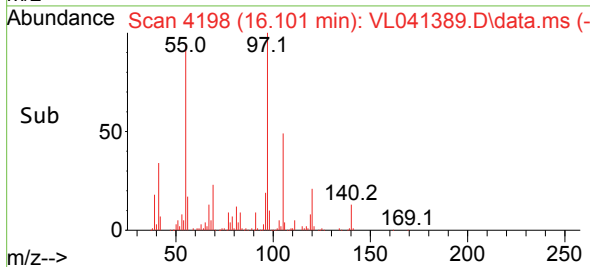
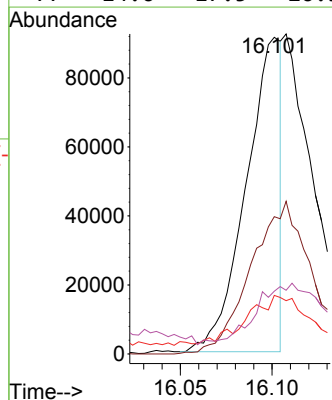
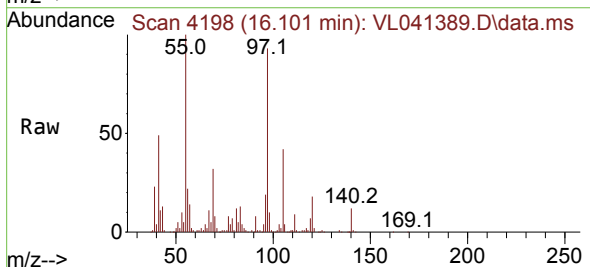
Ion Ratio Lower Upper

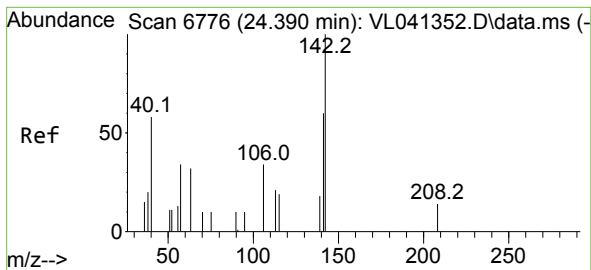
105 100

120 43.6 37.8 56.8

91 14.8 38.0 57.0#

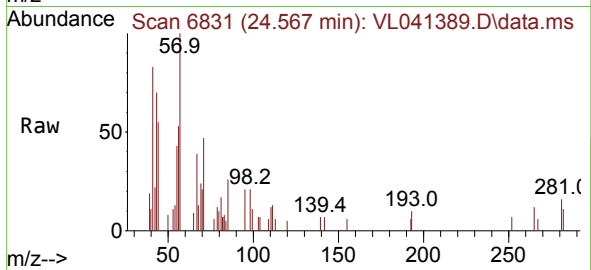
77 14.6 17.5 26.3#





#80
Naphthalene, 2-methyl-
Concen: 0.101 ppbv
RT: 24.567 min Scan# 61
Delta R.T. 0.186 min
Lab File: VL041389.D
Acq: 22 Jul 2024 16:53

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:	142	Resp:	41
Ion	Ratio	Lower	Upper
142	100		
141	187.8	37.9	56.9#
115	148.8	11.0	16.4#

