

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041438.D
 Acq On : 29 Jul 2024 21:06
 Operator : SY/MD
 Sample : P3342-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 02:54:28 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 Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	937032	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.655	114	2551024	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2371817	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1858168	10.180	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	98632	0.612	ppbv	99
3) Chlorodifluoromethane	2.674	51	53696	0.481	ppbv #	88
4) Chloromethane	2.812	50	46061	0.776	ppbv	97
9) Propene	2.874	41	3506629	68.431	ppbv	97
10) Heptane	7.581	43	320760	2.786	ppbv	100
11) Trichlorofluoromethane	3.568	101	35703	0.249	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.073	101	7912	0.077	ppbv	99
13) Ethanol	3.246	45	7204217	1572.971	ppbv	94
15) Acetone	3.468	43	1329586	12.488	ppbv #	51
16) 1,3-Butadiene	2.967	39	55879	0.982	ppbv #	10
17) tert-Butyl alcohol	3.896	59	80972	0.834	ppbv #	72
19) Isopropyl Alcohol	3.587	45	2160821	34.716	ppbv #	98
20) Methylene Chloride	3.938	84	272021	6.852	ppbv	96
21) Allyl Chloride	3.960	41	196470	2.814	ppbv #	57
23) Vinyl Acetate	4.610	43	786654	9.674	ppbv #	1
25) Ethyl Acetate	5.214	43	1494110	7.064	ppbv #	69
26) Hexane	5.217	57	1483418	16.907	ppbv #	49
27) Carbon Disulfide	4.124	76	22415	0.218	ppbv #	74
30) Cyclohexane	6.606	84	148411	2.077	ppbv	92
31) cis-1,2-Dichloroethene	5.198	61	82145	0.948	ppbv #	24
34) 2-Butanone	4.790	43	253162	2.052	ppbv	98
35) Carbon Tetrachloride	6.497	117	6593	0.047	ppbv #	77
36) Benzene	6.372	78	770151	4.132	ppbv	98
37) 1,2-Dichloroethane	5.806	62	7161	0.069	ppbv #	82
39) 1,2-Dichloropropane	6.655	63	631257	8.846	ppbv #	24
41) Tetrahydrofuran	5.500	42	14796	0.210	ppbv #	39
42) Bromodichloromethane	7.253	83	27900	0.185	ppbv #	35
43) Methyl Methacrylate	7.475	69	57401	0.859	ppbv #	72
44) 2,2,4-Trimethylpentane	7.330	57	862531	2.770	ppbv #	84
50) 4-Methyl-2-Pentanone	8.188	43	29683	0.152	ppbv #	40
51) 2-Hexanone	9.539	43	23861	0.162	ppbv #	67
53) Toluene	9.221	91	3002901	14.463	ppbv	99
58) Ethyl Benzene	12.089	91	874060	3.197	ppbv	95
59) m/p-Xylene	12.339	91	1248439	5.290	ppbv	96
60) o-Xylene	13.053	91	484502	2.170	ppbv	98
61) Styrene	12.899	104	457556	4.543	ppbv	100
64) n-propylbenzene	14.915	120	3734	0.042	ppbv #	1
69) p-Isopropyltoluene	16.992	119	20851	0.059	ppbv #	40
71) 2-Chlorotoluene	14.918	91	51080	0.204	ppbv #	43
72) 4-Ethyltoluene	15.185	105	26113	0.099	ppbv #	46
73) 1,3,5-Trimethylbenzene	15.349	105	28973	0.128	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	172434	0.655	ppbv #	70

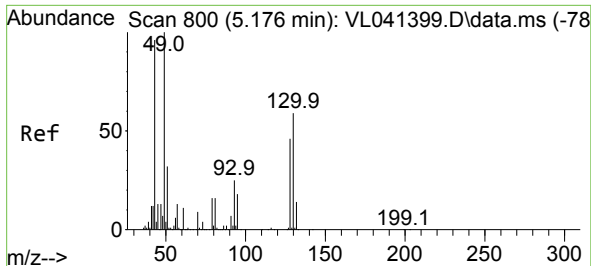
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041438.D
Acq On : 29 Jul 2024 21:06
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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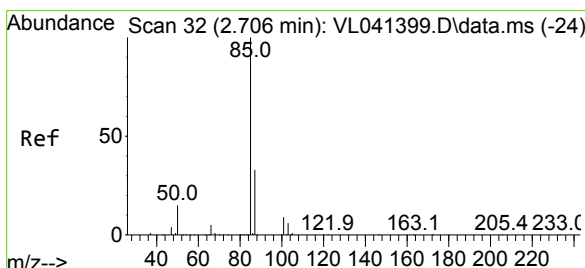
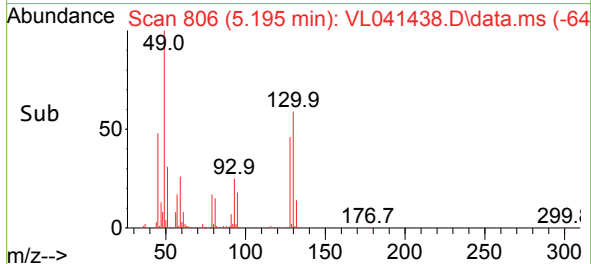
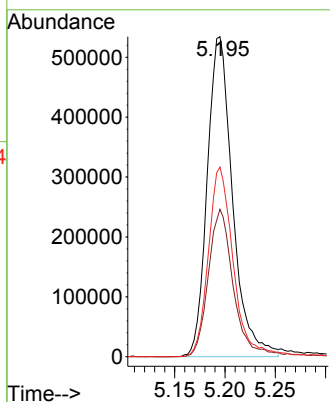
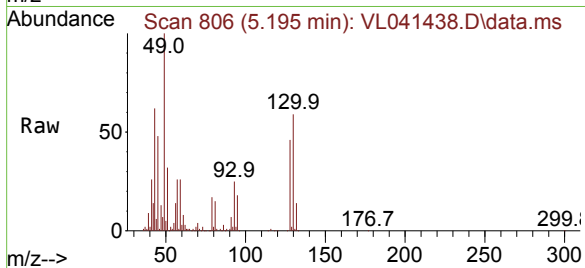
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

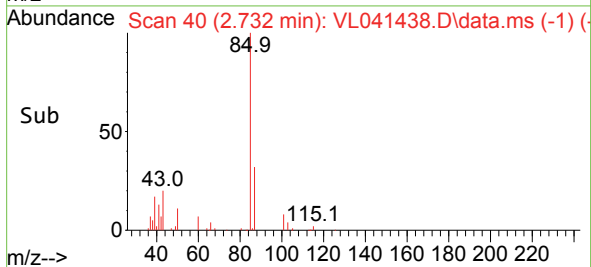
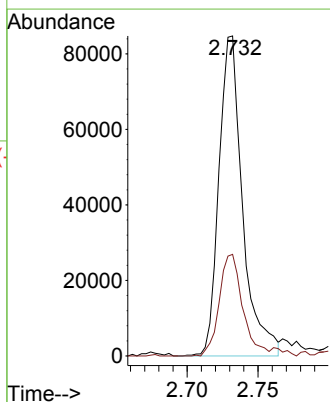
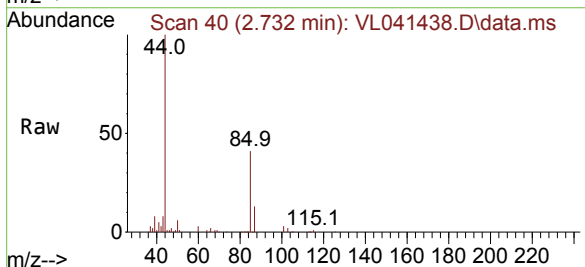
Instrument :
MSVOA_L
ClientSampleId :

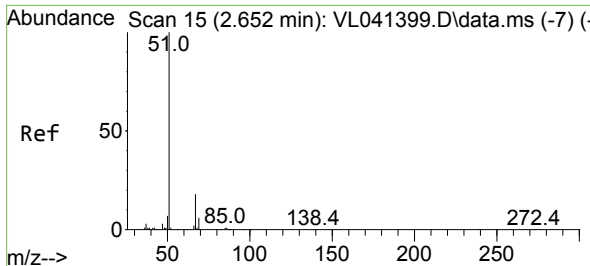
Tgt Ion: 49 Resp: 937032
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.4
130 58.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.612 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.022 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 85 Resp: 98632
Ion Ratio Lower Upper
85 100
87 31.7 26.0 39.0

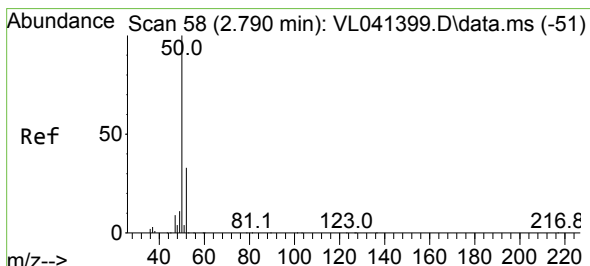
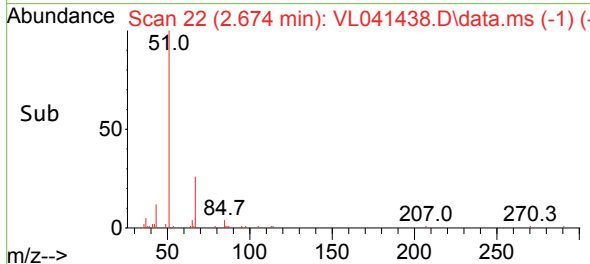
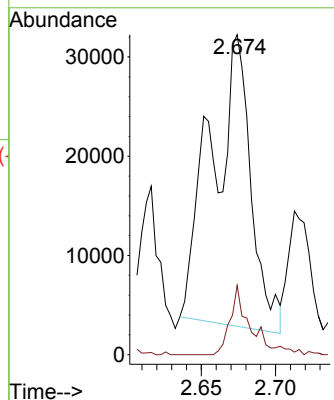
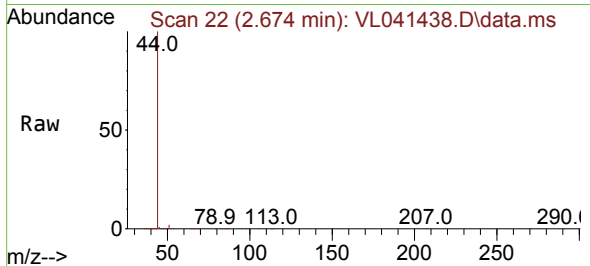




#3
Chlorodifluoromethane
Concen: 0.481 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

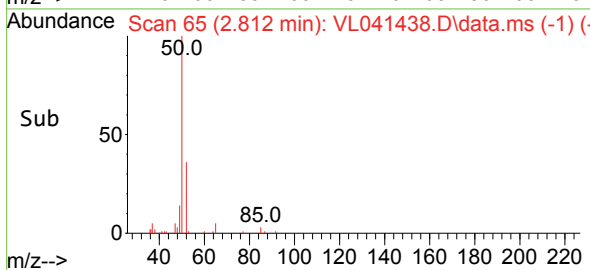
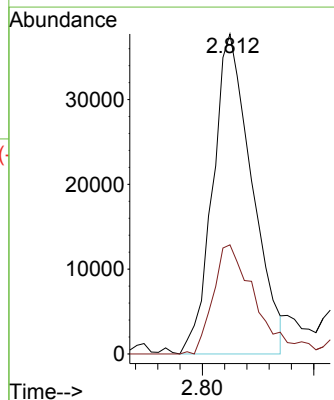
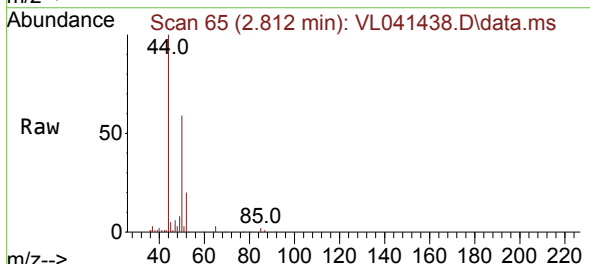
Instrument :
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ClientSampleId :

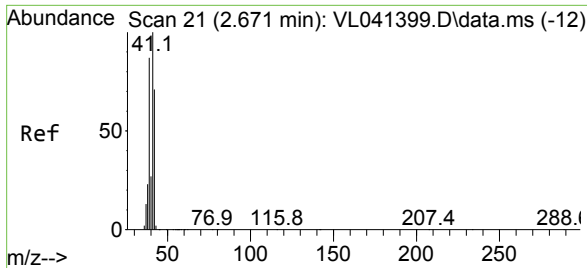
Tgt Ion: 51 Resp: 53696
Ion Ratio Lower Upper
51 100
67 12.8 14.5 21.7#



#4
Chloromethane
Concen: 0.776 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 50 Resp: 46061
Ion Ratio Lower Upper
50 100
52 34.1 26.1 39.1

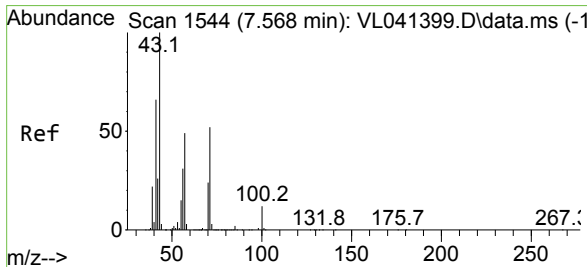
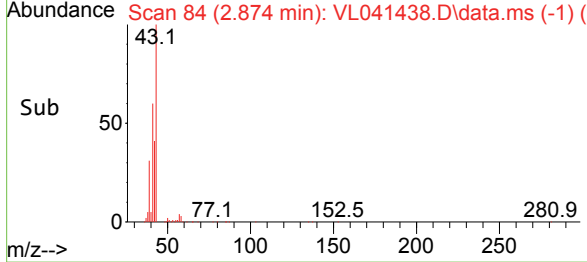
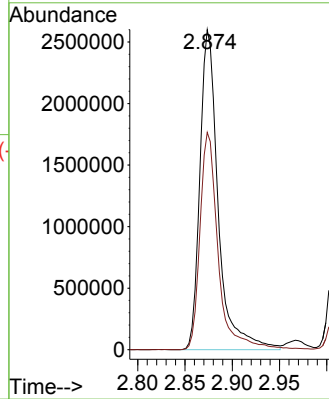
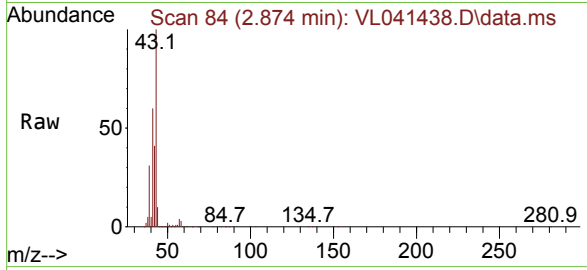




#9
 Propene
 Concen: 68.431 ppbv
 RT: 2.874 min Scan# 84
 Delta R.T. 0.203 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

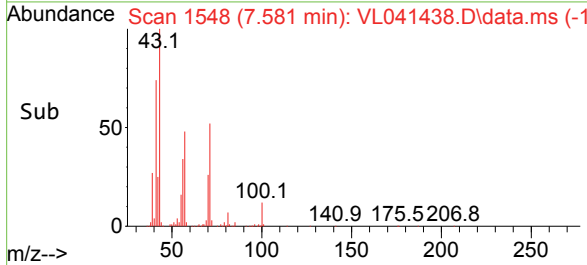
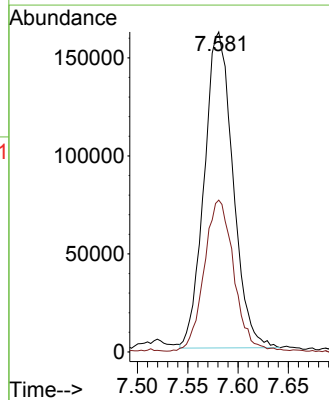
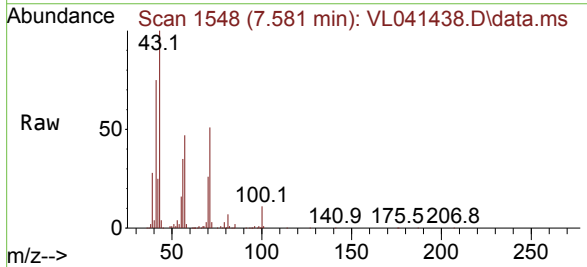
Instrument :
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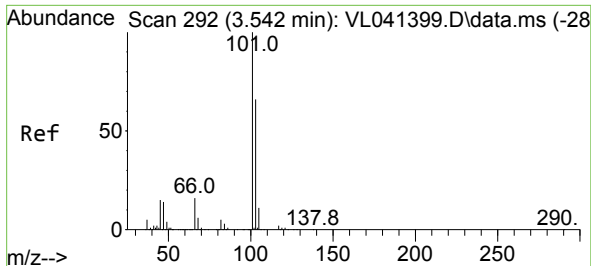
Tgt Ion: 41 Resp: 3506629
 Ion Ratio Lower Upper
 41 100
 42 67.6 55.9 83.9



#10
 Heptane
 Concen: 2.786 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.010 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

Tgt Ion: 43 Resp: 320760
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.5 60.7

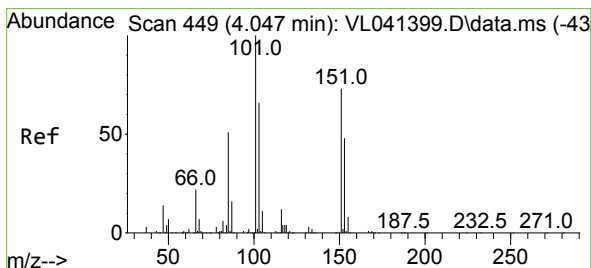
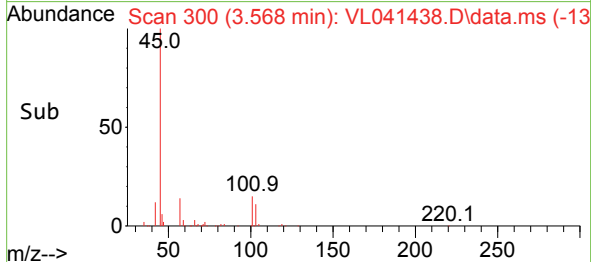
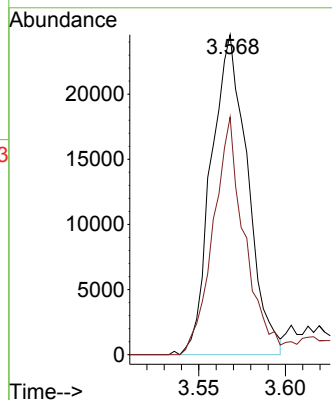
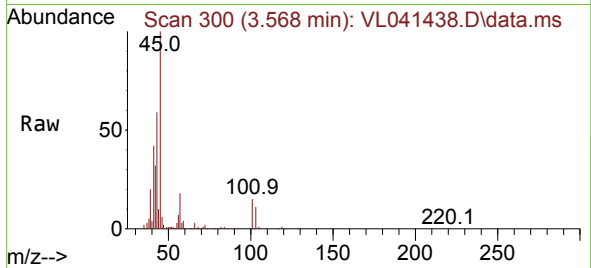




#11
 Trichlorofluoromethane
 Concen: 0.249 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.022 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

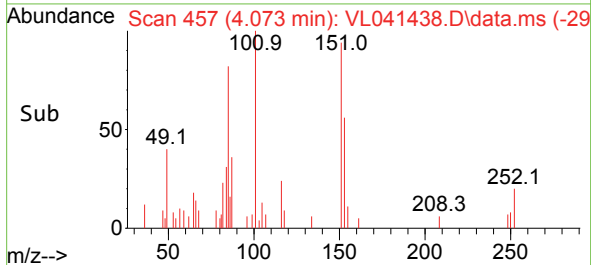
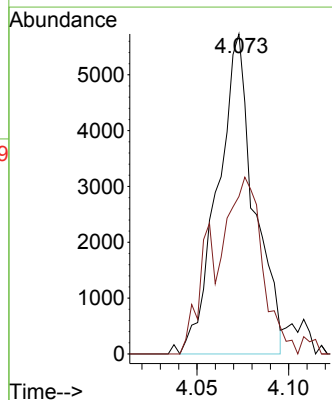
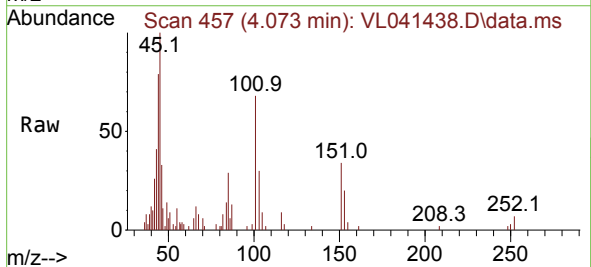
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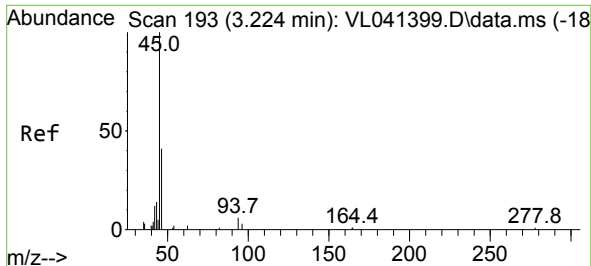
Tgt Ion:101 Resp: 35703
 Ion Ratio Lower Upper
 101 100
 103 74.2 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.077 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.022 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

Tgt Ion:101 Resp: 7912
 Ion Ratio Lower Upper
 101 100
 151 74.8 59.4 89.2

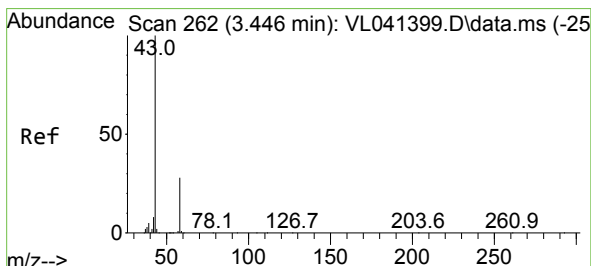
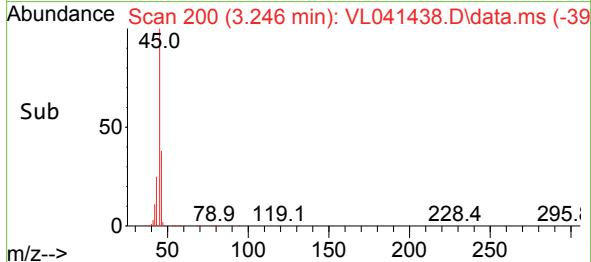
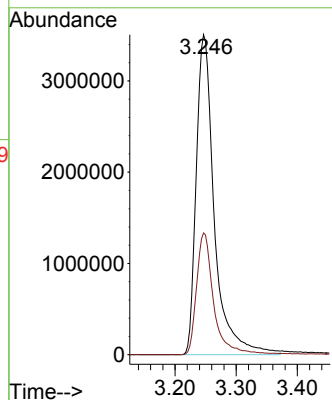
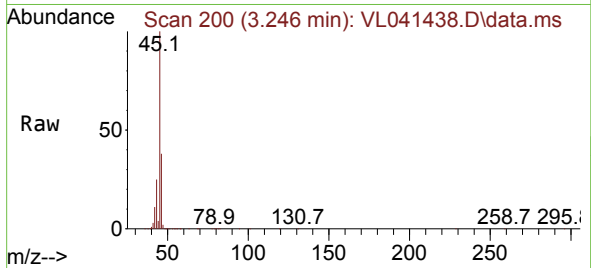




#13
Ethanol
Concen: 1572.971 ppbv
RT: 3.246 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

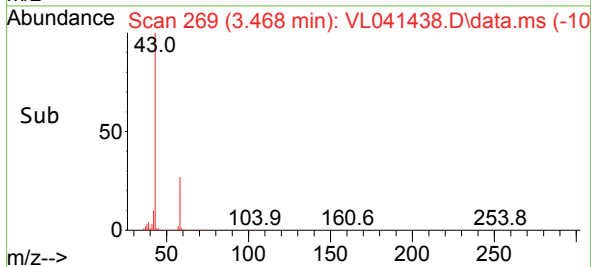
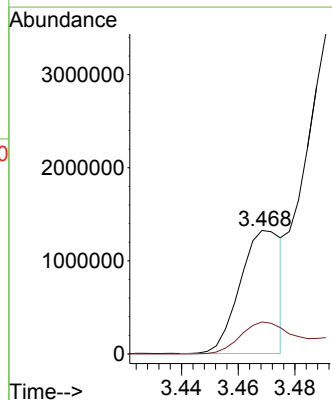
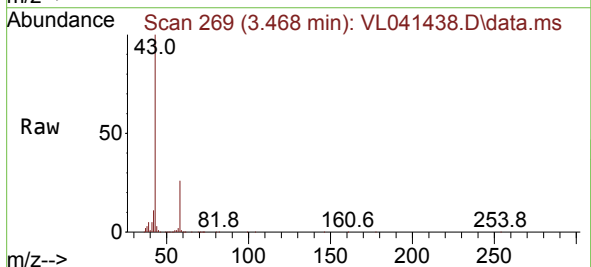
Instrument :
MSVOA_L
ClientSampleId :

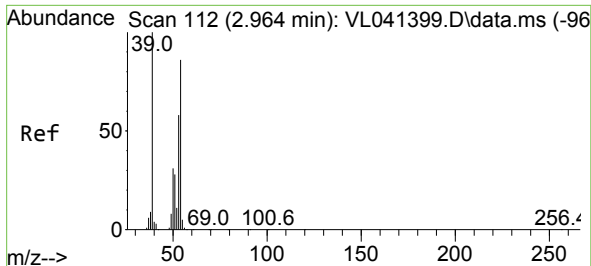
Tgt Ion: 45 Resp: 7204217
Ion Ratio Lower Upper
45 100
46 36.7 13.4 53.4



#15
Acetone
Concen: 12.488 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.016 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 43 Resp: 1329586
Ion Ratio Lower Upper
43 100
58 52.3 21.4 32.2#

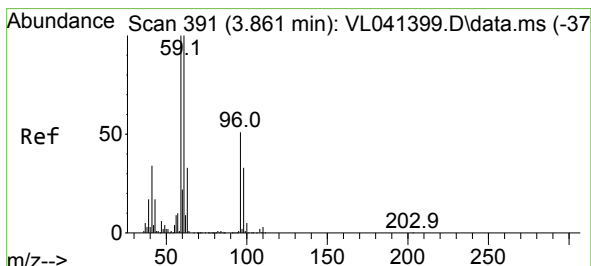
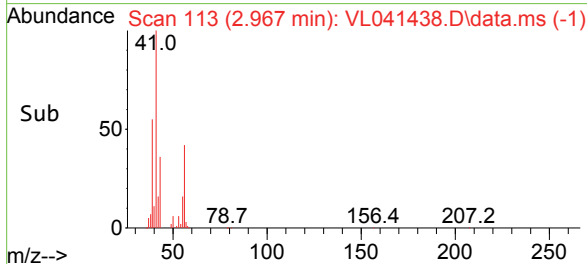
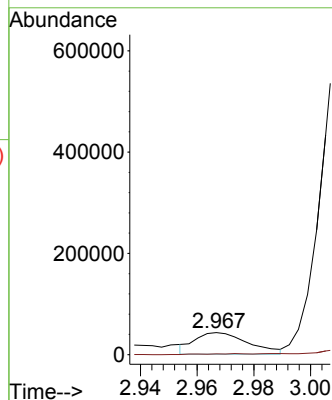
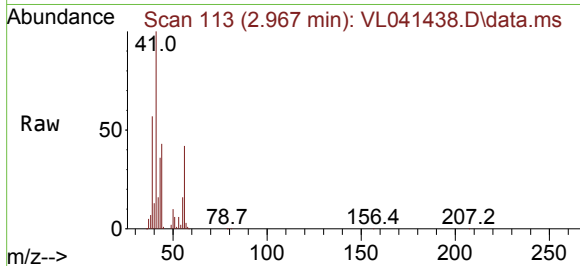




#16
1,3-Butadiene
Concen: 0.982 ppbv
RT: 2.967 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

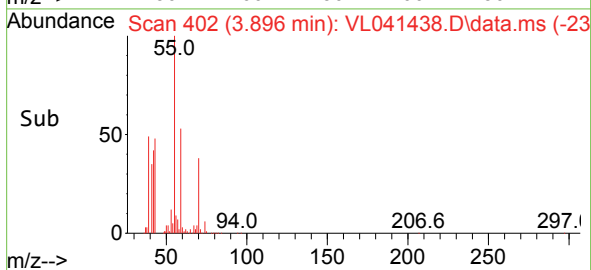
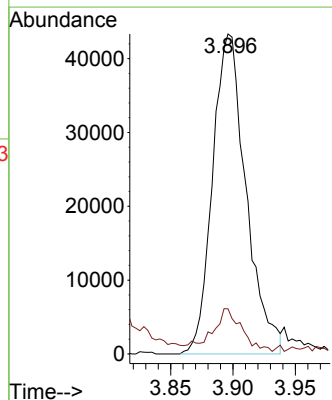
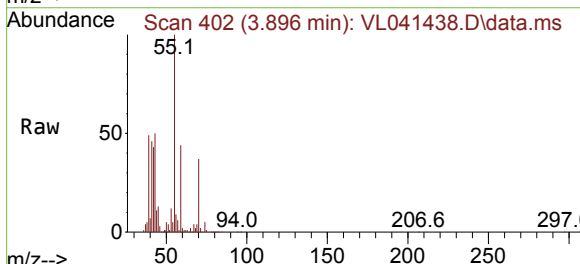
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MSVOA_L
ClientSampleId :

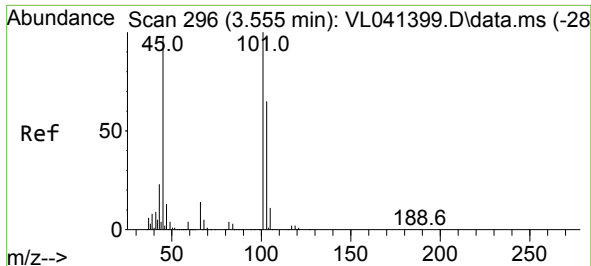
Tgt Ion: 39 Resp: 55879
Ion Ratio Lower Upper
39 100
54 0.0 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.834 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.035 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 59 Resp: 80972
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 34.716 ppbv

RT: 3.587 min Scan# 306

Delta R.T. 0.026 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

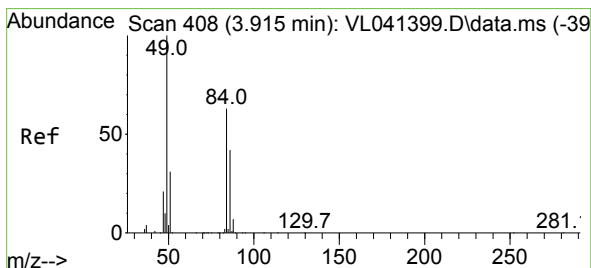
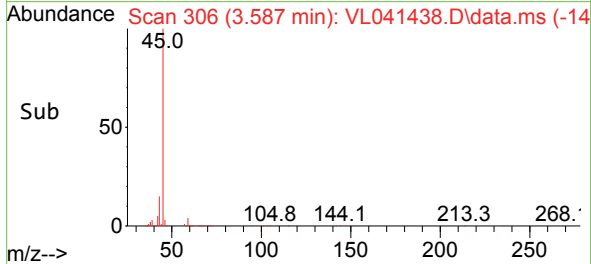
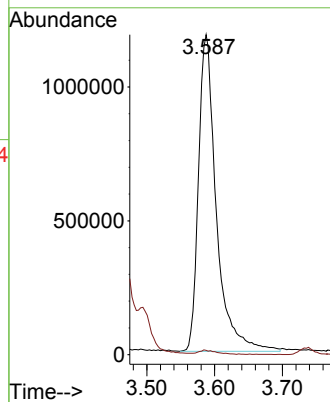
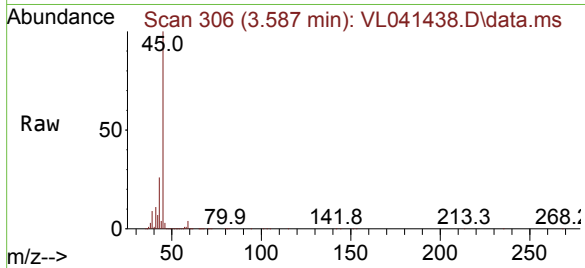
ClientSampleId :

Tgt Ion: 45 Resp: 2160821

Ion Ratio Lower Upper

45 100

58 1.9 1.9 2.9#



#20

Methylene Chloride

Concen: 6.852 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.019 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Tgt Ion: 84 Resp: 272021

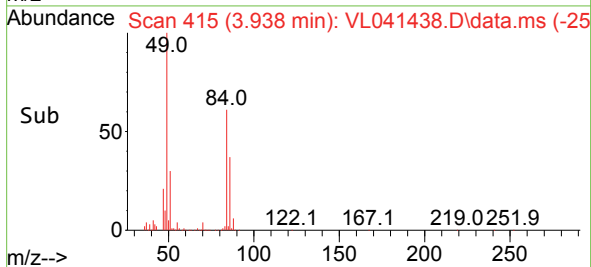
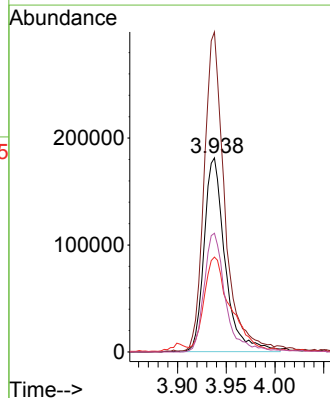
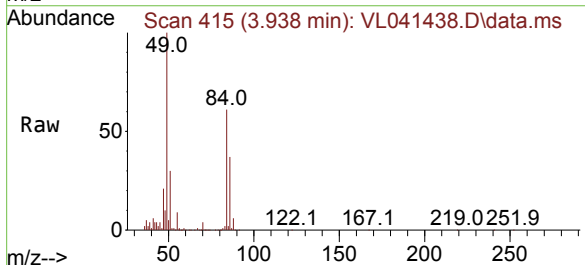
Ion Ratio Lower Upper

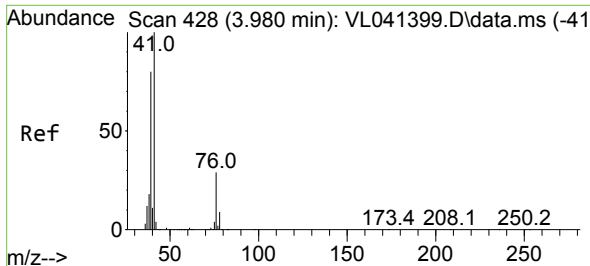
84 100

49 164.6 126.6 190.0

51 47.8 38.6 58.0

86 61.3 53.0 79.4





#21

Allyl Chloride

Concen: 2.814 ppbv

RT: 3.960 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

ClientSampleId :

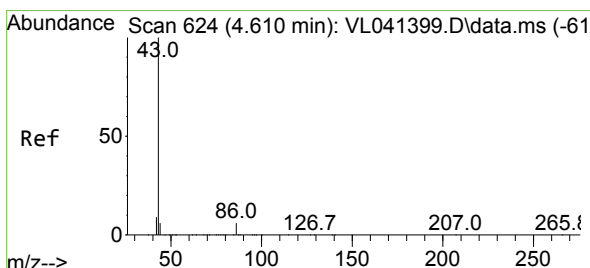
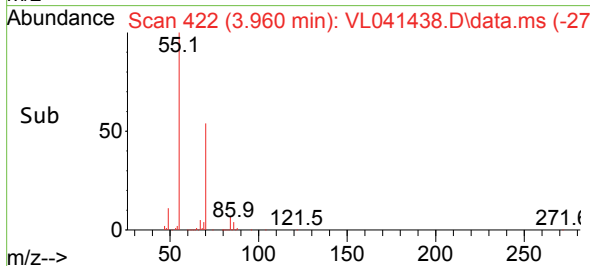
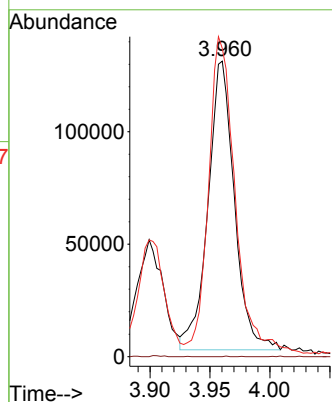
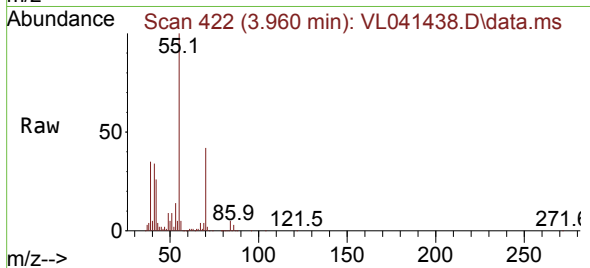
Tgt Ion: 41 Resp: 196470

Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 115.0 64.3 96.5#



#23

Vinyl Acetate

Concen: 9.674 ppbv

RT: 4.610 min Scan# 624

Delta R.T. -0.003 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Tgt Ion: 43 Resp: 786654

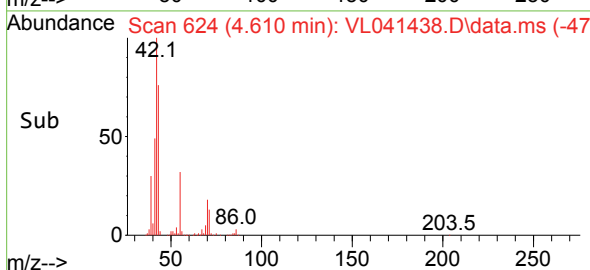
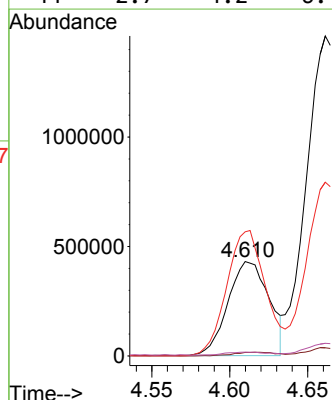
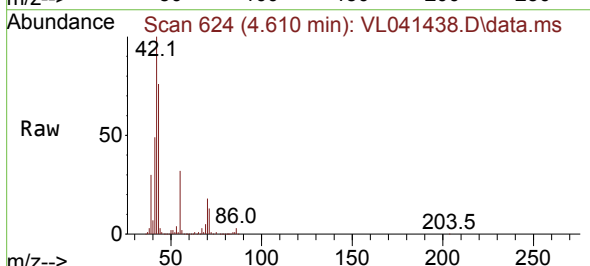
Ion Ratio Lower Upper

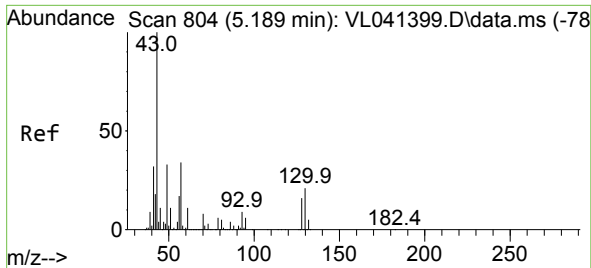
43 100

86 3.7 4.6 6.8#

42 132.1 7.9 11.9#

44 2.7 4.2 6.4#

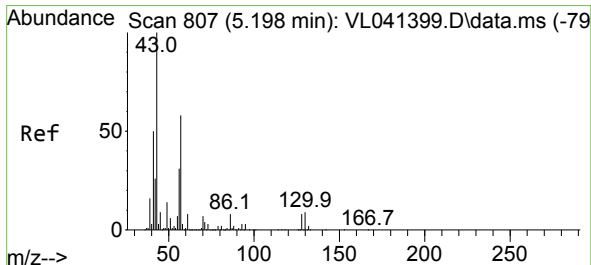
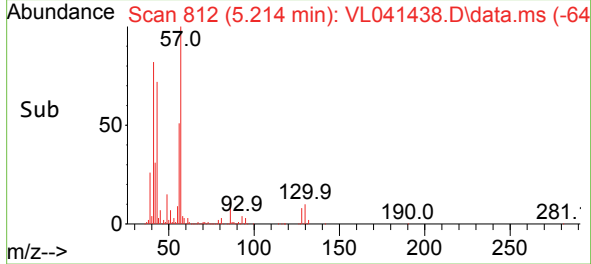
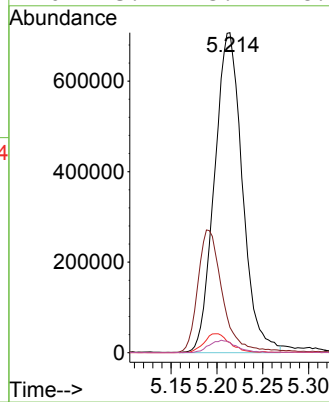
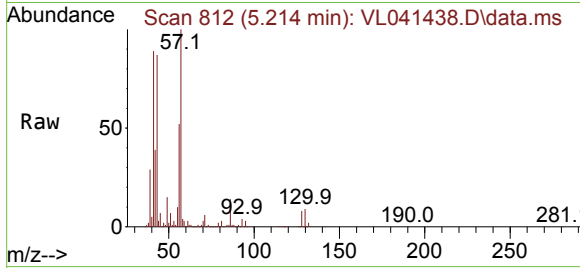




#25
Ethyl Acetate
Concen: 7.064 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.022 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

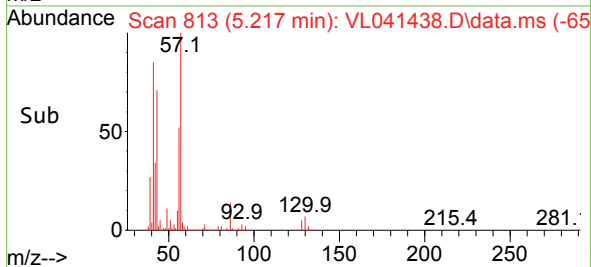
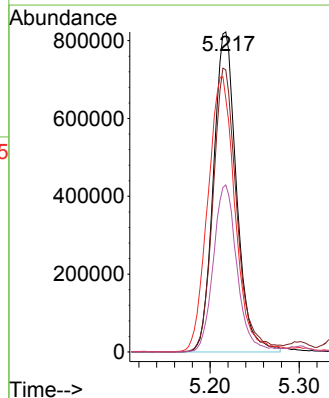
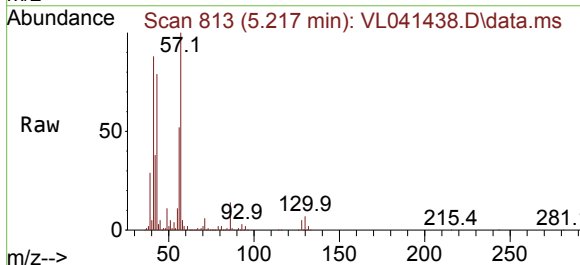
Instrument :
MSVOA_L
ClientSampleId :

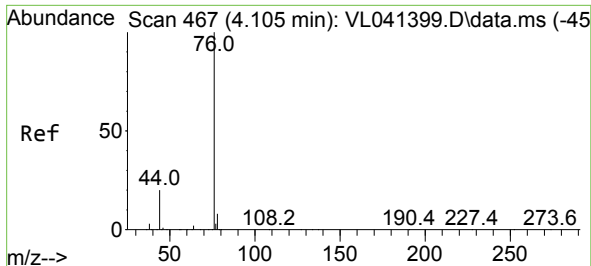
Tgt Ion: 43 Resp: 1494110
Ion Ratio Lower Upper
43 100
45 34.6 8.5 12.7#
61 5.6 8.0 12.0#
70 3.9 5.9 8.9#



#26
Hexane
Concen: 16.907 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 57 Resp: 1483418
Ion Ratio Lower Upper
57 100
41 91.5 74.0 111.0
43 102.5 193.6 290.4#
56 53.3 43.1 64.7

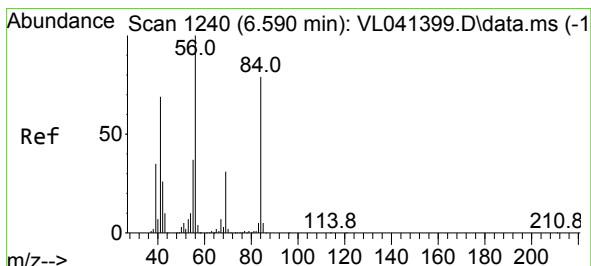
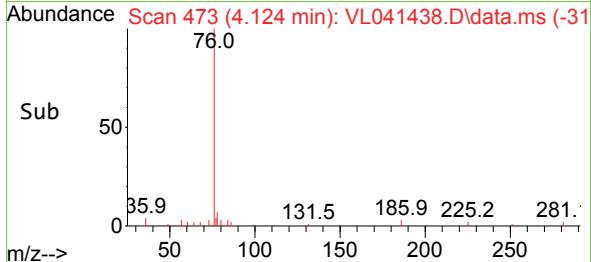
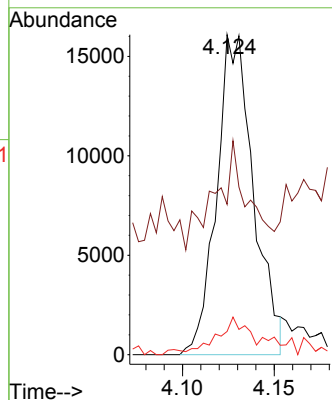
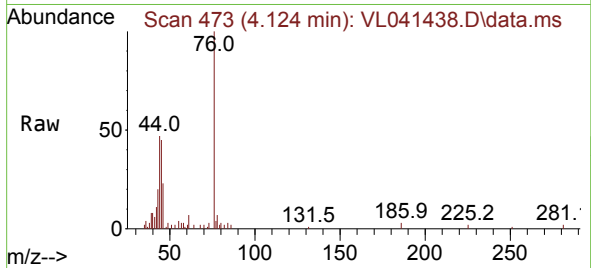




#27
Carbon Disulfide
Concen: 0.218 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

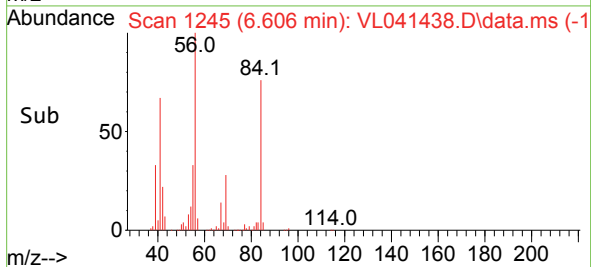
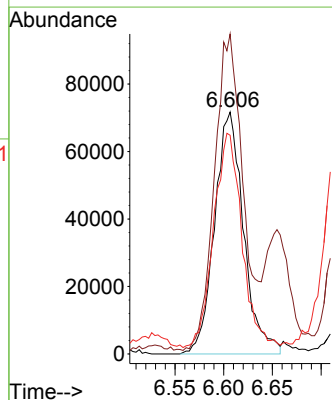
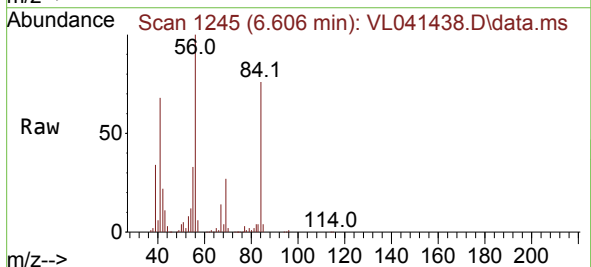
Instrument :
MSVOA_L
ClientSampleId :

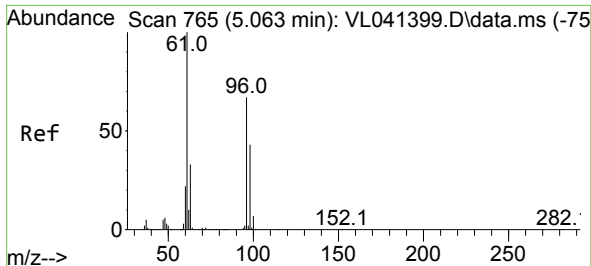
Tgt Ion: 76 Resp: 22415
Ion Ratio Lower Upper
76 100
44 30.2 15.6 23.4#
78 20.9 7.7 11.5#



#30
Cyclohexane
Concen: 2.077 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. 0.013 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 84 Resp: 148411
Ion Ratio Lower Upper
84 100
56 123.7 111.2 166.8
41 89.2 70.3 105.5

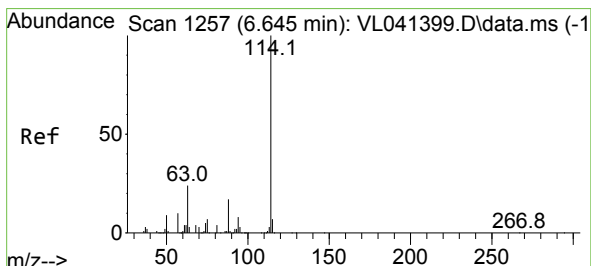
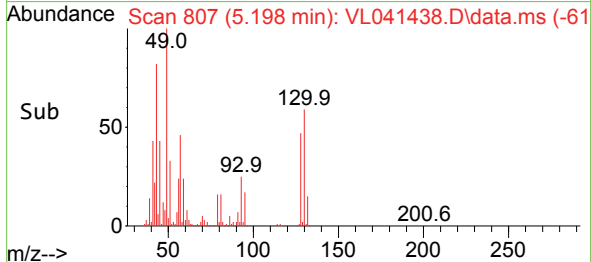
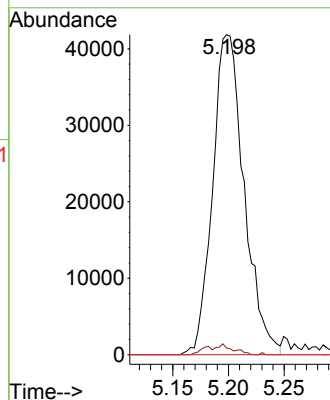
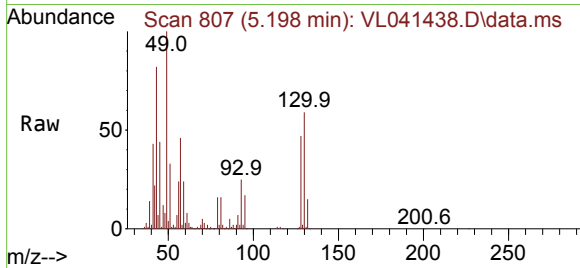




#31
 cis-1,2-Dichloroethene
 Concen: 0.948 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. 0.132 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

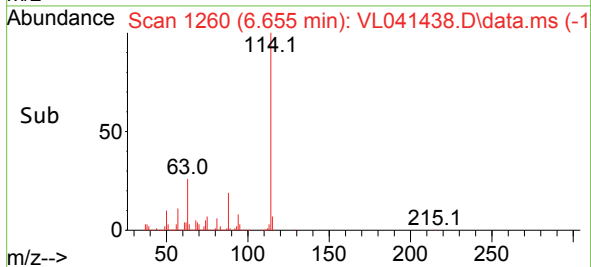
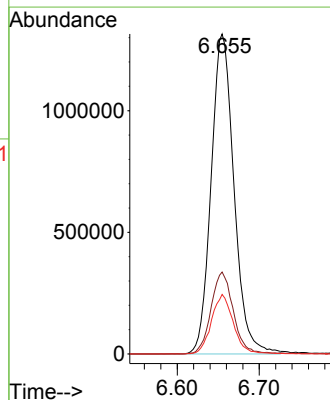
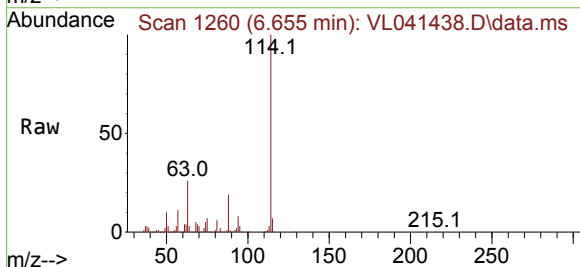
Instrument :
 MSVOA_L
 ClientSampleId :

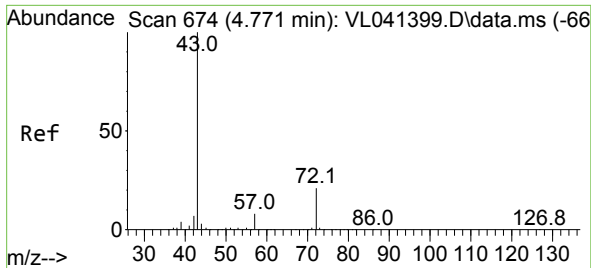
Tgt Ion: 61 Resp: 82145
 Ion Ratio Lower Upper
 61 100
 96 2.1 53.4 80.2#
 98 0.0 34.4 51.6#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.655 min Scan# 1260
 Delta R.T. 0.010 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

Tgt Ion: 114 Resp: 2551024
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.3 30.5
 88 17.9 14.3 21.5

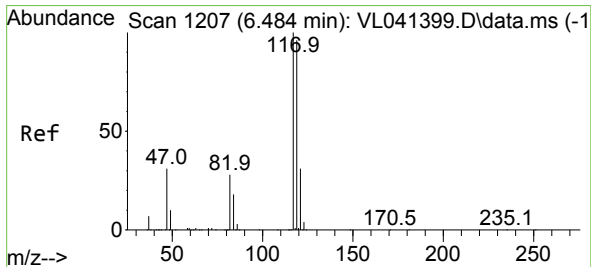
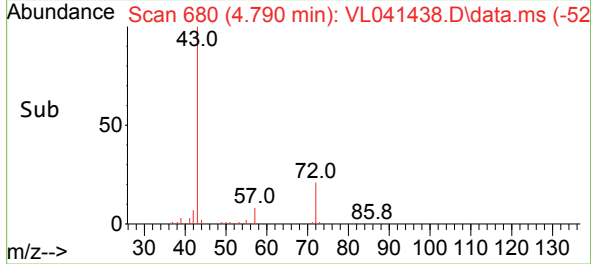
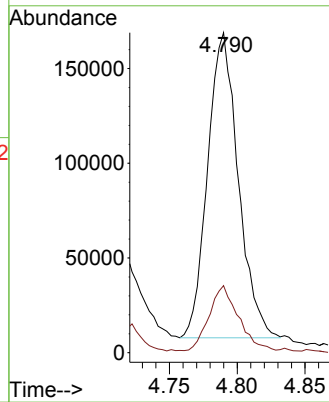
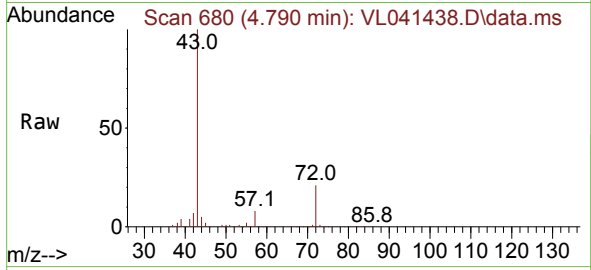




#34
2-Butanone
Concen: 2.052 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

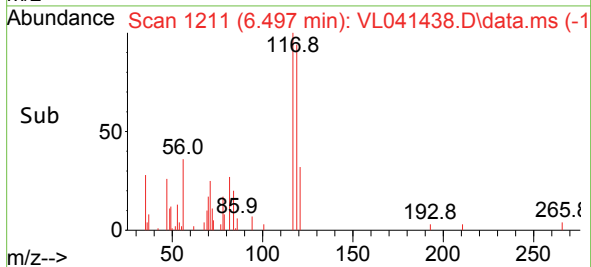
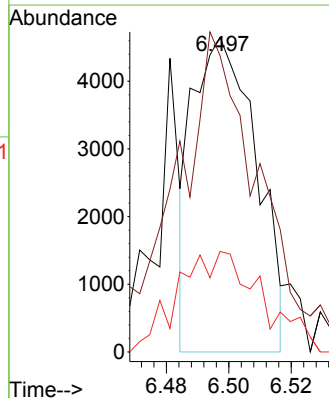
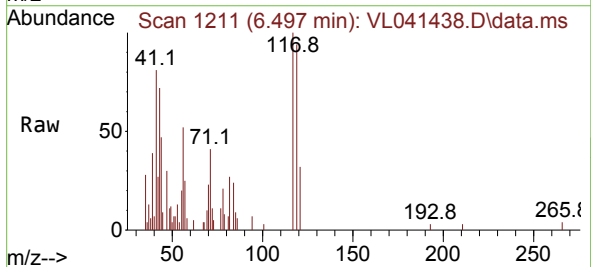
Instrument :
MSVOA_L
ClientSampleId :

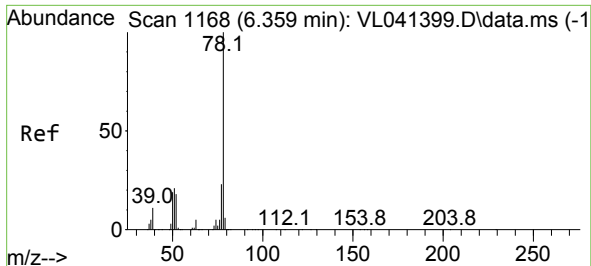
Tgt Ion: 43 Resp: 253162
Ion Ratio Lower Upper
43 100
72 22.6 17.3 25.9



#35
Carbon Tetrachloride
Concen: 0.047 ppbv
RT: 6.497 min Scan# 1211
Delta R.T. 0.013 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 117 Resp: 6593
Ion Ratio Lower Upper
117 100
119 69.9 76.6 115.0#
121 24.3 25.1 37.7#

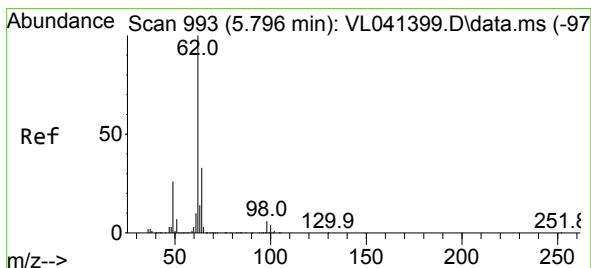
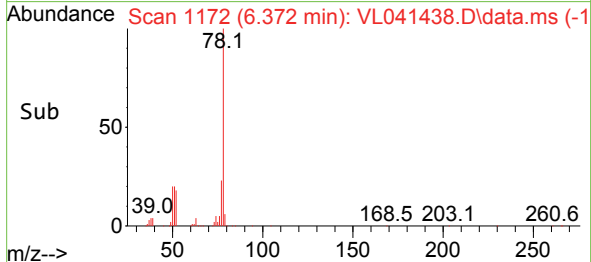
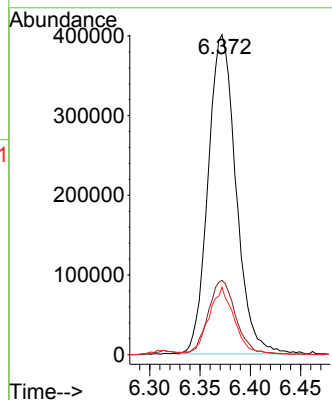
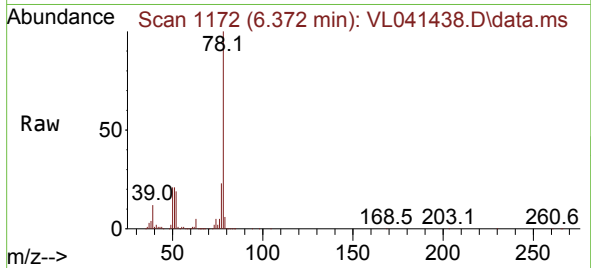




#36
Benzene
Concen: 4.132 ppbv
RT: 6.372 min Scan# 1168
Delta R.T. 0.013 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

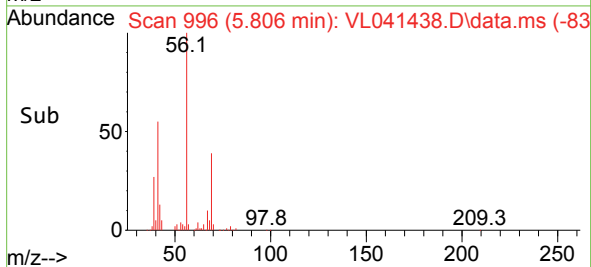
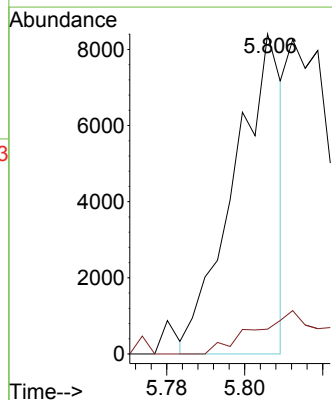
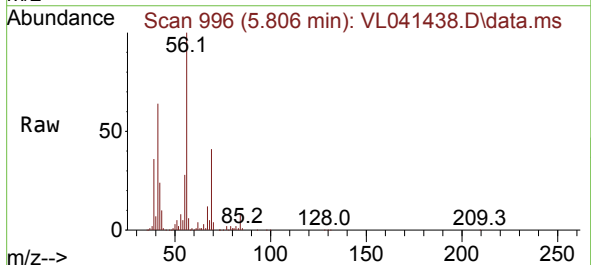
Instrument :
MSVOA_L
ClientSampleId :

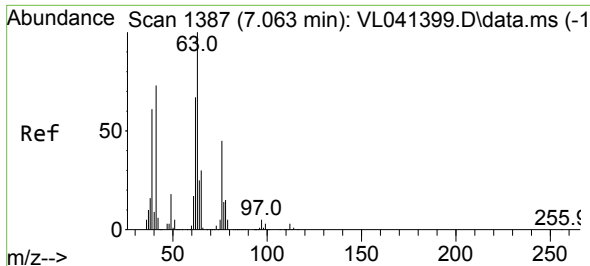
Tgt Ion: 78 Resp: 770151
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1
50 20.8 15.5 23.3



#37
1,2-Dichloroethane
Concen: 0.069 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 62 Resp: 7161
Ion Ratio Lower Upper
62 100
98 0.0 5.0 7.4#





#39

1,2-Dichloropropane

Concen: 8.846 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.408 min

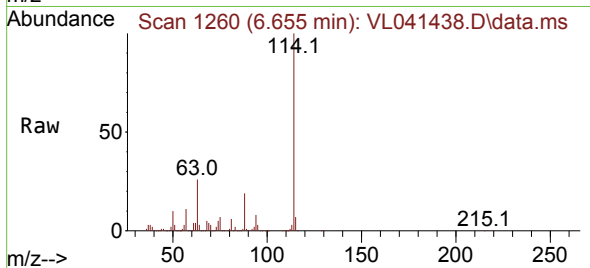
Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

ClientSampleId :



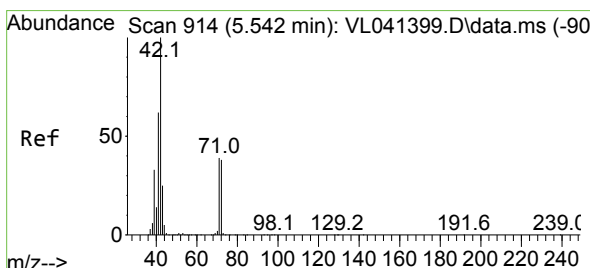
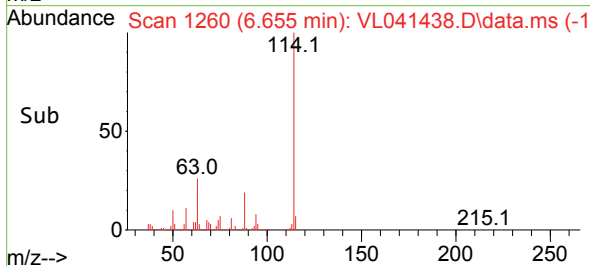
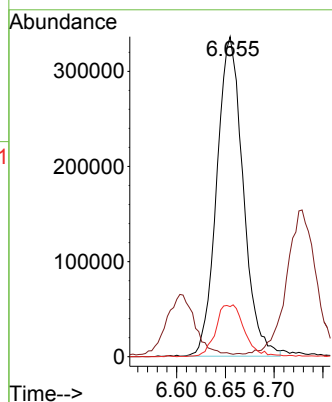
Tgt Ion: 63 Resp: 631257

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 15.5 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.210 ppbv

RT: 5.500 min Scan# 901

Delta R.T. -0.045 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

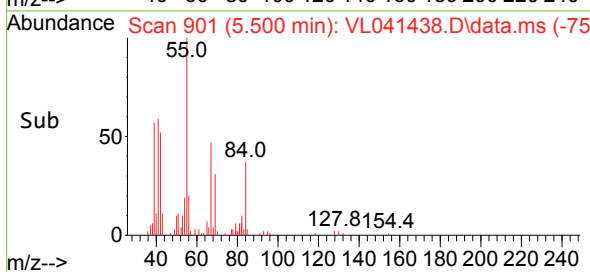
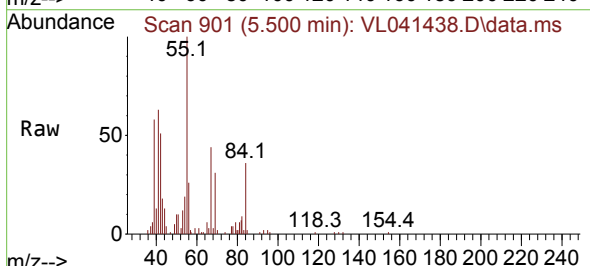
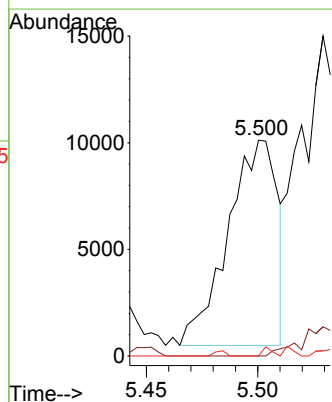
Tgt Ion: 42 Resp: 14796

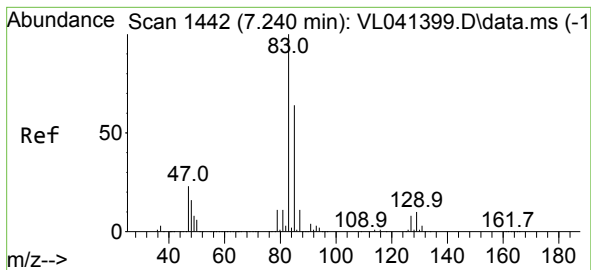
Ion Ratio Lower Upper

42 100

72 3.2 31.2 46.8#

71 0.0 30.5 45.7#





#42

Bromodichloromethane

Concen: 0.185 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.013 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

ClientSampleId :

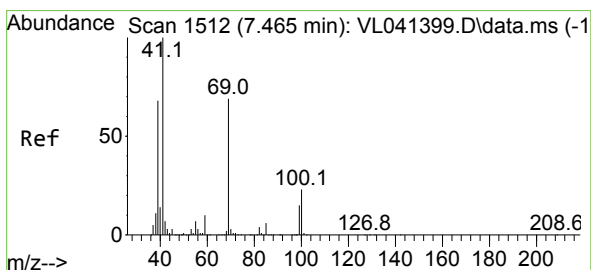
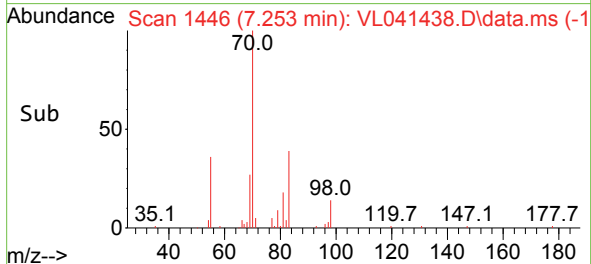
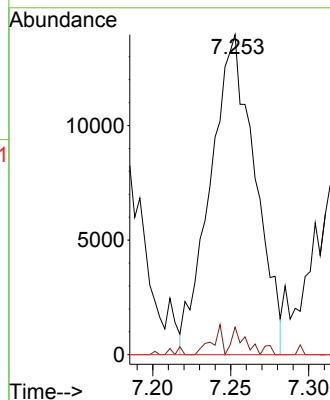
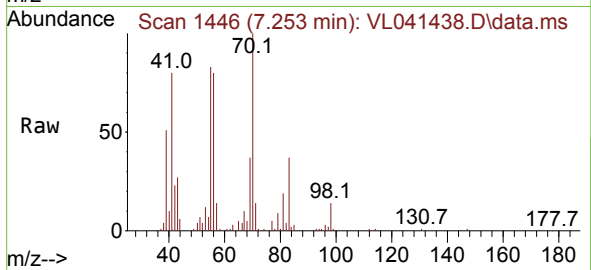
Tgt Ion: 83 Resp: 27900

Ion Ratio Lower Upper

83 100

85 9.2 51.4 77.0#

127 0.0 6.7 10.1#



#43

Methyl Methacrylate

Concen: 0.859 ppbv

RT: 7.475 min Scan# 1515

Delta R.T. 0.010 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

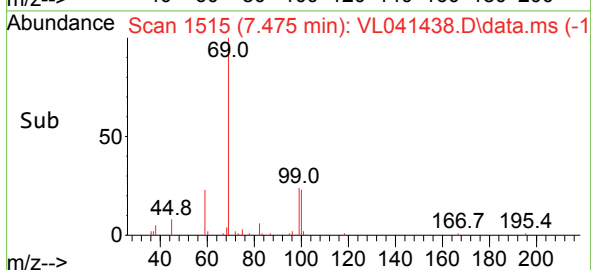
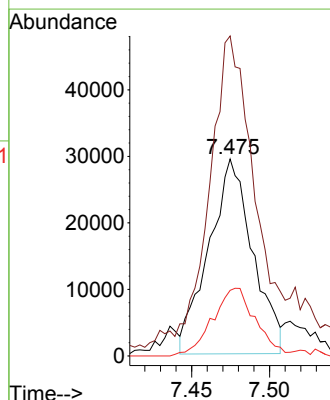
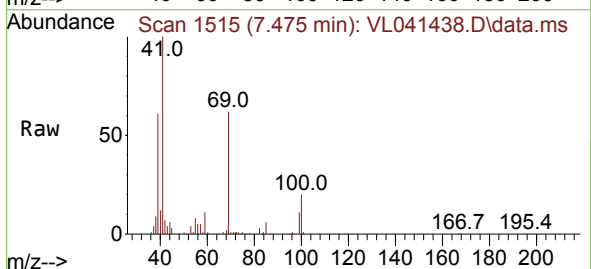
Tgt Ion: 69 Resp: 57401

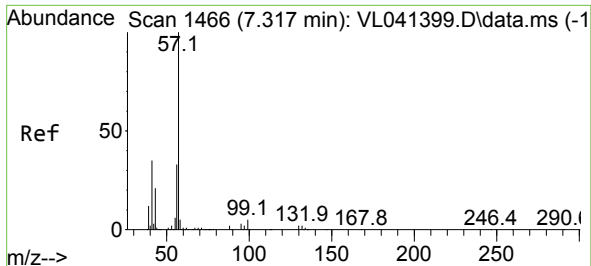
Ion Ratio Lower Upper

69 100

41 190.8 118.7 178.1#

100 35.0 27.0 40.4

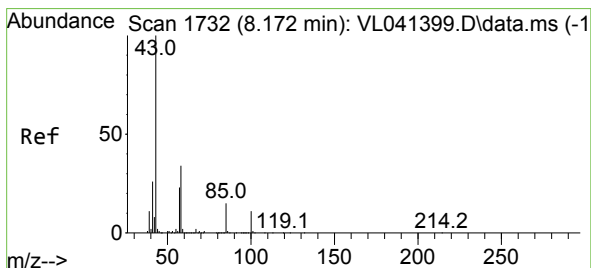
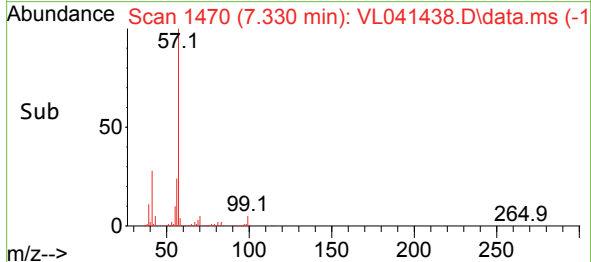
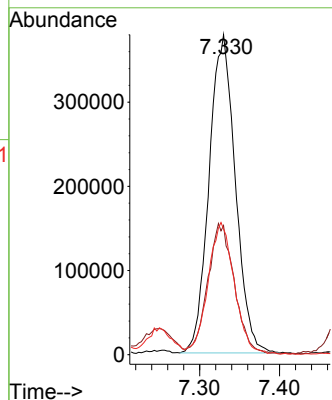
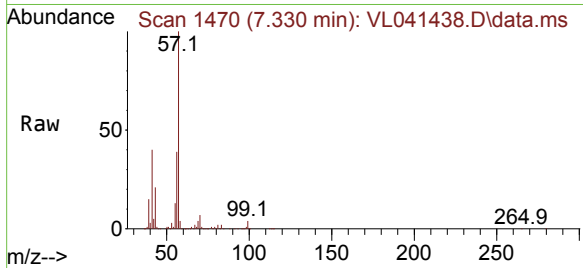




#44
 2,2,4-Trimethylpentane
 Concen: 2.770 ppbv
 RT: 7.330 min Scan# 1466
 Delta R.T. 0.013 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

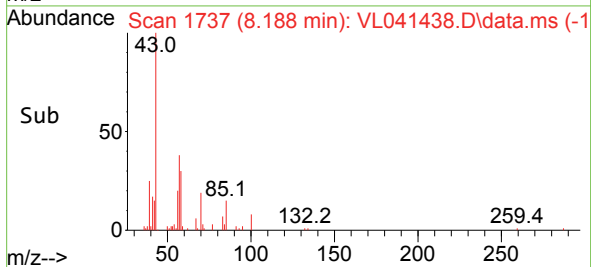
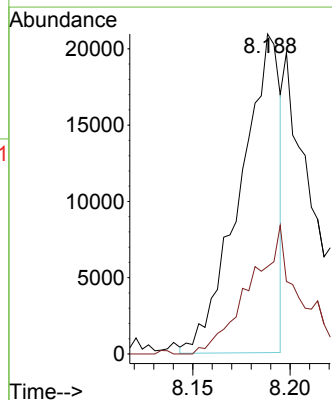
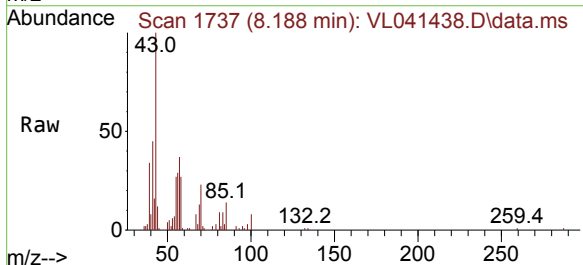
Instrument :
 MSVOA_L
 ClientSampleId :

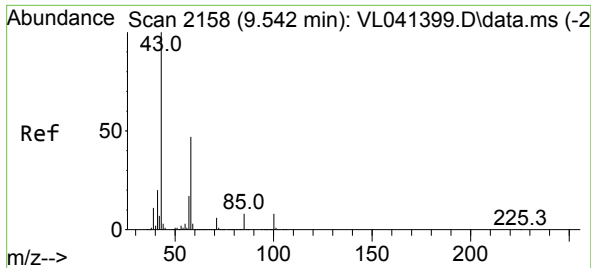
Tgt Ion: 57 Resp: 862531
 Ion Ratio Lower Upper
 57 100
 41 41.4 27.0 40.6#
 56 41.7 25.2 37.8#



#50
 4-Methyl-2-Pentanone
 Concen: 0.152 ppbv
 RT: 8.188 min Scan# 1737
 Delta R.T. 0.016 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

Tgt Ion: 43 Resp: 29683
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.9 41.9#

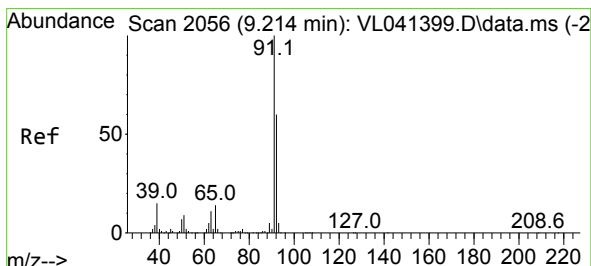
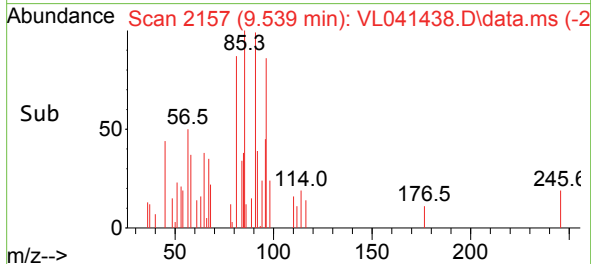
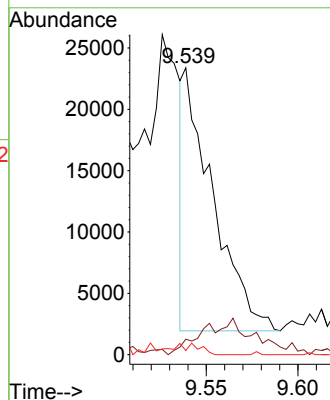
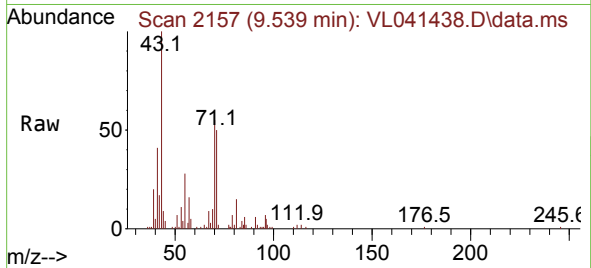




#51
2-Hexanone
Concen: 0.162 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

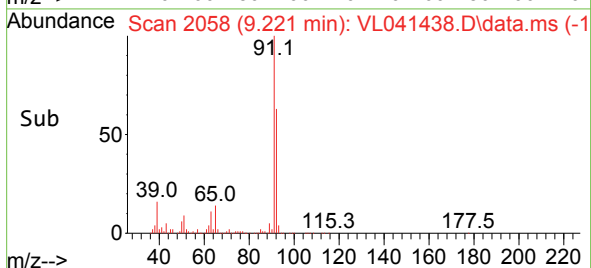
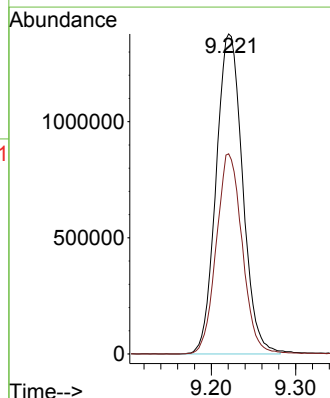
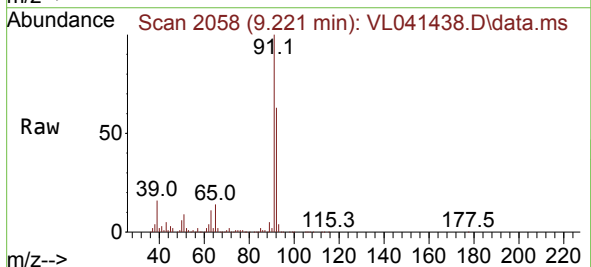
Instrument :
MSVOA_L
ClientSampleId :

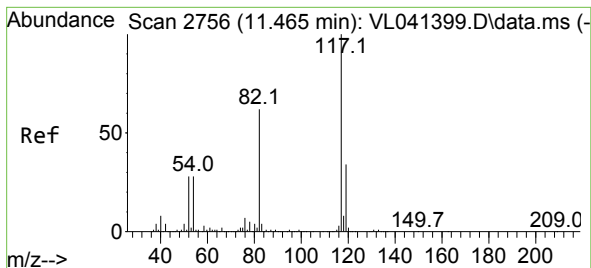
Tgt Ion: 43 Resp: 23861
Ion Ratio Lower Upper
43 100
58 25.1 38.2 57.2#
98 0.0 0.3 0.5#



#53
Toluene
Concen: 14.463 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 91 Resp: 3002901
Ion Ratio Lower Upper
91 100
92 61.6 48.7 73.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 21

Delta R.T. -0.000 min

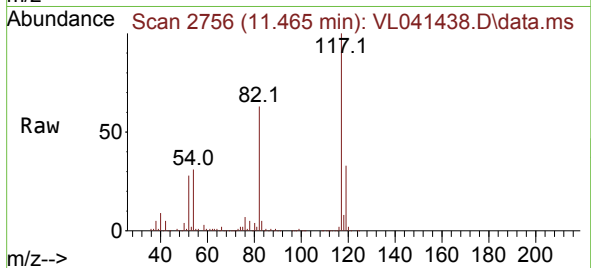
Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

ClientSampleId :



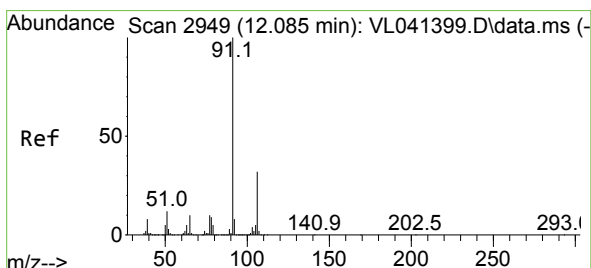
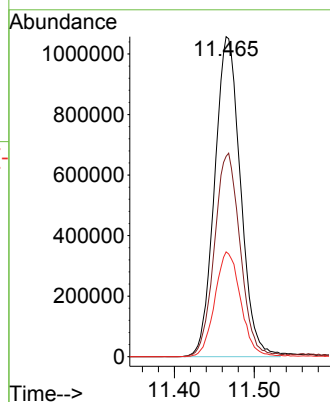
Tgt Ion:117 Resp: 2371817

Ion Ratio Lower Upper

117 100

82 63.9 51.0 76.6

119 33.1 45.2 67.8#



#58

Ethyl Benzene

Concen: 3.197 ppbv

RT: 12.089 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VL041438.D

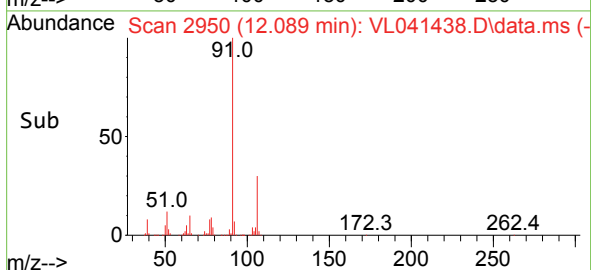
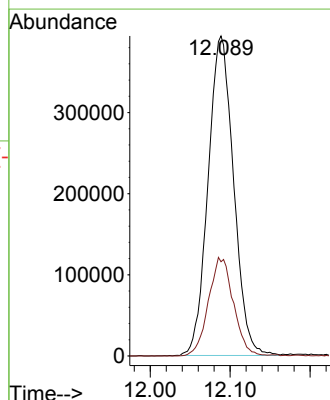
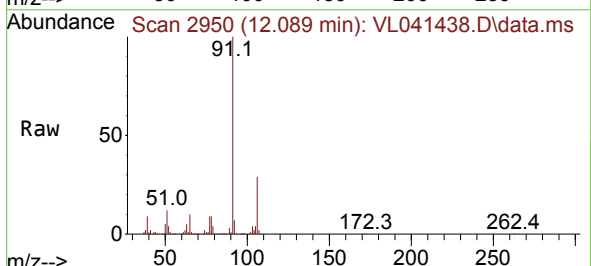
Acq: 29 Jul 2024 21:06

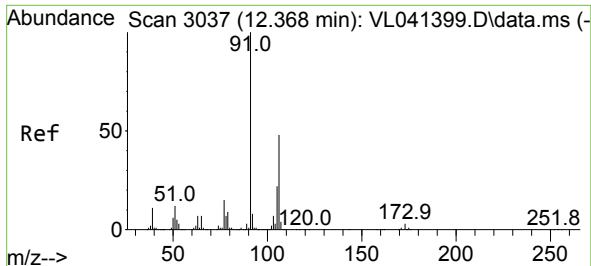
Tgt Ion: 91 Resp: 874060

Ion Ratio Lower Upper

91 100

106 29.4 25.8 38.8





#59

m/p-Xylene

Concen: 5.290 ppbv

RT: 12.339 min Scan# 3037

Delta R.T. -0.029 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

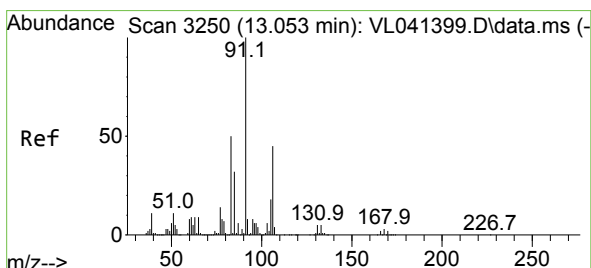
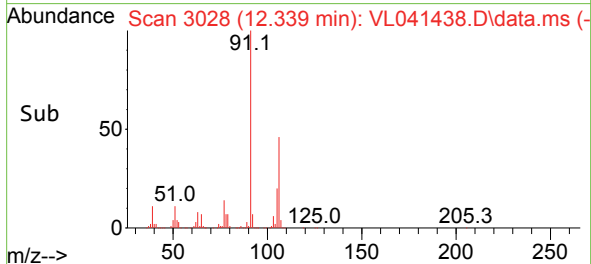
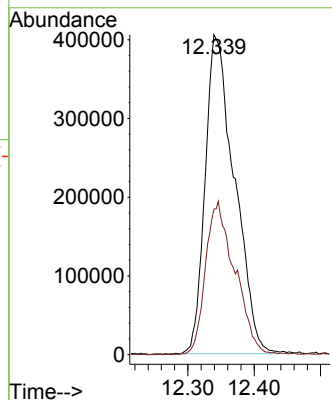
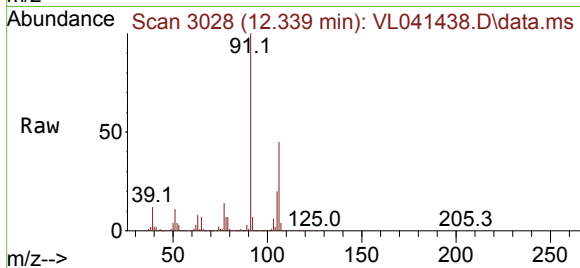
ClientSampleId :

Tgt Ion: 91 Resp: 1248439

Ion Ratio Lower Upper

91 100

106 48.2 36.3 54.5



#60

o-Xylene

Concen: 2.170 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.003 min

Lab File: VL041438.D

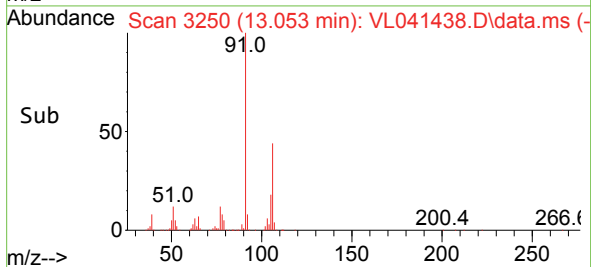
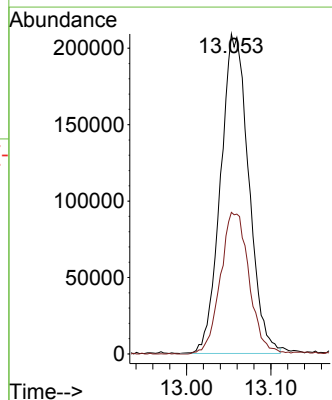
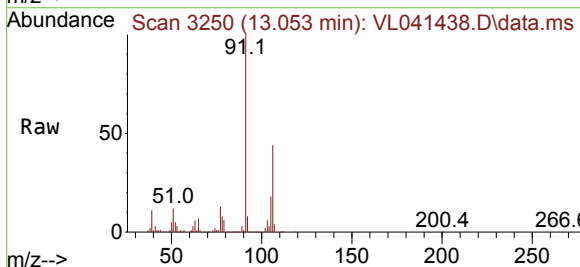
Acq: 29 Jul 2024 21:06

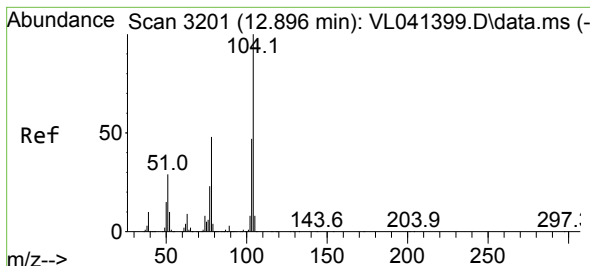
Tgt Ion: 91 Resp: 484502

Ion Ratio Lower Upper

91 100

106 45.2 23.1 69.3





#61

Styrene

Concen: 4.543 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041438.D

Acq: 29 Jul 2024 21:06

Instrument :

MSVOA_L

ClientSampleId :

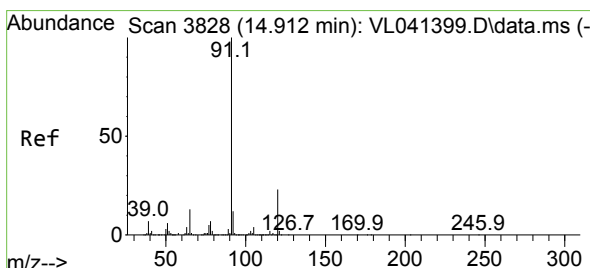
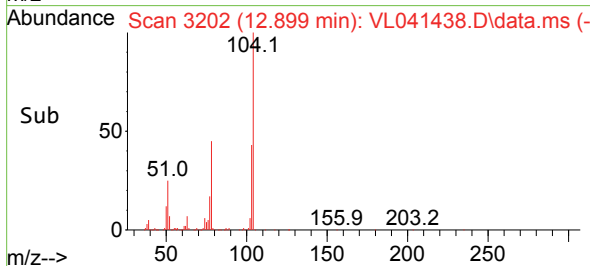
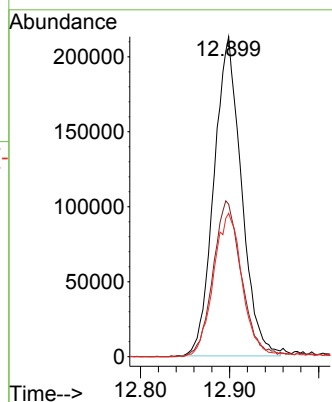
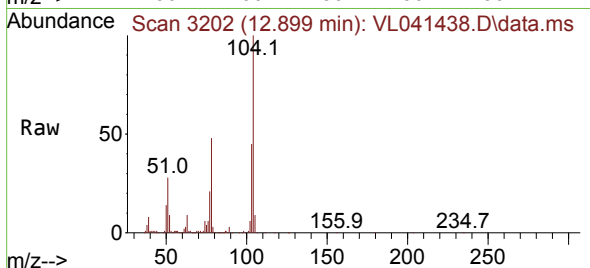
Tgt Ion:104 Resp: 457556

Ion Ratio Lower Upper

104 100

78 50.9 40.8 61.2

103 47.7 38.2 57.4



#64

n-propylbenzene

Concen: 0.042 ppbv

RT: 14.915 min Scan# 3829

Delta R.T. -0.000 min

Lab File: VL041438.D

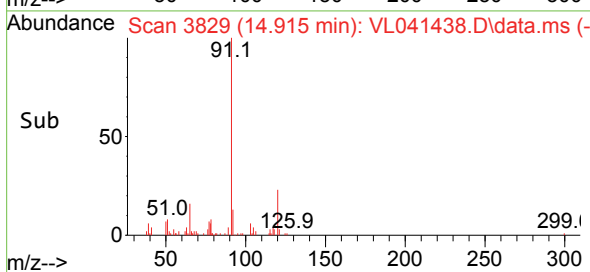
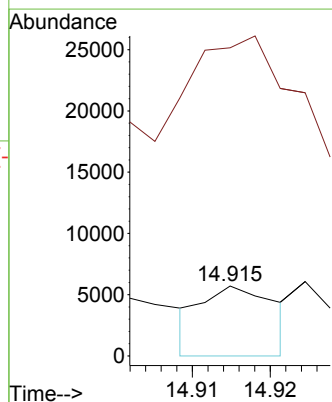
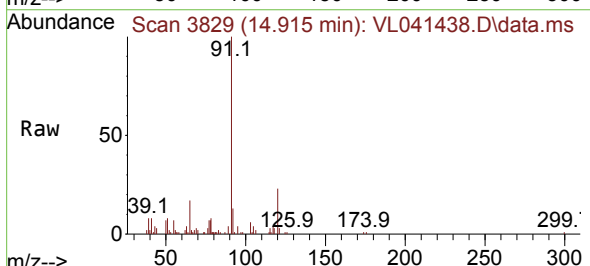
Acq: 29 Jul 2024 21:06

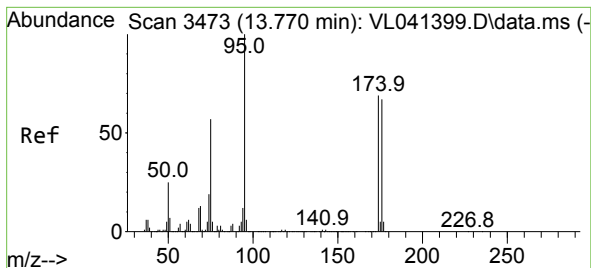
Tgt Ion:120 Resp: 3734

Ion Ratio Lower Upper

120 100

91 1639.5 361.4 542.0#

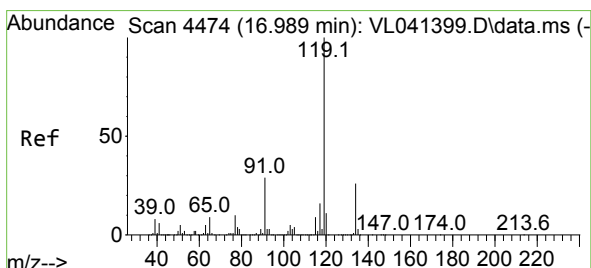
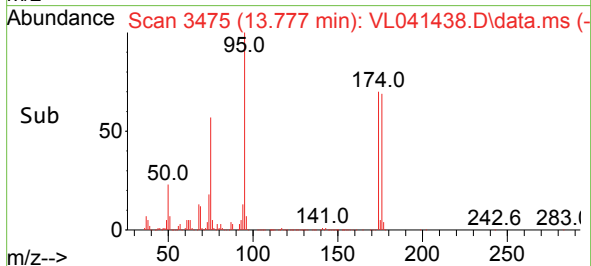
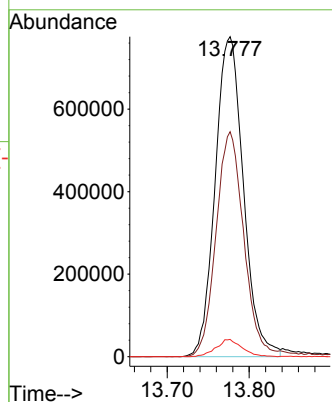
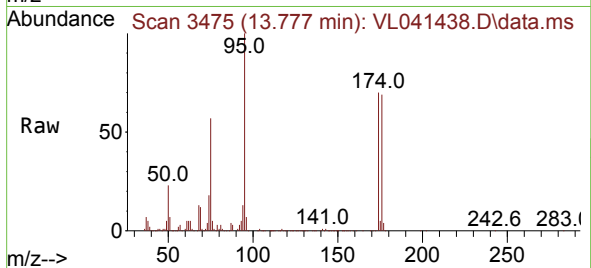




#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

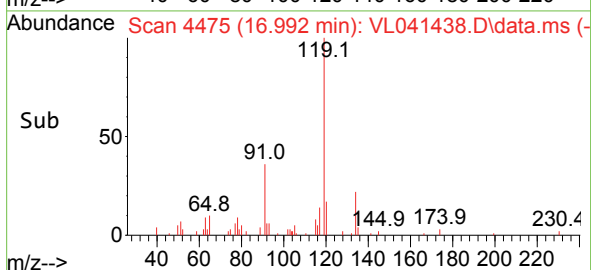
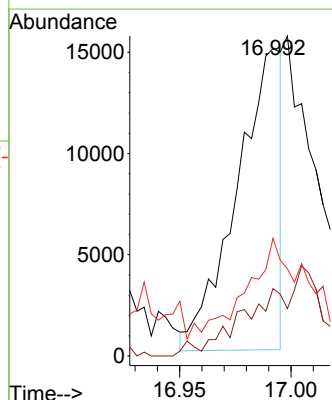
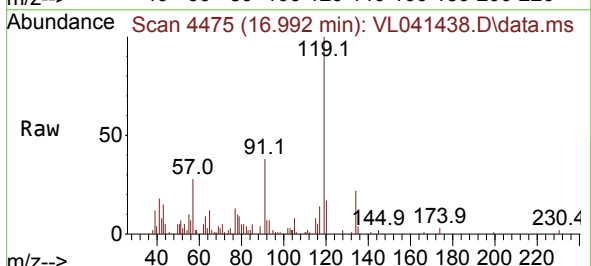
Instrument :
MSVOA_L
ClientSampleId :

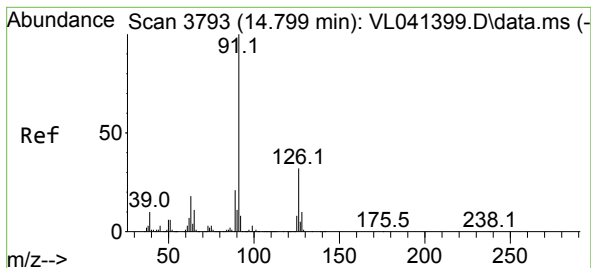
Tgt Ion: 95 Resp: 1858168
Ion Ratio Lower Upper
95 100
174 71.0 56.3 84.5
175 5.0 4.0 6.0



#69
p-Isopropyltoluene
Concen: 0.059 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. -0.003 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion: 119 Resp: 20851
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 65.0 23.2 34.8#

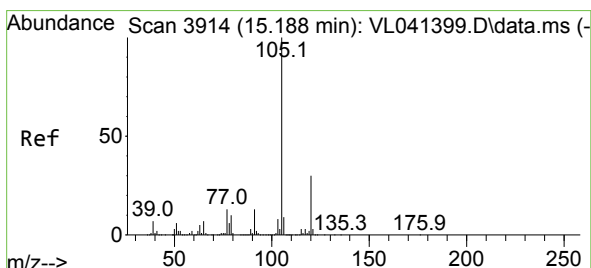
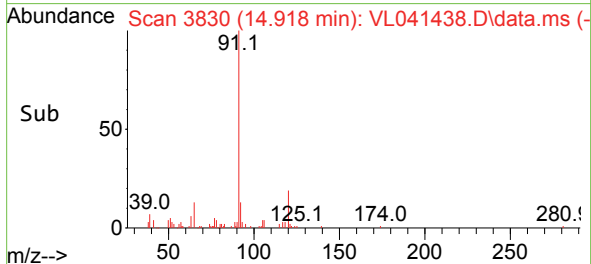
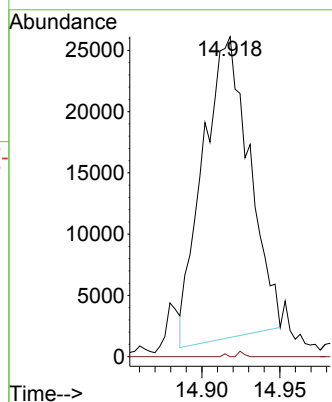
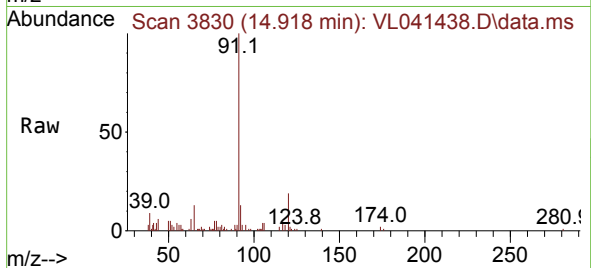




#71
2-Chlorotoluene
Concen: 0.204 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.119 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

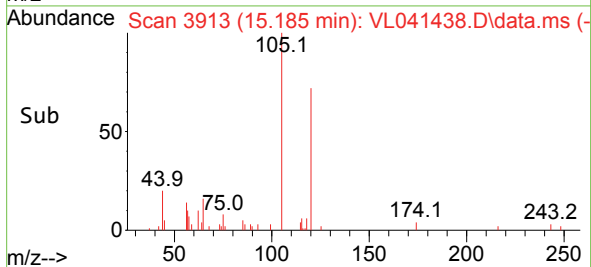
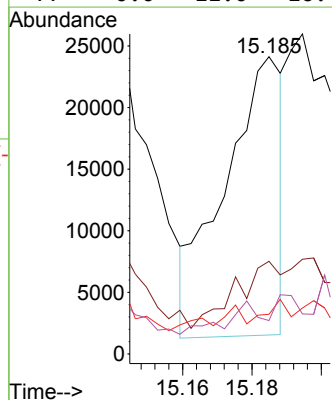
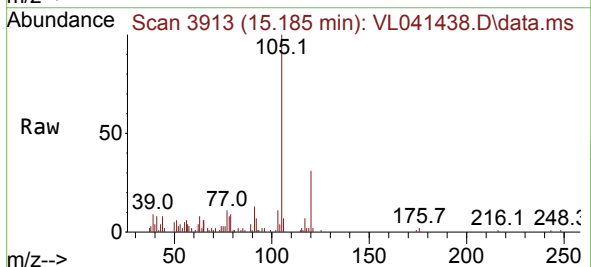
Instrument :
MSVOA_L
ClientSampleId :

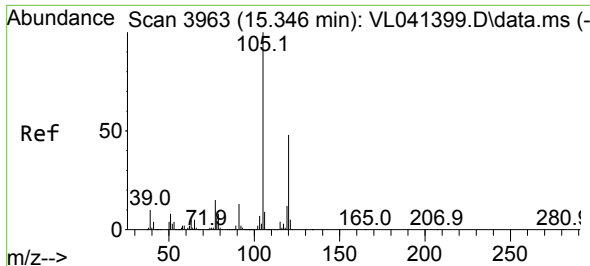
Tgt Ion: 91 Resp: 51080
Ion Ratio Lower Upper
91 100
126 0.3 12.7 50.9#



#72
4-Ethyltoluene
Concen: 0.099 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.006 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Tgt Ion:105 Resp: 26113
Ion Ratio Lower Upper
105 100
120 0.0 24.2 36.2#
91 40.7 10.4 15.6#
77 0.0 11.0 16.4#

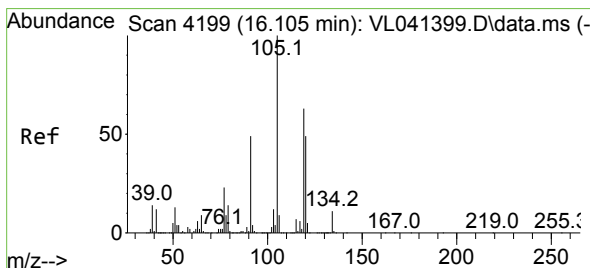
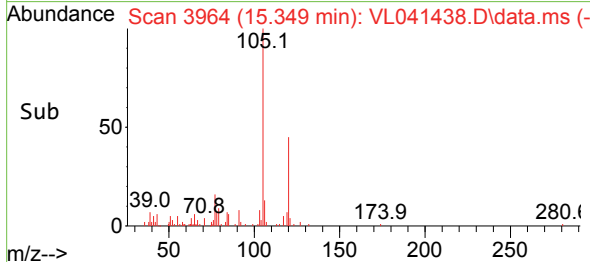
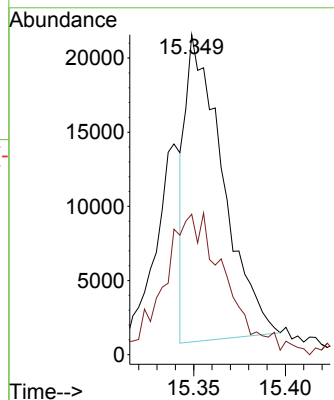
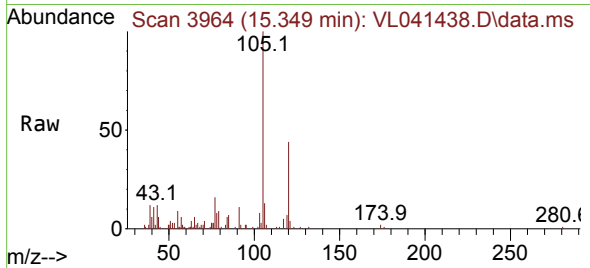




#73
 1,3,5-Trimethylbenzene
 Concen: 0.128 ppbv
 RT: 15.349 min Scan# 3963
 Delta R.T. -0.000 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:105 Resp: 28973
 Ion Ratio Lower Upper
 105 100
 120 50.2 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 0.655 ppbv
 RT: 16.105 min Scan# 4199
 Delta R.T. -0.003 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

Tgt Ion:105 Resp: 172434
 Ion Ratio Lower Upper
 105 100
 120 43.7 39.5 59.3
 91 10.5 39.8 59.8#
 77 14.6 18.2 27.4#

