

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 :
 ACVI-IA-02DUP

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

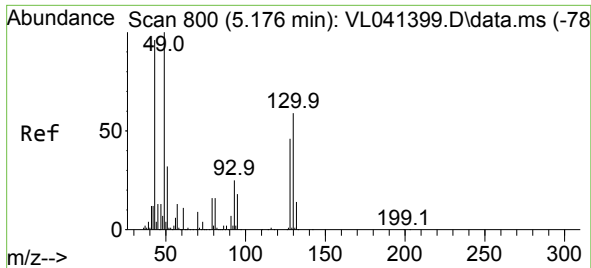
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041438.D
Acq On : 29 Jul 2024 21:06
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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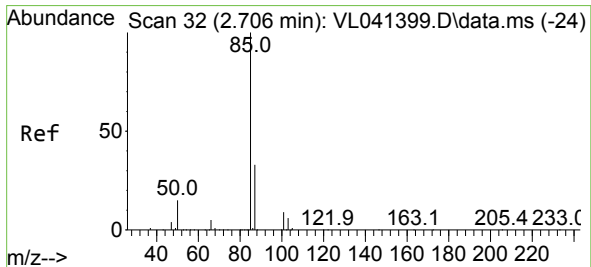
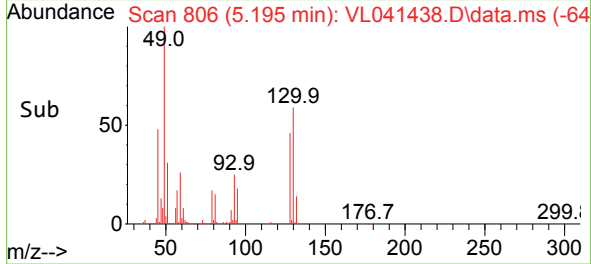
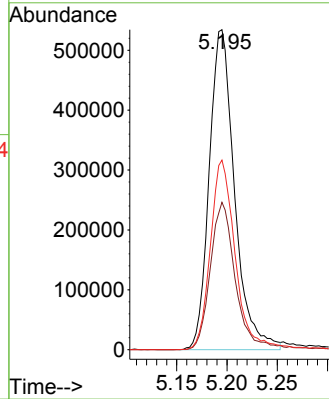
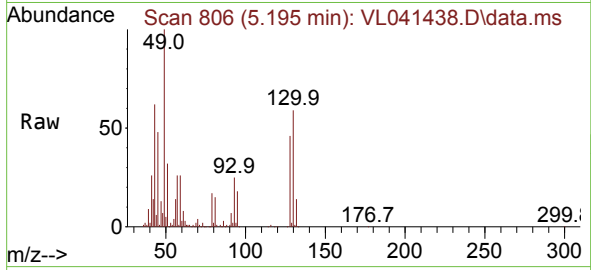
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

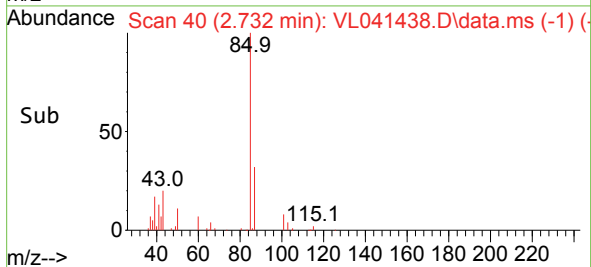
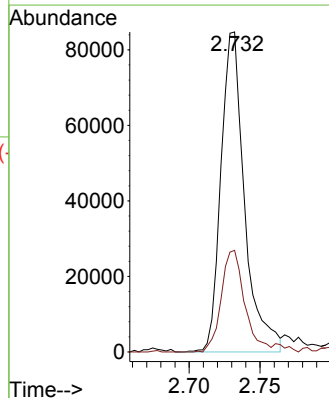
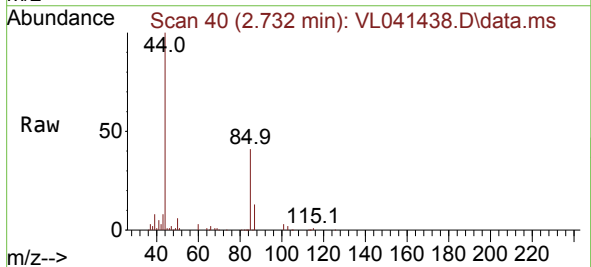
Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-02DUP

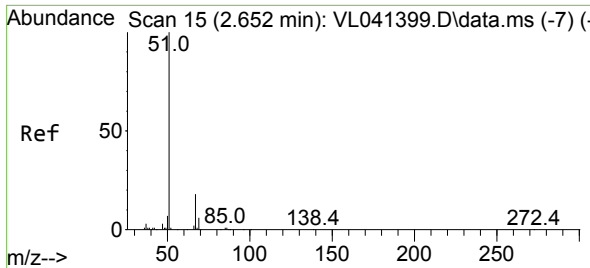
Tgt Ion: 49 Resp: 937032
 Ion Ratio Lower Upper
 49 100
 128 46.6 23.8 71.4
 130 58.9 30.8 92.4



#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

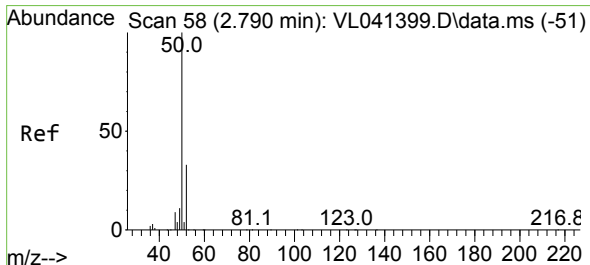
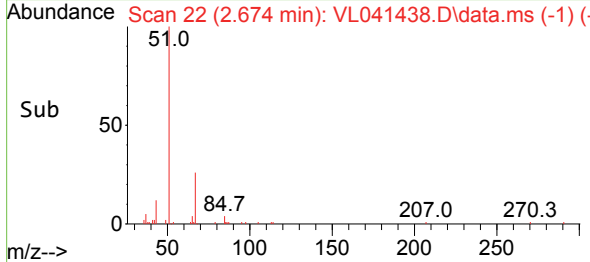
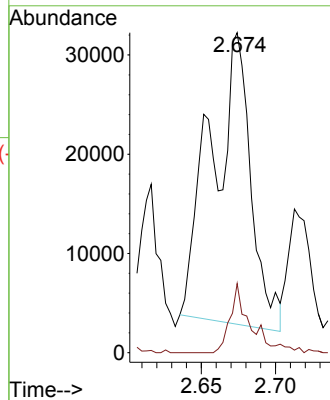
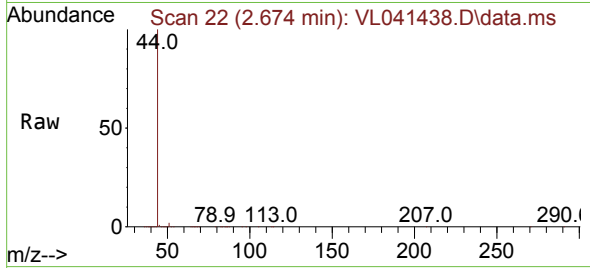




#3
Chlorodifluoromethane
Concen: 0.481 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

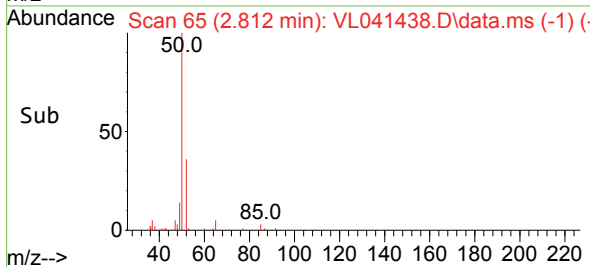
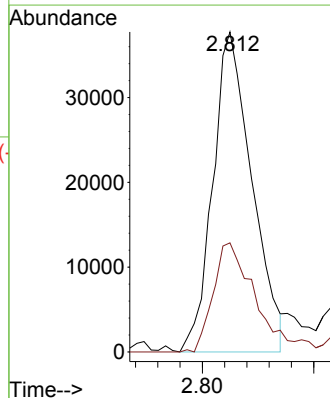
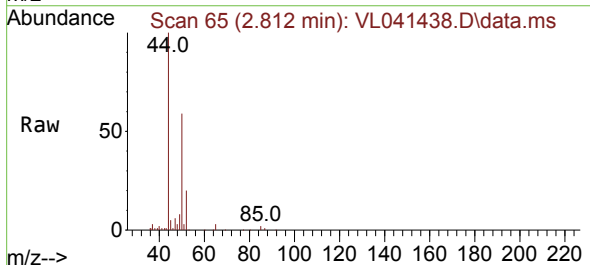
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ACVI-IA-02DUP

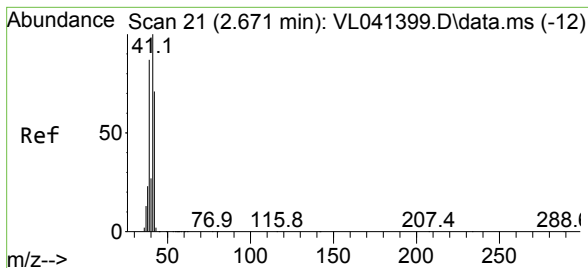
Tgt Ion: 51 Resp: 53696
Ion Ratio Lower Upper
51 100
67 12.8 14.5 21.7#



#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 :

MSVOA_L

ClientSampleId :

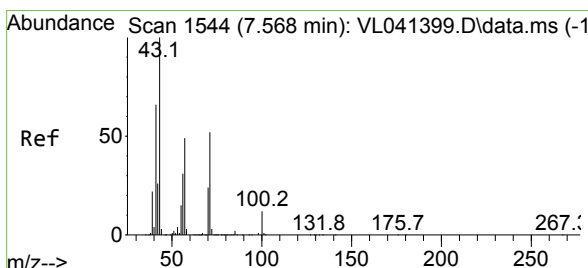
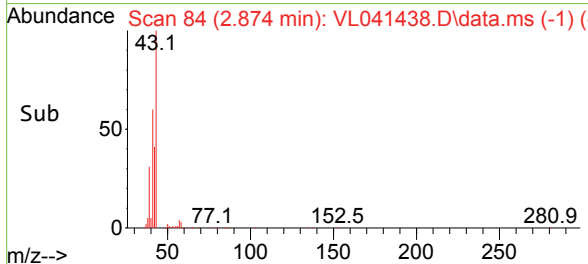
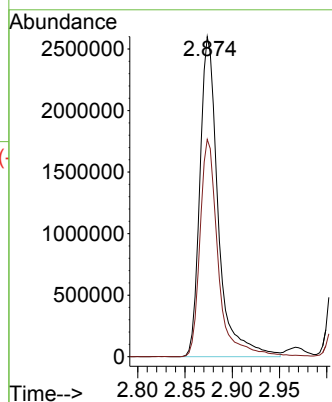
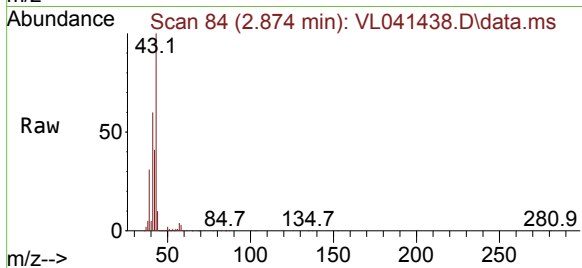
ACVI-IA-02DUP

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

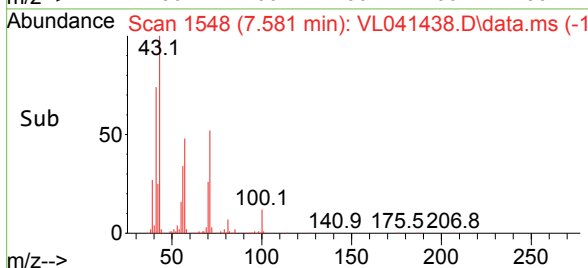
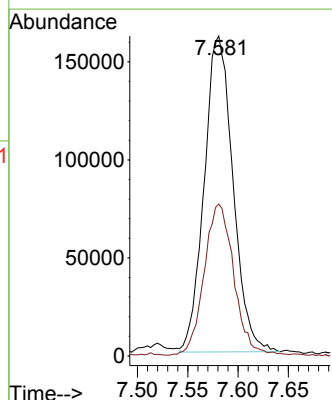
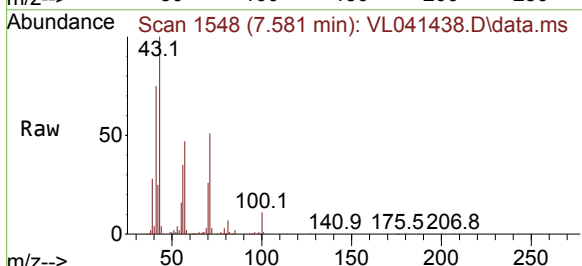
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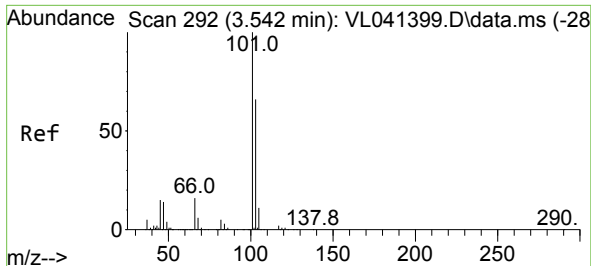
Tgt Ion: 43 Resp: 320760

Ion Ratio Lower Upper

43 100

57 50.9 40.5 60.7

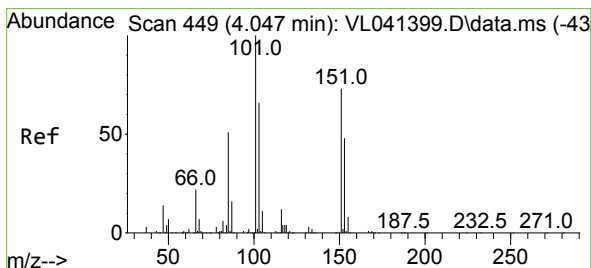
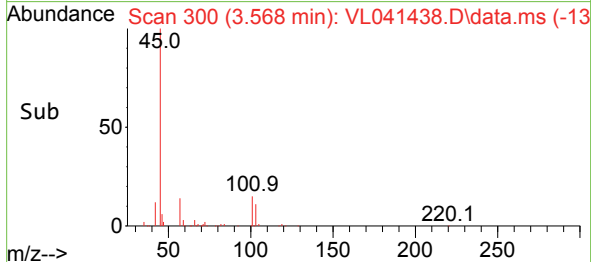
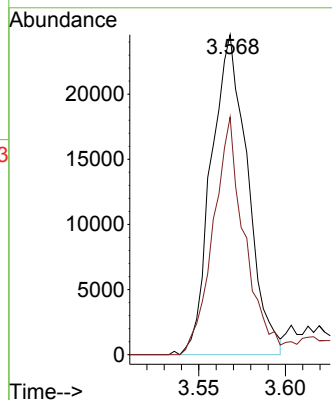
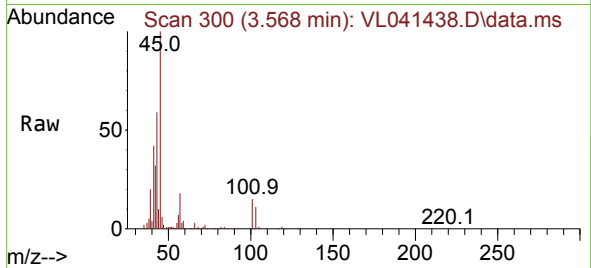




#11
 Trichlorofluoromethane
 Concen: 0.249 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.022 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

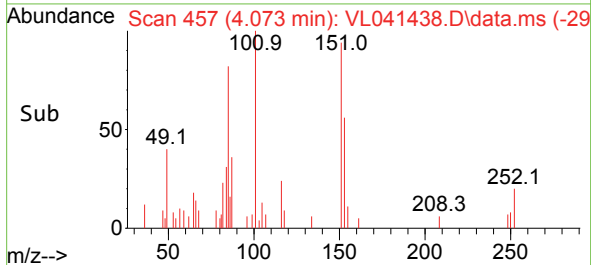
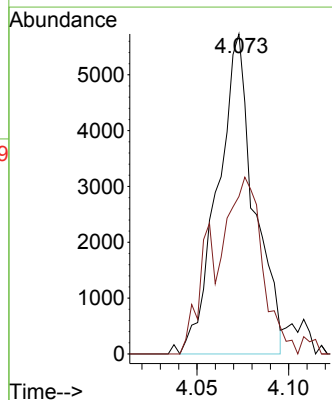
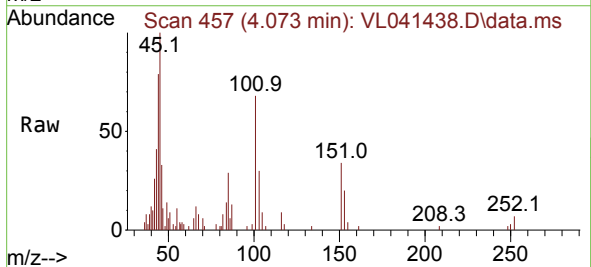
Instrument :
 MSVOA_L
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 ACVI-IA-02DUP

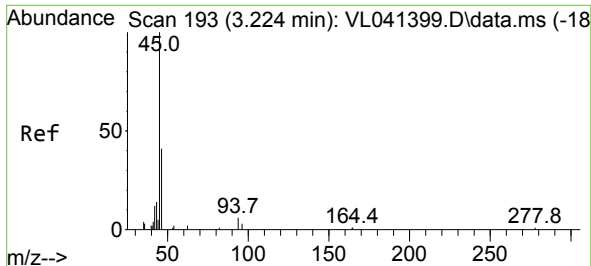
Tgt Ion:101 Resp: 35703
 Ion Ratio Lower Upper
 101 100
 103 74.2 52.6 79.0



#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

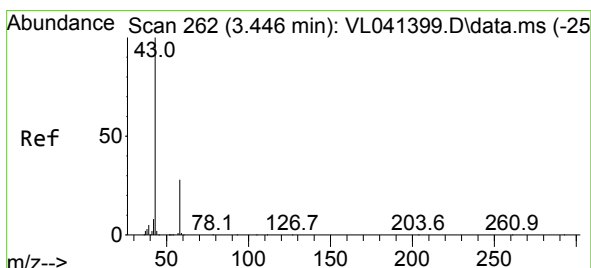
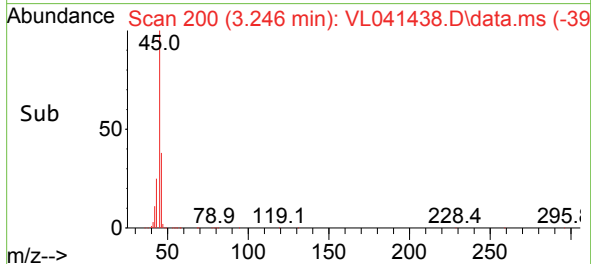
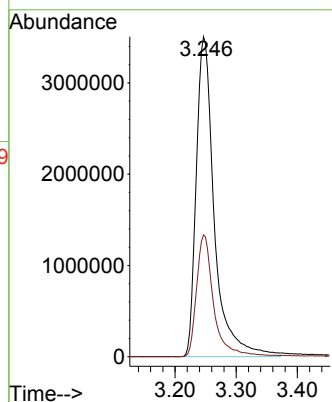
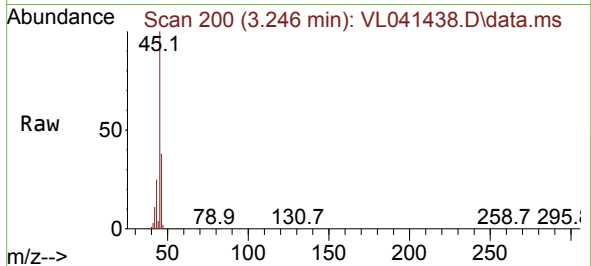




#13
Ethanol
Concen: 1572.971 ppbv
RT: 3.246 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

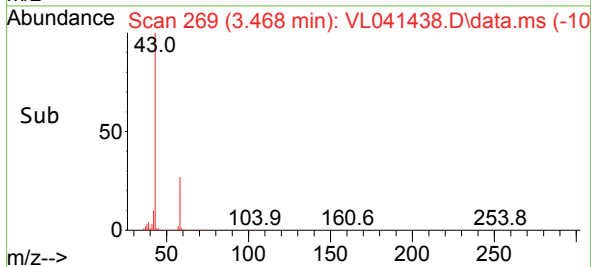
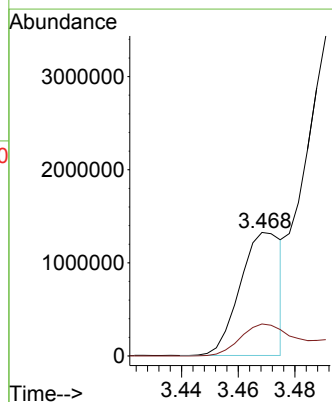
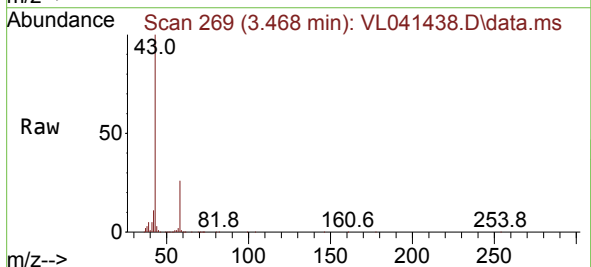
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ACVI-IA-02DUP

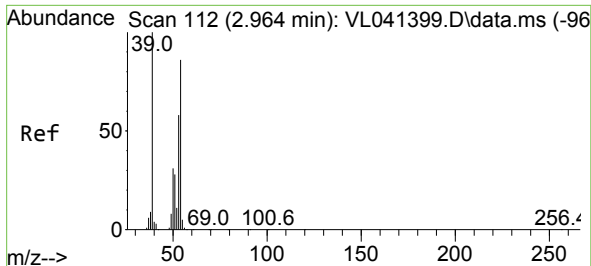
Tgt Ion: 45 Resp: 7204217
Ion Ratio Lower Upper
45 100
46 36.7 13.4 53.4



#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#

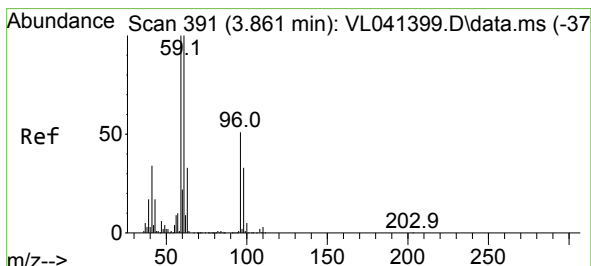
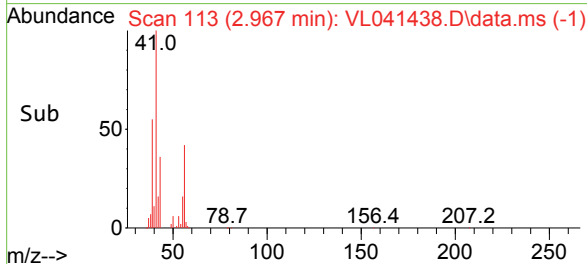
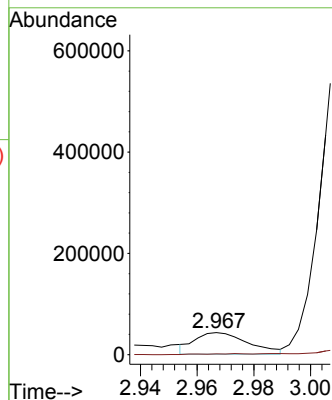
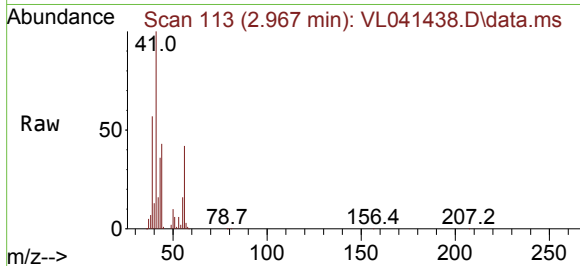




#16
1,3-Butadiene
Concen: 0.982 ppbv
RT: 2.967 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

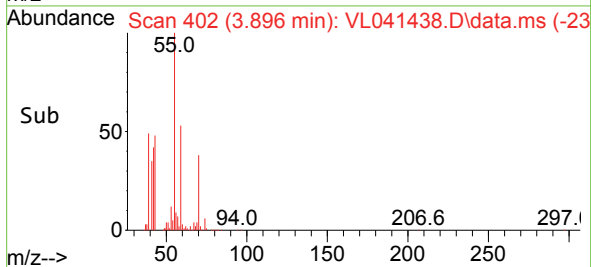
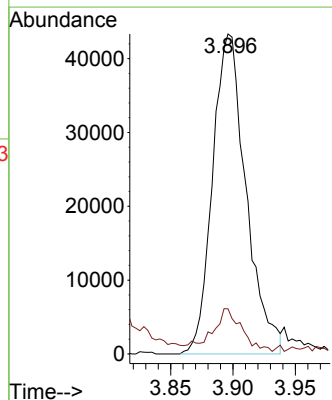
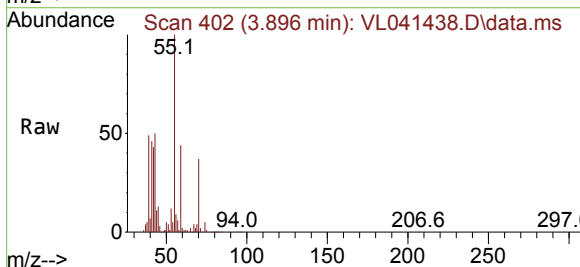
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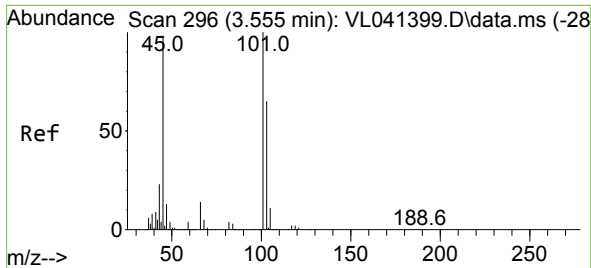
Tgt Ion: 39 Resp: 55879
Ion Ratio Lower Upper
39 100
54 0.0 62.5 93.7#



#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 :

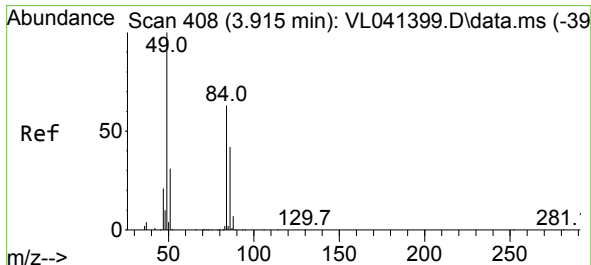
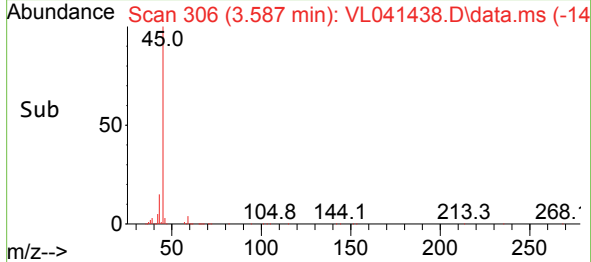
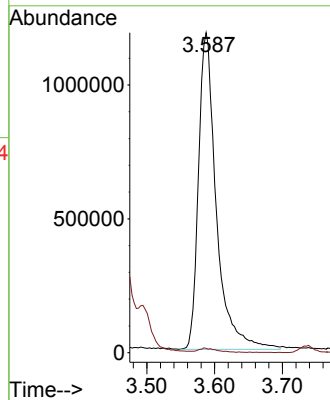
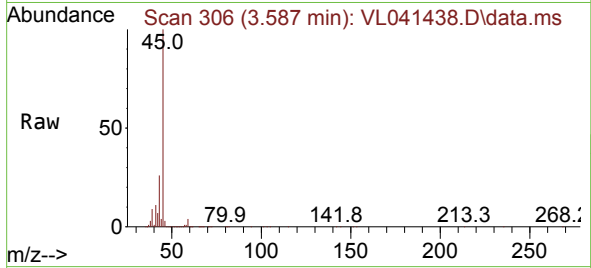
ACVI-IA-02DUP

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

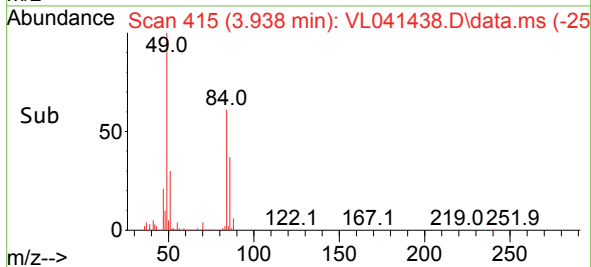
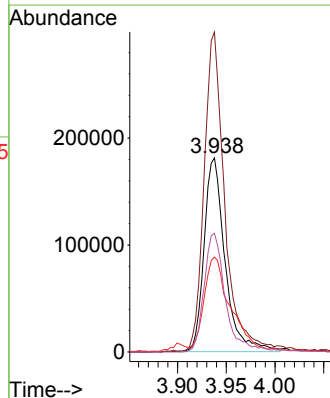
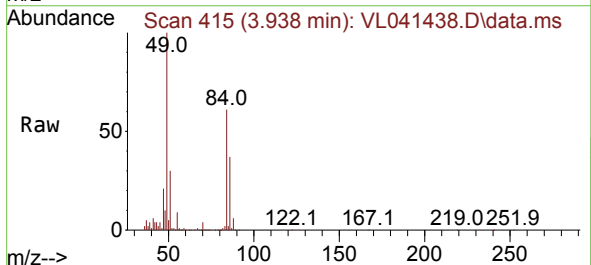
Ion Ratio Lower Upper

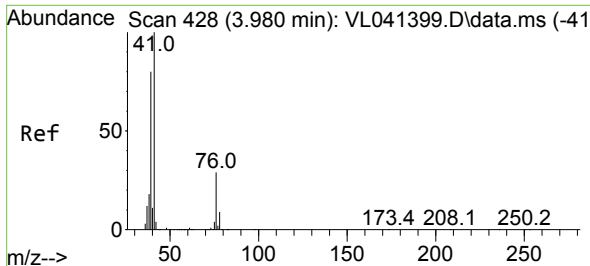
84 100

49 164.6 126.6 190.0

51 47.8 38.6 58.0

86 61.3 53.0 79.4

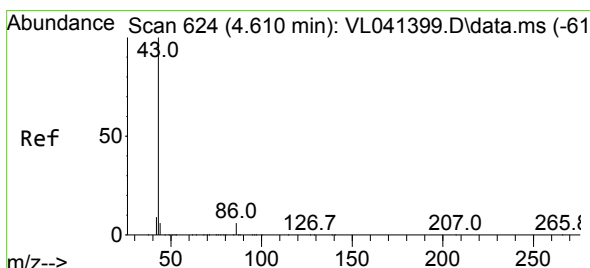
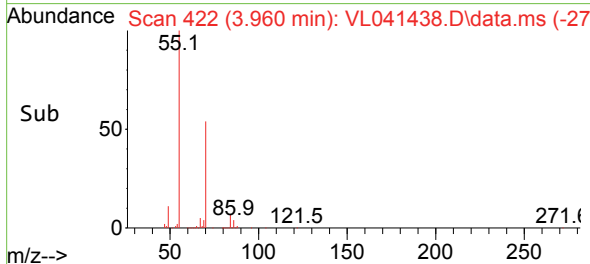
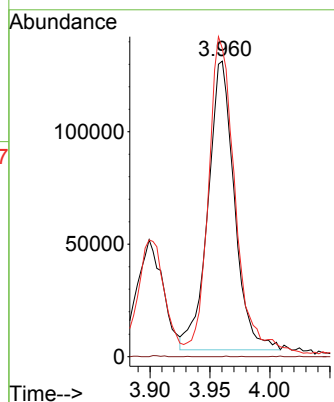
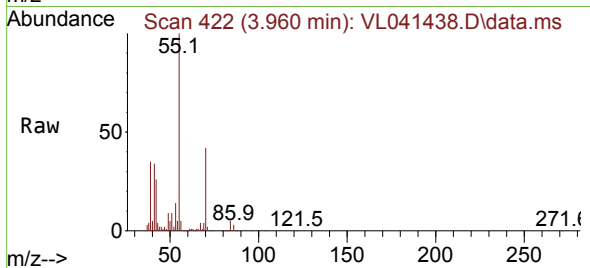




#21
 Allyl Chloride
 Concen: 2.814 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL041438.D
 Acq: 29 Jul 2024 21:06

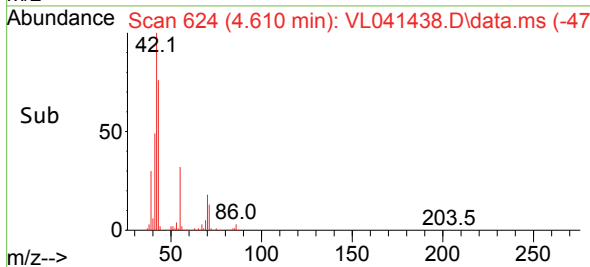
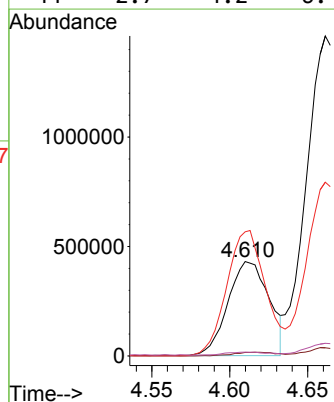
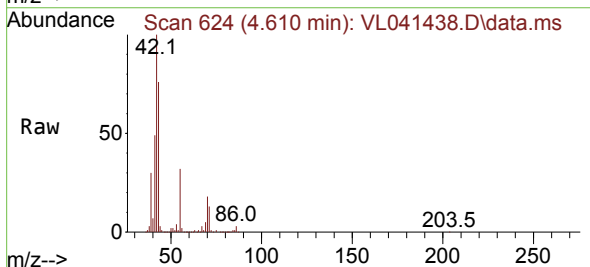
Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-02DUP

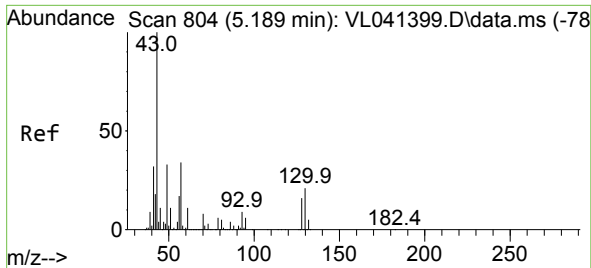
Tgt Ion: 41 Resp: 196470
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.7 35.5#
 39 115.0 64.3 96.5#



#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#



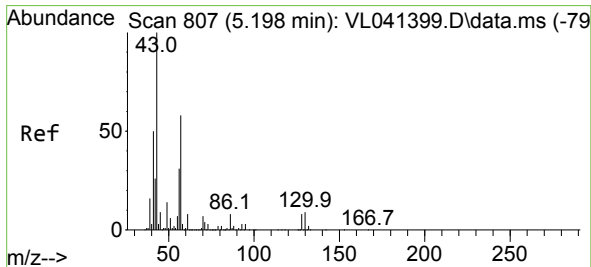
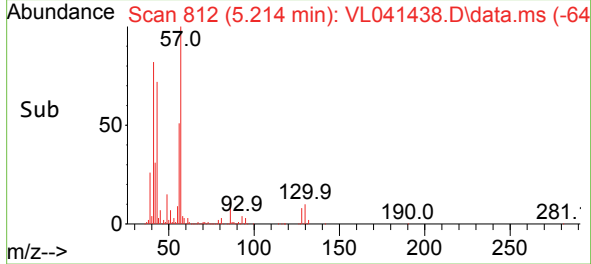
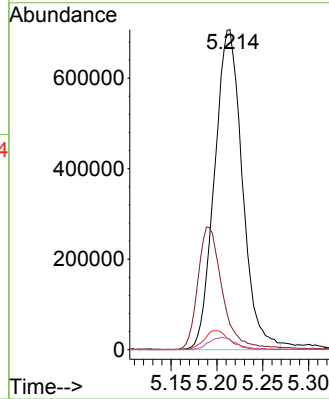
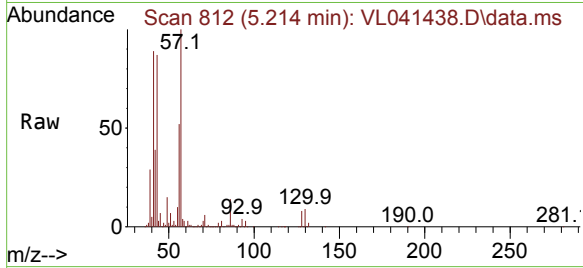


#25
Ethyl Acetate
Concen: 7.064 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.022 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

Tgt Ion: 43 Resp: 1494110

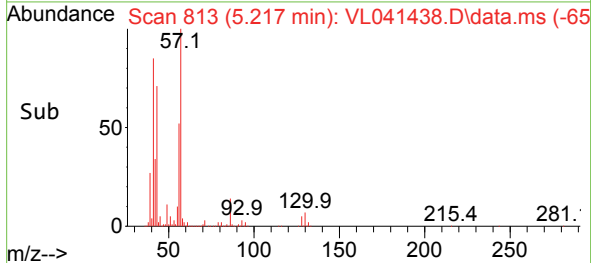
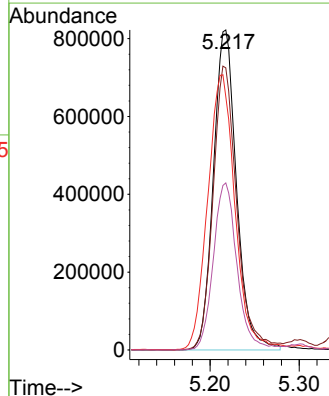
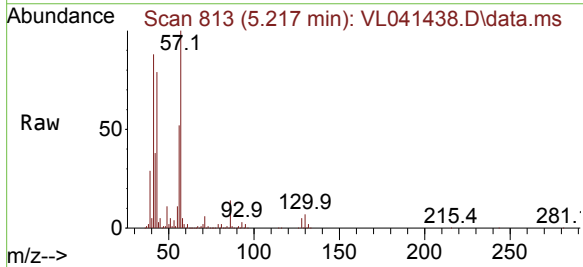
Ion	Ratio	Lower	Upper
43	100		
45	34.6	8.5	12.7#
61	5.6	8.0	12.0#
70	3.9	5.9	8.9#

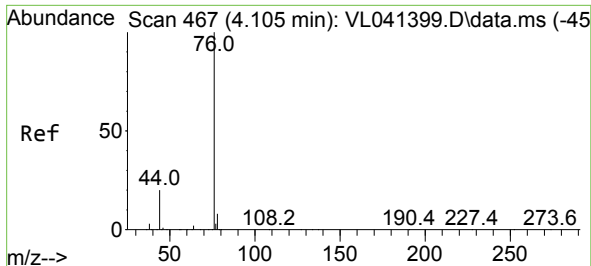


#26
Hexane
Concen: 16.907 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.019 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

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

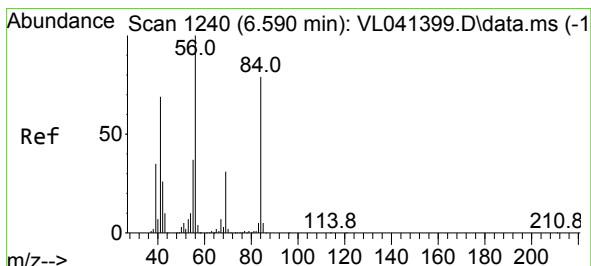
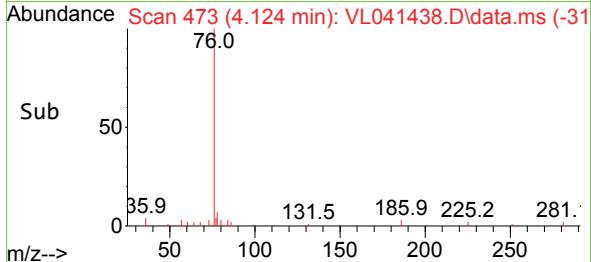
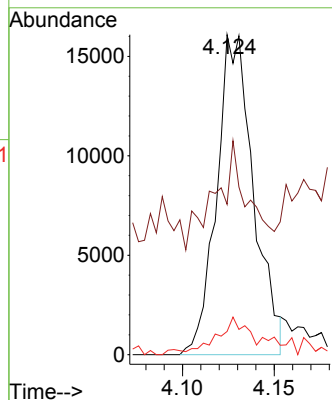
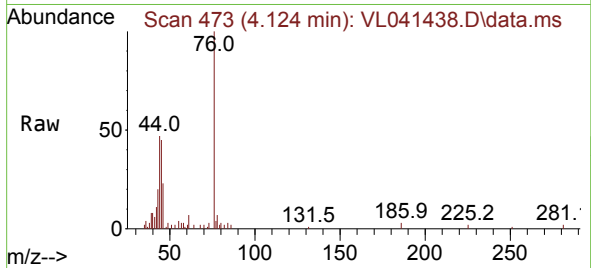




#27
Carbon Disulfide
Concen: 0.218 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

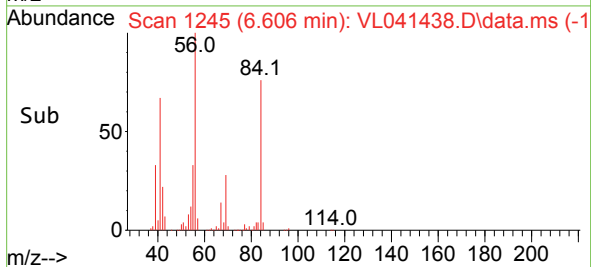
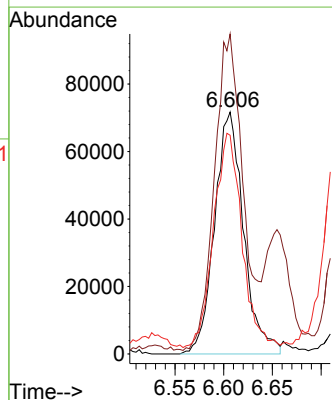
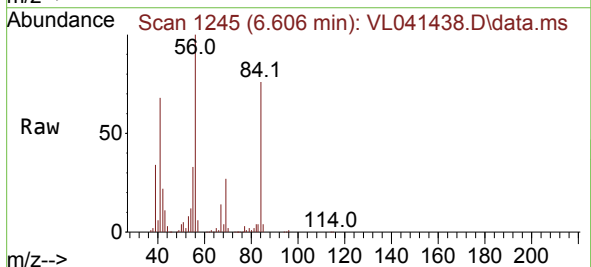
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

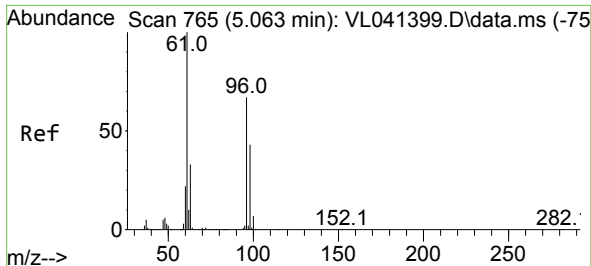
Tgt Ion: 76 Resp: 22415
Ion Ratio Lower Upper
76 100
44 30.2 15.6 23.4#
78 20.9 7.7 11.5#



#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

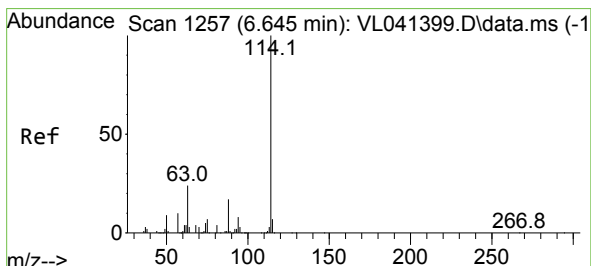
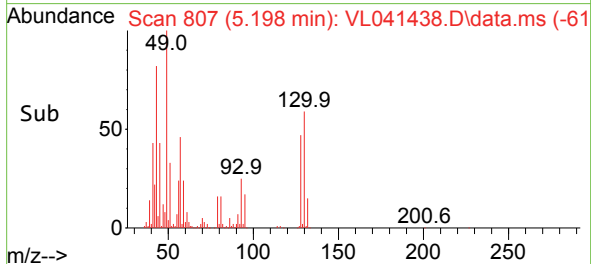
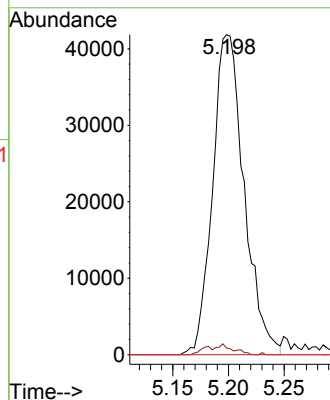
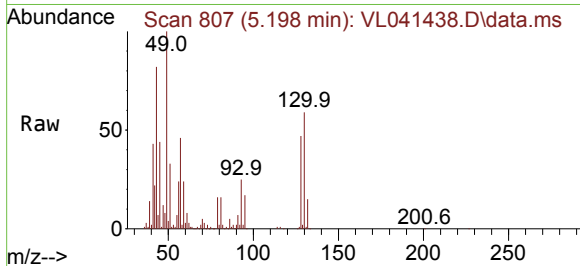




#31
cis-1,2-Dichloroethene
Concen: 0.948 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.132 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

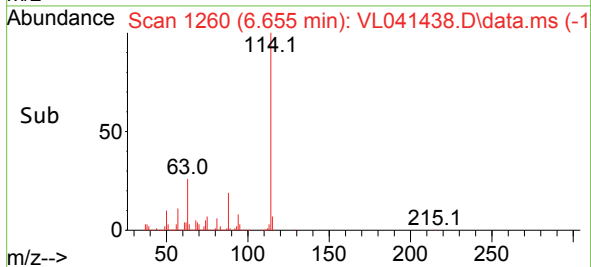
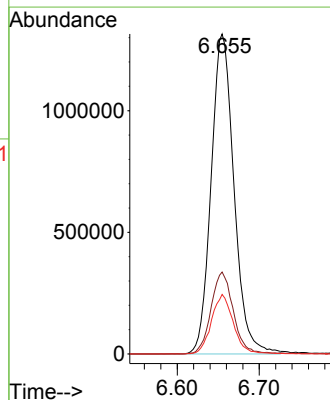
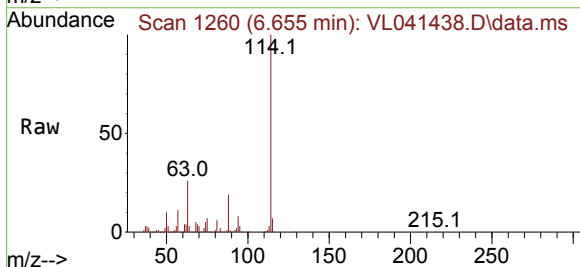
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

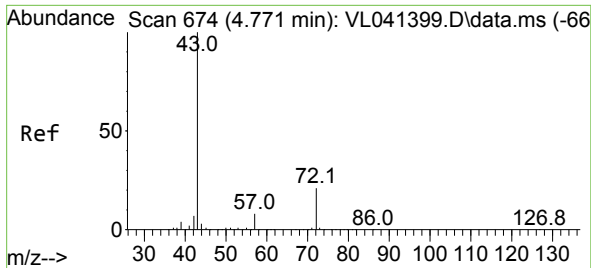
Tgt Ion: 61 Resp: 82145
Ion Ratio Lower Upper
61 100
96 2.1 53.4 80.2#
98 0.0 34.4 51.6#



#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

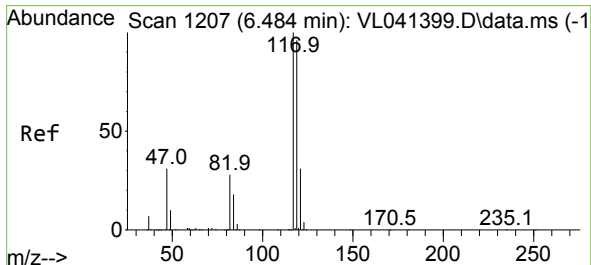
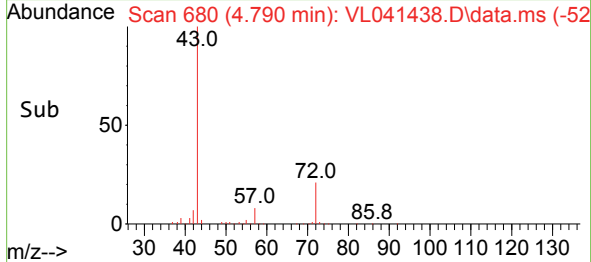
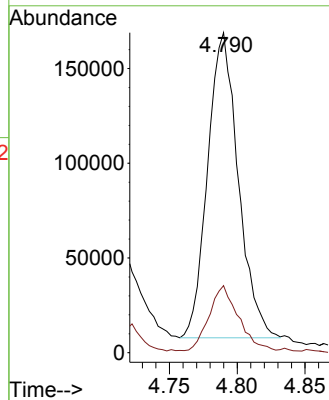
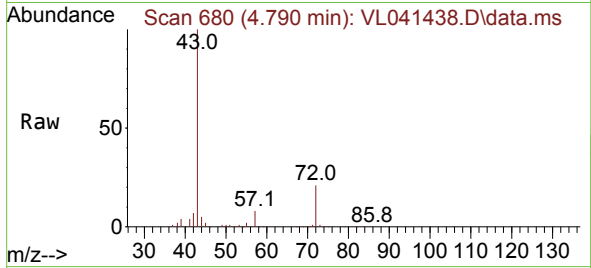




#34
2-Butanone
Concen: 2.052 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

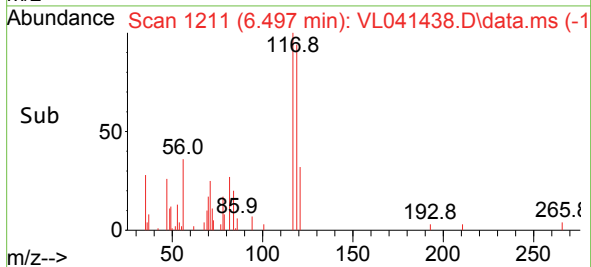
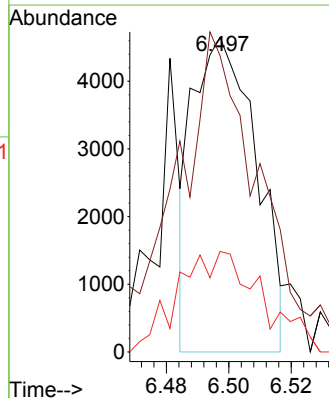
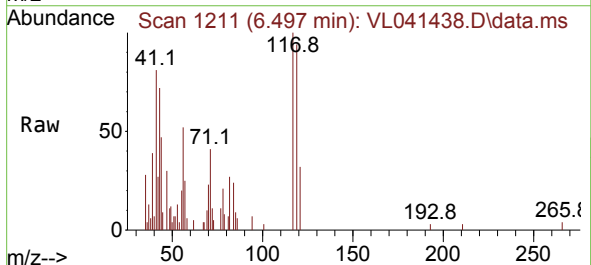
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

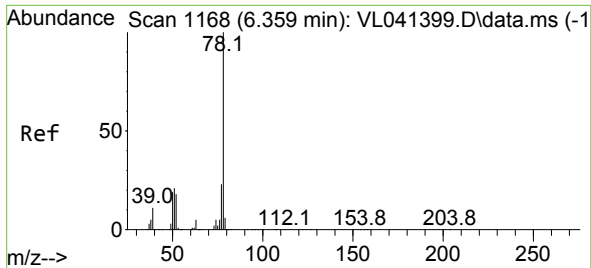
Tgt Ion: 43 Resp: 253162
Ion Ratio Lower Upper
43 100
72 22.6 17.3 25.9



#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#

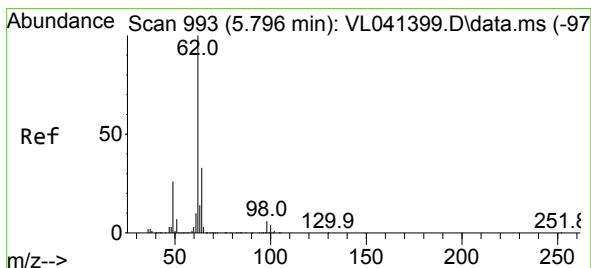
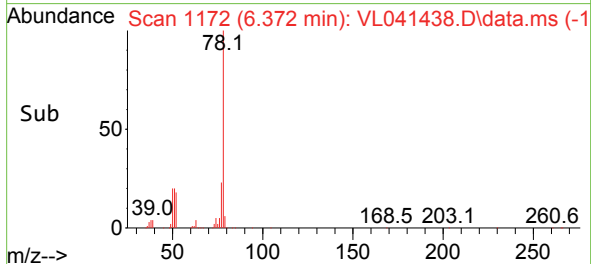
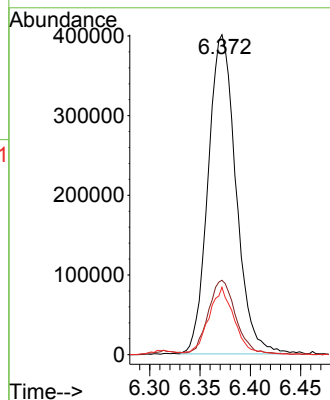
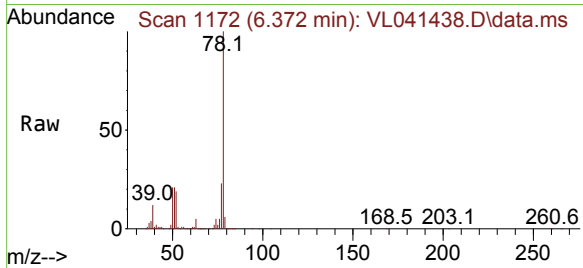




#36
Benzene
Concen: 4.132 ppbv
RT: 6.372 min Scan# 1168
Delta R.T. 0.013 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

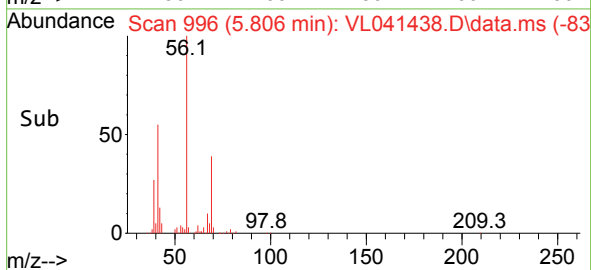
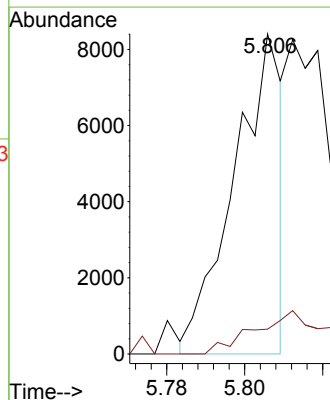
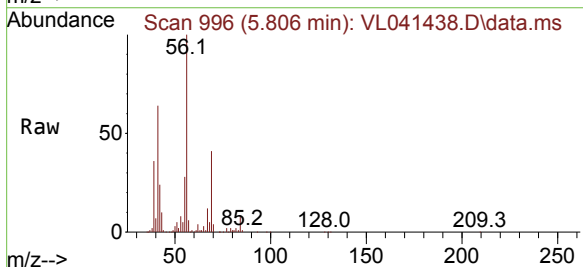
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

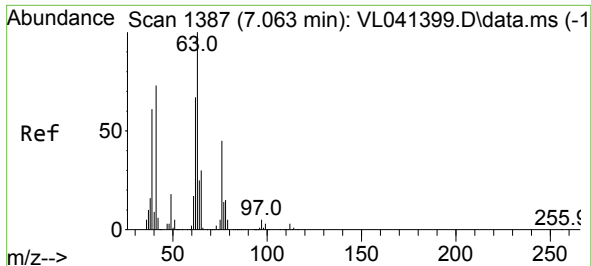
Tgt Ion: 78 Resp: 770151
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1
50 20.8 15.5 23.3



#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 :

ACVI-IA-02DUP

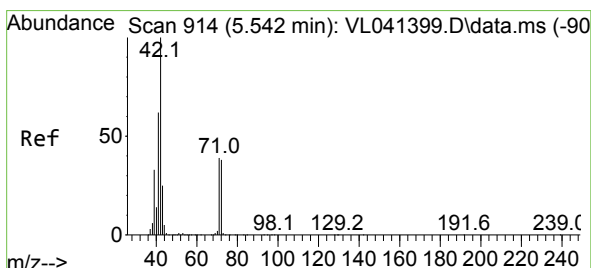
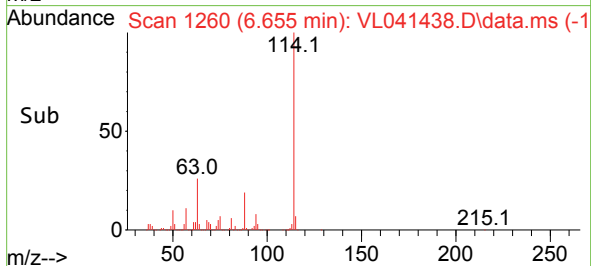
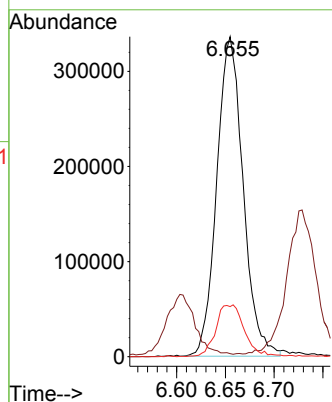
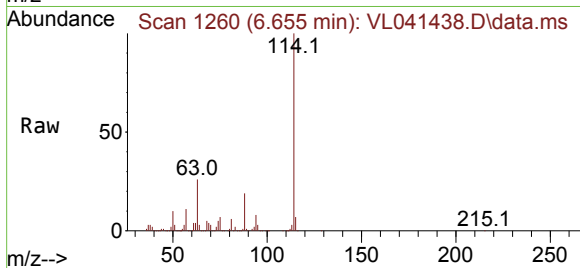
Tgt Ion: 63 Resp: 631257

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

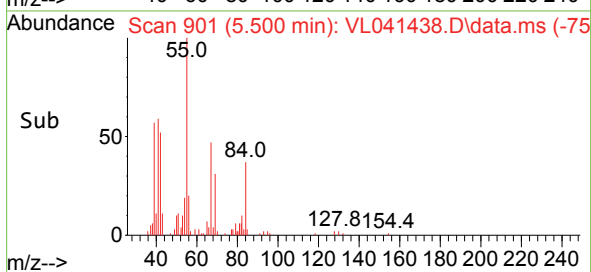
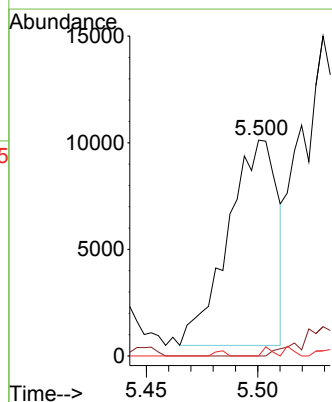
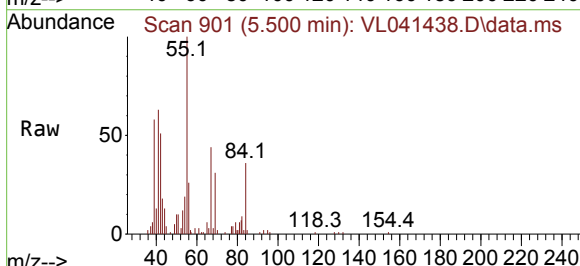
Tgt Ion: 42 Resp: 14796

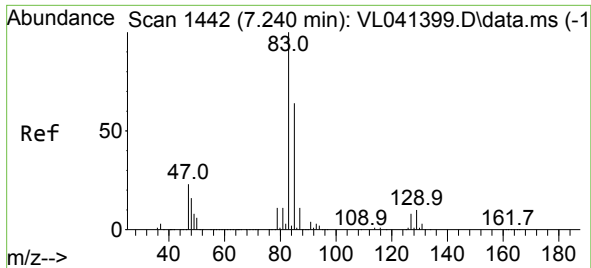
Ion Ratio Lower Upper

42 100

72 3.2 31.2 46.8#

71 0.0 30.5 45.7#

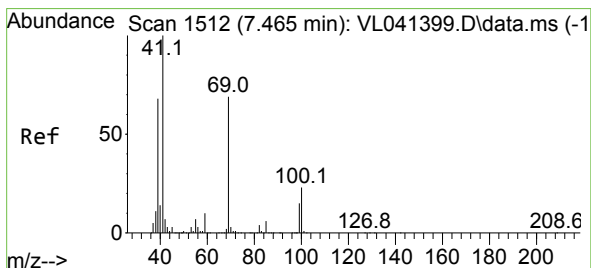
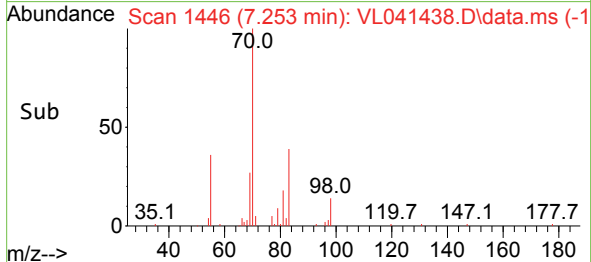
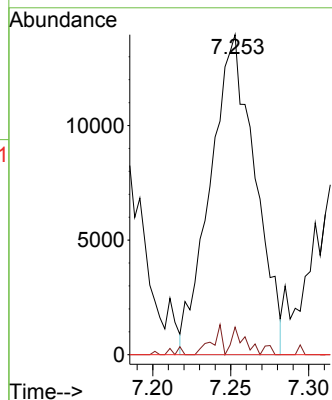
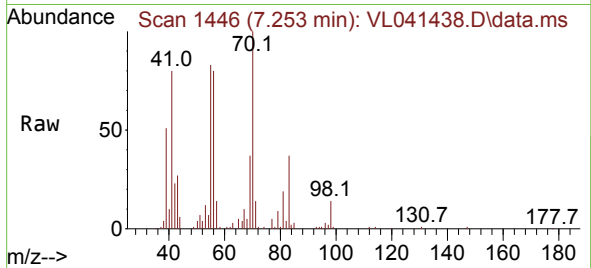




#42
Bromodichloromethane
Concen: 0.185 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.013 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

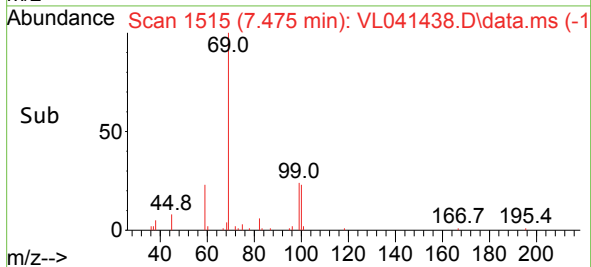
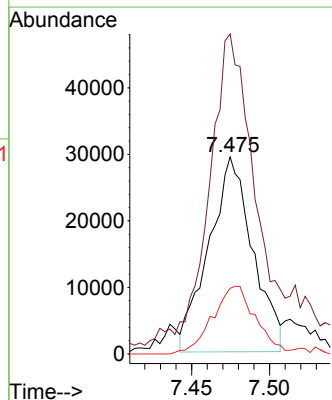
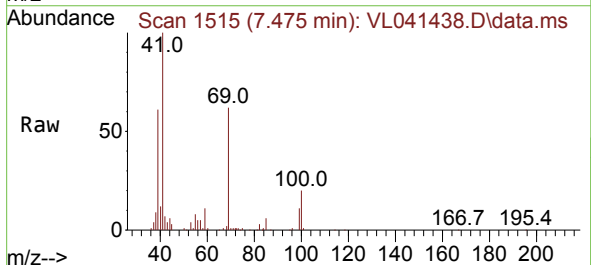
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

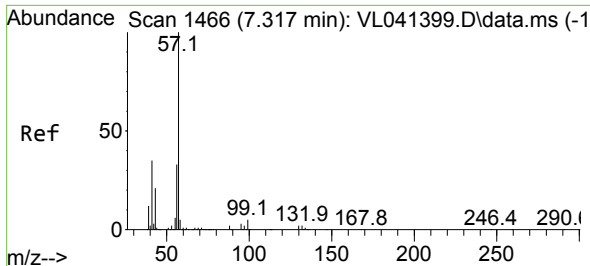
Tgt Ion: 83 Resp: 27900
Ion Ratio Lower Upper
83 100
85 9.2 51.4 77.0#
127 0.0 6.7 10.1#



#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

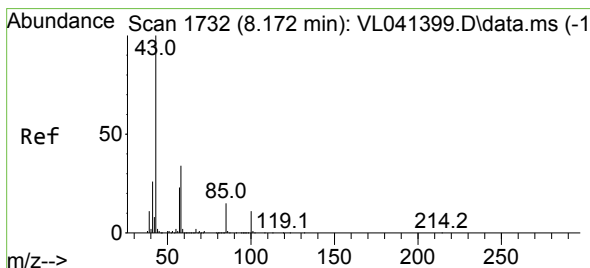
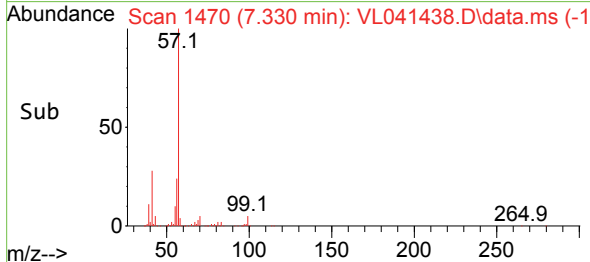
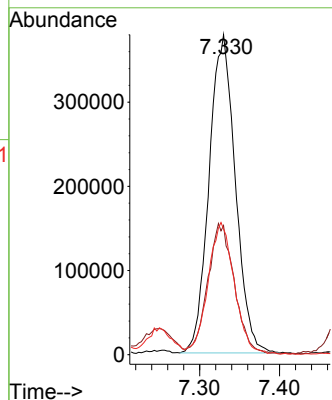
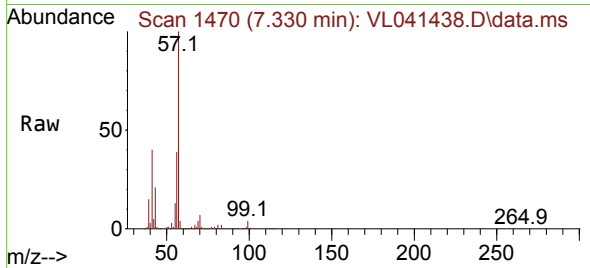




#44
2,2,4-Trimethylpentane
Concen: 2.770 ppbv
RT: 7.330 min Scan# 1466
Delta R.T. 0.013 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

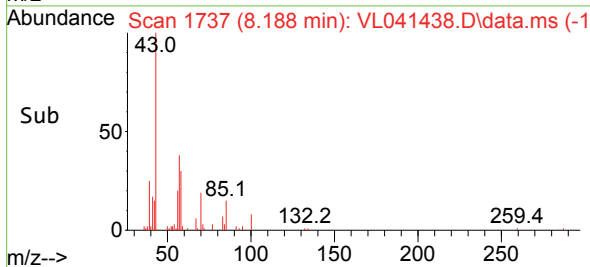
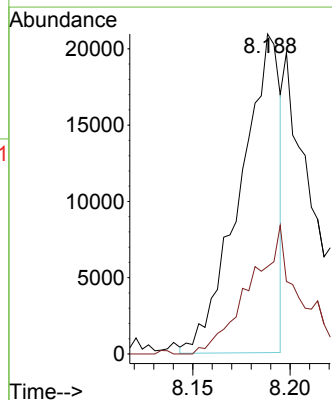
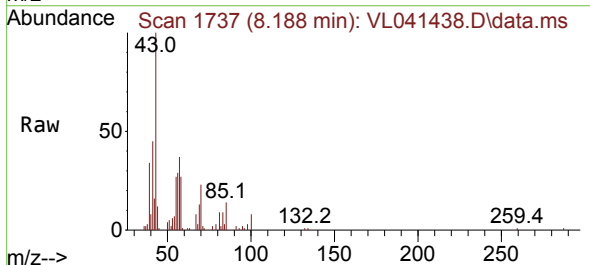
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

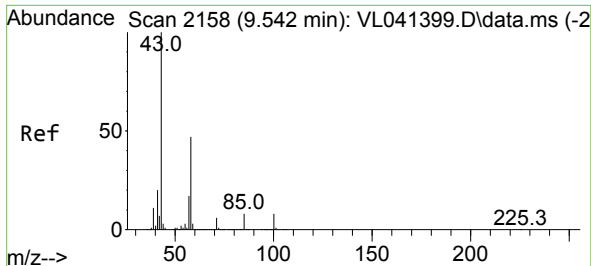
Tgt Ion: 57 Resp: 862531
Ion Ratio Lower Upper
57 100
41 41.4 27.0 40.6#
56 41.7 25.2 37.8#



#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#

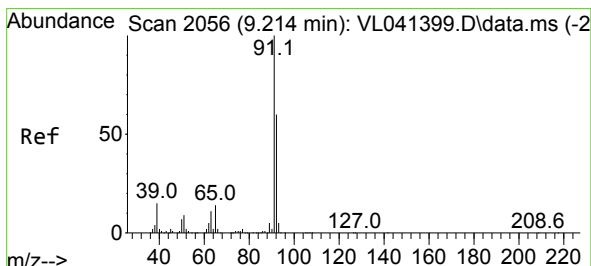
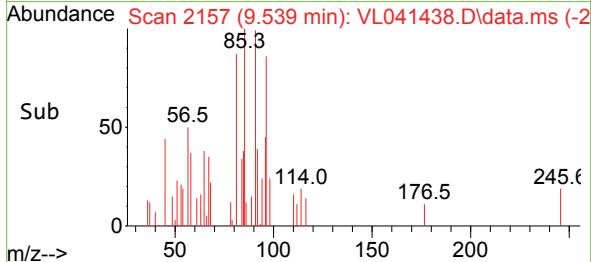
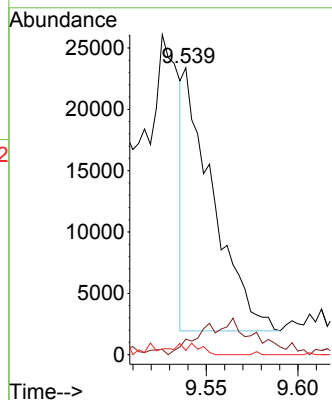
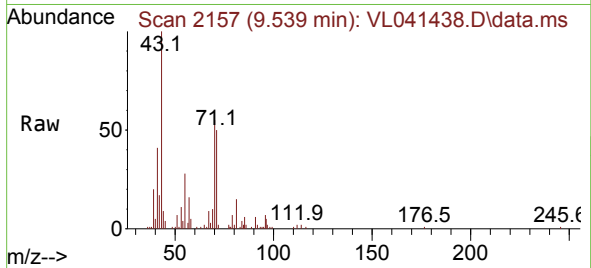




#51
2-Hexanone
Concen: 0.162 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. -0.003 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

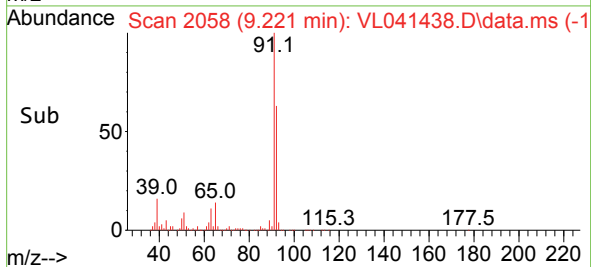
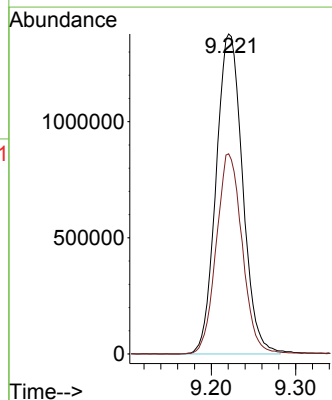
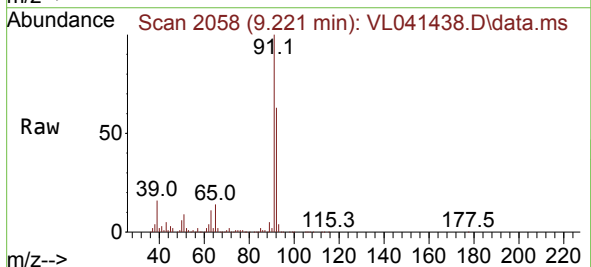
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

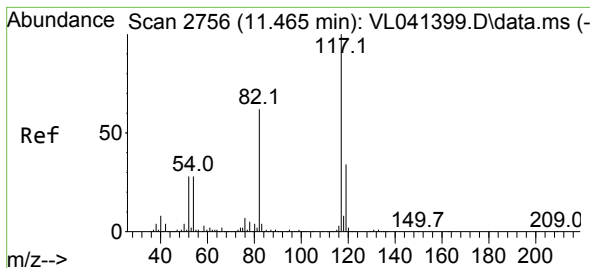
Tgt Ion: 43 Resp: 23861
Ion Ratio Lower Upper
43 100
58 25.1 38.2 57.2#
98 0.0 0.3 0.5#



#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

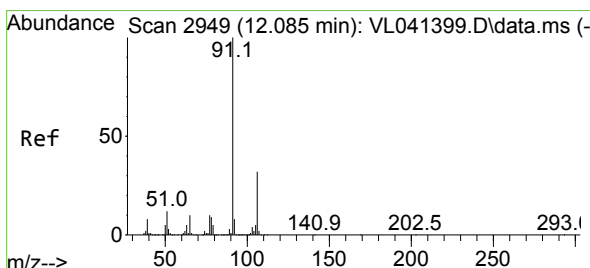
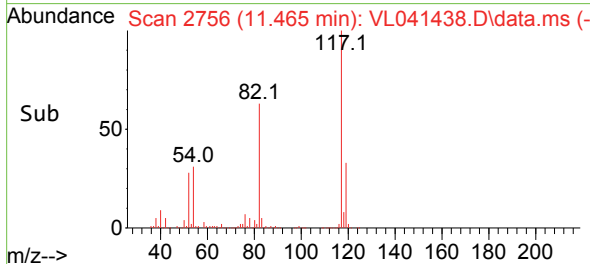
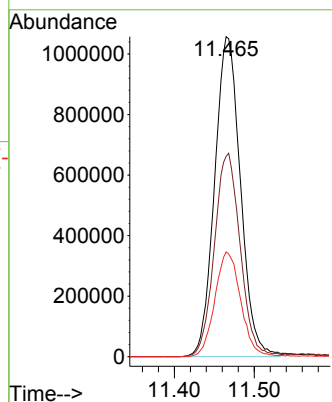
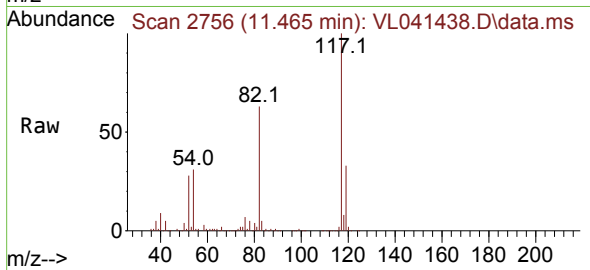




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

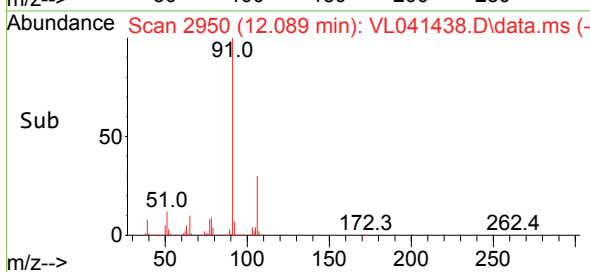
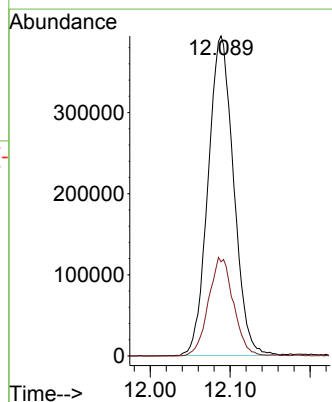
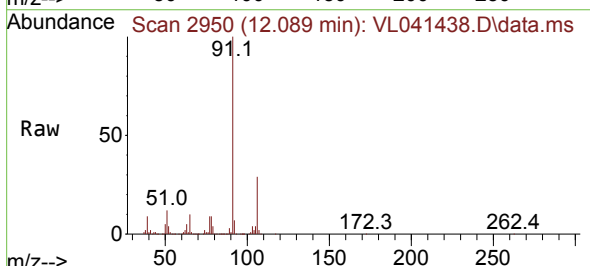
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

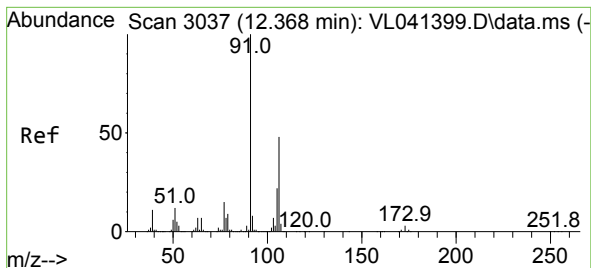
Tgt Ion:117 Resp: 2371817
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.1 45.2 67.8#



#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

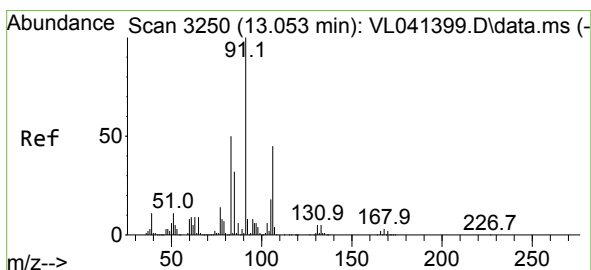
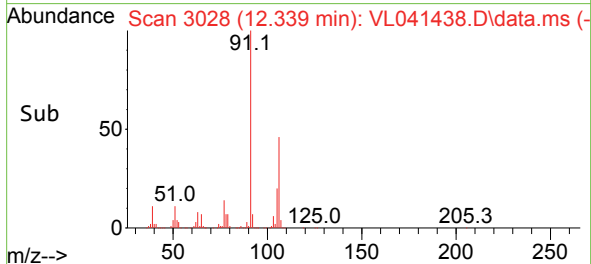
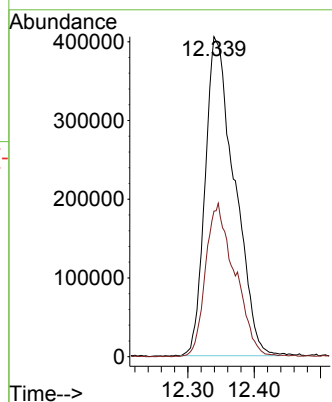
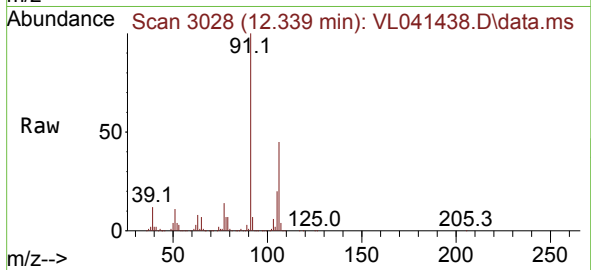




#59
m/p-Xylene
Concen: 5.290 ppbv
RT: 12.339 min Scan# 3037
Delta R.T. -0.029 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

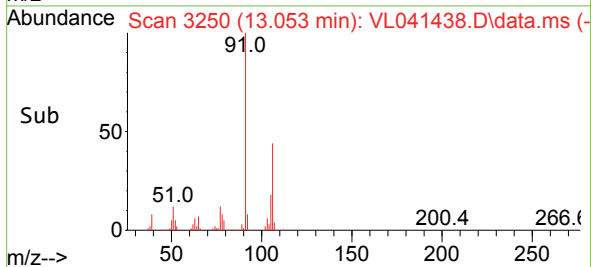
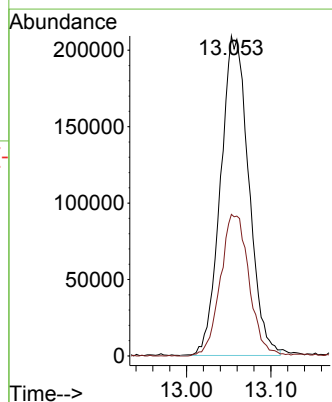
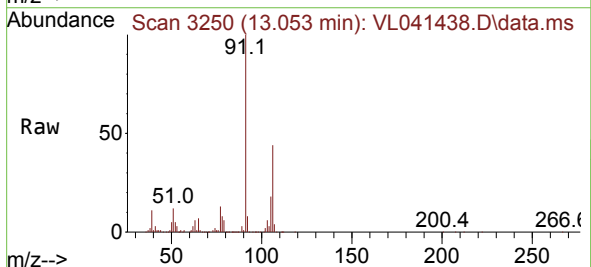
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

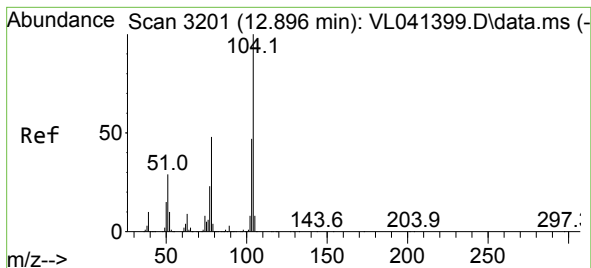
Tgt Ion: 91 Resp: 1248439
Ion Ratio Lower Upper
91 100
106 48.2 36.3 54.5



#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 :

ACVI-IA-02DUP

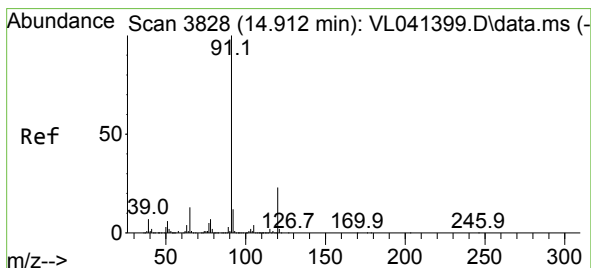
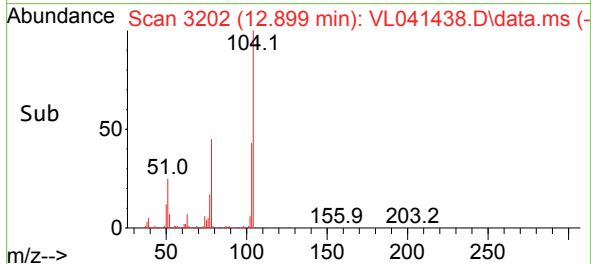
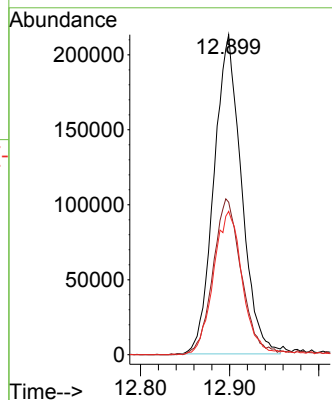
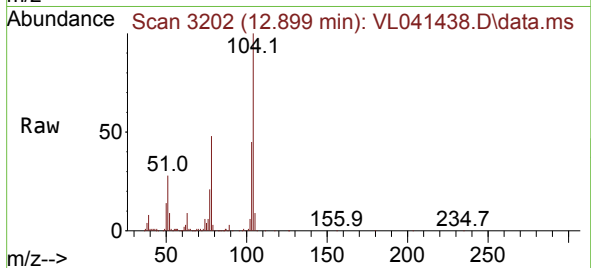
Tgt Ion:104 Resp: 457556

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

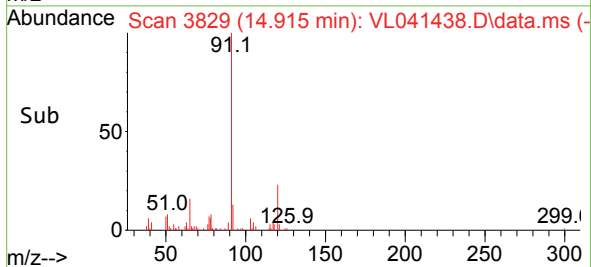
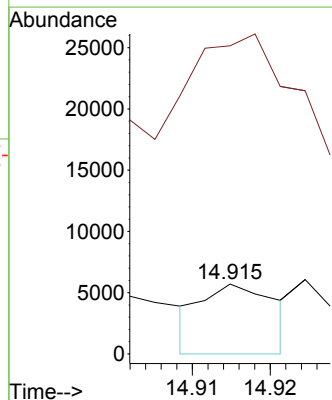
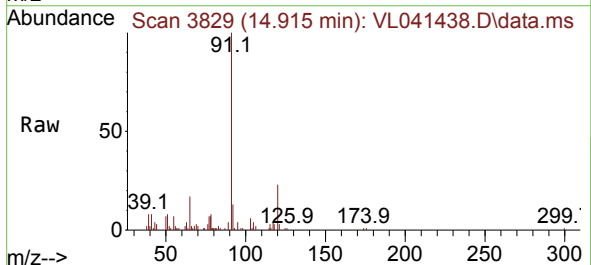
Acq: 29 Jul 2024 21:06

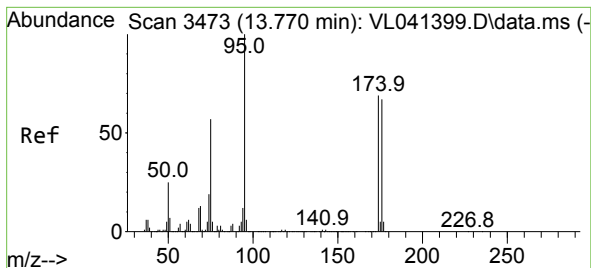
Tgt Ion:120 Resp: 3734

Ion Ratio Lower Upper

120 100

91 1639.5 361.4 542.0#

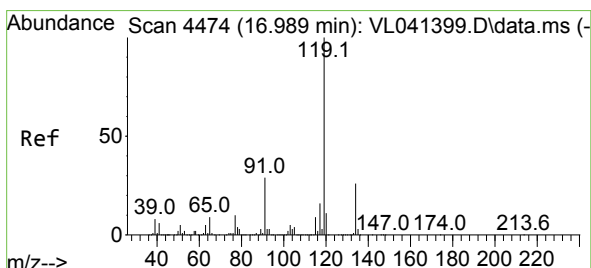
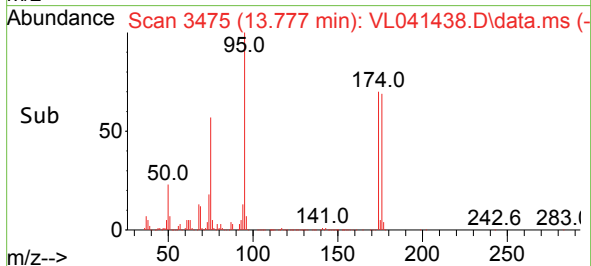
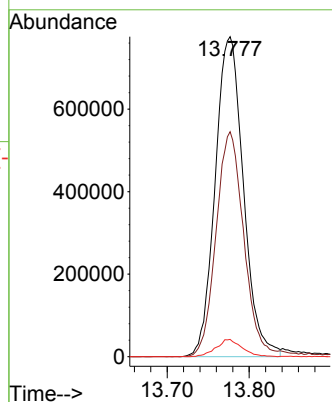
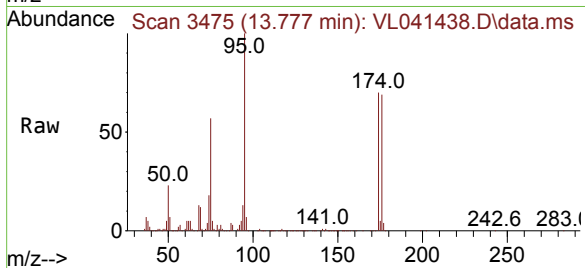




#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

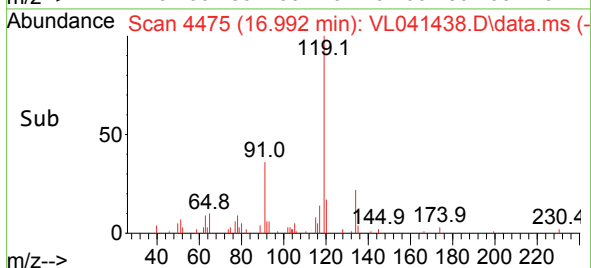
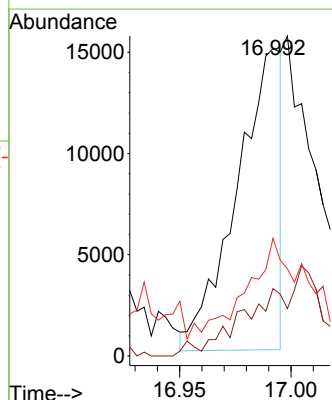
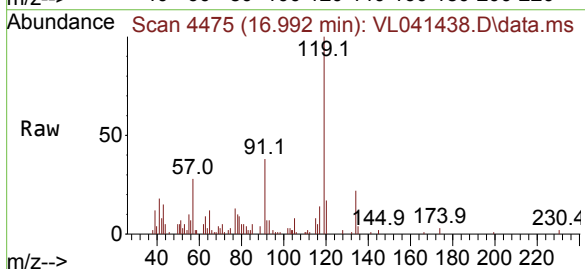
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

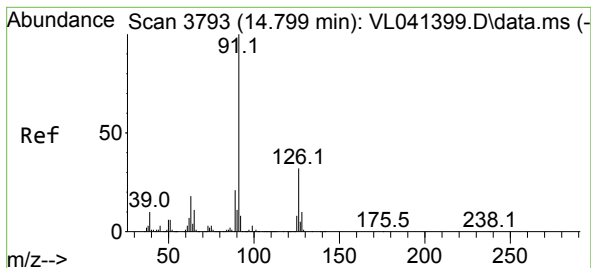
Tgt Ion: 95 Resp: 1858168
Ion Ratio Lower Upper
95 100
174 71.0 56.3 84.5
175 5.0 4.0 6.0



#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#

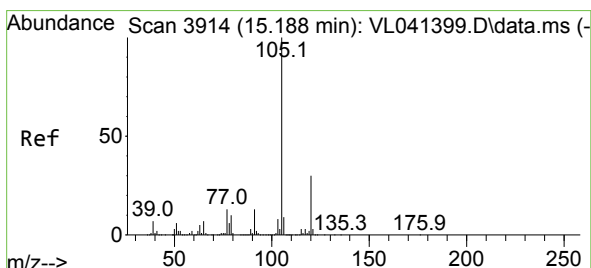
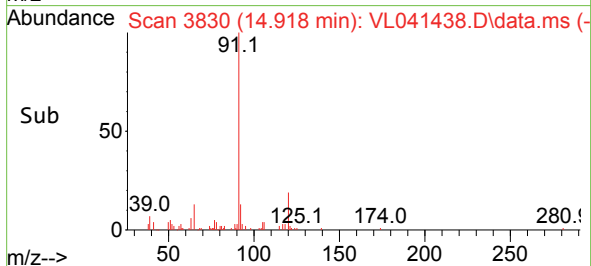
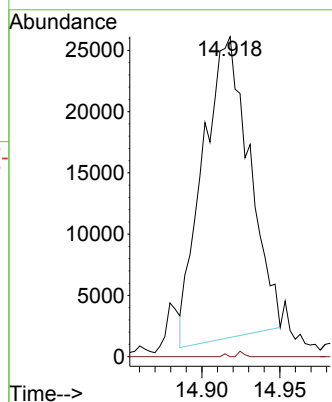
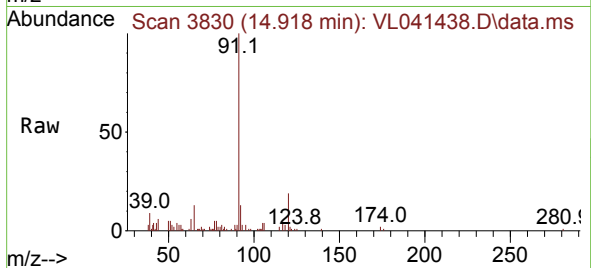




#71
2-Chlorotoluene
Concen: 0.204 ppbv
RT: 14.918 min Scan# 3793
Delta R.T. 0.119 min
Lab File: VL041438.D
Acq: 29 Jul 2024 21:06

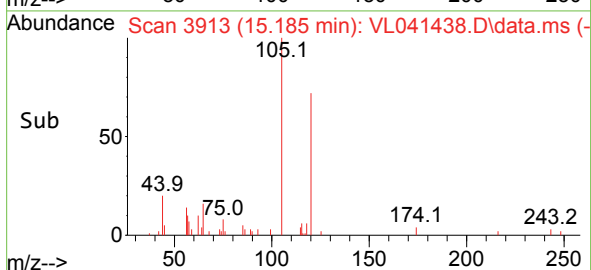
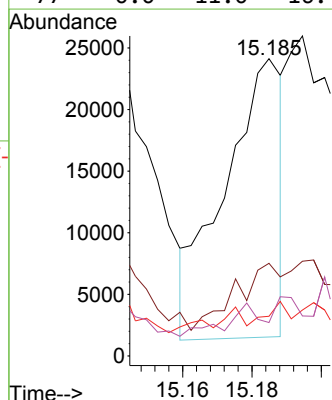
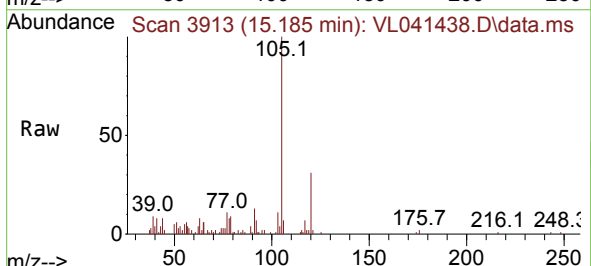
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DUP

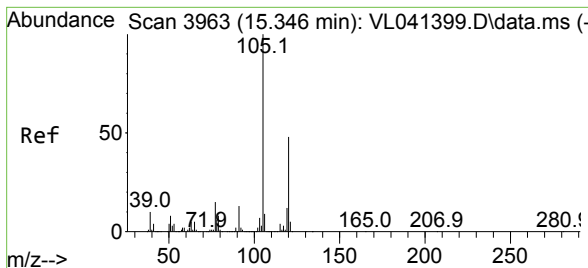
Tgt Ion: 91 Resp: 51080
Ion Ratio Lower Upper
91 100
126 0.3 12.7 50.9#



#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 :

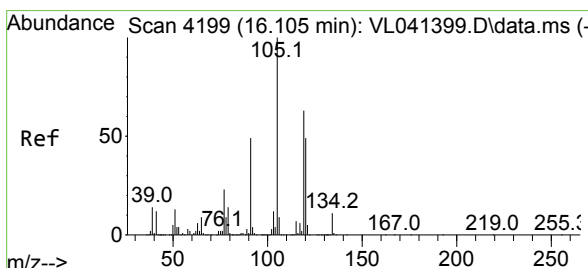
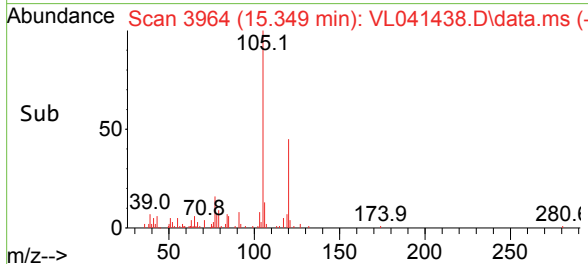
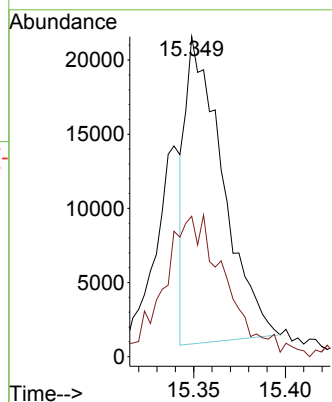
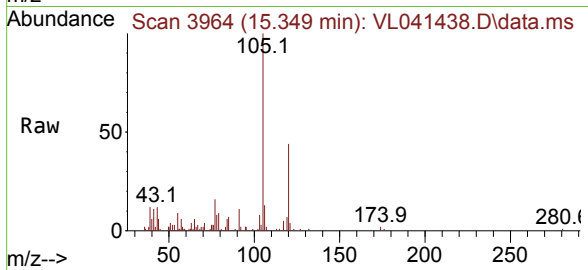
ACVI-IA-02DUP

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#

