

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041449.D
 Acq On : 30 Jul 2024 4:34
 Operator : SY/MD
 Sample : P3342-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 30 06:48:38 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	1033788	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.655	114	2817453	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2586347	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1968173 9.889 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.735	85	44360	0.249	ppbv	98
3) Chlorodifluoromethane	2.684	51	50871	0.413	ppbv #	88
4) Chloromethane	2.822	50	41719	0.637	ppbv #	87
9) Propene	2.880	41	1652803	29.235	ppbv	96
10) Heptane	7.577	43	404504	3.184	ppbv	96
11) Trichlorofluoromethane	3.571	101	33498	0.212	ppbv	89
12) 1,1,2-Trichlorotrifluo...	4.073	101	7755	0.068	ppbv	93
13) Ethanol	3.243	45	1037156	205.258	ppbv	97
15) Acetone	3.497	43	4046675	34.452	ppbv #	65
16) 1,3-Butadiene	2.970	39	21103	0.336	ppbv #	10
17) tert-Butyl alcohol	3.893	59	32442	0.303	ppbv #	72
19) Isopropyl Alcohol	3.584	45	719382	10.476	ppbv	100
20) Methylene Chloride	3.938	84	275973	6.301	ppbv	98
21) Allyl Chloride	3.957	41	112647	1.462	ppbv #	47
23) Vinyl Acetate	4.613	43	404281	4.507	ppbv #	1
25) Ethyl Acetate	5.217	43	1211179	5.190	ppbv #	88
26) Hexane	5.214	57	1403553	14.499	ppbv #	43
27) Carbon Disulfide	4.127	76	6727	0.059	ppbv #	65
29) Chloroform	5.275	83	8970	0.057	ppbv	99
30) Cyclohexane	6.603	84	80933	1.027	ppbv	92
31) cis-1,2-Dichloroethene	5.205	61	35527	0.372	ppbv #	27
34) 2-Butanone	4.793	43	160813	1.180	ppbv	96
35) Carbon Tetrachloride	6.497	117	5324	0.034	ppbv #	93
36) Benzene	6.372	78	592841	2.880	ppbv	98
39) 1,2-Dichloropropane	6.655	63	697750	8.853	ppbv #	25
41) Tetrahydrofuran	5.568	42	7224	0.093	ppbv #	24
42) Bromodichloromethane	7.246	83	13541	0.081	ppbv #	28
43) Methyl Methacrylate	7.475	69	13397	0.181	ppbv #	1
44) 2,2,4-Trimethylpentane	7.330	57	1007431	2.930	ppbv #	86
50) 4-Methyl-2-Pentanone	8.195	43	16047	0.075	ppbv #	45
51) 2-Hexanone	9.529	43	61431	0.378	ppbv #	44
52) Tetrachloroethene	10.609	164	6696	0.084	ppbv #	69
53) Toluene	9.224	91	3975844	17.338	ppbv	99
58) Ethyl Benzene	12.085	91	867395	2.910	ppbv	94
59) m/p-Xylene	12.339	91	1330756	5.171	ppbv	96
60) o-Xylene	13.060	91	494903	2.033	ppbv	99
61) Styrene	12.896	104	402060	3.661	ppbv	98
62) Isopropylbenzene	14.027	105	45355	0.123	ppbv	95
64) n-propylbenzene	14.921	120	4349	0.045	ppbv #	1
71) 2-Chlorotoluene	14.915	91	62699	0.230	ppbv #	43
72) 4-Ethyltoluene	15.191	105	33034	0.115	ppbv #	70
73) 1,3,5-Trimethylbenzene	15.358	105	27816	0.113	ppbv #	85
74) 1,2,4-Trimethylbenzene	16.111	105	50413	0.176	ppbv #	74

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041449.D
Acq On : 30 Jul 2024 4:34
Operator : SY/MD
Sample : P3342-09DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

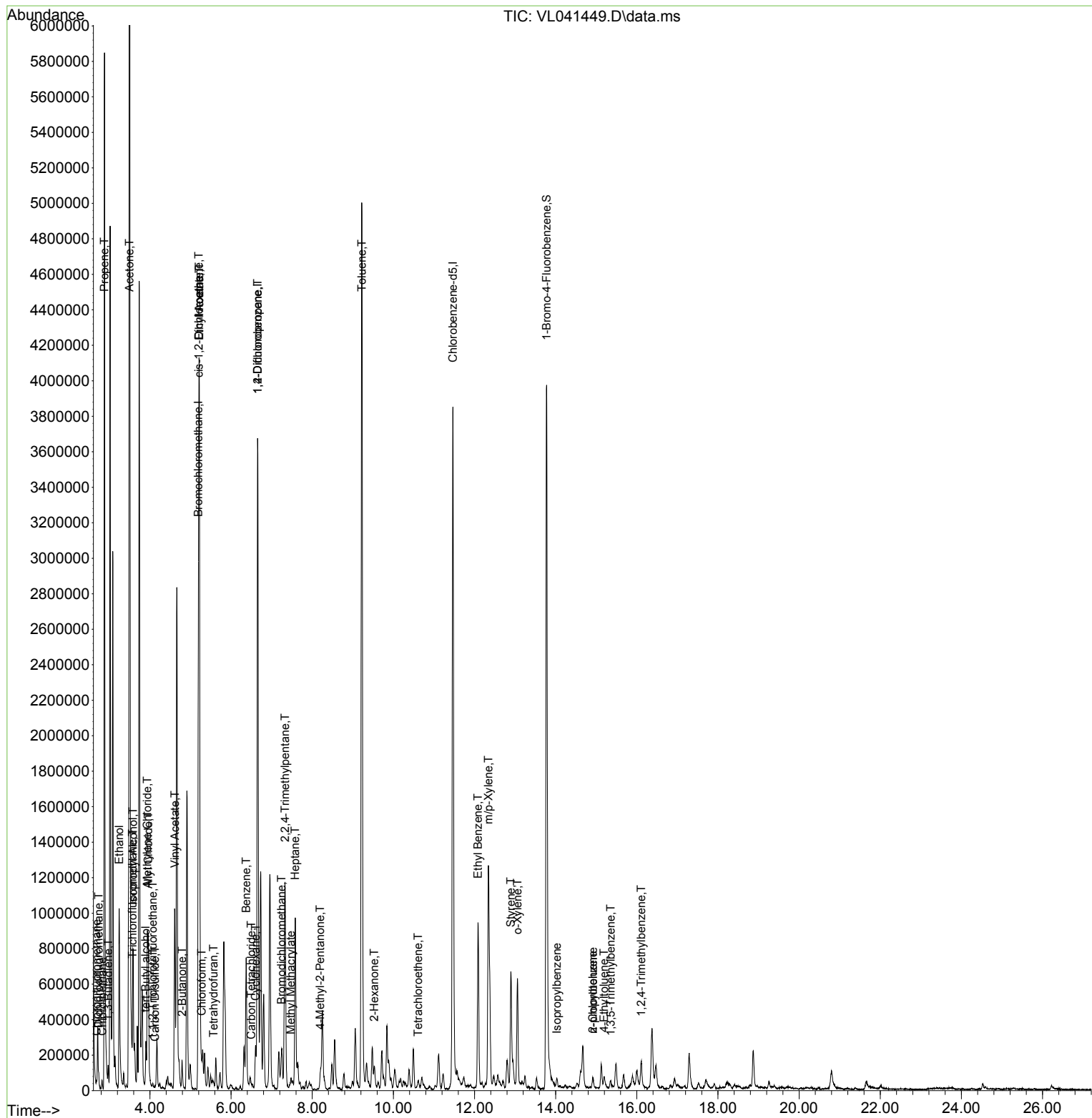
Quant Time: Jul 30 06:48:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

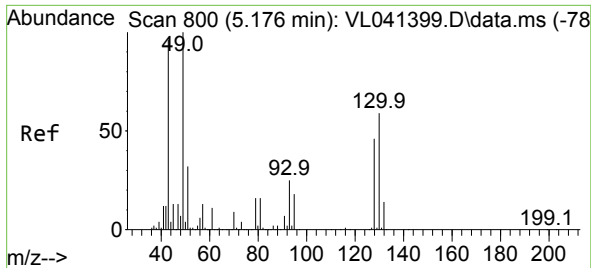
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_L
ClientSampleId :

Instrument :
MSVOA_L
ClientSampleId :

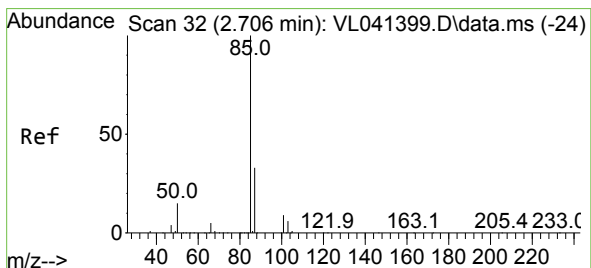
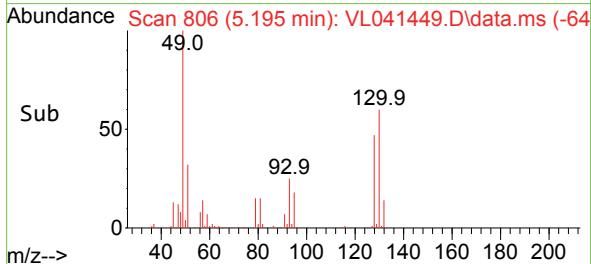
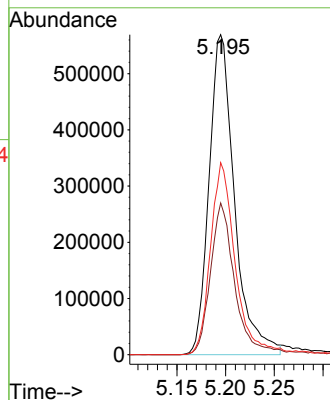
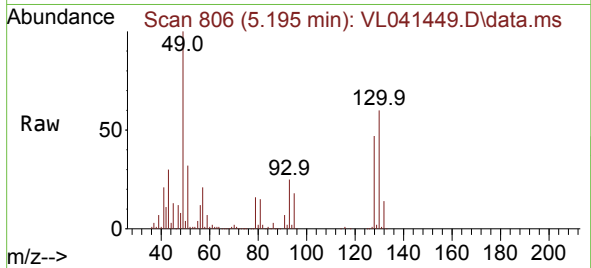




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

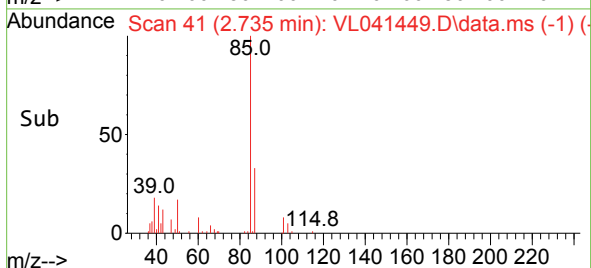
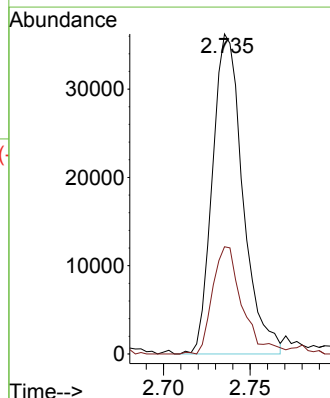
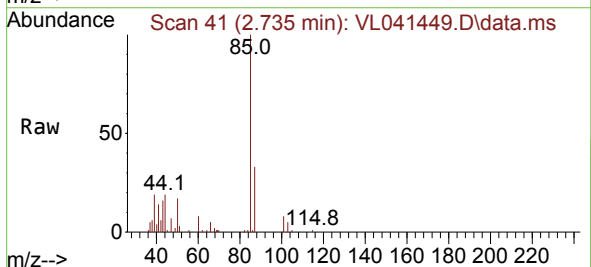
Instrument :
MSVOA_L
ClientSampleId :

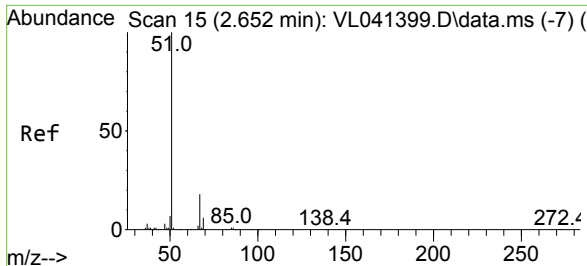
Tgt Ion: 49 Resp: 1033788
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.4
130 60.6 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 0.249 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

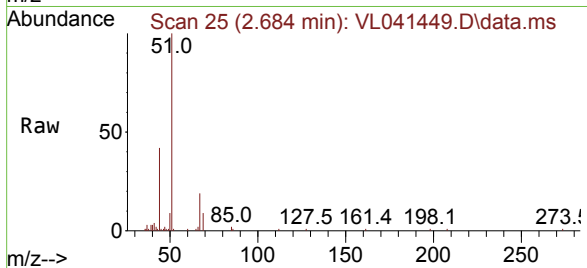
Tgt Ion: 85 Resp: 44360
Ion Ratio Lower Upper
85 100
87 33.5 26.0 39.0



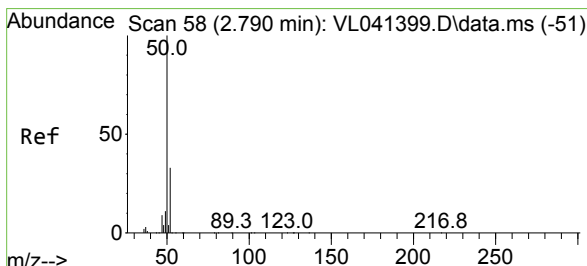
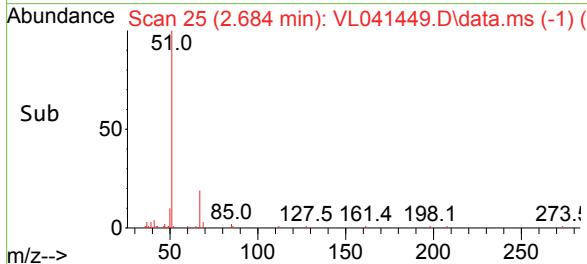
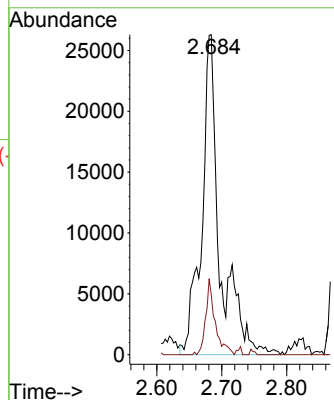


#3
Chlorodifluoromethane
Concen: 0.413 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Instrument :
MSVOA_L
ClientSampleId :

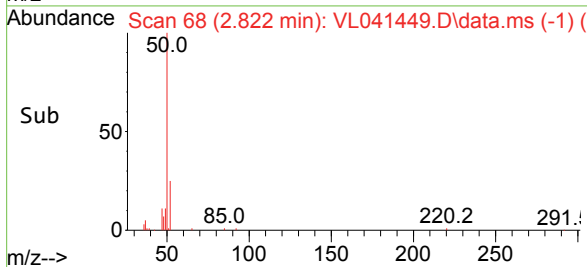
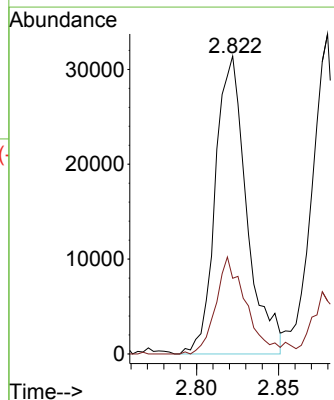
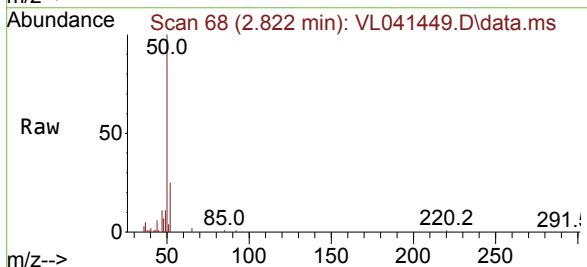


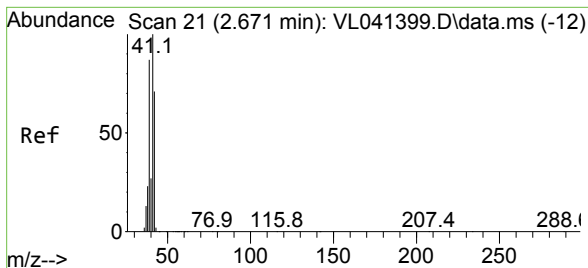
Tgt Ion: 51 Resp: 50871
Ion Ratio Lower Upper
51 100
67 12.9 14.5 21.7#



#4
Chloromethane
Concen: 0.637 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.029 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 50 Resp: 41719
Ion Ratio Lower Upper
50 100
52 25.4 26.1 39.1#





#9

Propene

Concen: 29.235 ppbv

RT: 2.880 min Scan# 80

Delta R.T. 0.209 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

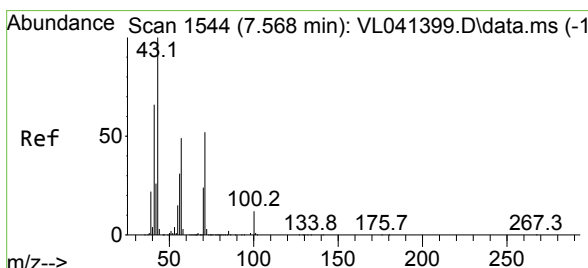
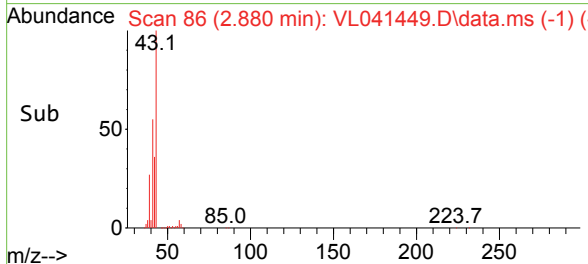
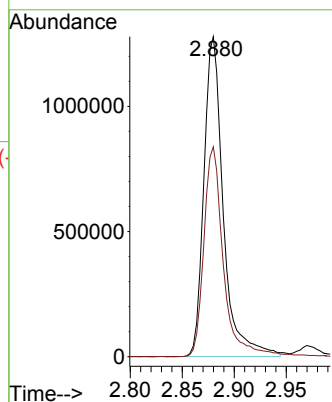
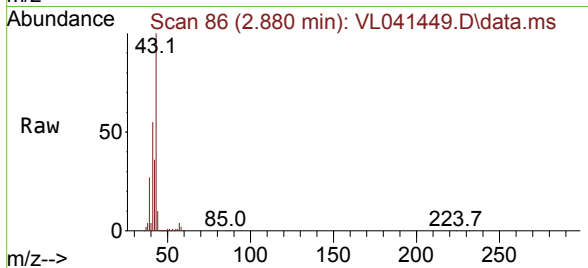
ClientSampleId :

Tgt Ion: 41 Resp: 1652803

Ion Ratio Lower Upper

41 100

42 66.6 55.9 83.9



#10

Heptane

Concen: 3.184 ppbv

RT: 7.577 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VL041449.D

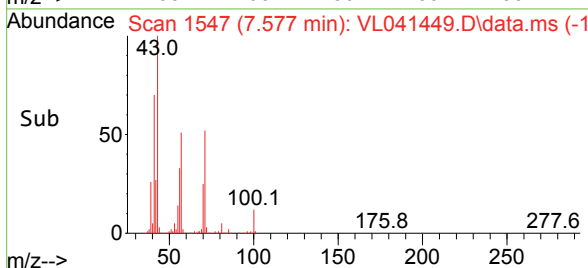
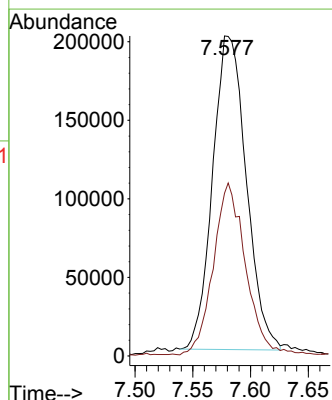
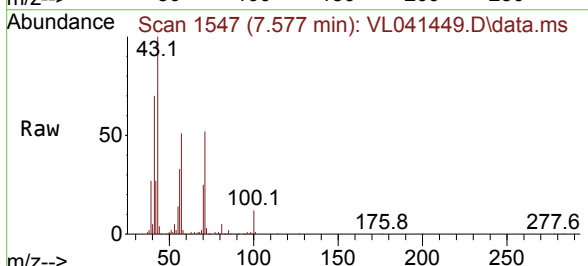
Acq: 30 Jul 2024 4:34

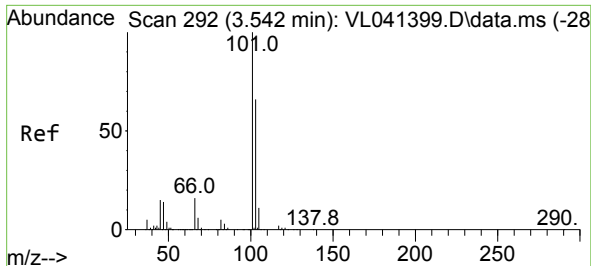
Tgt Ion: 43 Resp: 404504

Ion Ratio Lower Upper

43 100

57 53.5 40.5 60.7

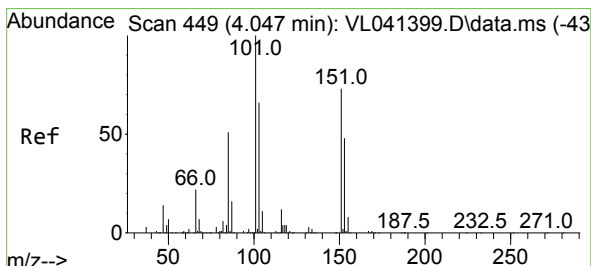
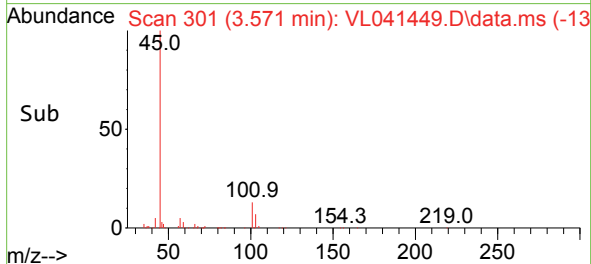
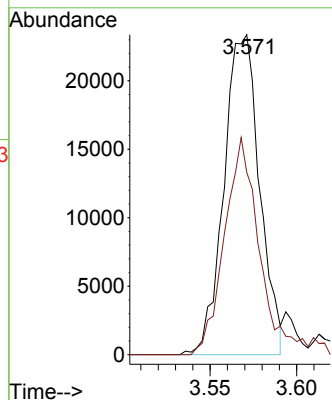
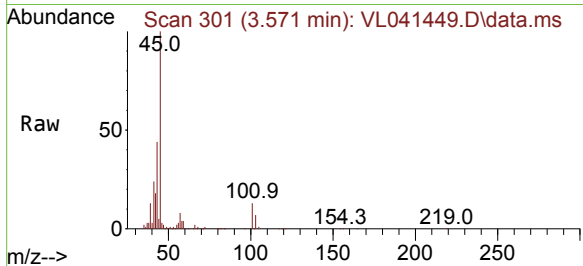




#11
 Trichlorofluoromethane
 Concen: 0.212 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.026 min
 Lab File: VL041449.D
 Acq: 30 Jul 2024 4:34

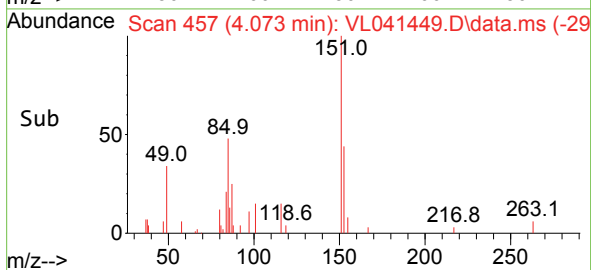
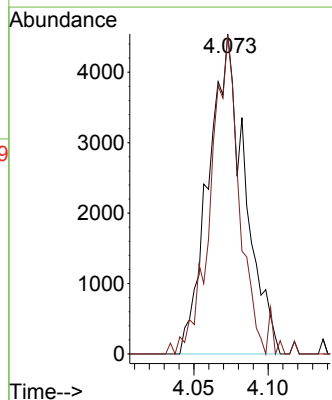
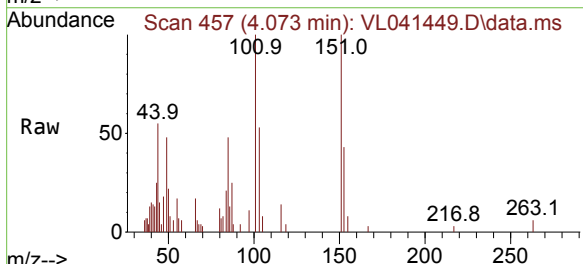
Instrument :
 MSVOA_L
 ClientSampleId :

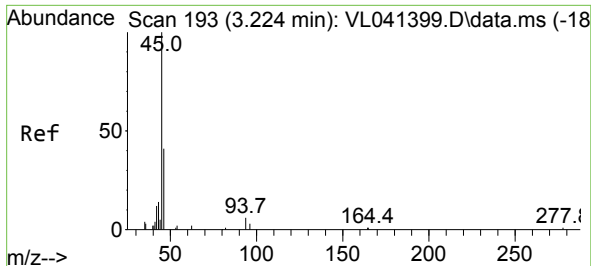
Tgt Ion:101 Resp: 33498
 Ion Ratio Lower Upper
 101 100
 103 56.9 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.068 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.022 min
 Lab File: VL041449.D
 Acq: 30 Jul 2024 4:34

Tgt Ion:101 Resp: 7755
 Ion Ratio Lower Upper
 101 100
 151 79.9 59.4 89.2

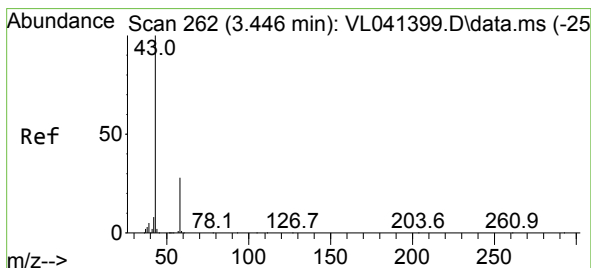
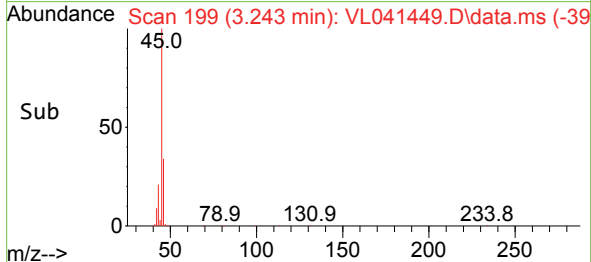
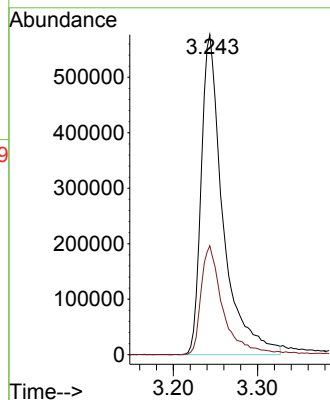
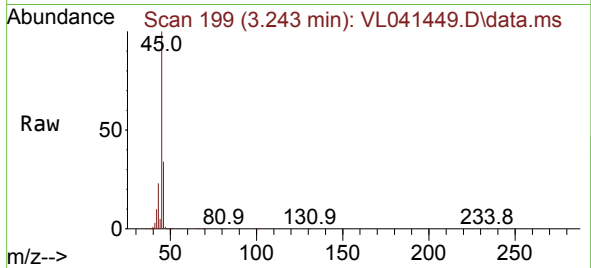




#13
Ethanol
Concen: 205.258 ppbv
RT: 3.243 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

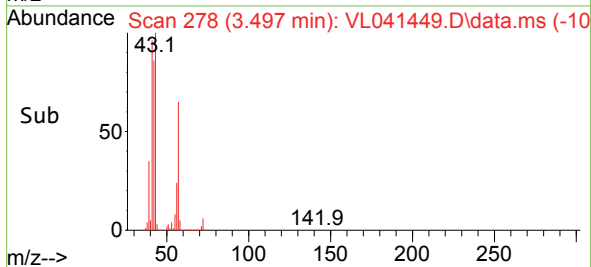
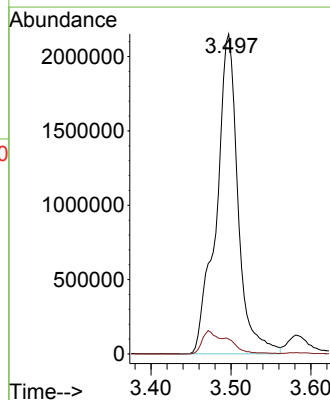
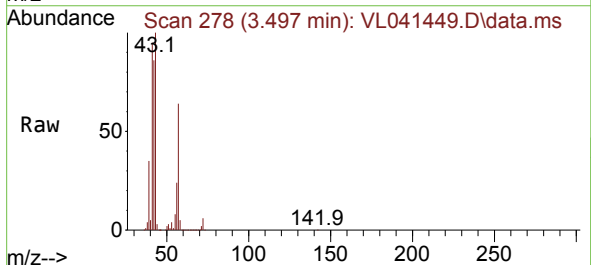
Instrument :
MSVOA_L
ClientSampleId :

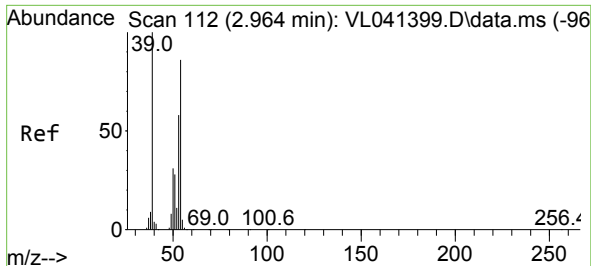
Tgt Ion: 45 Resp: 1037156
Ion Ratio Lower Upper
45 100
46 35.3 13.4 53.4



#15
Acetone
Concen: 34.452 ppbv
RT: 3.497 min Scan# 278
Delta R.T. 0.045 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 43 Resp: 4046675
Ion Ratio Lower Upper
43 100
58 8.7 21.4 32.2#

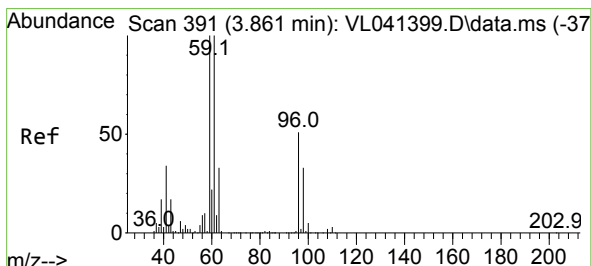
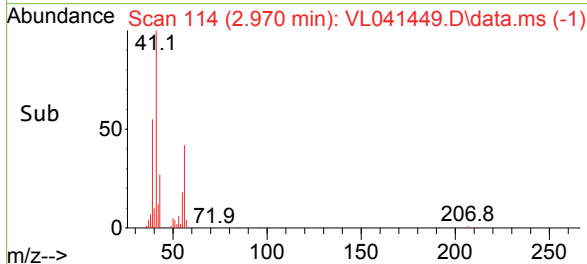
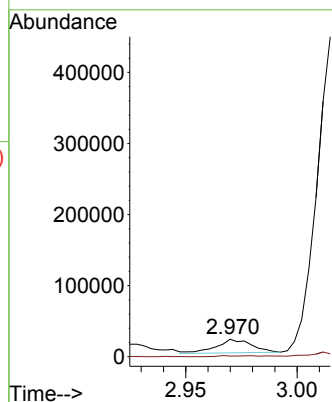
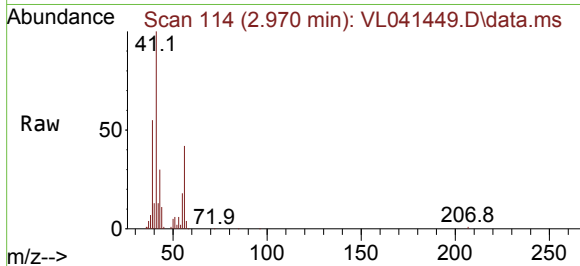




#16
1,3-Butadiene
Concen: 0.336 ppbv
RT: 2.970 min Scan# 112
Delta R.T. 0.003 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

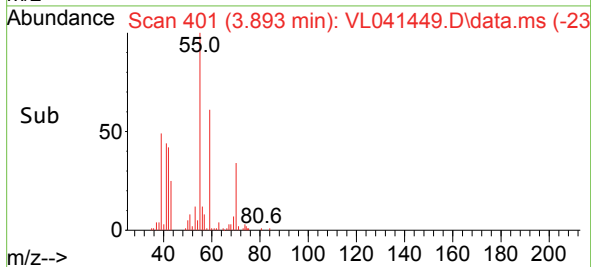
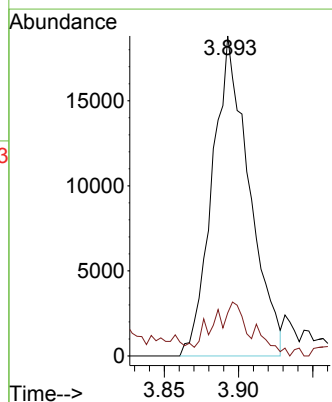
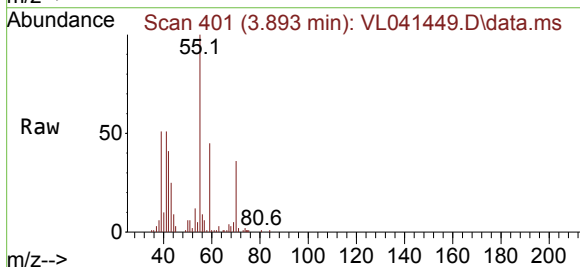
Instrument :
MSVOA_L
ClientSampleId :

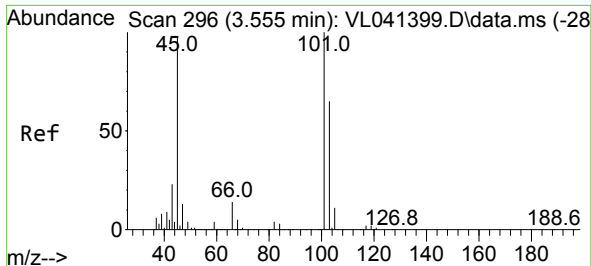
Tgt Ion: 39 Resp: 21103
Ion Ratio Lower Upper
39 100
54 0.0 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.303 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.032 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

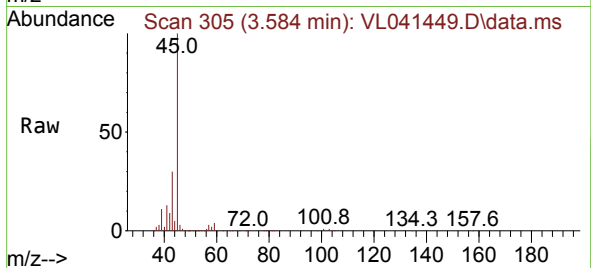
Tgt Ion: 59 Resp: 32442
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



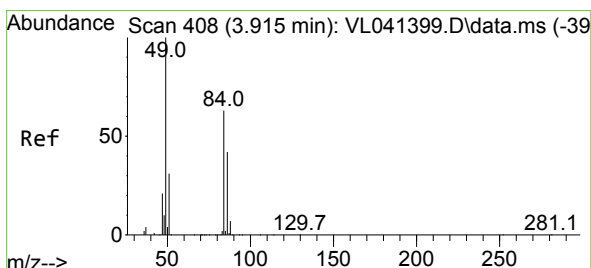
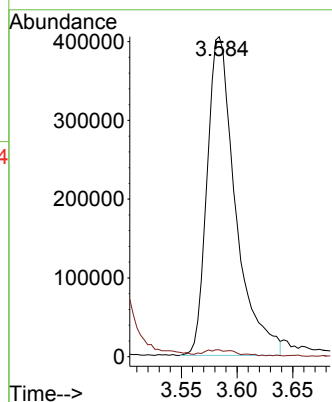
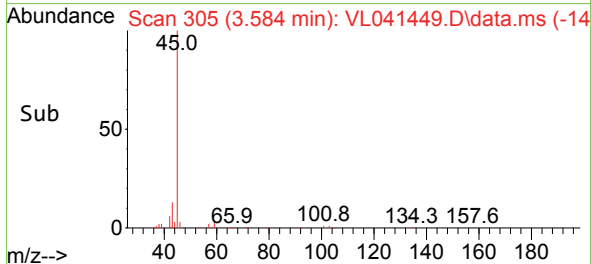


#19
Isopropyl Alcohol
Concen: 10.476 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.022 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

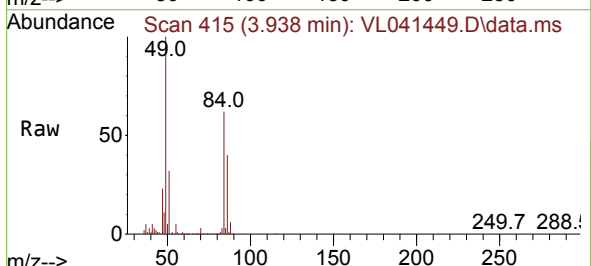
Instrument :
MSVOA_L
ClientSampleId :



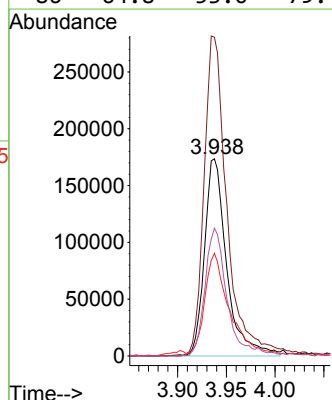
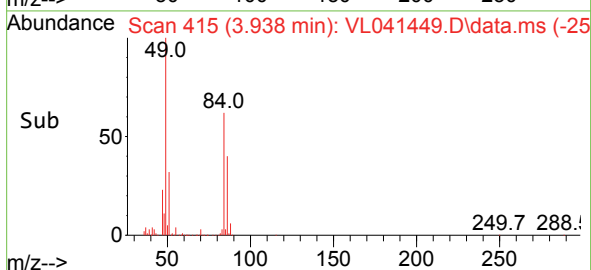
Tgt Ion: 45 Resp: 719382
Ion Ratio Lower Upper
45 100
58 2.5 1.9 2.9

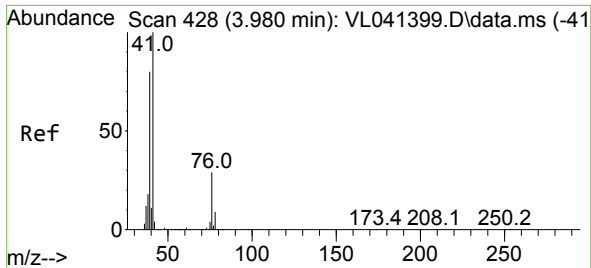


#20
Methylene Chloride
Concen: 6.301 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.019 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34



Tgt Ion: 84 Resp: 275973
Ion Ratio Lower Upper
84 100
49 161.0 126.6 190.0
51 51.1 38.6 58.0
86 64.8 53.0 79.4

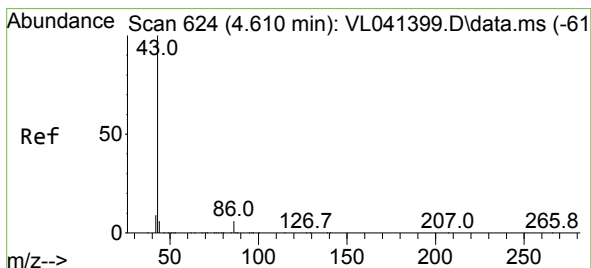
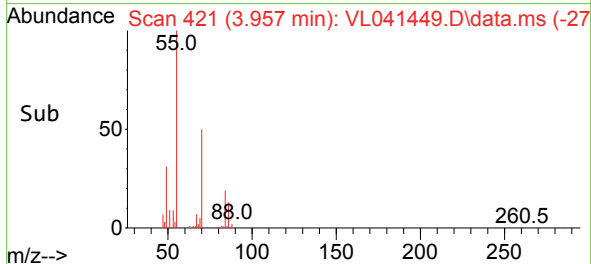
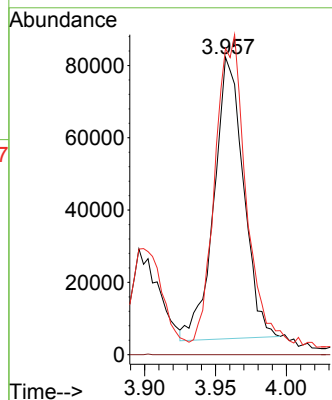
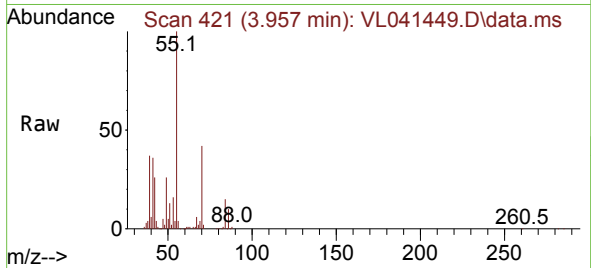




#21
Allyl Chloride
Concen: 1.462 ppbv
RT: 3.957 min Scan# 41
Delta R.T. -0.023 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

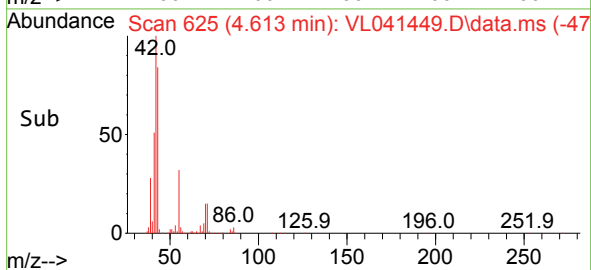
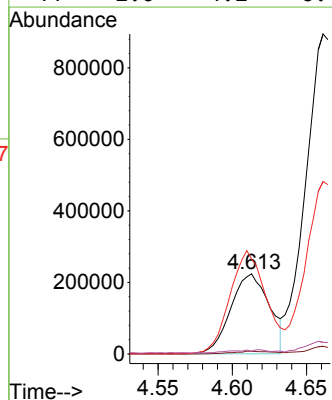
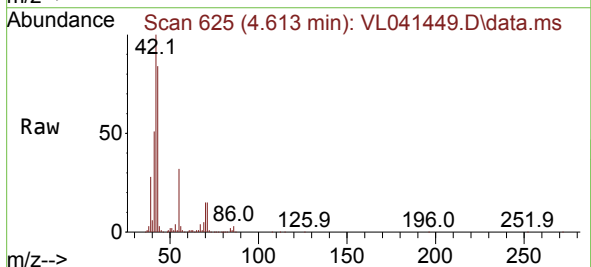
Instrument :
MSVOA_L
ClientSampleId :

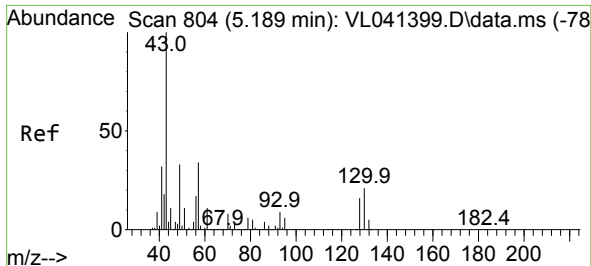
Tgt Ion: 41 Resp: 112647
Ion Ratio Lower Upper
41 100
76 0.0 23.7 35.5#
39 126.2 64.3 96.5#



#23
Vinyl Acetate
Concen: 4.507 ppbv
RT: 4.613 min Scan# 625
Delta R.T. -0.000 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 43 Resp: 404281
Ion Ratio Lower Upper
43 100
86 3.4 4.6 6.8#
42 118.5 7.9 11.9#
44 2.0 4.2 6.4#





#25

Ethyl Acetate

Concen: 5.190 ppbv

RT: 5.217 min Scan# 811

Delta R.T. 0.026 min

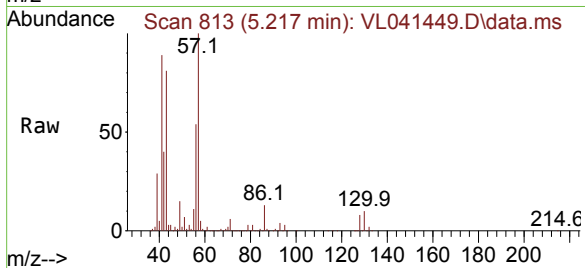
Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 1211179

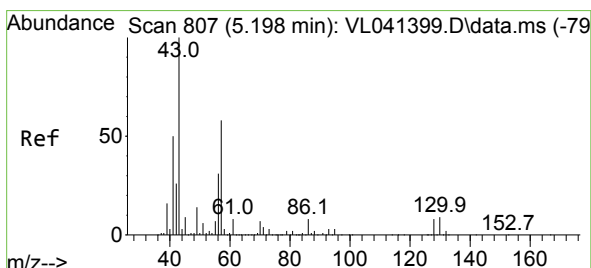
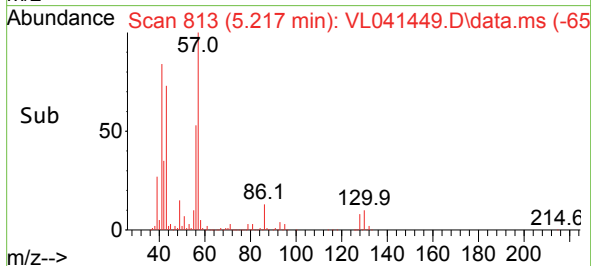
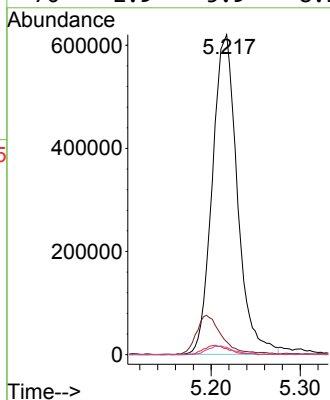
Ion Ratio Lower Upper

43 100

45 12.9 8.5 12.7#

61 3.2 8.0 12.0#

70 2.9 5.9 8.9#



#26

Hexane

Concen: 14.499 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.016 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Tgt Ion: 57 Resp: 1403553

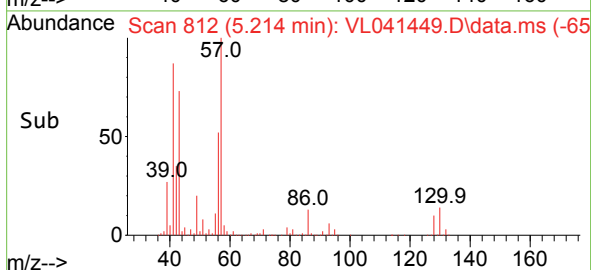
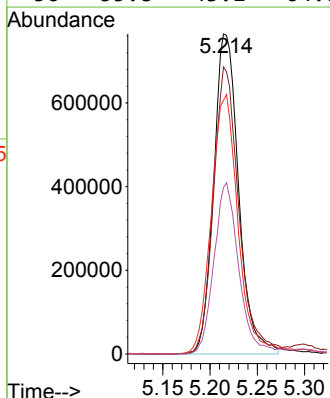
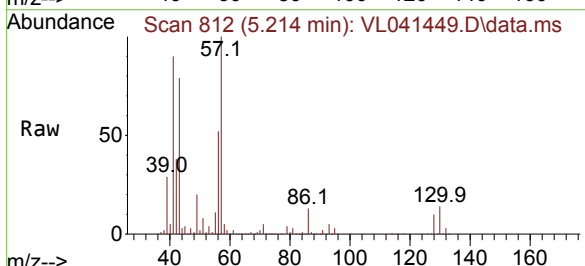
Ion Ratio Lower Upper

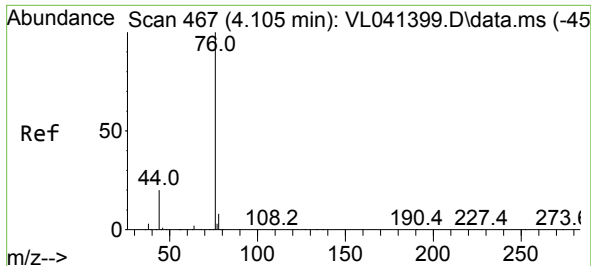
57 100

41 92.0 74.0 111.0

43 88.0 193.6 290.4#

56 55.8 43.1 64.7

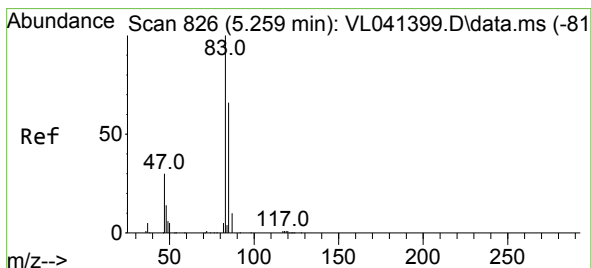
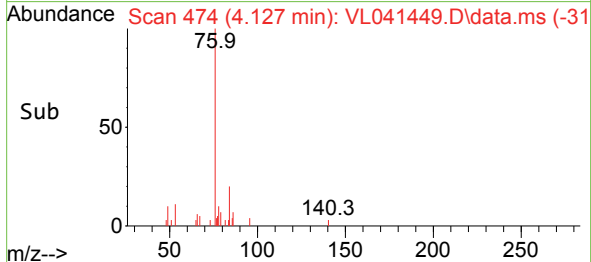
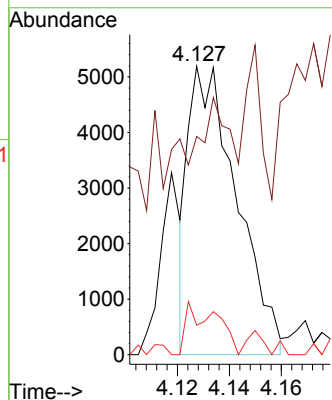
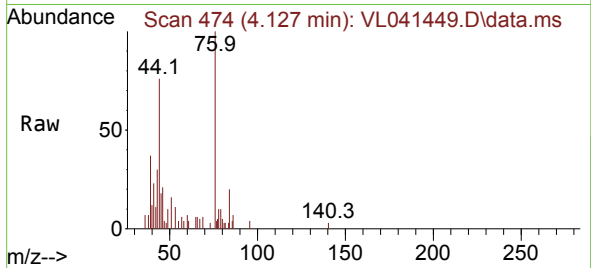




#27
Carbon Disulfide
Concen: 0.059 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

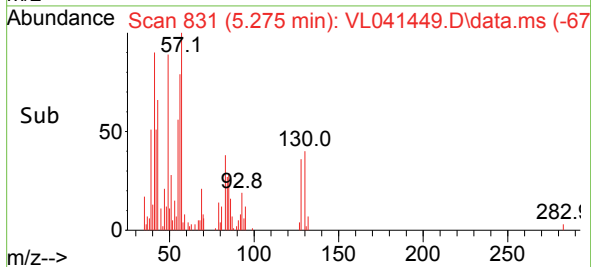
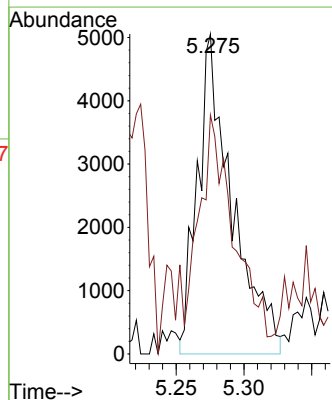
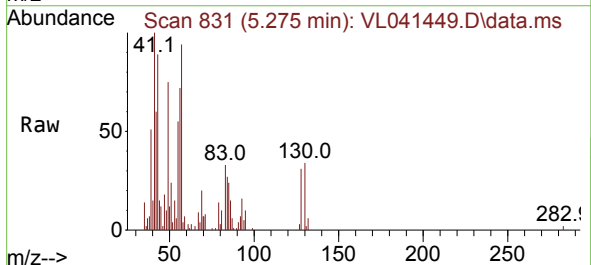
Instrument :
MSVOA_L
ClientSampleId :

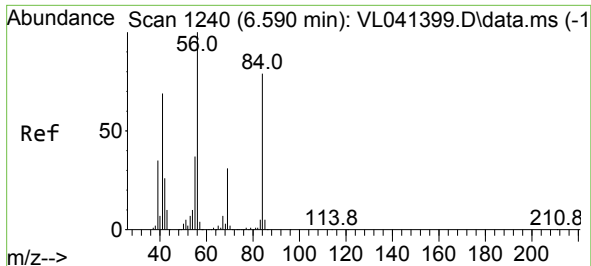
Tgt Ion: 76 Resp: 6727
Ion Ratio Lower Upper
76 100
44 0.0 15.6 23.4#
78 16.2 7.7 11.5#



#29
Chloroform
Concen: 0.057 ppbv
RT: 5.275 min Scan# 831
Delta R.T. 0.013 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 83 Resp: 8970
Ion Ratio Lower Upper
83 100
85 65.6 53.1 79.7

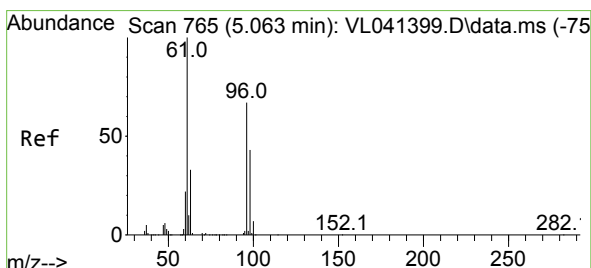
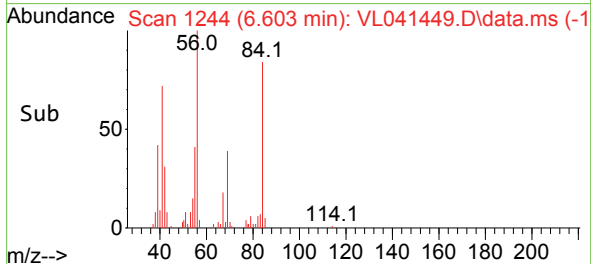
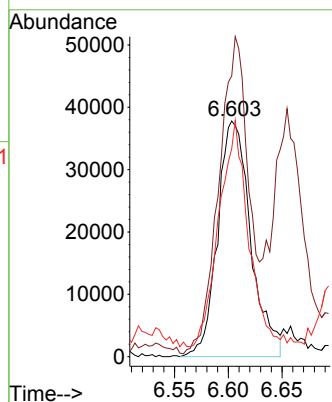
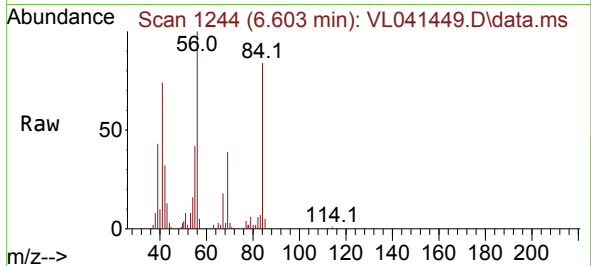




#30
Cyclohexane
Concen: 1.027 ppbv
RT: 6.603 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

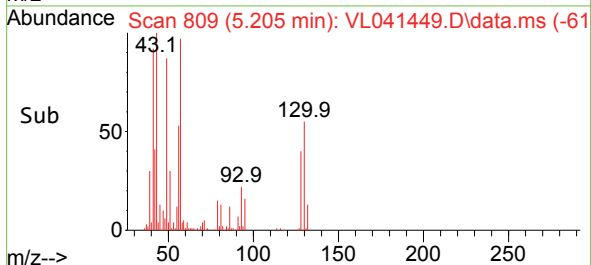
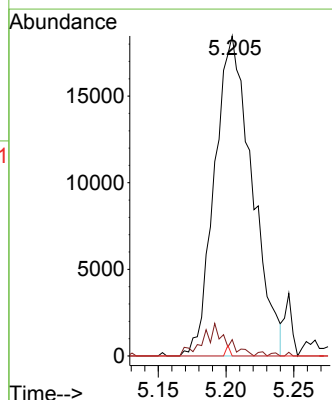
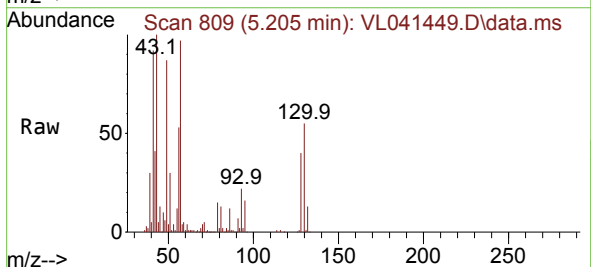
Instrument :
MSVOA_L
ClientSampleId :

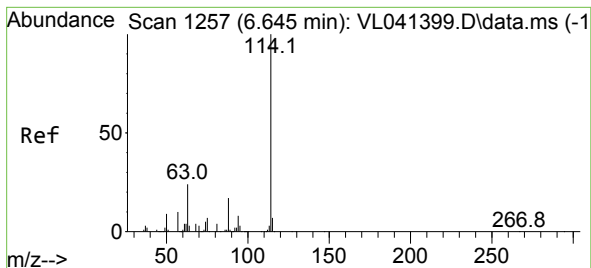
Tgt Ion: 84 Resp: 80933
Ion Ratio Lower Upper
84 100
56 125.4 111.2 166.8
41 86.3 70.3 105.5



#31
cis-1,2-Dichloroethene
Concen: 0.372 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.138 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 61 Resp: 35527
Ion Ratio Lower Upper
61 100
96 5.1 53.4 80.2#
98 0.0 34.4 51.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

ClientSampleId :

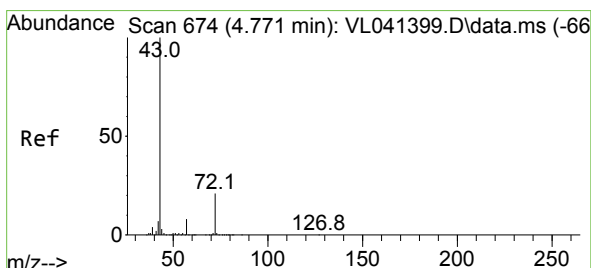
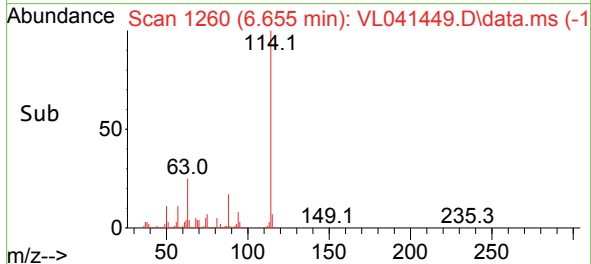
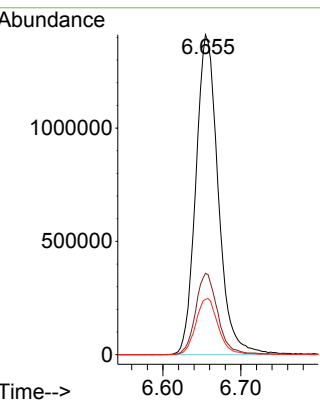
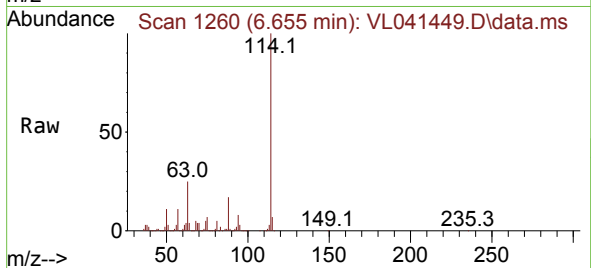
Tgt Ion:114 Resp: 2817453

Ion Ratio Lower Upper

114 100

63 25.4 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 1.180 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.019 min

Lab File: VL041449.D

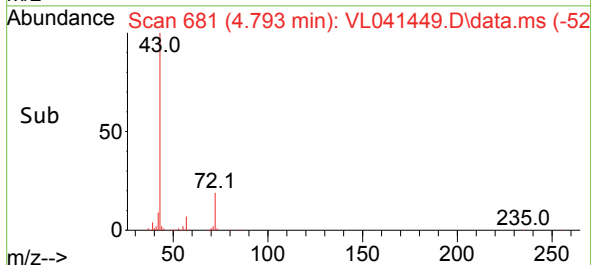
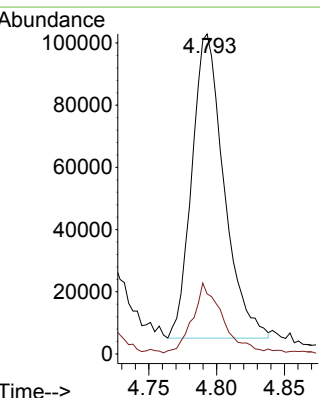
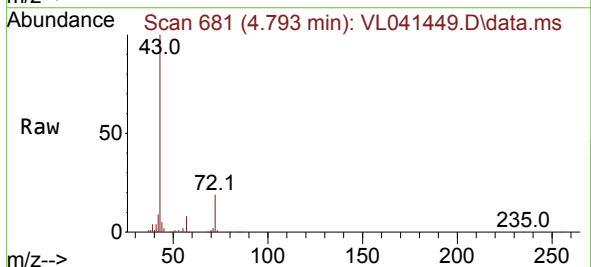
Acq: 30 Jul 2024 4:34

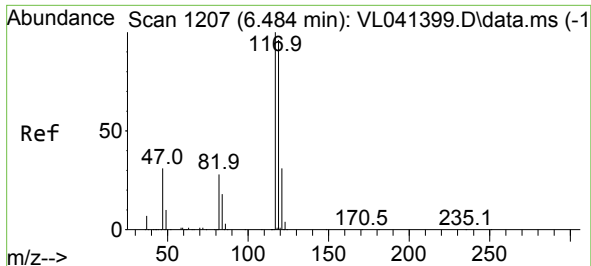
Tgt Ion: 43 Resp: 160813

Ion Ratio Lower Upper

43 100

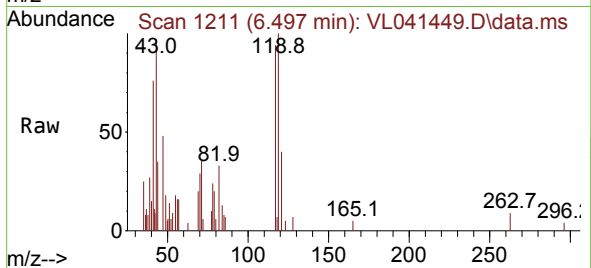
72 23.7 17.3 25.9



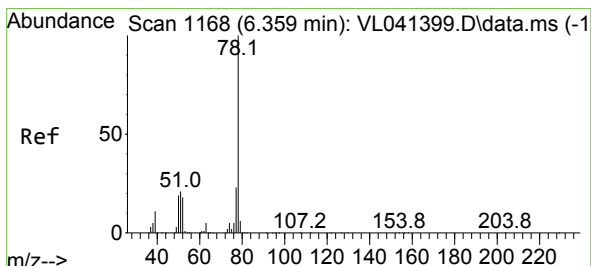
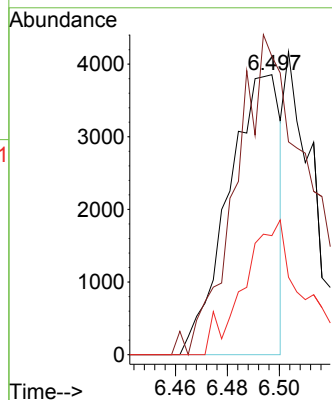
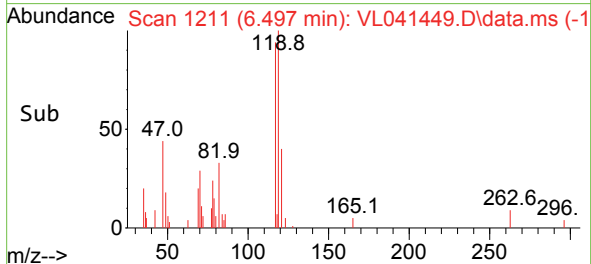


#35
Carbon Tetrachloride
Concen: 0.034 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Instrument :
MSVOA_L
ClientSampleId :

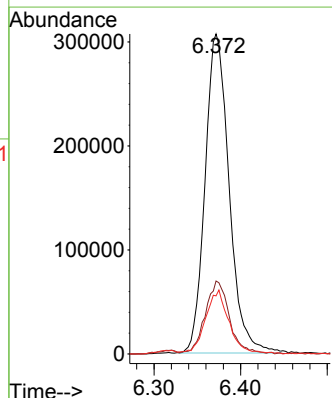
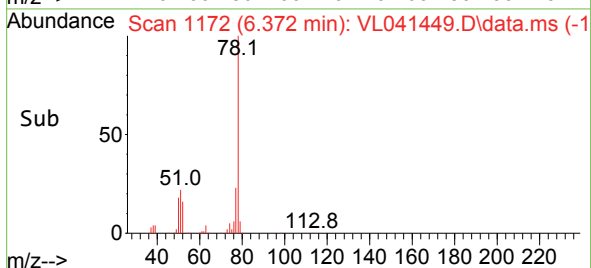
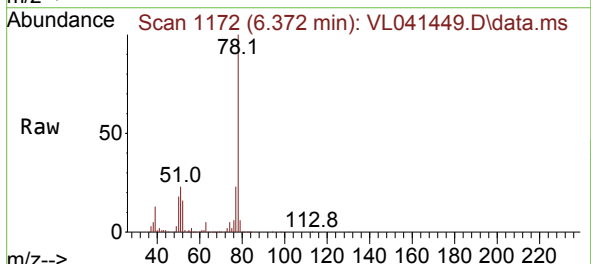


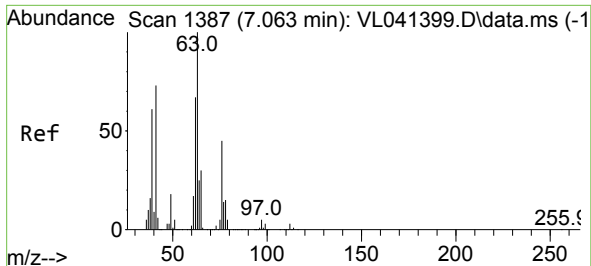
Tgt Ion:117 Resp: 5324
Ion Ratio Lower Upper
117 100
119 98.2 76.6 115.0
121 42.5 25.1 37.7#



#36
Benzene
Concen: 2.880 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 78 Resp: 592841
Ion Ratio Lower Upper
78 100
77 22.5 18.1 27.1
50 17.9 15.5 23.3





#39

1,2-Dichloropropane

Concen: 8.853 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.408 min

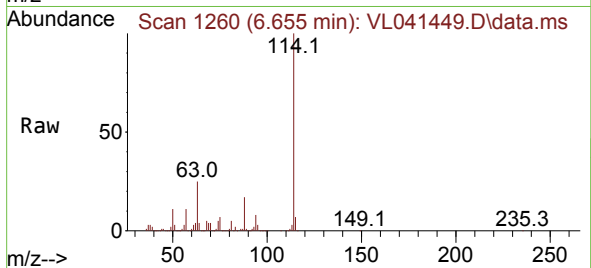
Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

ClientSampleId :



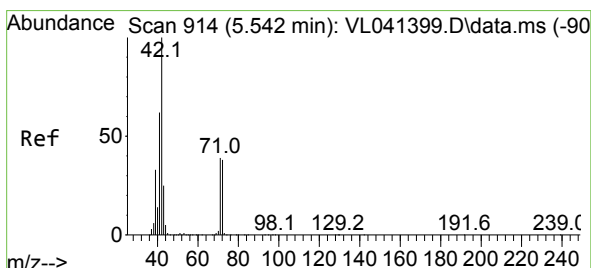
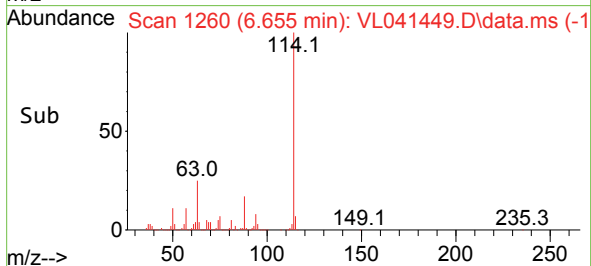
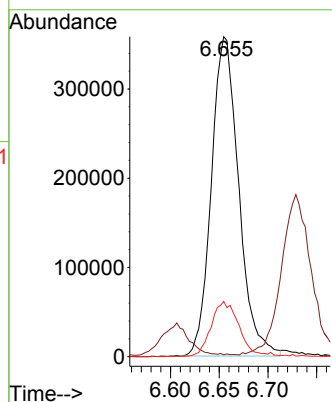
Tgt Ion: 63 Resp: 697750

Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.2 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.093 ppbv

RT: 5.568 min Scan# 922

Delta R.T. 0.022 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

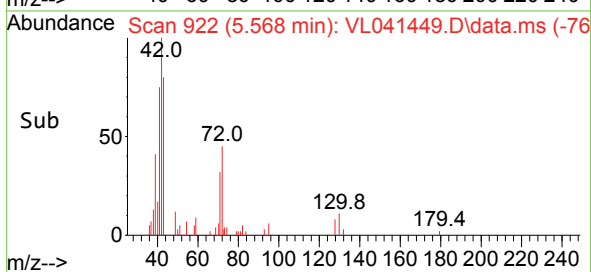
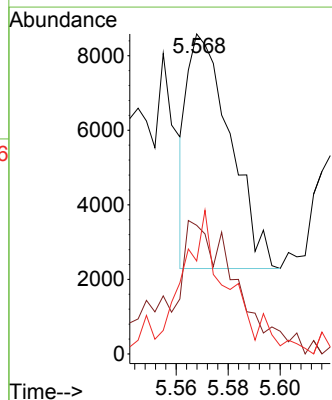
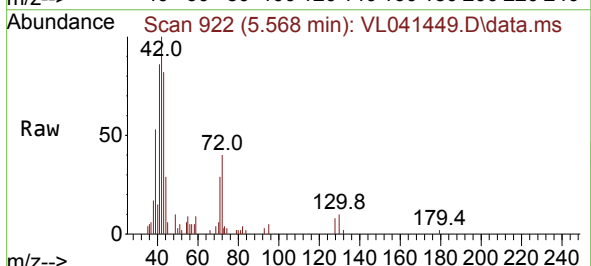
Tgt Ion: 42 Resp: 7224

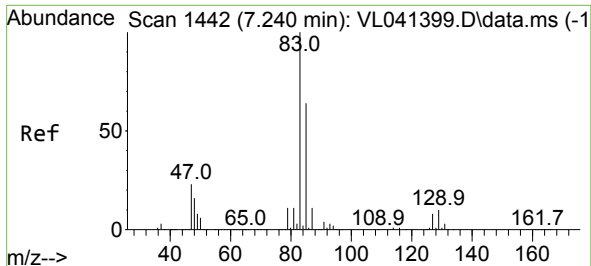
Ion Ratio Lower Upper

42 100

72 97.8 31.2 46.8#

71 71.9 30.5 45.7#

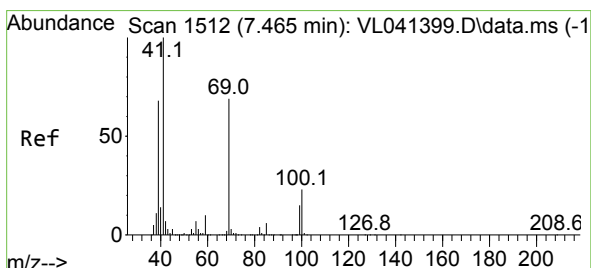
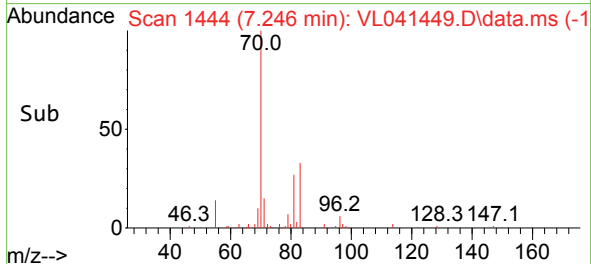
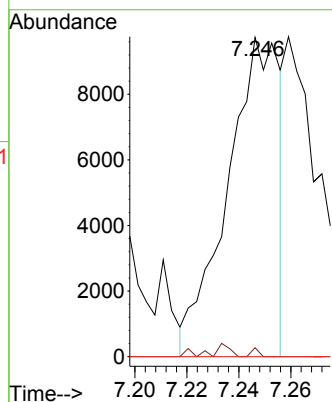
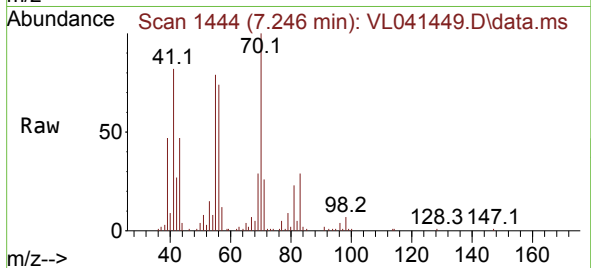




#42
Bromodichloromethane
Concen: 0.081 ppbv
RT: 7.246 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

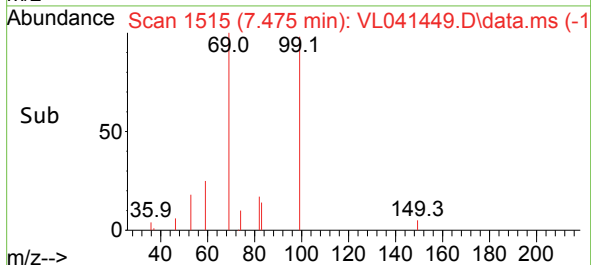
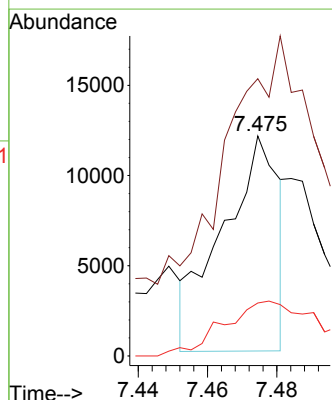
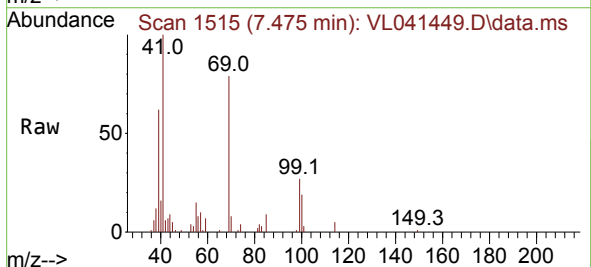
Instrument :
MSVOA_L
ClientSampleId :

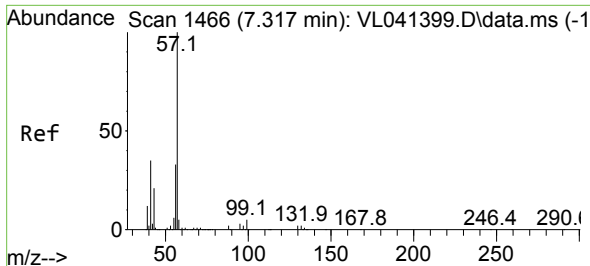
Tgt Ion: 83 Resp: 13541
Ion Ratio Lower Upper
83 100
85 3.1 51.4 77.0#
127 0.0 6.7 10.1#



#43
Methyl Methacrylate
Concen: 0.181 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 69 Resp: 13397
Ion Ratio Lower Upper
69 100
41 0.0 118.7 178.1#
100 0.0 27.0 40.4#

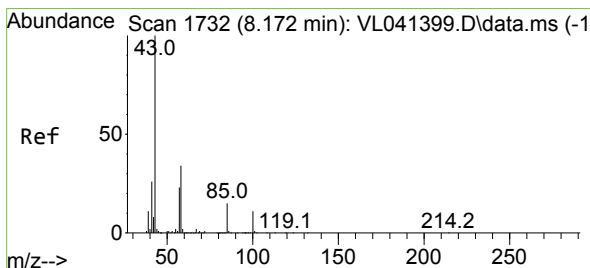
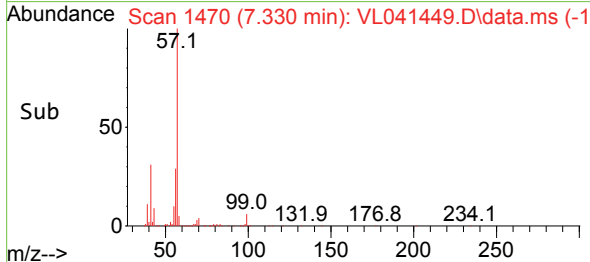
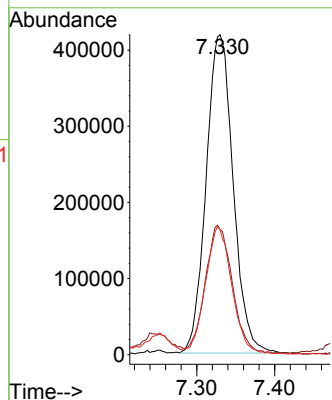
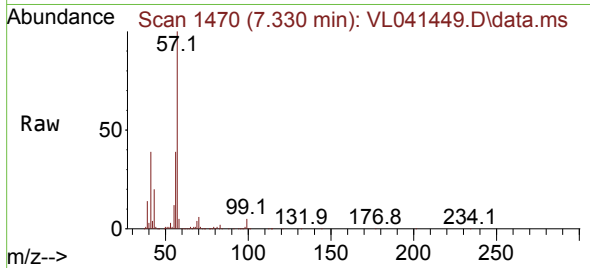




#44
2,2,4-Trimethylpentane
Concen: 2.930 ppbv
RT: 7.330 min Scan# 1466
Delta R.T. 0.013 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

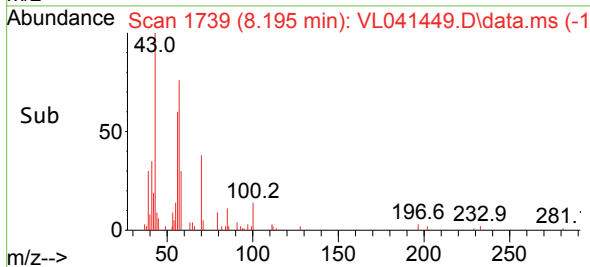
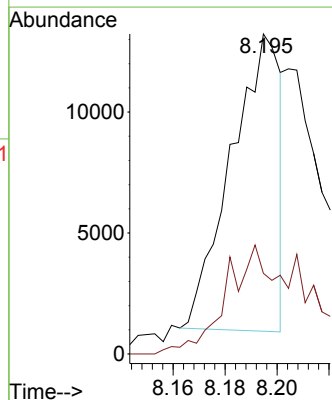
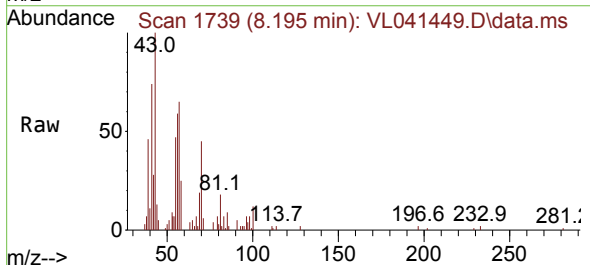
Instrument :
MSVOA_L
ClientSampleId :

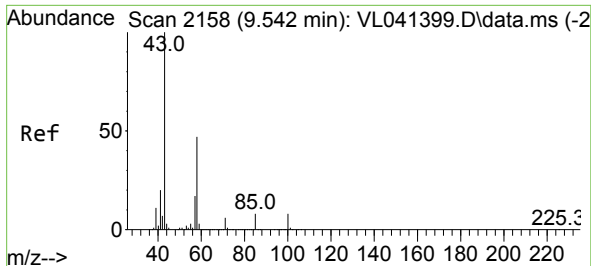
Tgt Ion: 57 Resp: 1007431
Ion Ratio Lower Upper
57 100
41 41.1 27.0 40.6#
56 39.5 25.2 37.8#



#50
4-Methyl-2-Pentanone
Concen: 0.075 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.022 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 43 Resp: 16047
Ion Ratio Lower Upper
43 100
58 66.9 27.9 41.9#

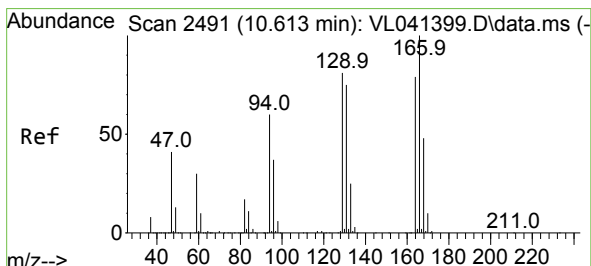
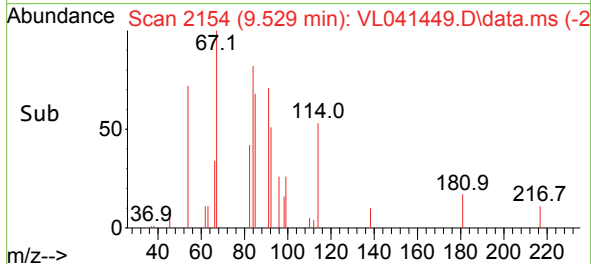
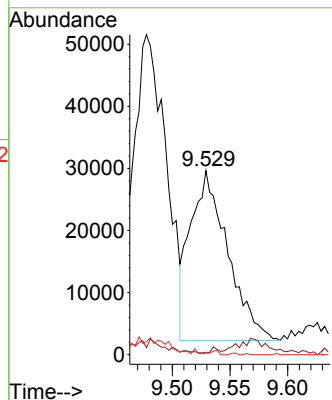
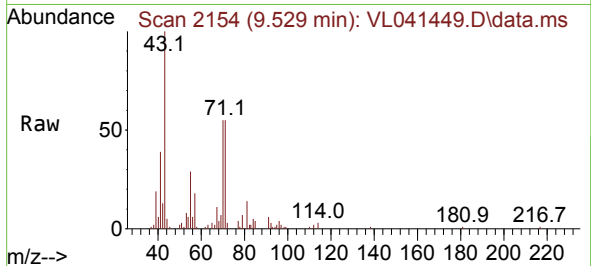




#51
2-Hexanone
Concen: 0.378 ppbv
RT: 9.529 min Scan# 2158
Delta R.T. -0.013 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

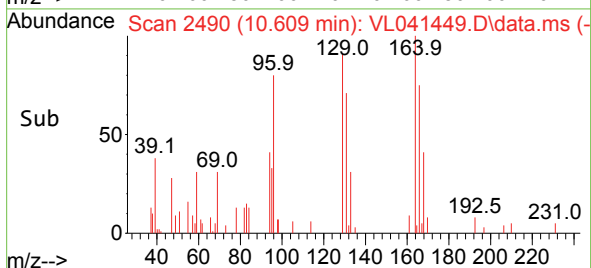
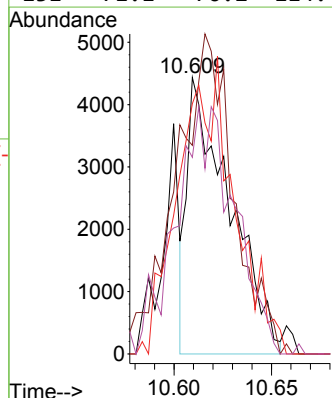
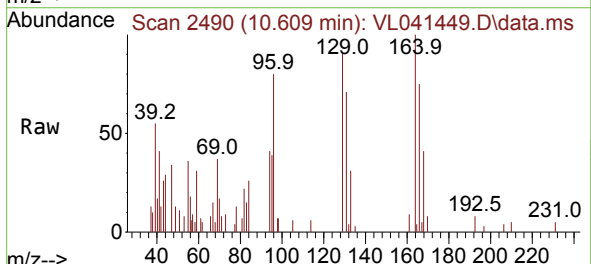
Instrument :
MSVOA_L
ClientSampleId :

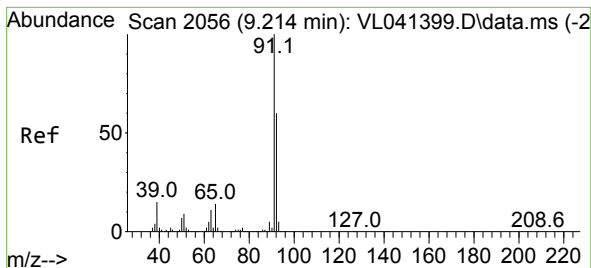
Tgt Ion: 43 Resp: 61431
Ion Ratio Lower Upper
43 100
58 9.8 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.084 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. -0.000 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 164 Resp: 6696
Ion Ratio Lower Upper
164 100
166 75.5 101.1 151.7#
129 81.9 81.7 122.5
131 71.1 76.2 114.4#





#53

Toluene

Concen: 17.338 ppbv

RT: 9.224 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

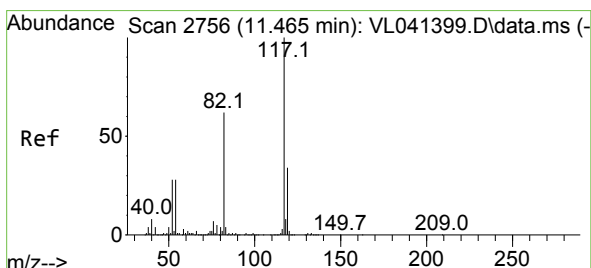
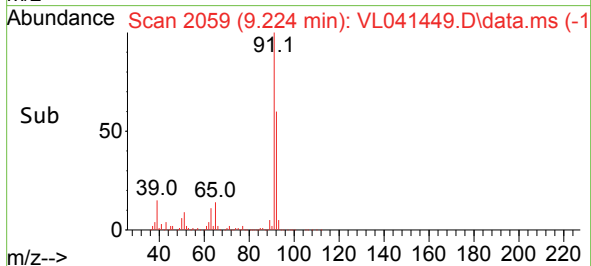
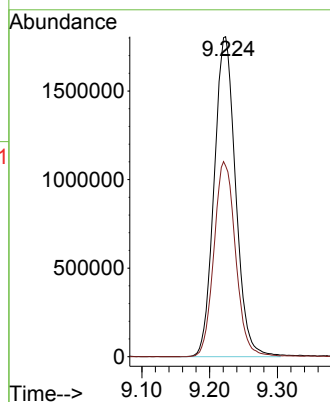
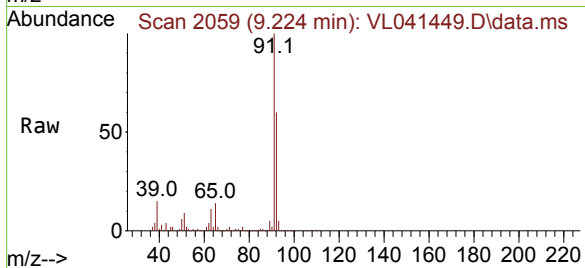
ClientSampleId :

Tgt Ion: 91 Resp: 3975844

Ion Ratio Lower Upper

91 100

92 61.7 48.7 73.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.003 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

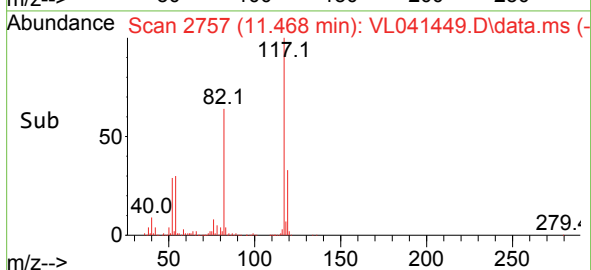
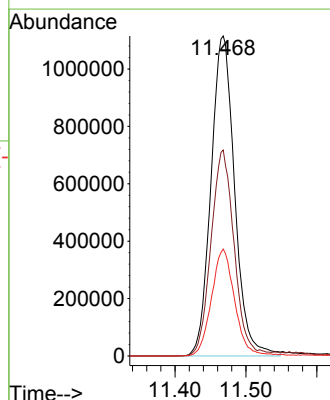
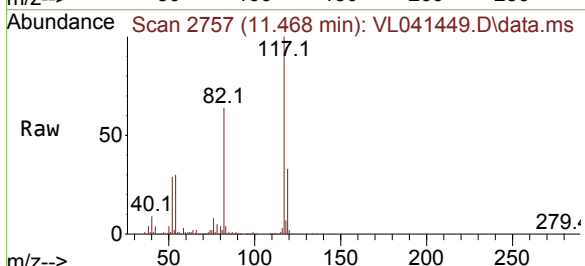
Tgt Ion: 117 Resp: 2586347

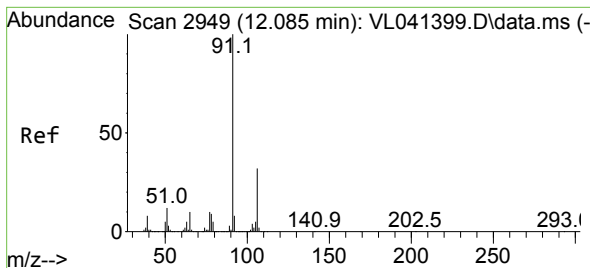
Ion Ratio Lower Upper

117 100

82 64.0 51.0 76.6

119 33.0 45.2 67.8#





#58

Ethyl Benzene

Concen: 2.910 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

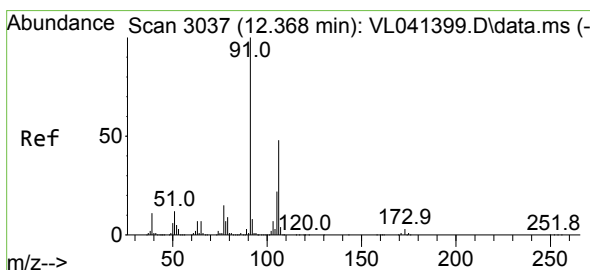
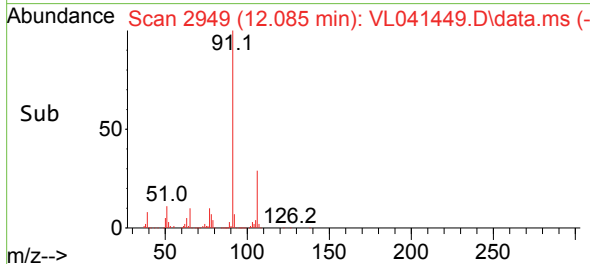
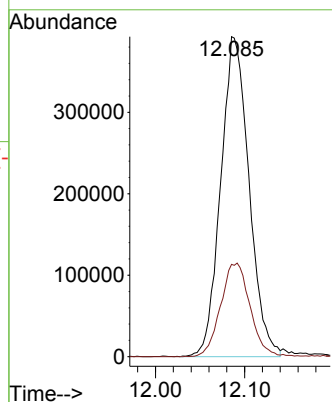
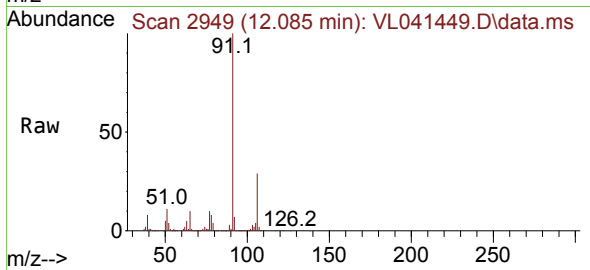
ClientSampleId :

Tgt Ion: 91 Resp: 867395

Ion Ratio Lower Upper

91 100

106 28.9 25.8 38.8



#59

m/p-Xylene

Concen: 5.171 ppbv

RT: 12.339 min Scan# 3028

Delta R.T. -0.029 min

Lab File: VL041449.D

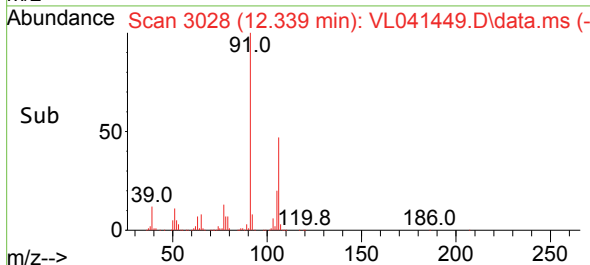
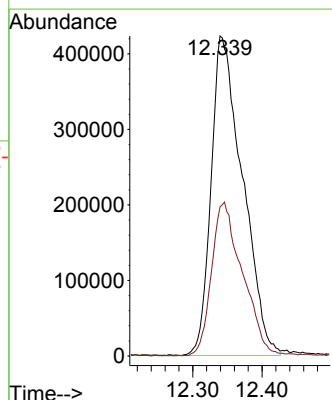
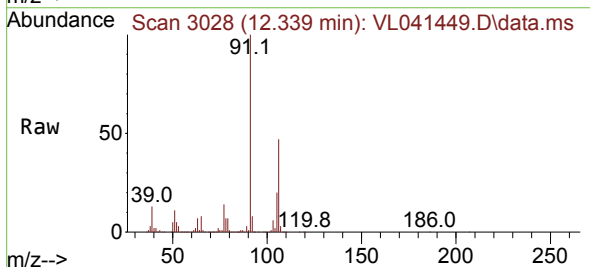
Acq: 30 Jul 2024 4:34

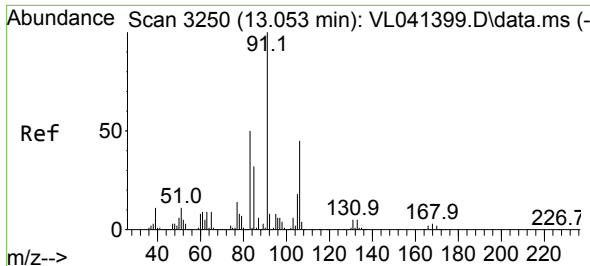
Tgt Ion: 91 Resp: 1330756

Ion Ratio Lower Upper

91 100

106 48.0 36.3 54.5

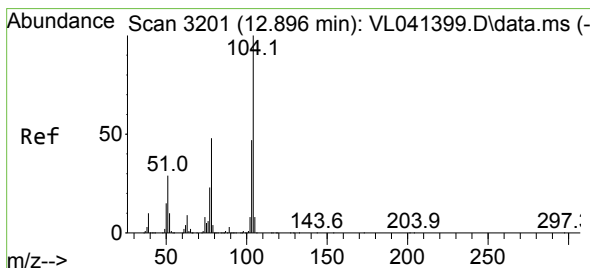
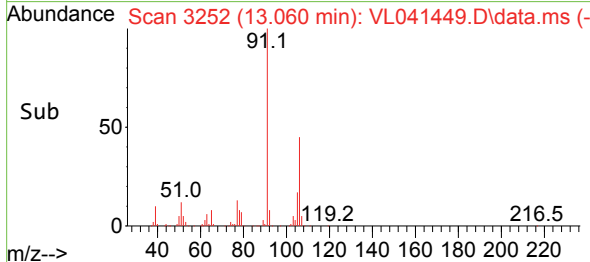
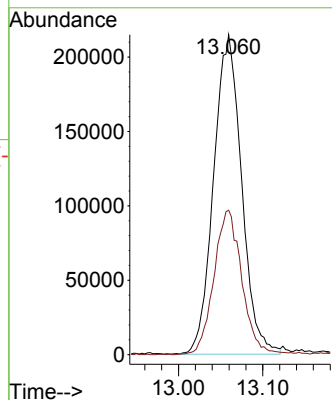
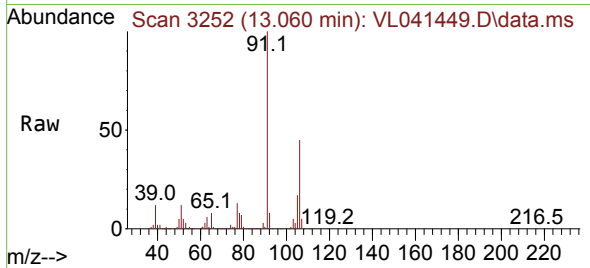




#60
o-Xylene
Concen: 2.033 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

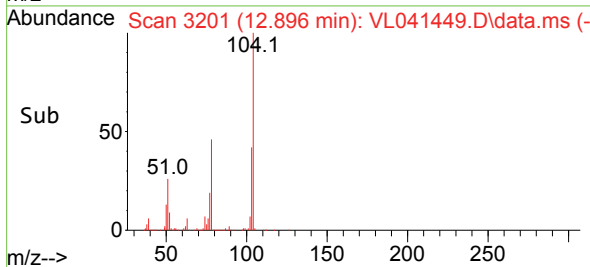
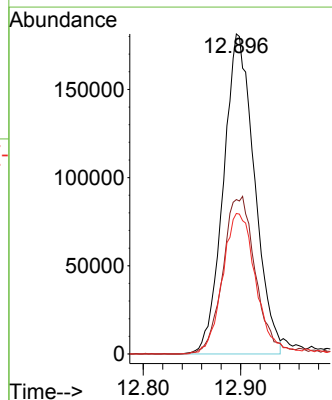
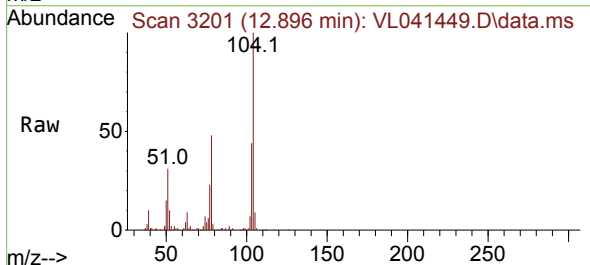
Instrument :
MSVOA_L
ClientSampleId :

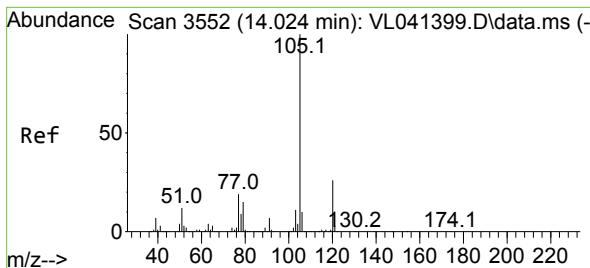
Tgt Ion: 91 Resp: 494903
Ion Ratio Lower Upper
91 100
106 45.5 23.1 69.3



#61
Styrene
Concen: 3.661 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. -0.000 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion:104 Resp: 402060
Ion Ratio Lower Upper
104 100
78 52.8 40.8 61.2
103 48.1 38.2 57.4





#62

Isopropylbenzene

Concen: 0.123 ppbv

RT: 14.027 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

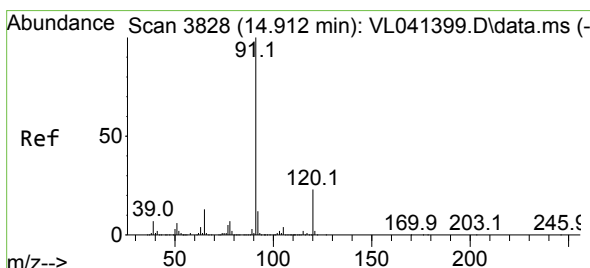
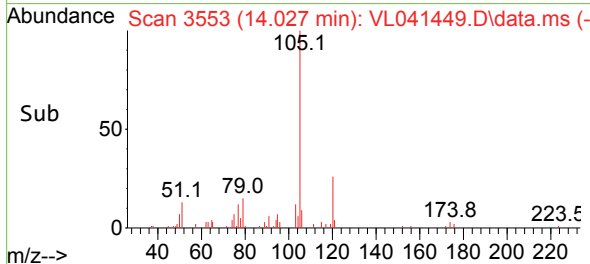
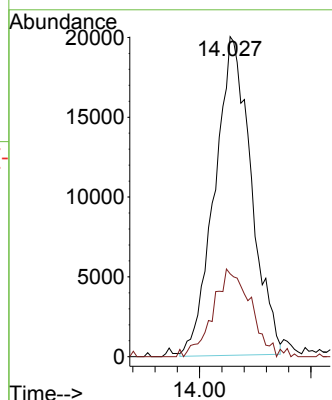
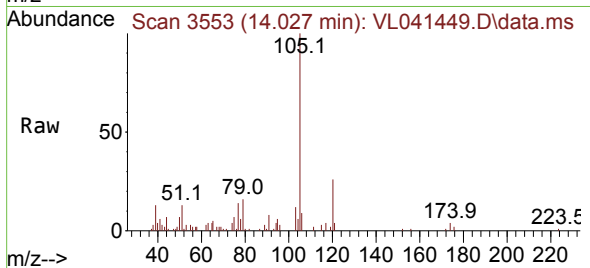
ClientSampleId :

Tgt Ion:105 Resp: 45355

Ion Ratio Lower Upper

105 100

120 28.8 21.0 31.4



#64

n-propylbenzene

Concen: 0.045 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.006 min

Lab File: VL041449.D

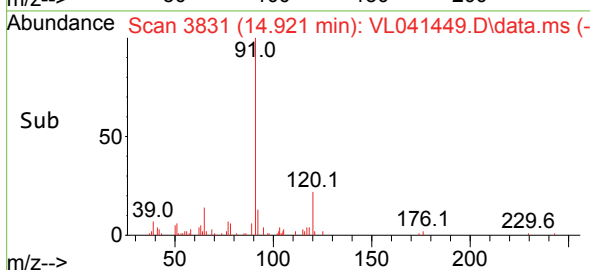
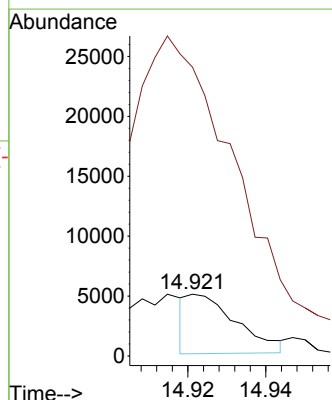
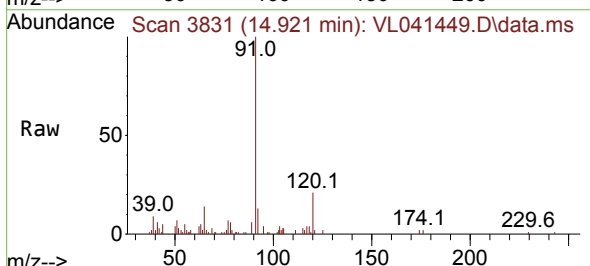
Acq: 30 Jul 2024 4:34

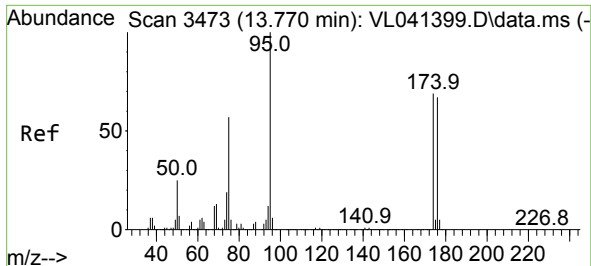
Tgt Ion:120 Resp: 4349

Ion Ratio Lower Upper

120 100

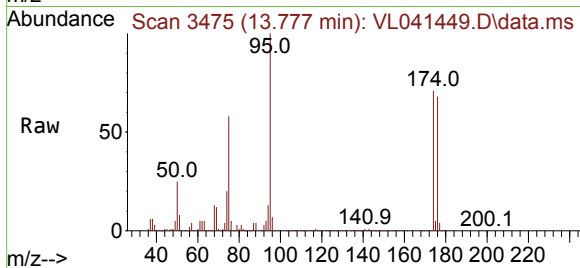
91 0.0 361.4 542.0#



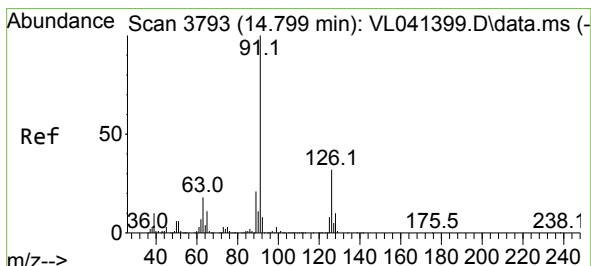
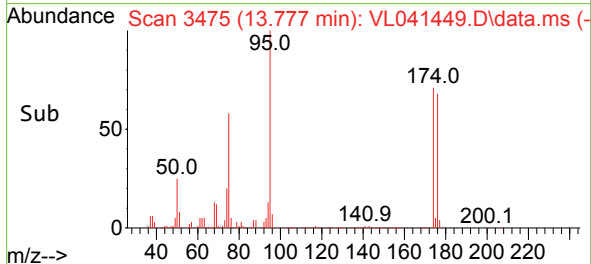
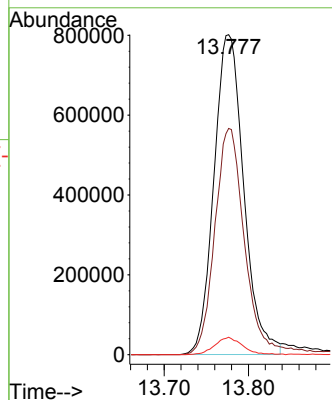


#68
1-Bromo-4-Fluorobenzene
Concen: 9.889 ppbv
RT: 13.777 min Scan# 3473
Delta R.T. 0.003 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Instrument :
MSVOA_L
ClientSampleId :

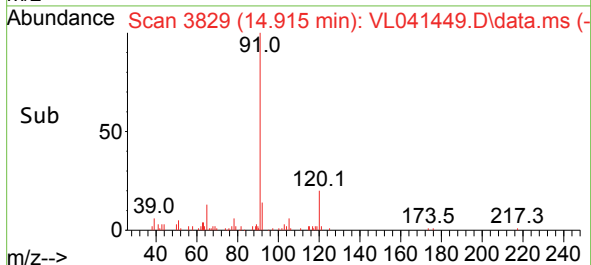
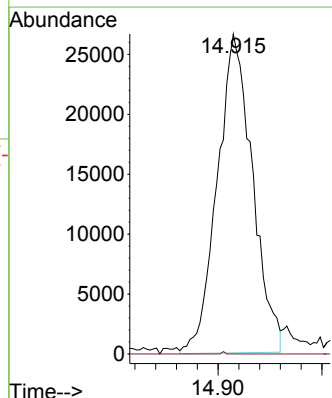
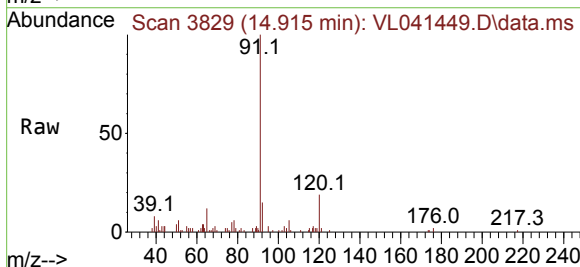


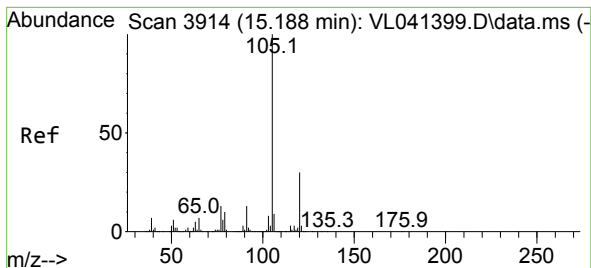
Tgt Ion: 95 Resp: 1968173
Ion Ratio Lower Upper
95 100
174 72.8 56.3 84.5
175 5.2 4.0 6.0



#71
2-Chlorotoluene
Concen: 0.230 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. 0.116 min
Lab File: VL041449.D
Acq: 30 Jul 2024 4:34

Tgt Ion: 91 Resp: 62699
Ion Ratio Lower Upper
91 100
126 0.0 12.7 50.9#





#72

4-Ethyltoluene

Concen: 0.115 ppbv

RT: 15.191 min Scan# 3915

Delta R.T. -0.000 min

Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 33034

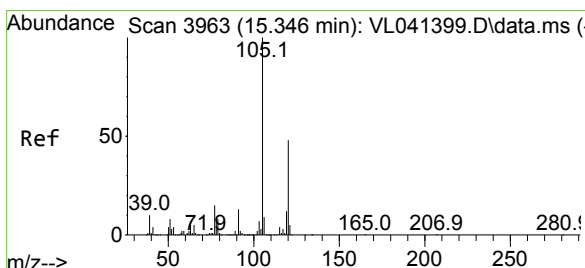
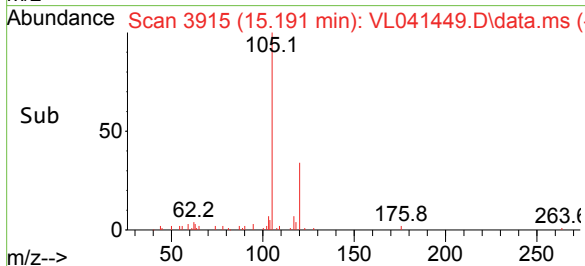
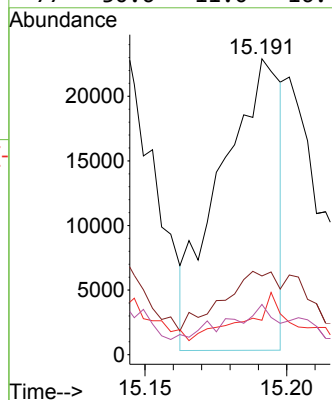
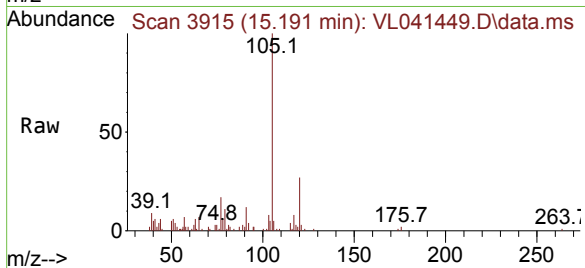
Ion Ratio Lower Upper

105 100

120 46.5 24.2 36.2#

91 19.9 10.4 15.6#

77 30.6 11.0 16.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.113 ppbv

RT: 15.358 min Scan# 3967

Delta R.T. 0.010 min

Lab File: VL041449.D

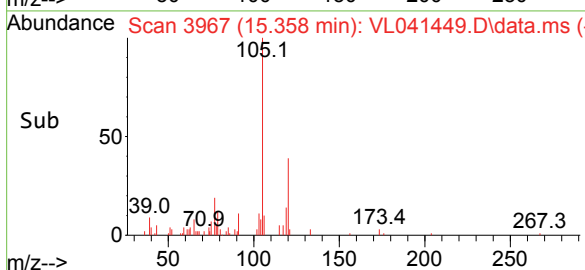
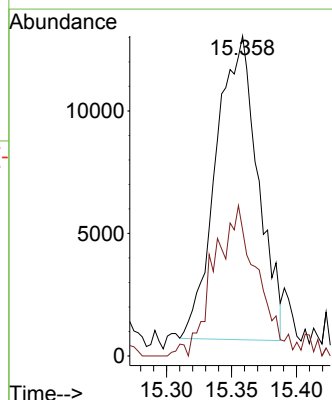
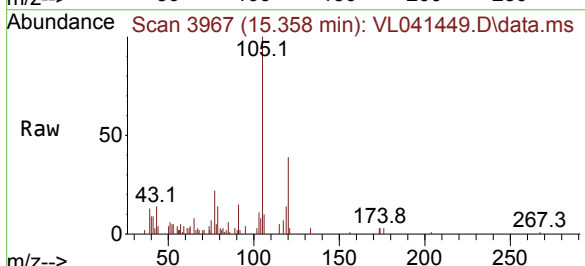
Acq: 30 Jul 2024 4:34

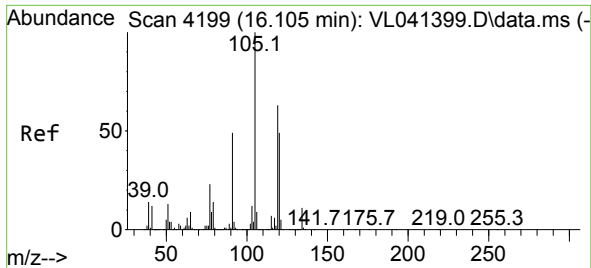
Tgt Ion:105 Resp: 27816

Ion Ratio Lower Upper

105 100

120 37.8 38.6 57.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.176 ppbv

RT: 16.111 min Scan# 41

Delta R.T. 0.003 min

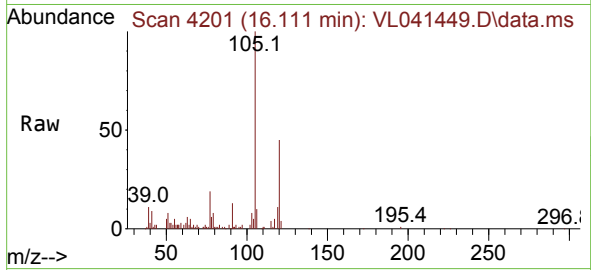
Lab File: VL041449.D

Acq: 30 Jul 2024 4:34

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:105 Resp: 50413

Ion Ratio Lower Upper

105 100

120 44.3 39.5 59.3

91 13.5 39.8 59.8#

77 18.1 18.2 27.4#

