

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041546.D
 Acq On : 19 Aug 2024 13:33
 Operator : SY/MD
 Sample : P3658-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

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

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

Internal Standards						
1) Bromochloromethane	5.211	49	927912	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2437196	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2299496	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1749540	9.887	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	34464	0.216	ppbv	97
3) Chlorodifluoromethane	2.694	51	180275	1.632	ppbv #	83
4) Chloromethane	2.832	50	40734	0.693	ppbv	95
9) Propene	2.893	41	332081	6.544	ppbv	91
10) Heptane	7.600	43	19084	0.167	ppbv #	49
11) Trichlorofluoromethane	3.584	101	38459	0.271	ppbv	87
12) 1,1,2-Trichlorotrifluo...	4.086	101	4234	0.041	ppbv #	12
13) Ethanol	3.256	45	2004067	441.869	ppbv	98
15) Acetone	3.485	43	2018735	19.148	ppbv	98
16) 1,3-Butadiene	2.986	39	63531	1.128	ppbv #	30
17) tert-Butyl alcohol	3.909	59	26087	0.271	ppbv #	73
19) Isopropyl Alcohol	3.597	45	817204	13.258	ppbv #	96
20) Methylene Chloride	3.954	84	318888	8.111	ppbv	99
21) Allyl Chloride	3.989	41	2158	0.031	ppbv #	19
23) Vinyl Acetate	4.629	43	96304	1.196	ppbv #	41
25) Ethyl Acetate	5.227	43	399713	1.908	ppbv #	95
26) Hexane	5.230	57	269751	3.105	ppbv #	66
27) Carbon Disulfide	4.147	76	56306	0.554	ppbv #	85
29) Chloroform	5.295	83	150929	1.065	ppbv	95
30) Cyclohexane	6.626	84	4686	0.066	ppbv #	1
31) cis-1,2-Dichloroethene	5.221	61	28044	0.327	ppbv #	27
34) 2-Butanone	4.809	43	119843	1.017	ppbv	99
35) Carbon Tetrachloride	6.513	117	6456	0.048	ppbv #	92
36) Benzene	6.388	78	124805	0.701	ppbv	96
37) 1,2-Dichloroethane	5.828	62	44733	0.449	ppbv	98
39) 1,2-Dichloropropane	6.671	63	605571	8.882	ppbv #	25
41) Tetrahydrofuran	5.587	42	5132	0.076	ppbv #	46
43) Methyl Methacrylate	7.504	69	4127	0.065	ppbv #	1
44) 2,2,4-Trimethylpentane	7.349	57	103366	0.348	ppbv #	66
50) 4-Methyl-2-Pentanone	8.205	43	6920	0.037	ppbv #	40
51) 2-Hexanone	9.578	43	4915	0.035	ppbv #	30
52) Tetrachloroethene	10.642	164	20752	0.302	ppbv	92
53) Toluene	9.246	91	444072	2.239	ppbv	99
58) Ethyl Benzene	12.118	91	73786	0.278	ppbv	90
59) m/p-Xylene	12.368	91	126437	0.553	ppbv #	61
60) o-Xylene	13.082	91	57955	0.268	ppbv	100
66) Benzyl Chloride	16.166	91	960	0.050	ppbv #	57
69) p-Isopropyltoluene	17.018	119	19501	0.057	ppbv #	42
71) 2-Chlorotoluene	14.693	91	464741	1.915	ppbv #	43
73) 1,3,5-Trimethylbenzene	15.381	105	9664	0.044	ppbv	90
74) 1,2,4-Trimethylbenzene	16.134	105	27542	0.108	ppbv #	78
75) 1,3-Dichlorobenzene	16.503	146	28057	0.175	ppbv	87
76) 1,4-Dichlorobenzene	16.503	146	28057	0.181	ppbv	88

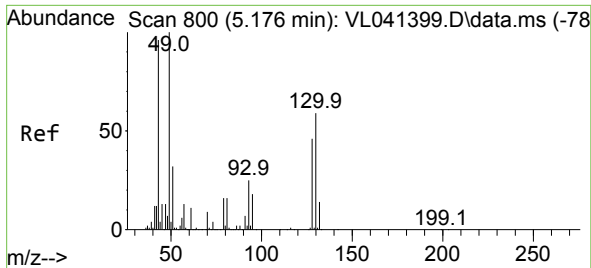
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
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QLast Update : Tue Aug 20 02:10:04 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

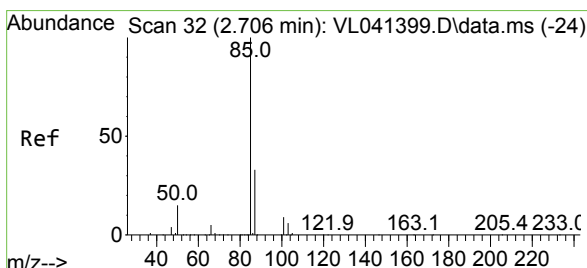
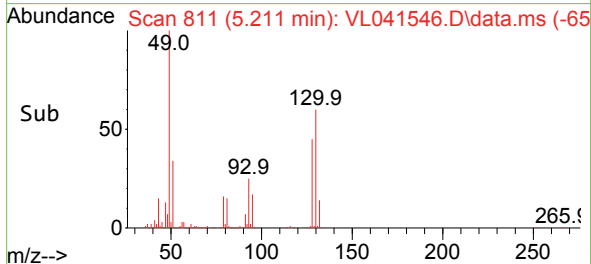
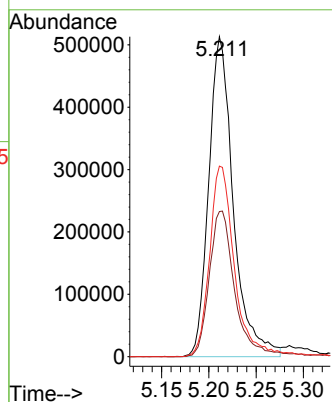
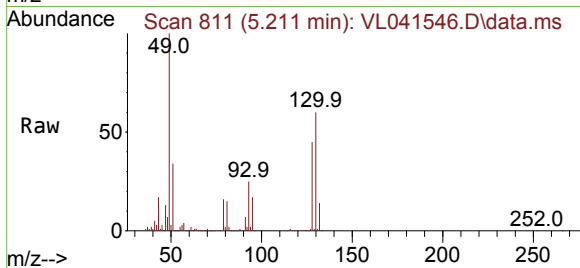
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

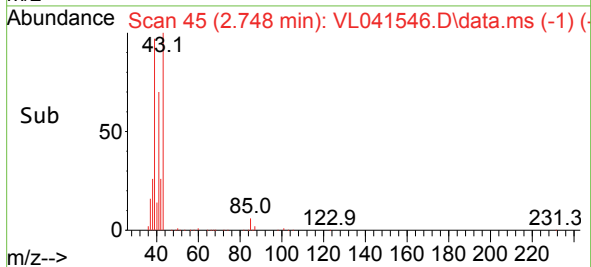
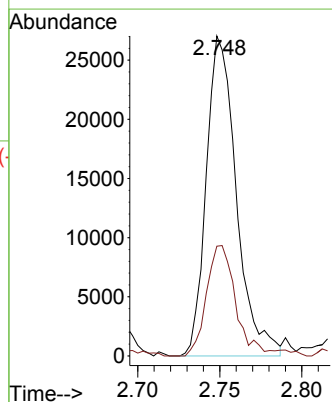
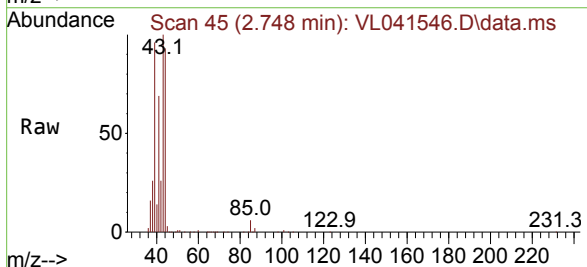
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 ClientSampleId :
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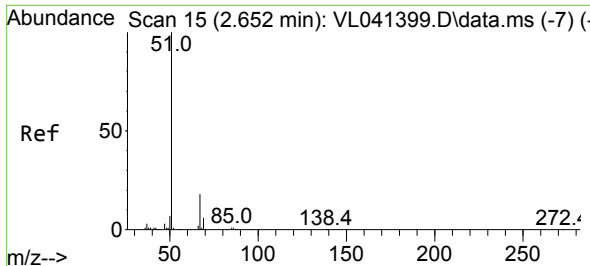
Tgt Ion: 49 Resp: 927912
 Ion Ratio Lower Upper
 49 100
 128 48.1 23.8 71.4
 130 61.2 30.8 92.4



#2
 Dichlorodifluoromethane
 Concen: 0.216 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

Tgt Ion: 85 Resp: 34464
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.0 39.0

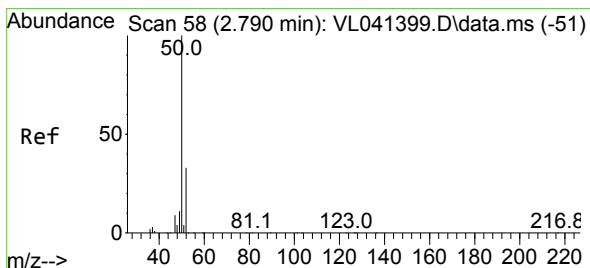
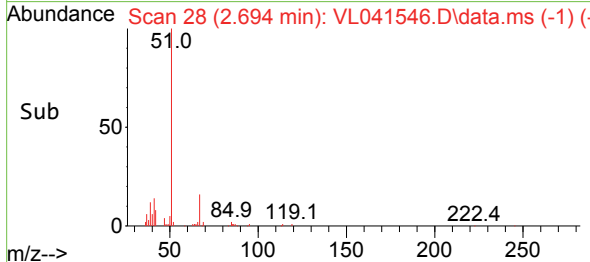
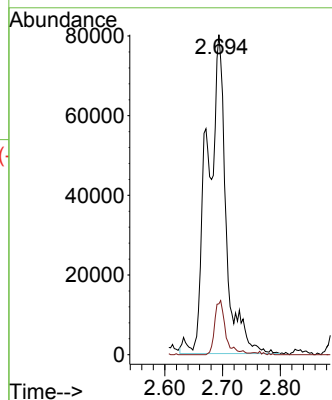
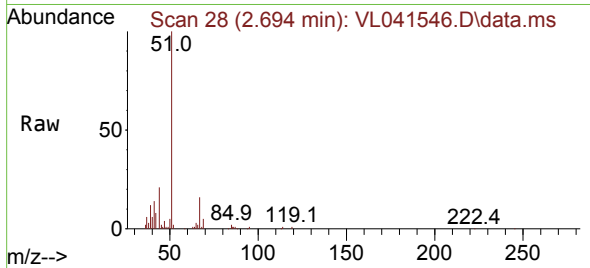




#3
Chlorodifluoromethane
Concen: 1.632 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

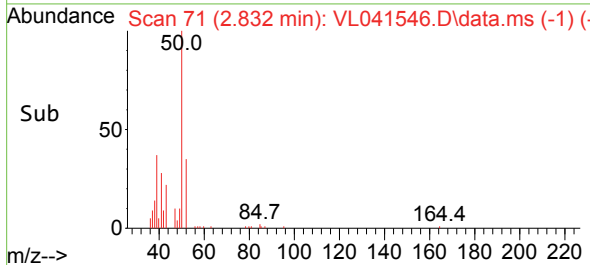
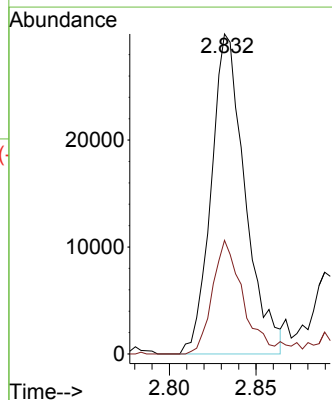
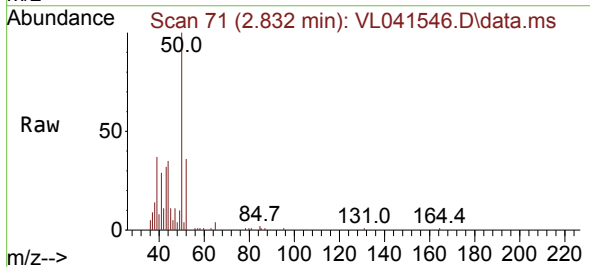
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ClientSampleId :
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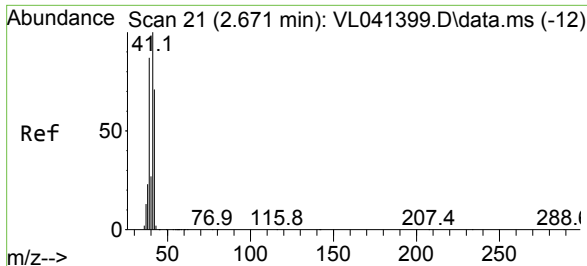
Tgt Ion: 51 Resp: 180275
Ion Ratio Lower Upper
51 100
67 10.5 14.5 21.7#



#4
Chloromethane
Concen: 0.693 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 50 Resp: 40734
Ion Ratio Lower Upper
50 100
52 35.5 26.1 39.1

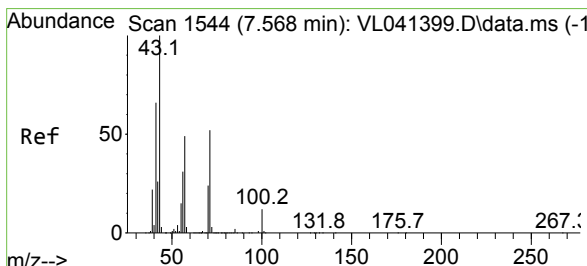
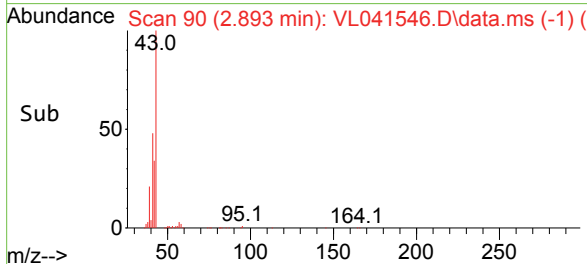
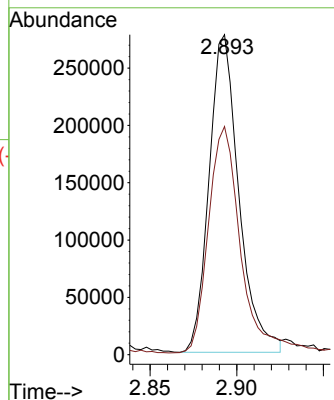
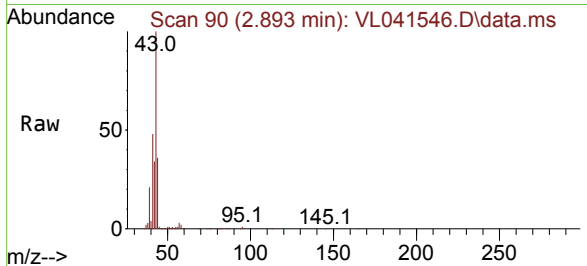




#9
 Propene
 Concen: 6.544 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. 0.180 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

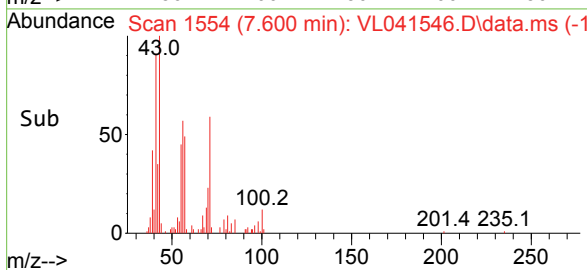
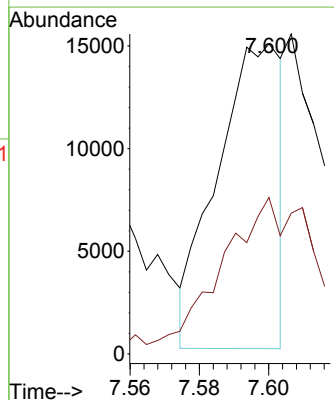
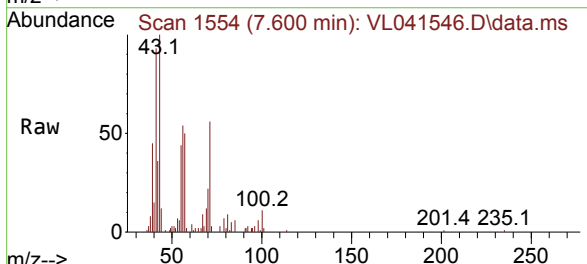
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 ClientSampleId :
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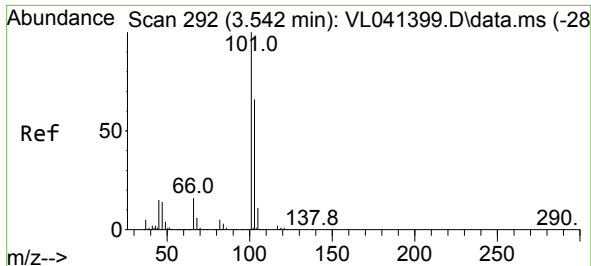
Tgt Ion: 41 Resp: 332081
 Ion Ratio Lower Upper
 41 100
 42 77.5 55.9 83.9



#10
 Heptane
 Concen: 0.167 ppbv
 RT: 7.600 min Scan# 1554
 Delta R.T. 0.003 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

Tgt Ion: 43 Resp: 19084
 Ion Ratio Lower Upper
 43 100
 57 86.0 40.5 60.7#

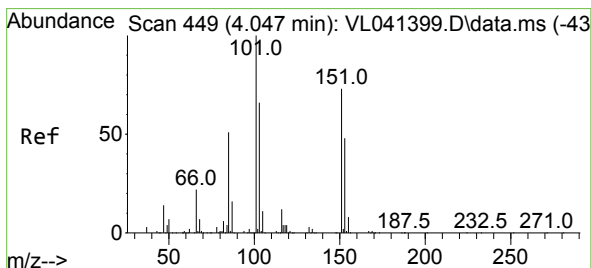
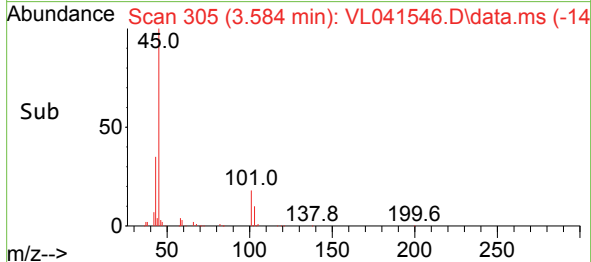
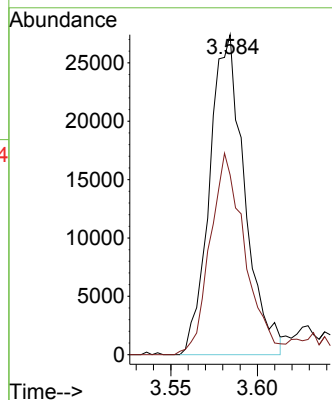
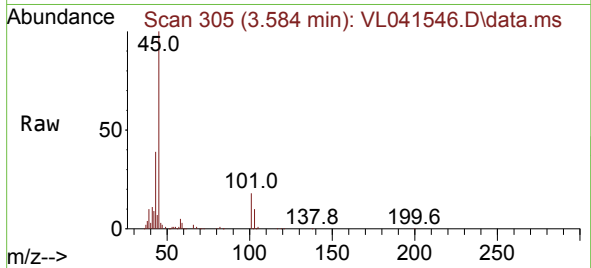




#11
Trichlorofluoromethane
Concen: 0.271 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

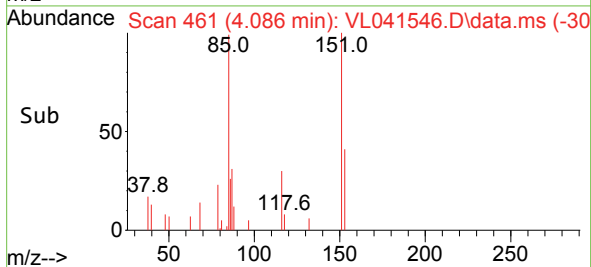
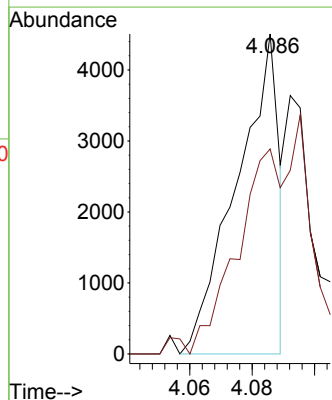
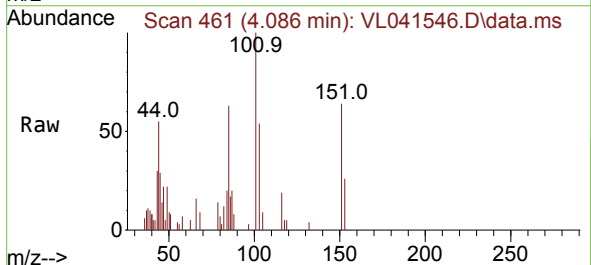
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MSVOA_L
ClientSampleId :
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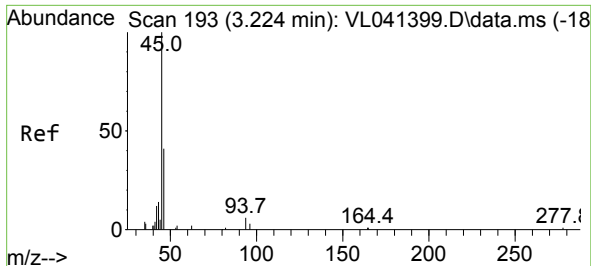
Tgt Ion:101 Resp: 38459
Ion Ratio Lower Upper
101 100
103 55.1 52.6 79.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.041 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion:101 Resp: 4234
Ion Ratio Lower Upper
101 100
151 0.0 59.4 89.2#

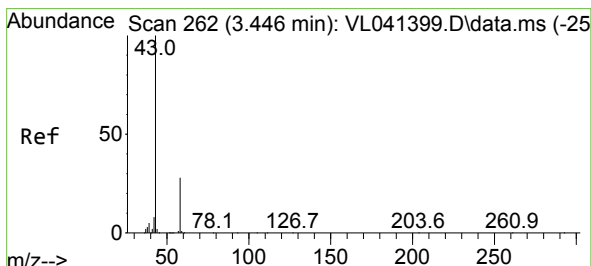
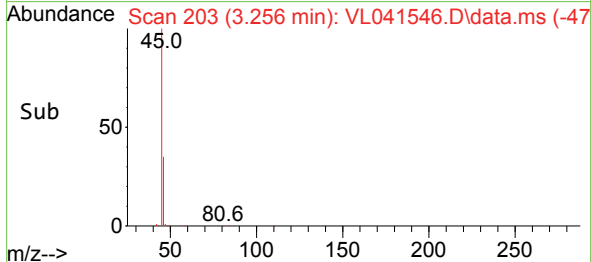
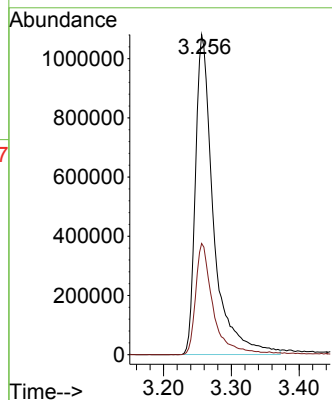
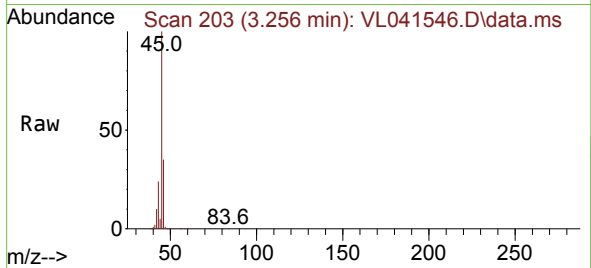




#13
Ethanol
Concen: 441.869 ppbv
RT: 3.256 min Scan# 200
Delta R.T. 0.000 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

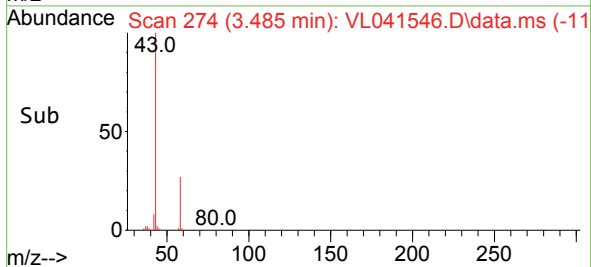
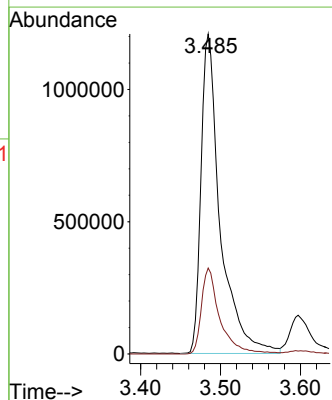
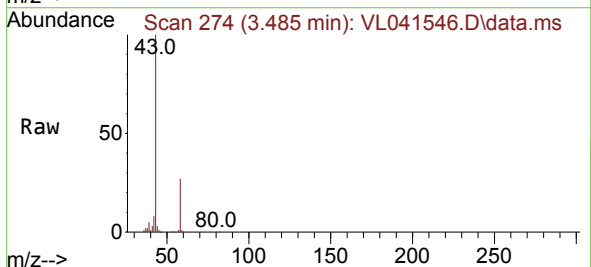
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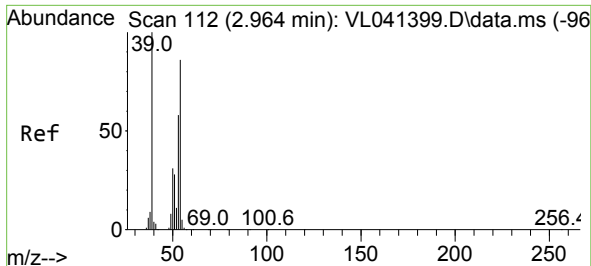
Tgt Ion: 45 Resp: 2004067
Ion Ratio Lower Upper
45 100
46 34.7 13.4 53.4



#15
Acetone
Concen: 19.148 ppbv
RT: 3.485 min Scan# 274
Delta R.T. 0.000 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 43 Resp: 2018735
Ion Ratio Lower Upper
43 100
58 25.8 21.4 32.2

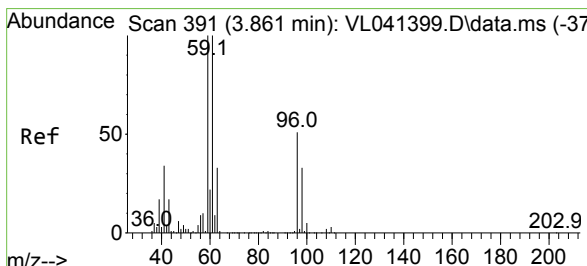
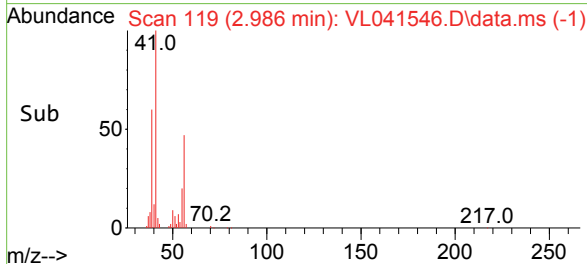
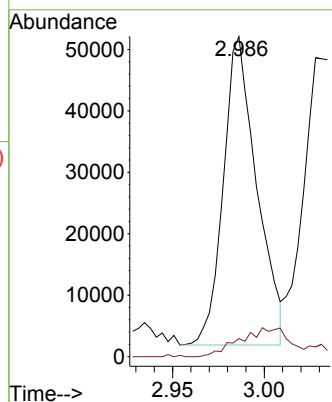
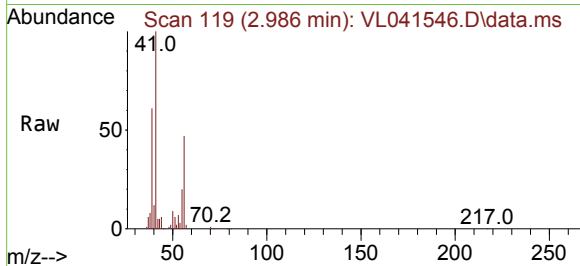




#16
1,3-Butadiene
Concen: 1.128 ppbv
RT: 2.986 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

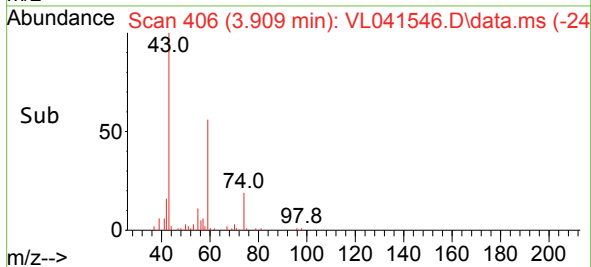
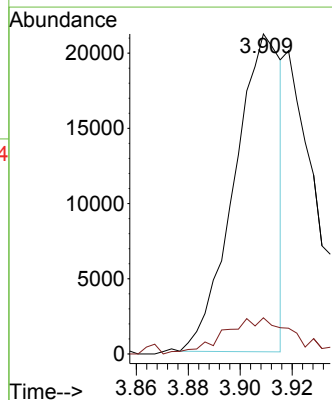
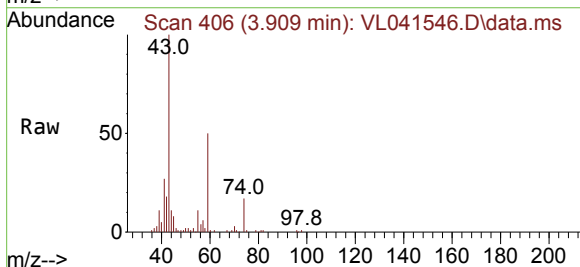
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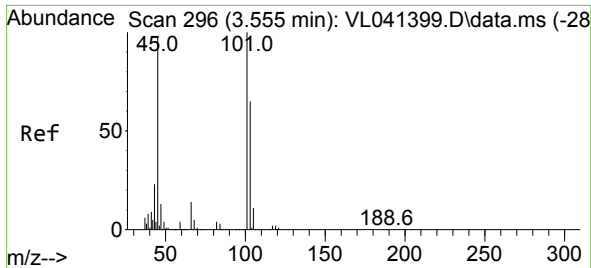
Tgt Ion: 39 Resp: 63531
Ion Ratio Lower Upper
39 100
54 17.5 62.5 93.7#



#17
tert-Butyl alcohol
Concen: 0.271 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.016 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 59 Resp: 26087
Ion Ratio Lower Upper
59 100
57 21.1 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 13.258 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.006 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Instrument :

MSVOA_L

ClientSampleId :

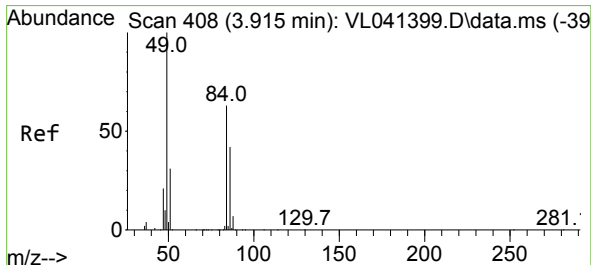
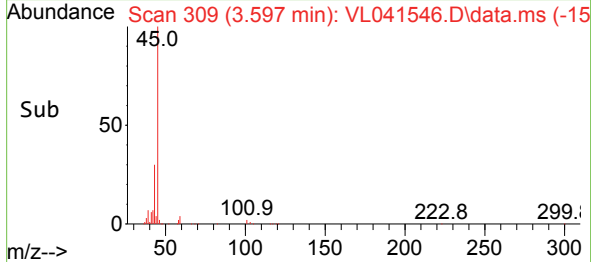
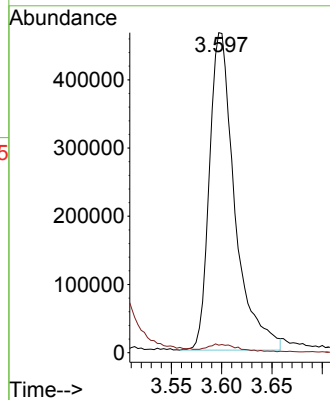
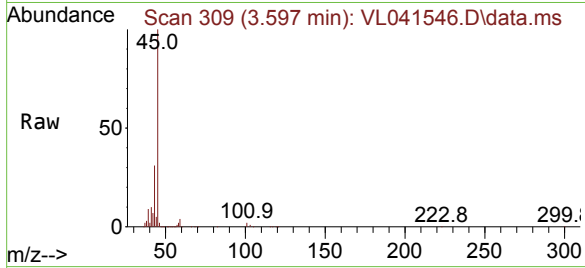
IA1

Tgt Ion: 45 Resp: 817204

Ion Ratio Lower Upper

45 100

58 3.8 1.9 2.9#



#20

Methylene Chloride

Concen: 8.111 ppbv

RT: 3.954 min Scan# 420

Delta R.T. 0.003 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Tgt Ion: 84 Resp: 318888

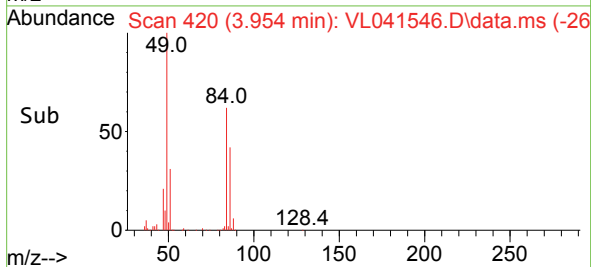
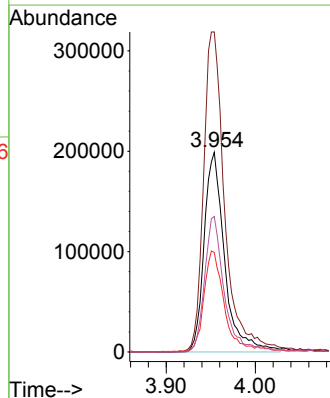
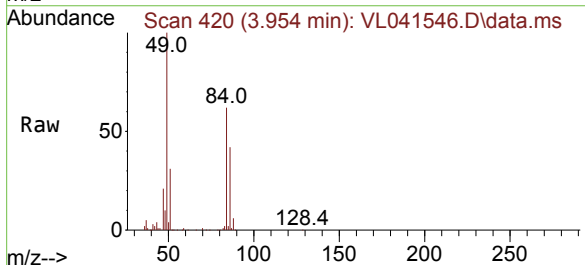
Ion Ratio Lower Upper

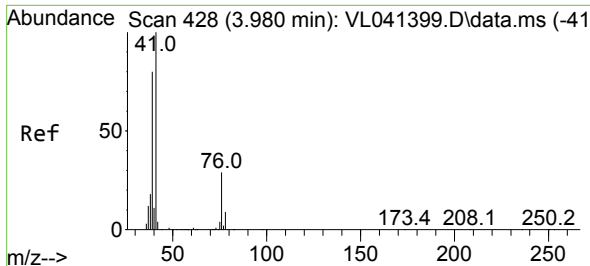
84 100

49 159.6 126.6 190.0

51 49.1 38.6 58.0

86 67.8 53.0 79.4

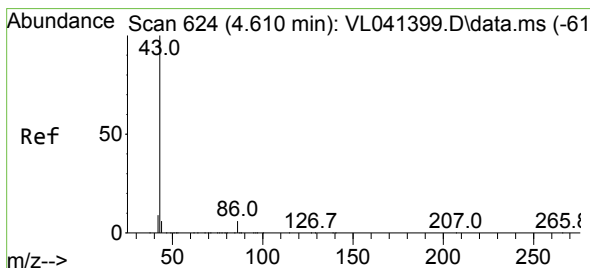
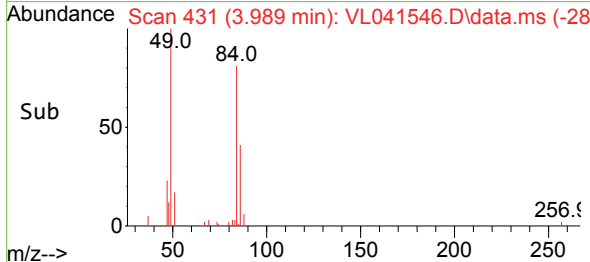
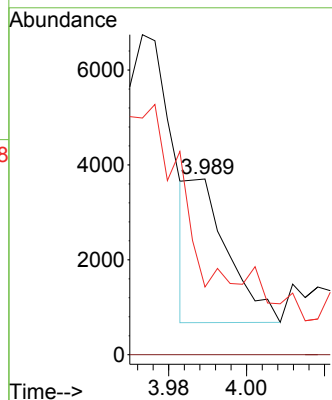
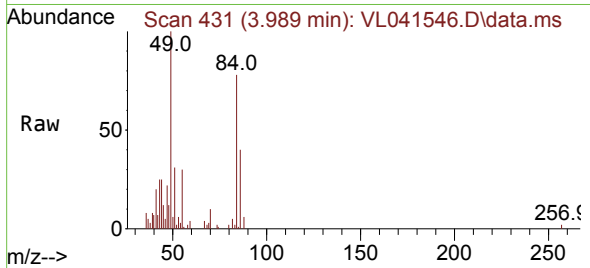




#21
 Allyl Chloride
 Concen: 0.031 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

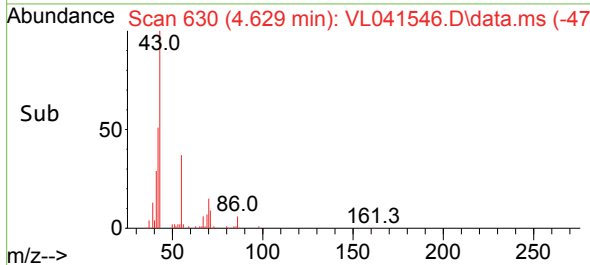
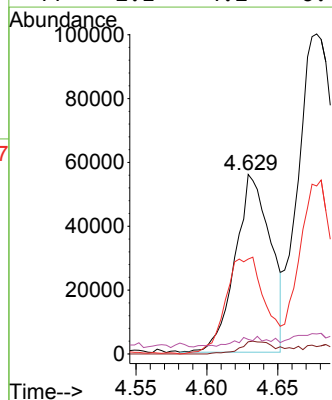
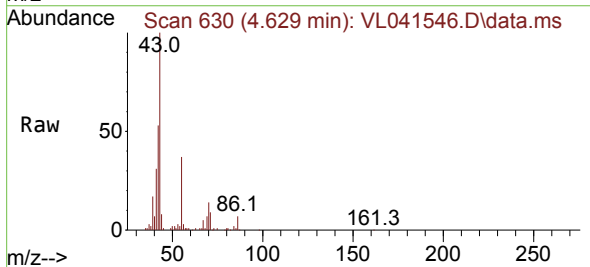
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

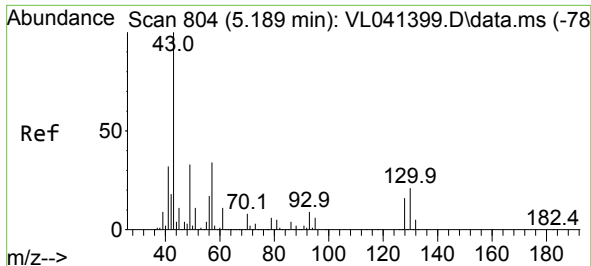
Tgt Ion: 41 Resp: 2158
 Ion Ratio Lower Upper
 41 100
 76 0.0 23.7 35.5#
 39 0.0 64.3 96.5#



#23
 Vinyl Acetate
 Concen: 1.196 ppbv
 RT: 4.629 min Scan# 630
 Delta R.T. -0.013 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

Tgt Ion: 43 Resp: 96304
 Ion Ratio Lower Upper
 43 100
 86 6.8 4.6 6.8
 42 53.4 7.9 11.9#
 44 2.1 4.2 6.4#



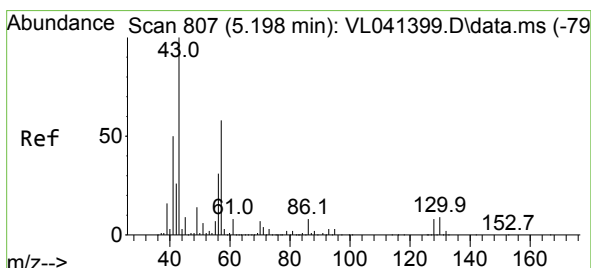
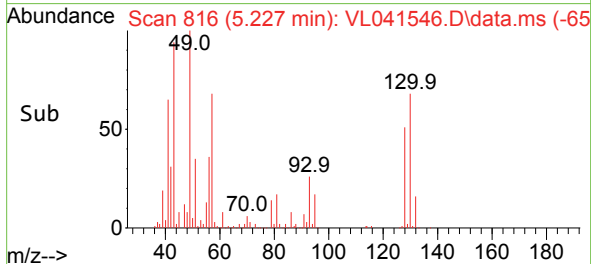
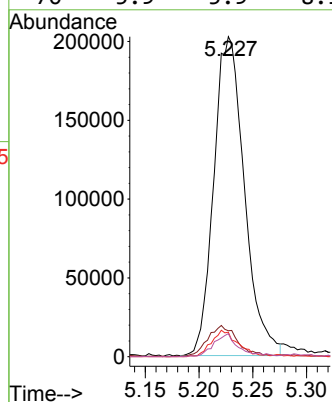
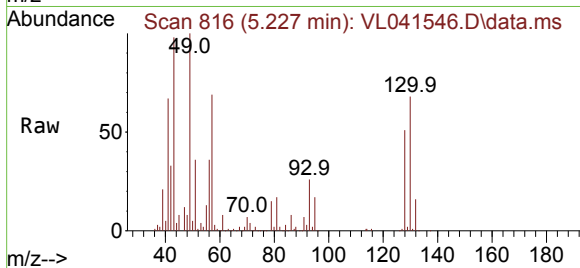


#25
Ethyl Acetate
Concen: 1.908 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.006 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 399713

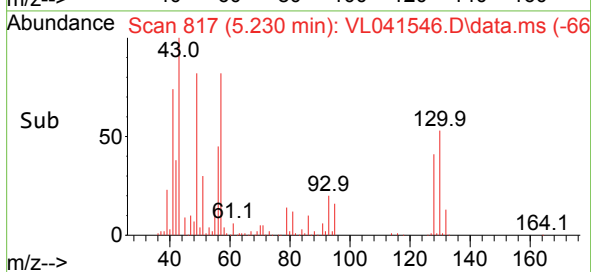
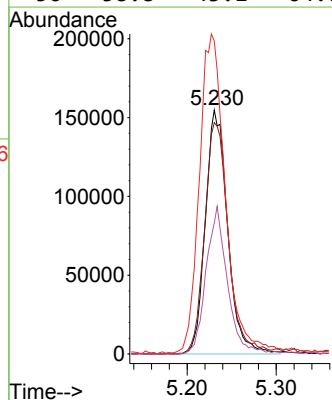
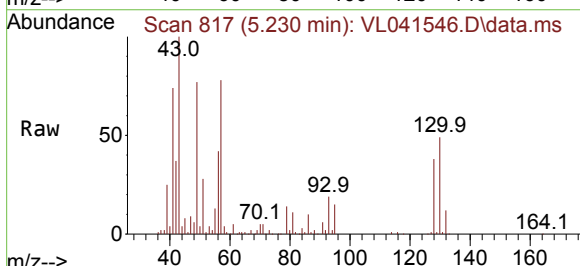
Ion	Ratio	Lower	Upper
43	100		
45	9.5	8.5	12.7
61	7.7	8.0	12.0#
70	5.9	5.9	8.9

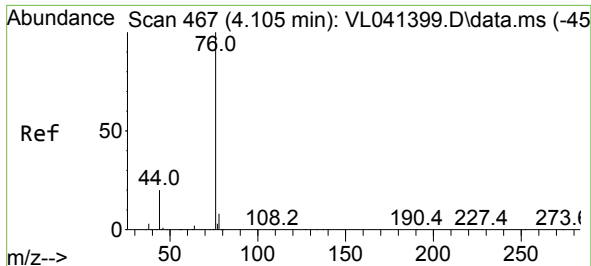


#26
Hexane
Concen: 3.105 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 57 Resp: 269751

Ion	Ratio	Lower	Upper
57	100		
41	99.8	74.0	111.0
43	155.3	193.6	290.4#
56	58.8	43.1	64.7





#27

Carbon Disulfide

Concen: 0.554 ppbv

RT: 4.147 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

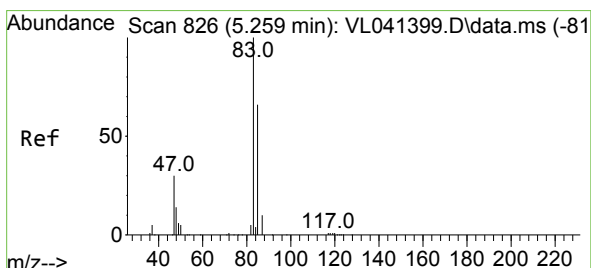
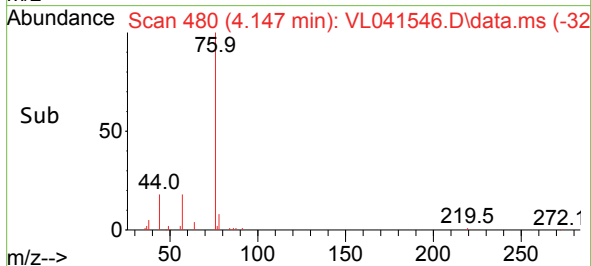
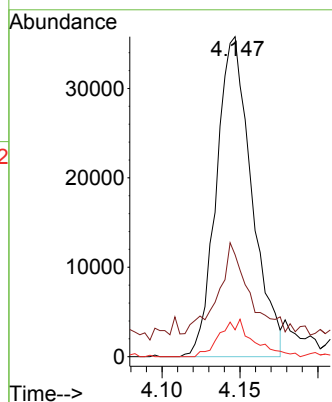
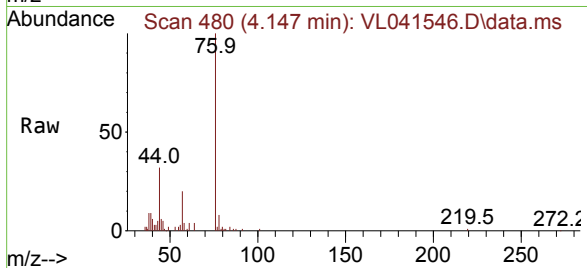
Tgt Ion: 76 Resp: 56306

Ion Ratio Lower Upper

76 100

44 28.2 15.6 23.4#

78 11.8 7.7 11.5#



#29

Chloroform

Concen: 1.065 ppbv

RT: 5.295 min Scan# 837

Delta R.T. 0.000 min

Lab File: VL041546.D

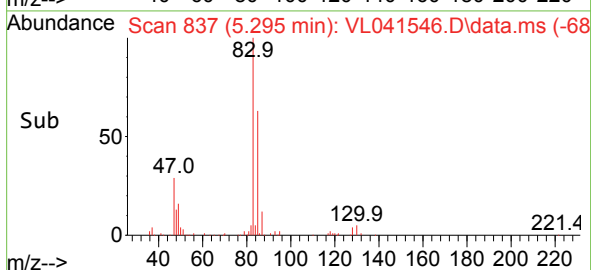
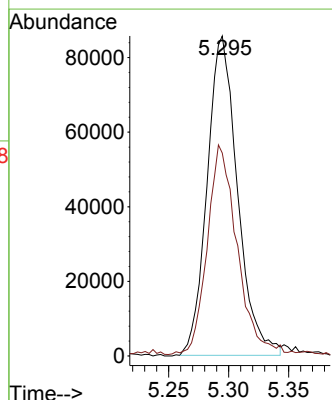
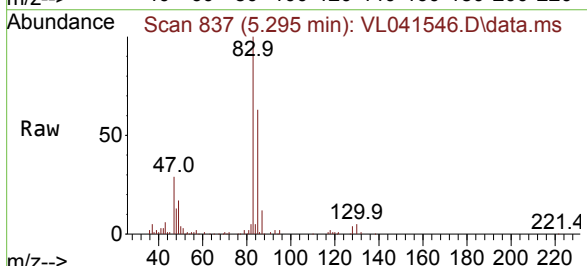
Acq: 19 Aug 2024 13:33

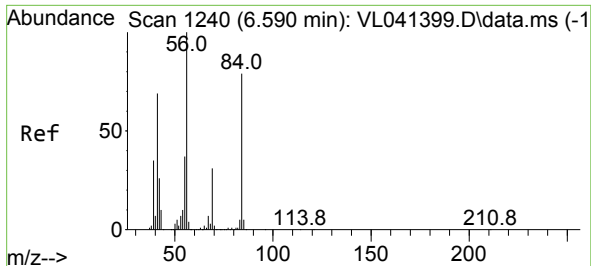
Tgt Ion: 83 Resp: 150929

Ion Ratio Lower Upper

83 100

85 62.5 53.1 79.7

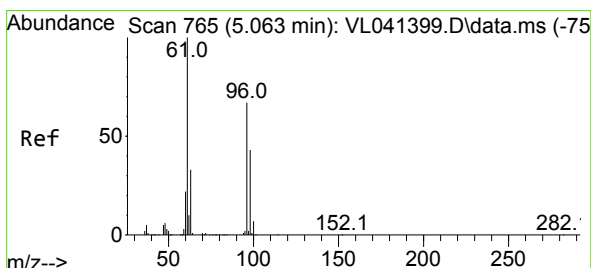
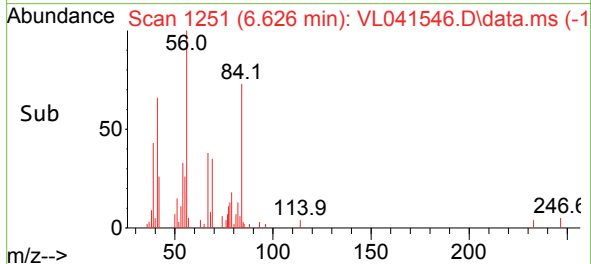
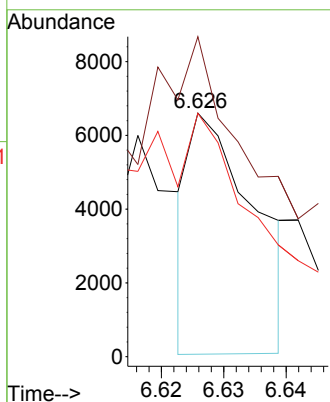
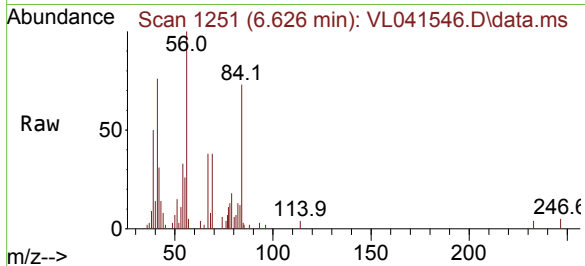




#30
Cyclohexane
Concen: 0.066 ppbv
RT: 6.626 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

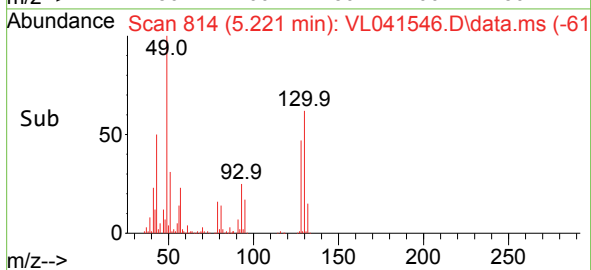
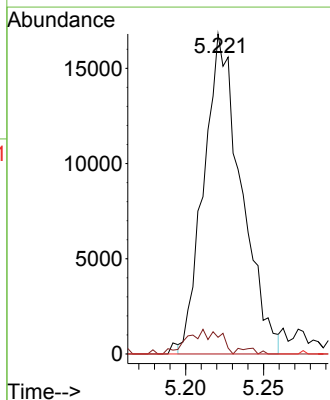
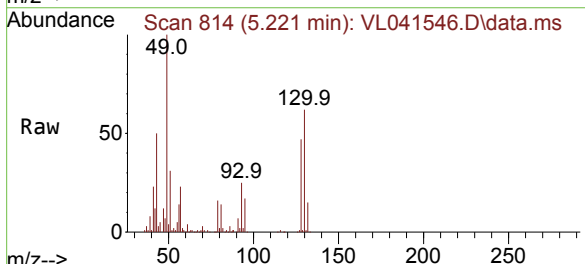
Instrument :
MSVOA_L
ClientSampleId :
IA1

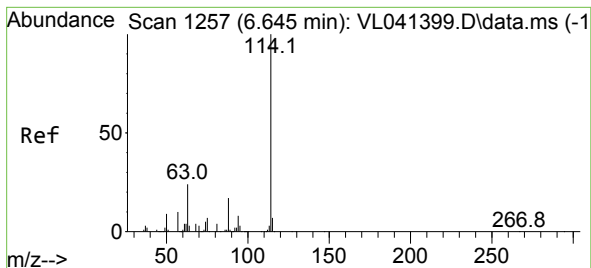
Tgt Ion: 84 Resp: 4686
Ion Ratio Lower Upper
84 100
56 359.0 111.2 166.8#
41 278.3 70.3 105.5#



#31
cis-1,2-Dichloroethene
Concen: 0.327 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.125 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 61 Resp: 28044
Ion Ratio Lower Upper
61 100
96 5.4 53.4 80.2#
98 0.0 34.4 51.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

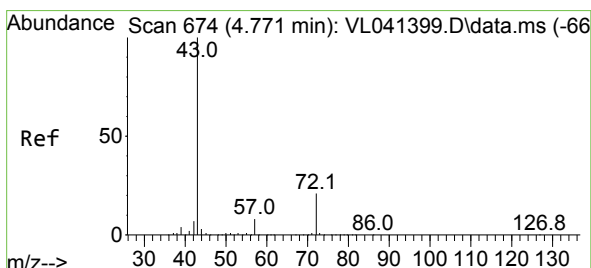
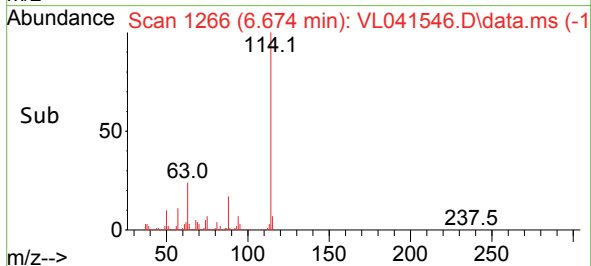
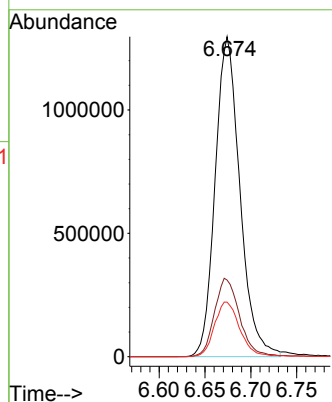
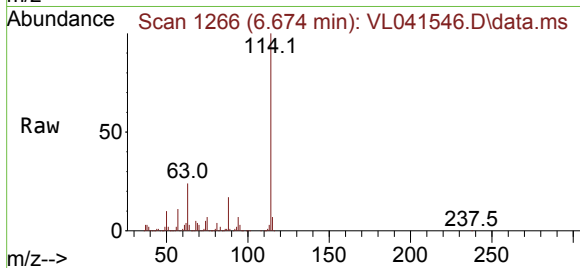
Tgt Ion:114 Resp: 2437196

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 1.017 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.006 min

Lab File: VL041546.D

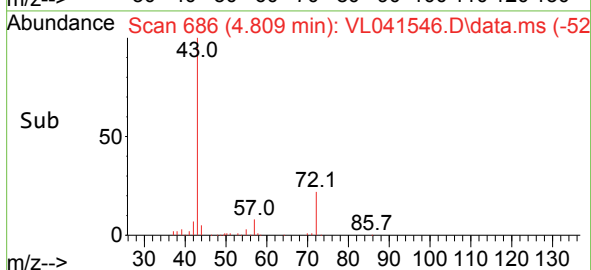
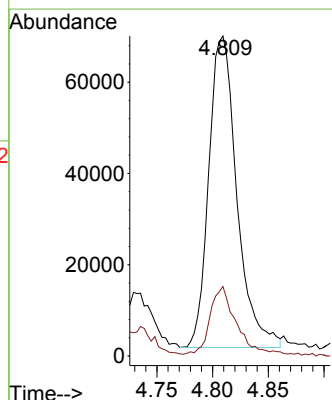
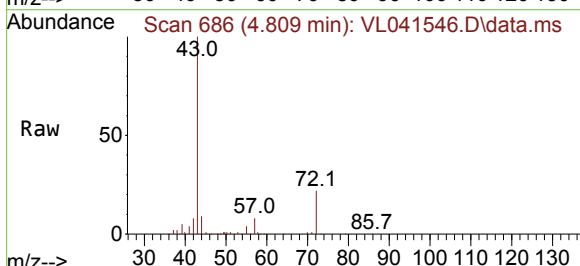
Acq: 19 Aug 2024 13:33

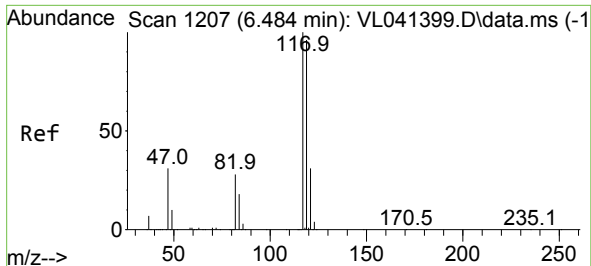
Tgt Ion: 43 Resp: 119843

Ion Ratio Lower Upper

43 100

72 22.0 17.3 25.9

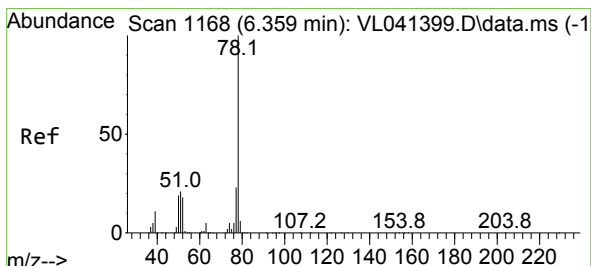
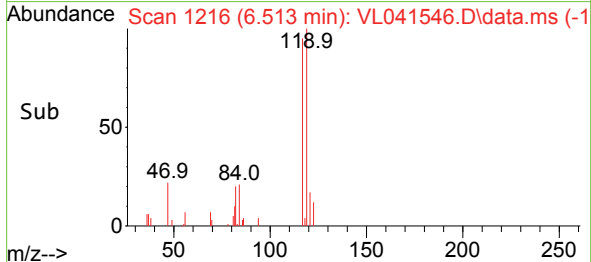
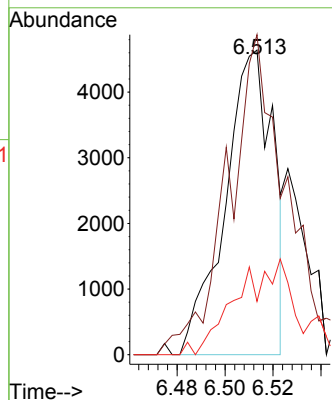
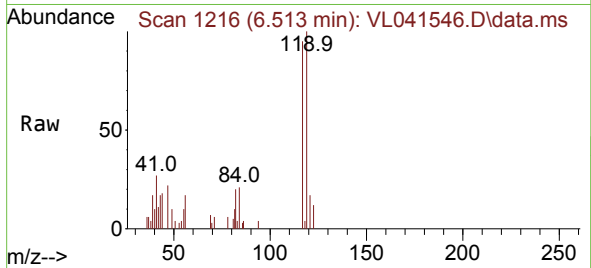




#35
Carbon Tetrachloride
Concen: 0.048 ppbv
RT: 6.513 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

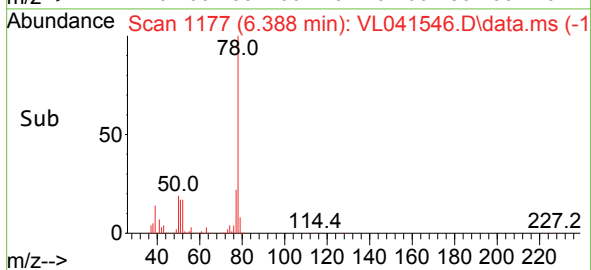
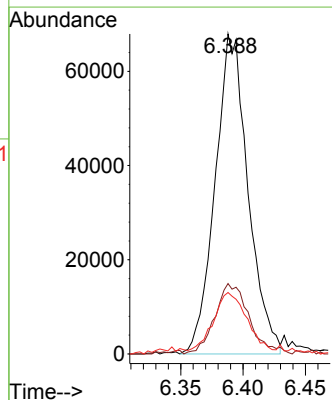
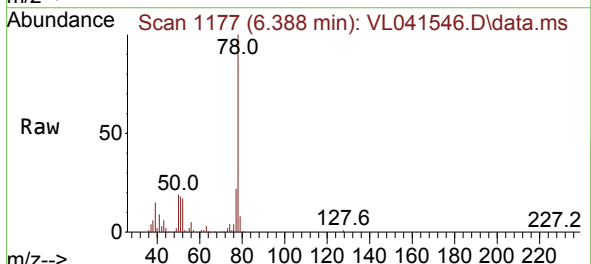
Instrument :
MSVOA_L
ClientSampleId :
IA1

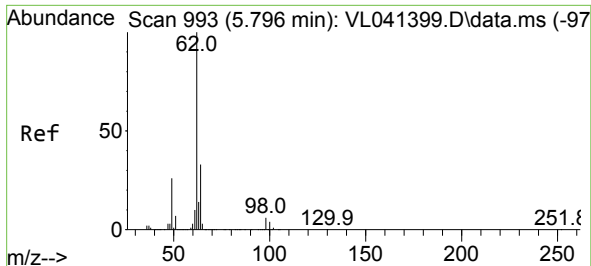
Tgt Ion:117 Resp: 6456
Ion Ratio Lower Upper
117 100
119 98.4 76.6 115.0
121 17.5 25.1 37.7#



#36
Benzene
Concen: 0.701 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 78 Resp: 124805
Ion Ratio Lower Upper
78 100
77 20.9 18.1 27.1
50 17.5 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.449 ppbv

RT: 5.828 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Instrument :

MSVOA_L

ClientSampleId :

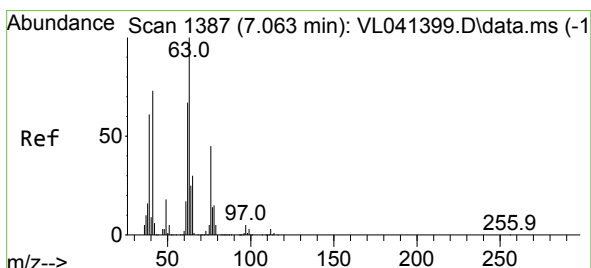
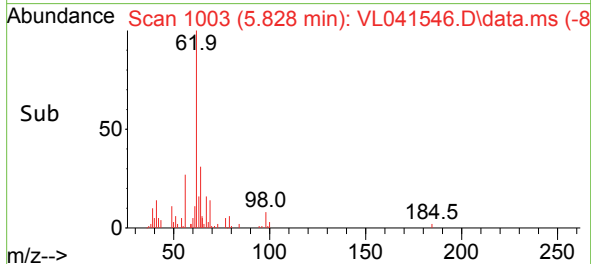
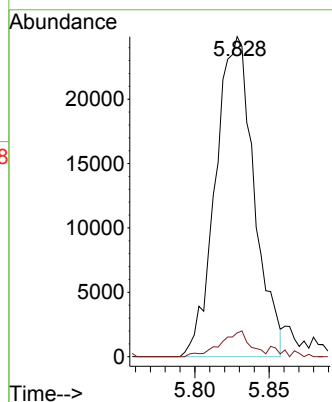
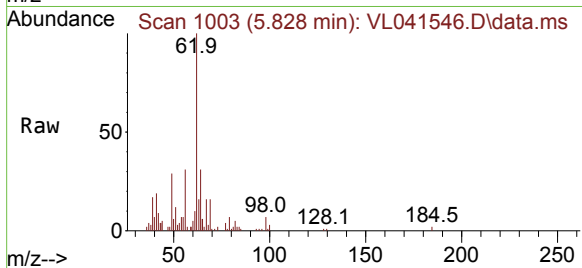
IA1

Tgt Ion: 62 Resp: 44733

Ion Ratio Lower Upper

62 100

98 6.9 5.0 7.4



#39

1,2-Dichloropropane

Concen: 8.882 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.424 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

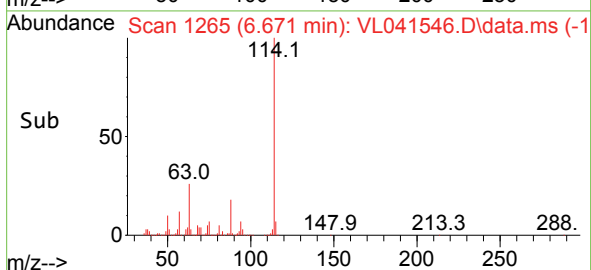
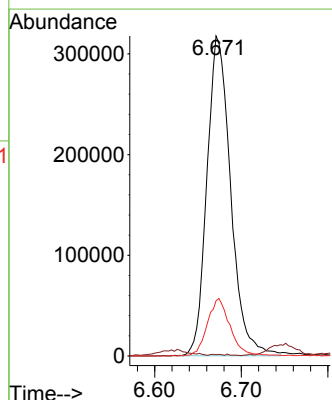
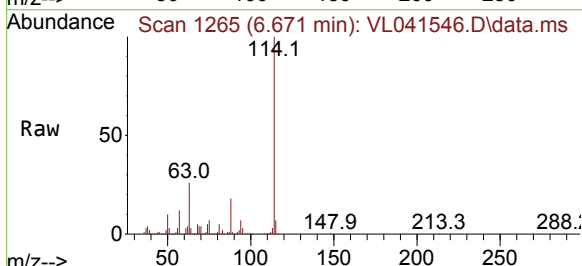
Tgt Ion: 63 Resp: 605571

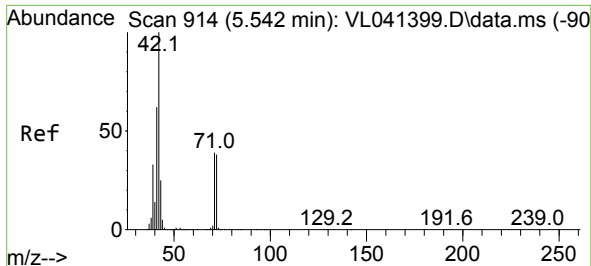
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 17.1 53.9 80.9#

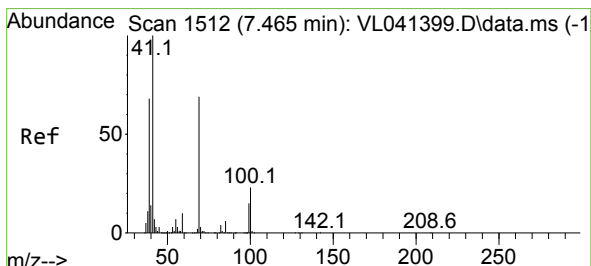
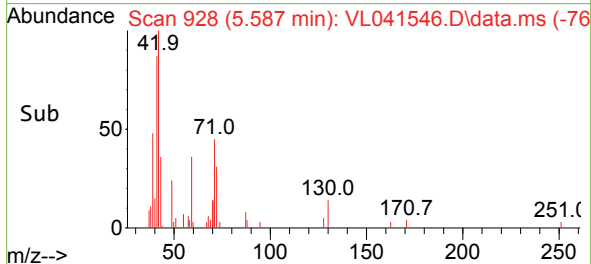
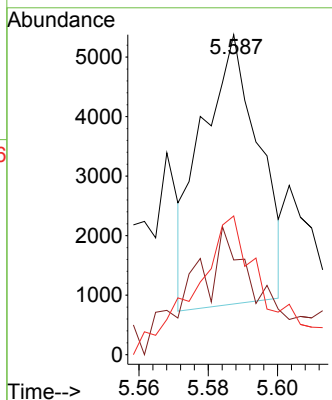
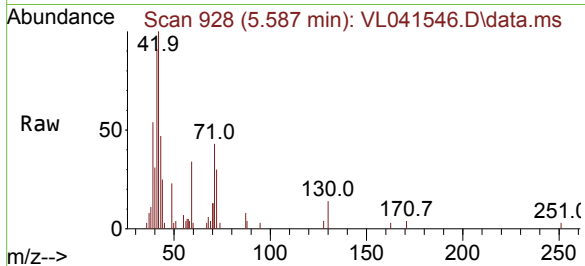




#41
Tetrahydrofuran
Concen: 0.076 ppbv
RT: 5.587 min Scan# 914
Delta R.T. 0.013 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

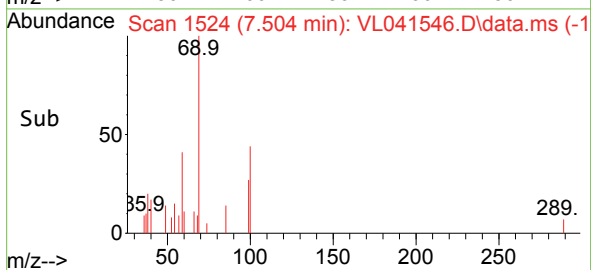
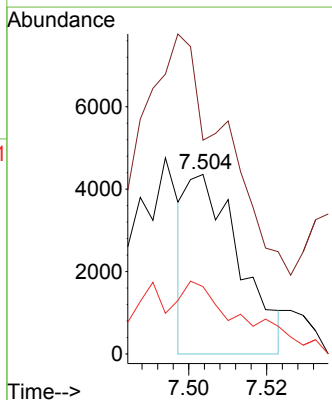
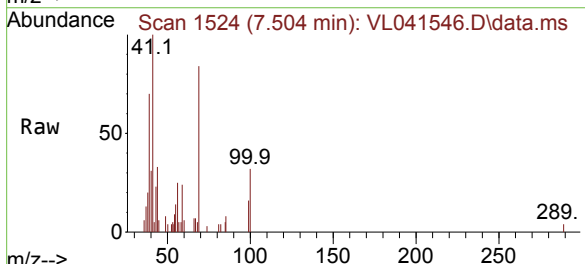
Instrument :
MSVOA_L
ClientSampleId :
IA1

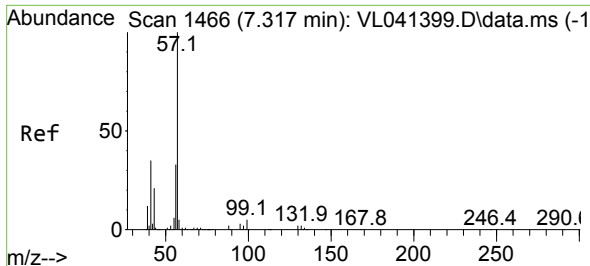
Tgt Ion: 42 Resp: 5132
Ion Ratio Lower Upper
42 100
72 73.1 31.2 46.8#
71 69.9 30.5 45.7#



#43
Methyl Methacrylate
Concen: 0.065 ppbv
RT: 7.504 min Scan# 1524
Delta R.T. 0.010 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 69 Resp: 4127
Ion Ratio Lower Upper
69 100
41 461.7 118.7 178.1#
100 85.2 27.0 40.4#

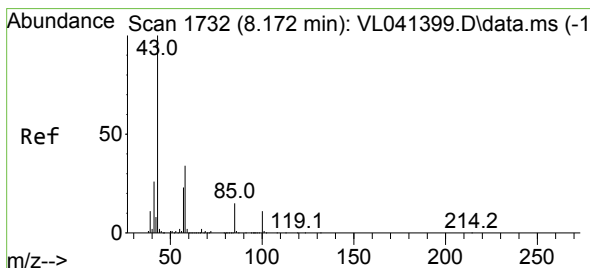
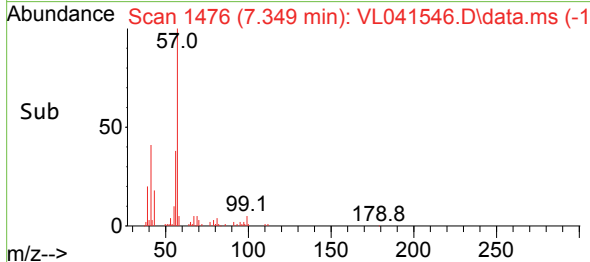
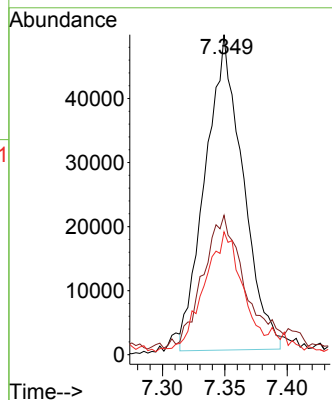
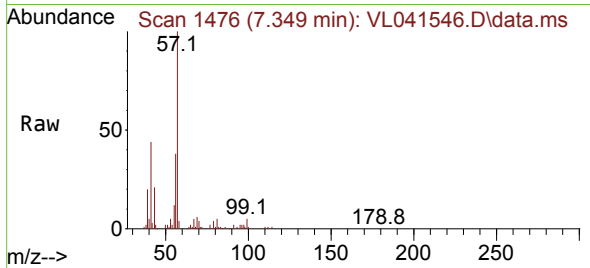




#44
2,2,4-Trimethylpentane
Concen: 0.348 ppbv
RT: 7.349 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

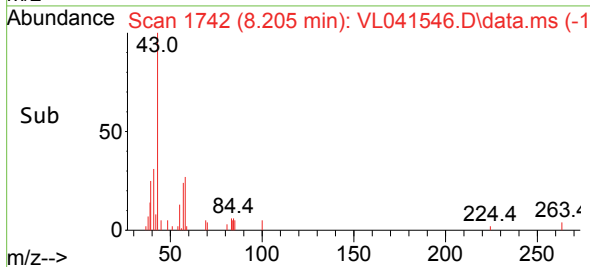
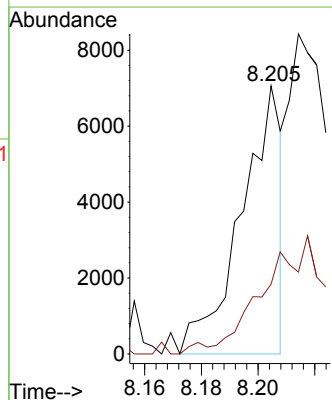
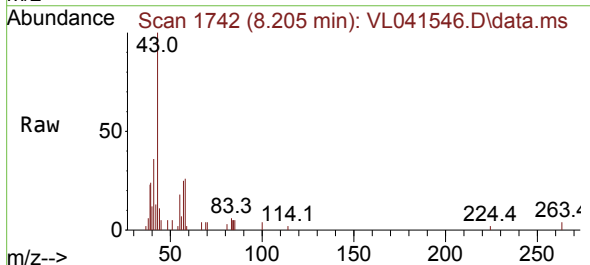
Instrument :
MSVOA_L
ClientSampleId :
IA1

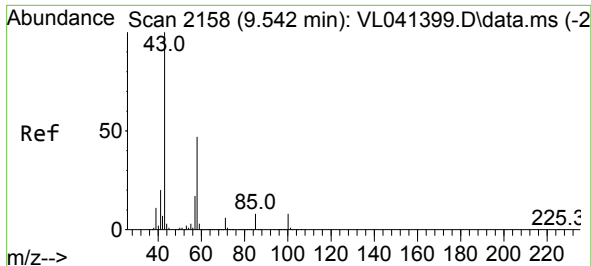
Tgt Ion: 57 Resp: 103366
Ion Ratio Lower Upper
57 100
41 55.4 27.0 40.6#
56 48.2 25.2 37.8#



#50
4-Methyl-2-Pentanone
Concen: 0.037 ppbv
RT: 8.205 min Scan# 1742
Delta R.T. 0.006 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 43 Resp: 6920
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#

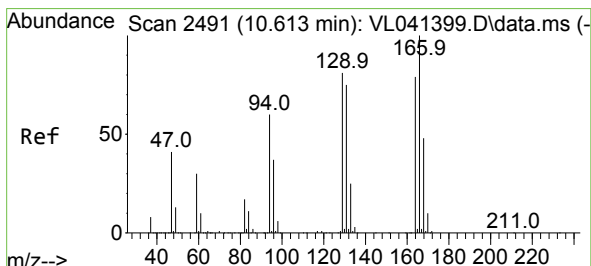
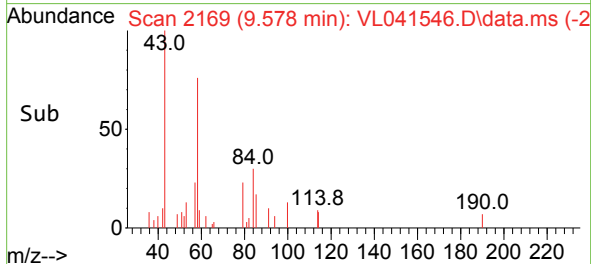
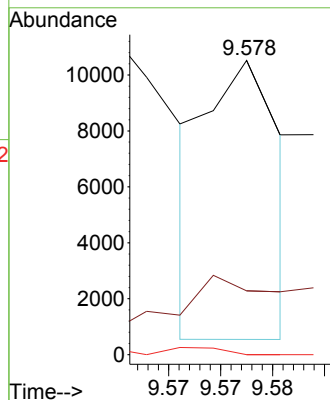
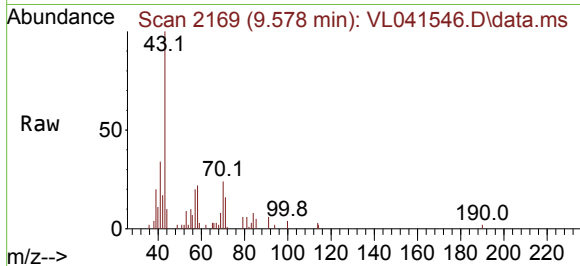




#51
2-Hexanone
Concen: 0.035 ppbv
RT: 9.578 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

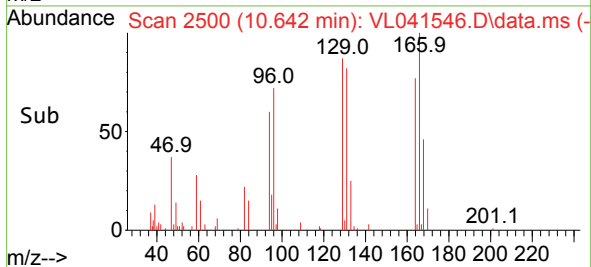
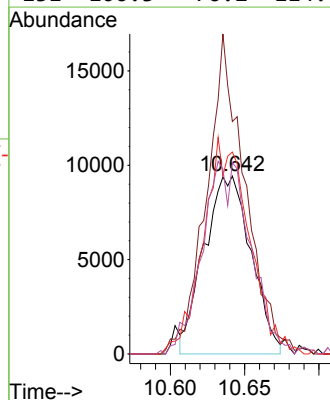
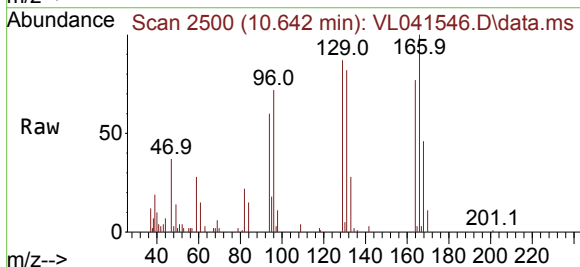
Instrument :
MSVOA_L
ClientSampleId :
IA1

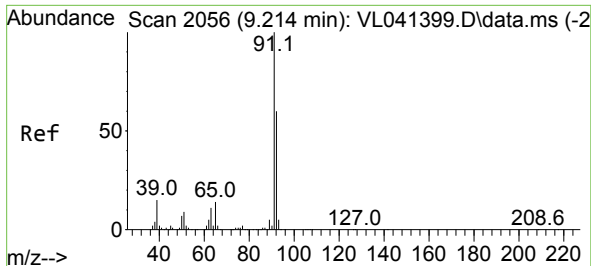
Tgt Ion: 43 Resp: 4915
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.302 ppbv
RT: 10.642 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 164 Resp: 20752
Ion Ratio Lower Upper
164 100
166 128.2 101.1 151.7
129 113.5 81.7 122.5
131 106.3 76.2 114.4

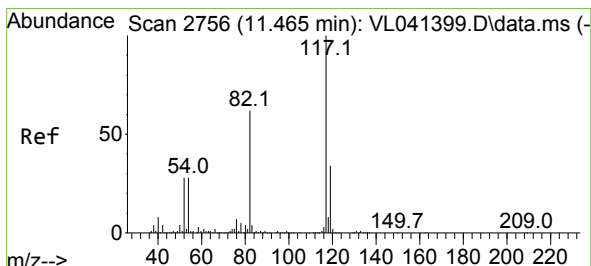
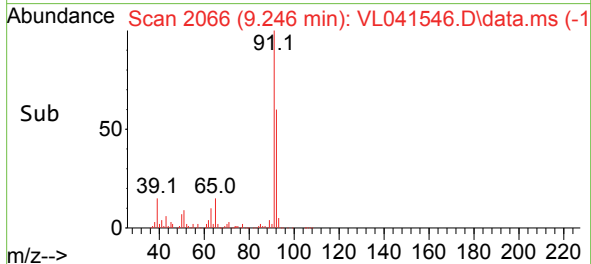
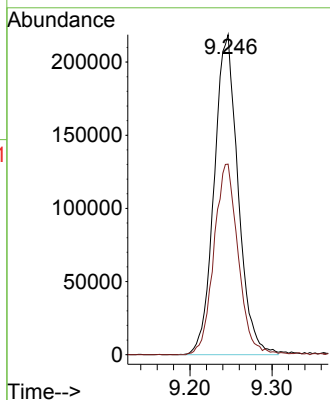
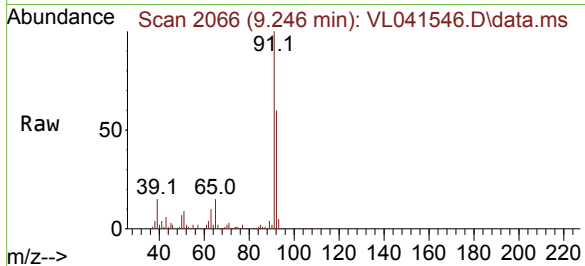




#53
Toluene
Concen: 2.239 ppbv
RT: 9.246 min Scan# 2056
Delta R.T. 0.007 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

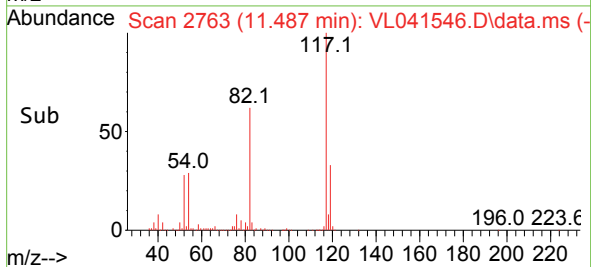
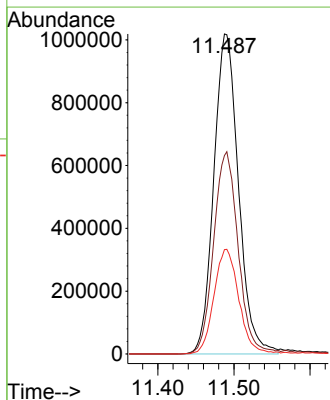
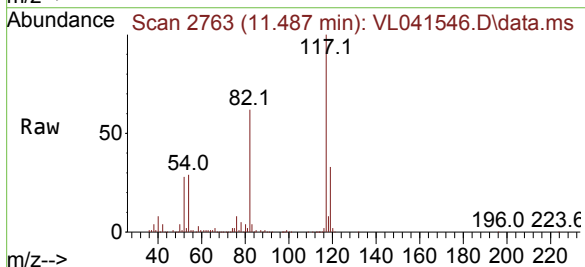
Instrument :
MSVOA_L
ClientSampleId :
IA1

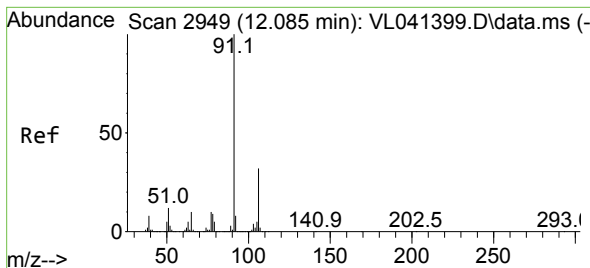
Tgt Ion: 91 Resp: 444072
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. -0.003 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 117 Resp: 2299496
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.2 45.2 67.8#





#58

Ethyl Benzene

Concen: 0.278 ppbv

RT: 12.118 min Scan# 2949

Delta R.T. 0.006 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Instrument :

MSVOA_L

ClientSampleId :

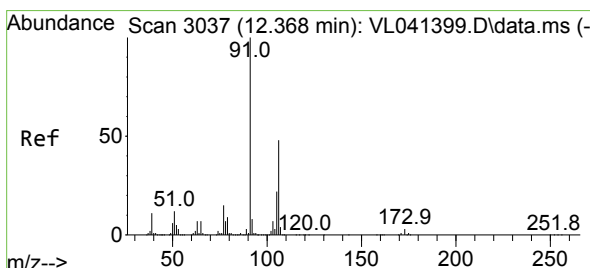
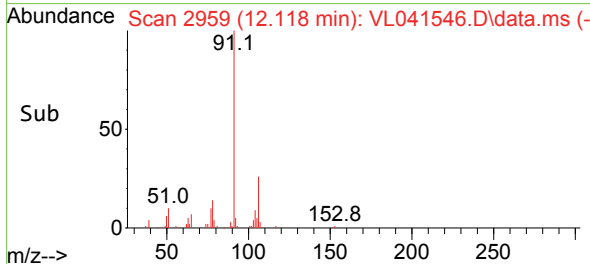
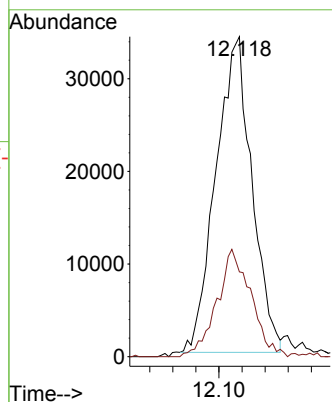
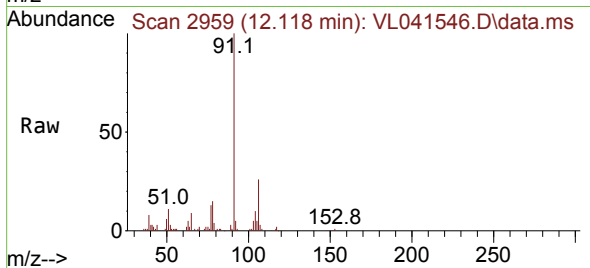
IA1

Tgt Ion: 91 Resp: 73786

Ion Ratio Lower Upper

91 100

106 26.9 25.8 38.8



#59

m/p-Xylene

Concen: 0.553 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.026 min

Lab File: VL041546.D

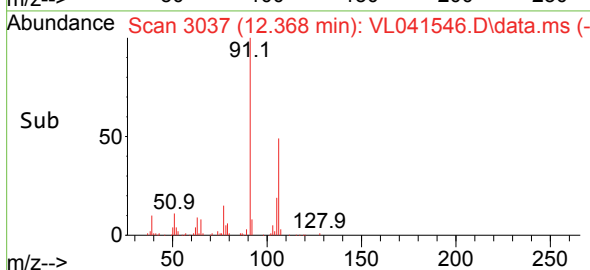
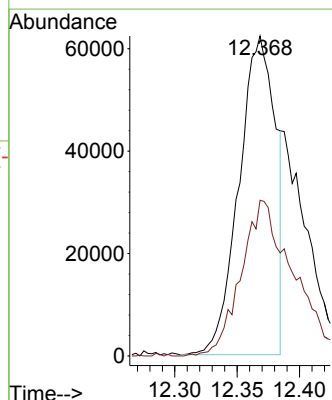
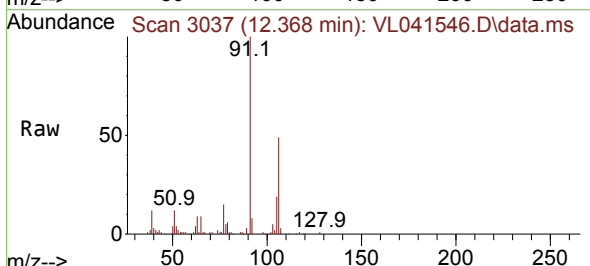
Acq: 19 Aug 2024 13:33

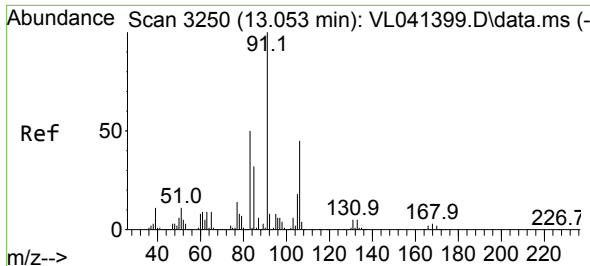
Tgt Ion: 91 Resp: 126437

Ion Ratio Lower Upper

91 100

106 70.7 36.3 54.5#

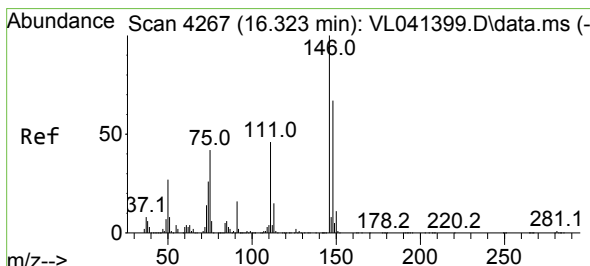
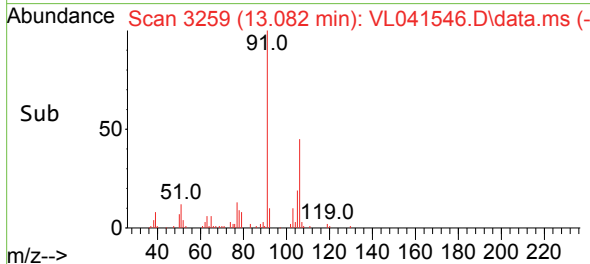
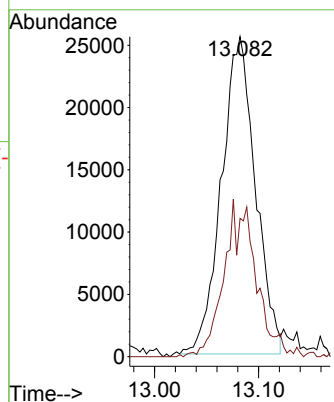
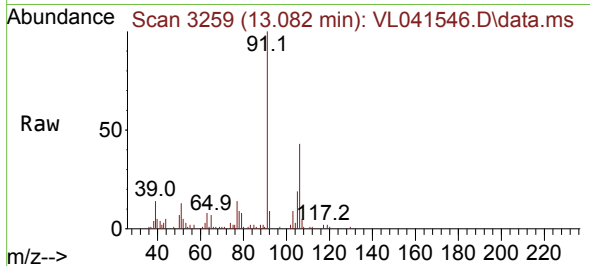




#60
o-Xylene
Concen: 0.268 ppbv
RT: 13.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

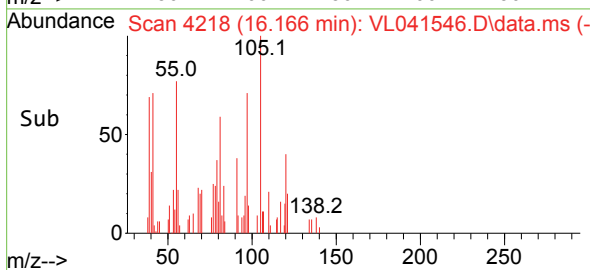
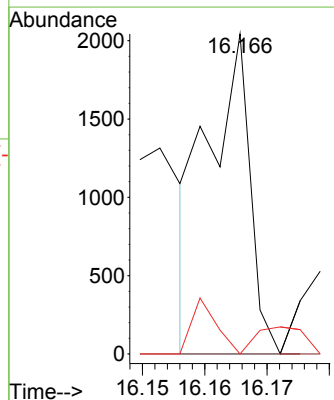
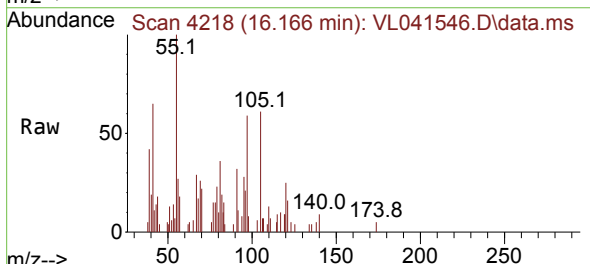
Instrument :
MSVOA_L
ClientSampleId :
IA1

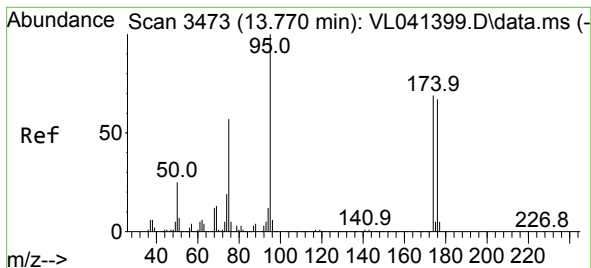
Tgt Ion: 91 Resp: 57955
Ion Ratio Lower Upper
91 100
106 46.4 23.1 69.3



#66
Benzyl Chloride
Concen: 0.050 ppbv
RT: 16.166 min Scan# 4218
Delta R.T. -0.180 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 91 Resp: 960
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.8#
128 24.1 4.4 6.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.887 ppbv

RT: 13.799 min Scan# 3473

Delta R.T. 0.000 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

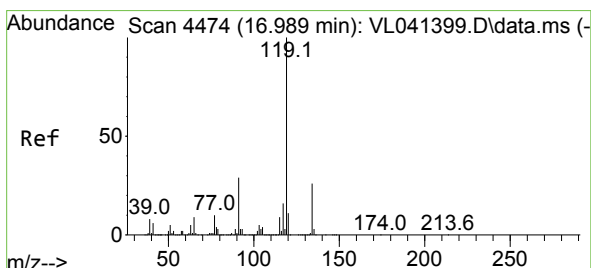
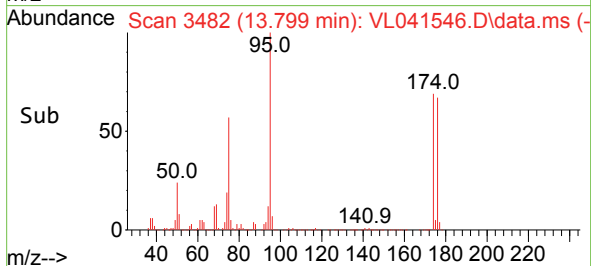
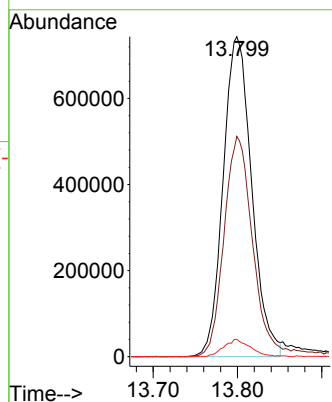
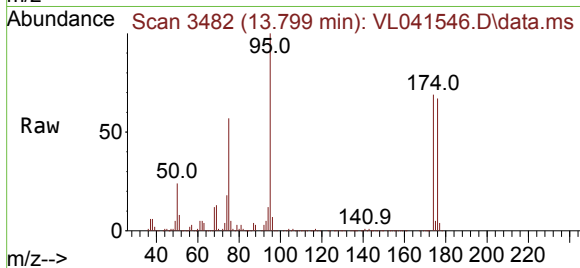
Tgt Ion: 95 Resp: 1749540

Ion Ratio Lower Upper

95 100

174 71.9 56.3 84.5

175 5.1 4.0 6.0



#69

p-Isopropyltoluene

Concen: 0.057 ppbv

RT: 17.018 min Scan# 4483

Delta R.T. 0.000 min

Lab File: VL041546.D

Acq: 19 Aug 2024 13:33

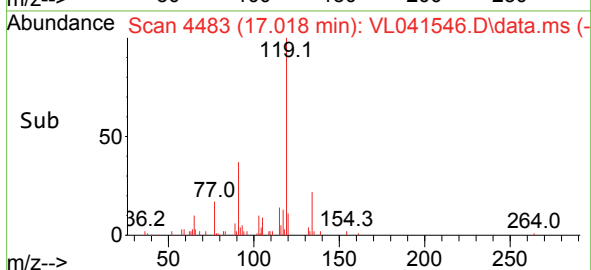
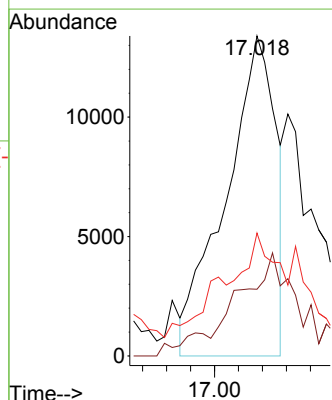
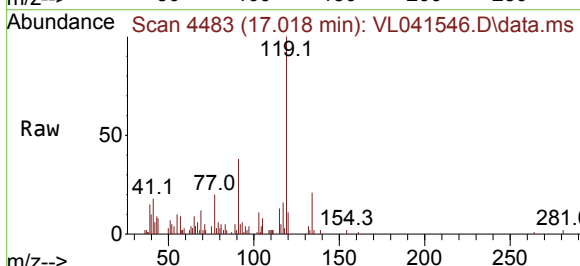
Tgt Ion: 119 Resp: 19501

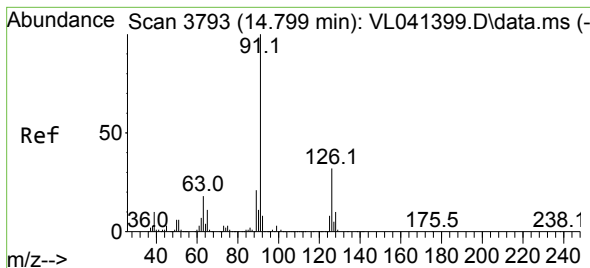
Ion Ratio Lower Upper

119 100

134 0.0 20.5 30.7#

91 63.1 23.2 34.8#

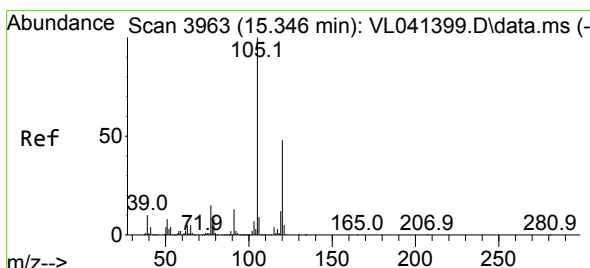
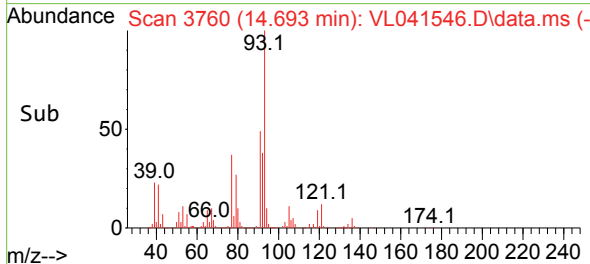
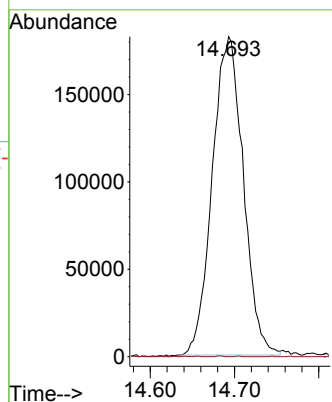
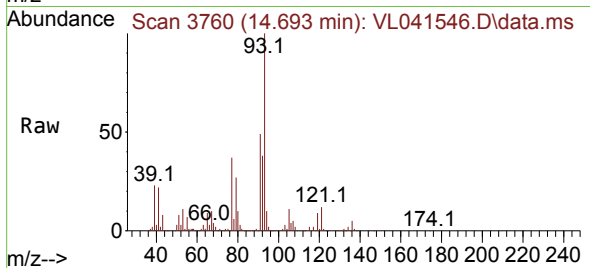




#71
2-Chlorotoluene
Concen: 1.915 ppbv
RT: 14.693 min Scan# 3793
Delta R.T. -0.129 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

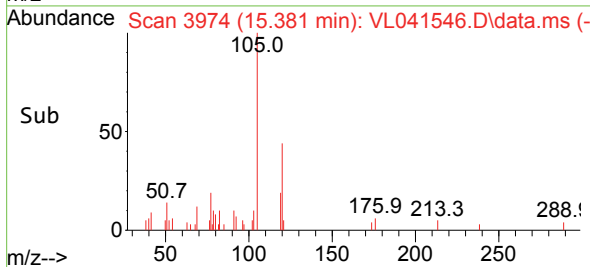
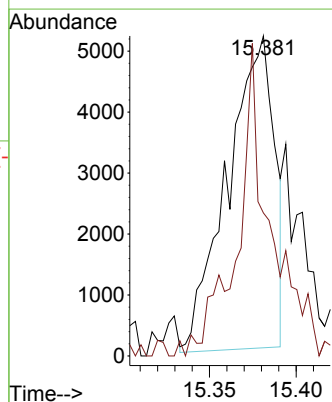
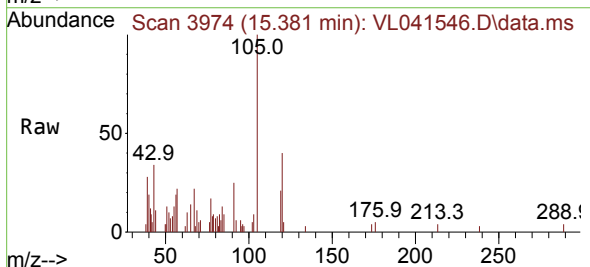
Instrument :
MSVOA_L
ClientSampleId :
IA1

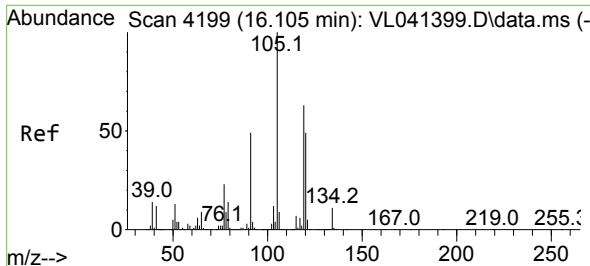
Tgt Ion: 91 Resp: 464741
Ion Ratio Lower Upper
91 100
126 0.1 12.7 50.9#



#73
1,3,5-Trimethylbenzene
Concen: 0.044 ppbv
RT: 15.381 min Scan# 3974
Delta R.T. 0.010 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion: 105 Resp: 9664
Ion Ratio Lower Upper
105 100
120 41.1 38.6 57.8

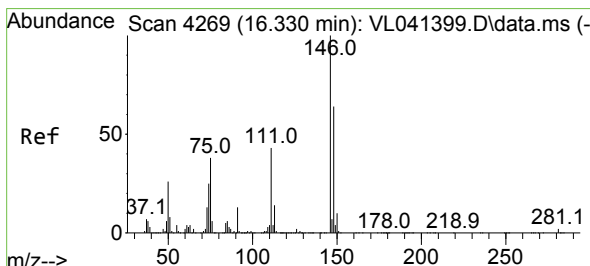
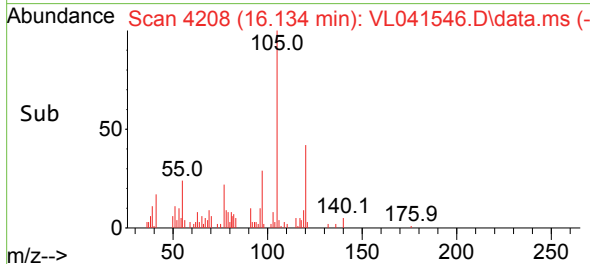
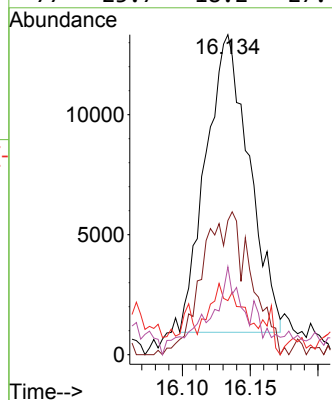
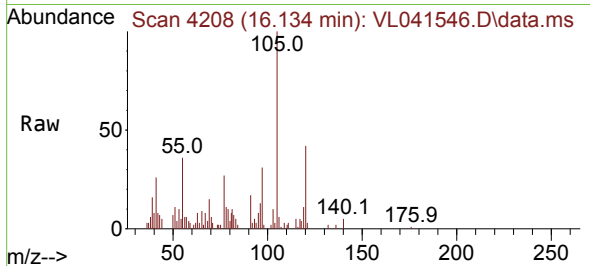




#74
1,2,4-Trimethylbenzene
Concen: 0.108 ppbv
RT: 16.134 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

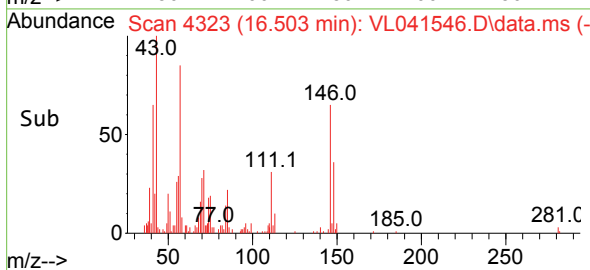
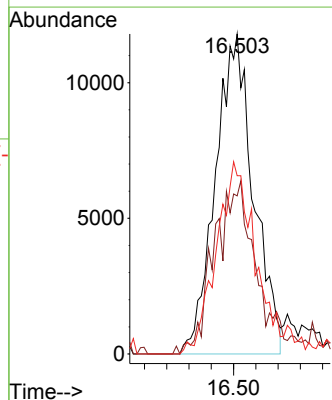
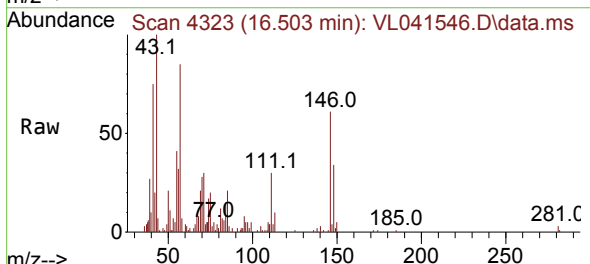
Instrument :
MSVOA_L
ClientSampleId :
IA1

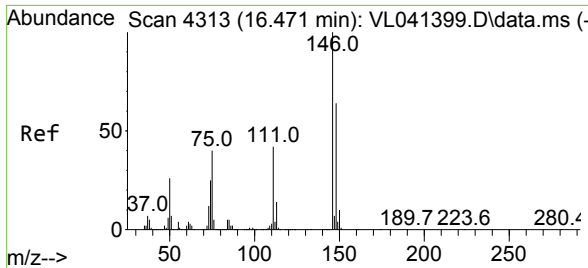
Tgt Ion:	105	Resp:	27542
Ion Ratio	Lower	Upper	
105	100		
120	43.7	39.5	59.3
91	18.2	39.8	59.8#
77	23.7	18.2	27.4



#75
1,3-Dichlorobenzene
Concen: 0.175 ppbv
RT: 16.503 min Scan# 4323
Delta R.T. 0.148 min
Lab File: VL041546.D
Acq: 19 Aug 2024 13:33

Tgt Ion:	146	Resp:	28057
Ion Ratio	Lower	Upper	
146	100		
111	64.3	22.6	67.8
148	62.8	32.3	96.8





#76
 1,4-Dichlorobenzene
 Concen: 0.181 ppbv
 RT: 16.503 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL041546.D
 Acq: 19 Aug 2024 13:33

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Tgt Ion:	146	Resp:	28057
Ion Ratio	Lower	Upper	
146	100		
111	62.7	22.4	67.0
148	64.9	33.1	99.5

