

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041269.D
 Acq On : 21 May 2024 17:33
 Operator : SY/MD
 Sample : P2533-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: May 22 05:46:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

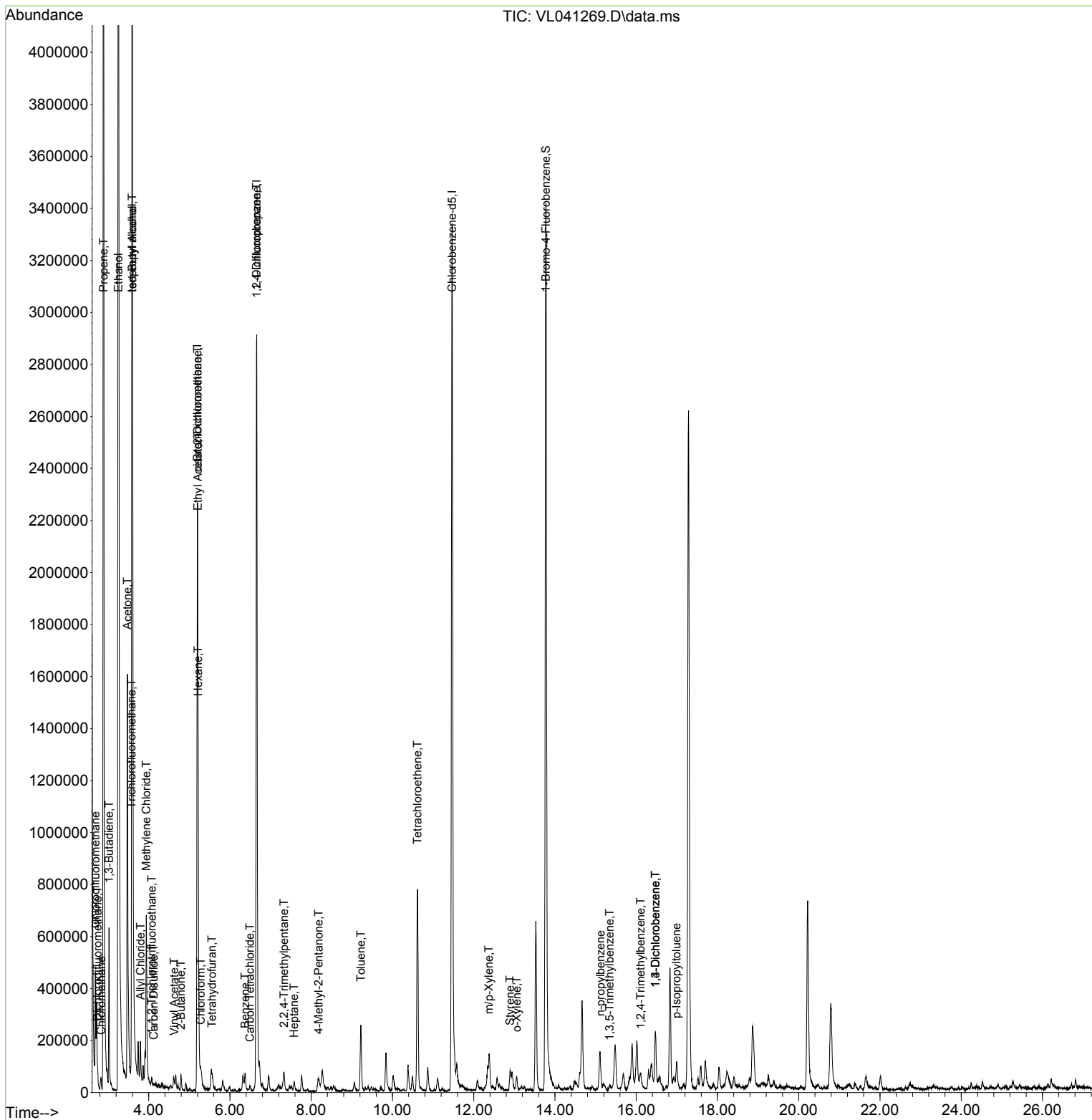
Internal Standards						
1) Bromochloromethane	5.198	49	886258	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2203521	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2187359	10.000	ppbv	0.00

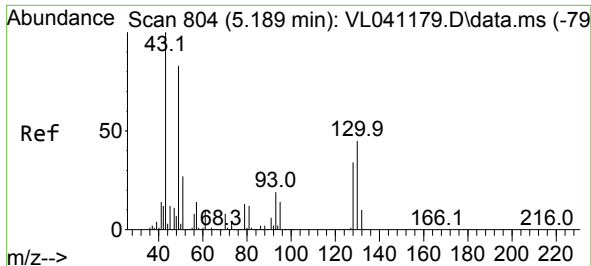
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1708013	10.343	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.742	85	35887	0.299	ppbv	96
3) Chlorodifluoromethane	2.687	51	420545	3.124	ppbv	99
4) Chloromethane	2.832	50	17912	0.339	ppbv	99
9) Propene	2.887	41	2303958	43.738	ppbv	96
10) Heptane	7.581	43	6276	0.049	ppbv #	1
11) Trichlorofluoromethane	3.575	101	29283	0.240	ppbv #	81
12) 1,1,2-Trichlorotrifluo...	4.079	101	4199	0.047	ppbv #	18
13) Ethanol	3.256	45	6742354	570.978	ppbv	100
15) Acetone	3.475	43	1548508	14.805	ppbv	99
16) 1,3-Butadiene	3.025	39	66506	1.260	ppbv #	19
17) tert-Butyl alcohol	3.594	59	212243	1.881	ppbv	98
19) Isopropyl Alcohol	3.594	45	5566104	81.098	ppbv #	43
20) Methylene Chloride	3.941	84	193090	5.309	ppbv	94
21) Allyl Chloride	3.800	41	12731	0.187	ppbv #	1
23) Vinyl Acetate	4.626	43	14306	0.124	ppbv #	68
25) Ethyl Acetate	5.208	43	716262	3.431	ppbv	97
26) Hexane	5.218	57	206228	2.214	ppbv #	55
27) Carbon Disulfide	4.128	76	4078	0.037	ppbv #	63
29) Chloroform	5.282	83	12726	0.099	ppbv	98
31) cis-1,2-Dichloroethene	5.205	61	69398	0.796	ppbv #	27
34) 2-Butanone	4.793	43	66018	0.589	ppbv	97
35) Carbon Tetrachloride	6.491	117	6194	0.050	ppbv #	84
36) Benzene	6.372	78	43383	0.235	ppbv #	89
39) 1,2-Dichloropropane	6.655	63	561257	7.876	ppbv #	24
41) Tetrahydrofuran	5.555	42	4771	0.059	ppbv #	38
44) 2,2,4-Trimethylpentane	7.333	57	28176	0.088	ppbv #	2
50) 4-Methyl-2-Pentanone	8.182	43	8711	0.043	ppbv #	40
52) Tetrachloroethene	10.616	164	191863	2.952	ppbv	95
53) Toluene	9.224	91	163027	0.760	ppbv	100
59) m/p-Xylene	12.372	91	23033	0.091	ppbv #	31
60) o-Xylene	13.057	91	23992	0.102	ppbv #	55
61) Styrene	12.896	104	22644	0.181	ppbv #	33
64) n-propylbenzene	15.121	120	5424	0.062	ppbv	96
69) p-Isopropyltoluene	16.992	119	74463	0.203	ppbv	95
73) 1,3,5-Trimethylbenzene	15.346	105	7843	0.032	ppbv	94
74) 1,2,4-Trimethylbenzene	16.105	105	38203	0.144	ppbv #	65
75) 1,3-Dichlorobenzene	16.474	146	37249	0.246	ppbv	96
76) 1,4-Dichlorobenzene	16.474	146	37249	0.255	ppbv	97

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

Quant Time: May 22 05:46:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed May 22 05:39:49 2024
Response via : Initial Calibration

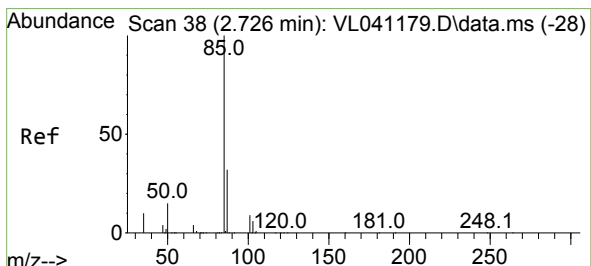
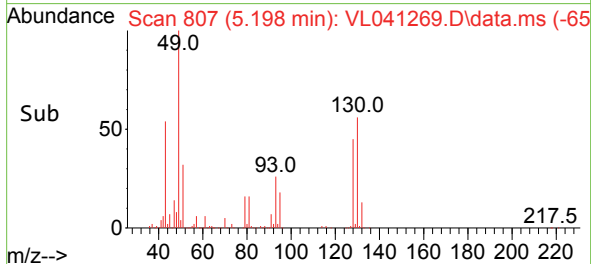
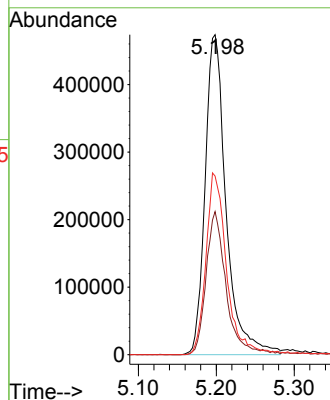
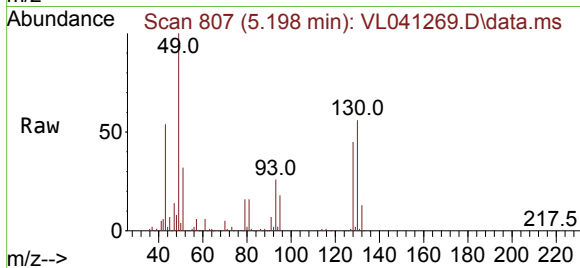




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.198 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

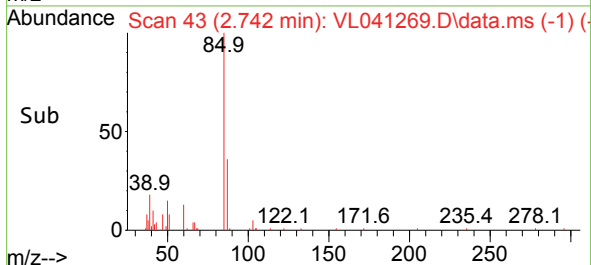
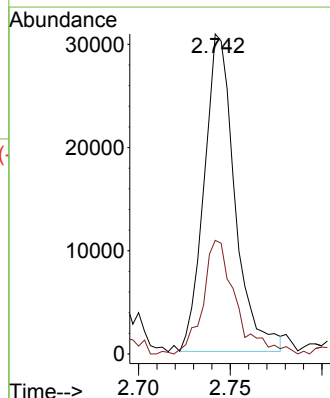
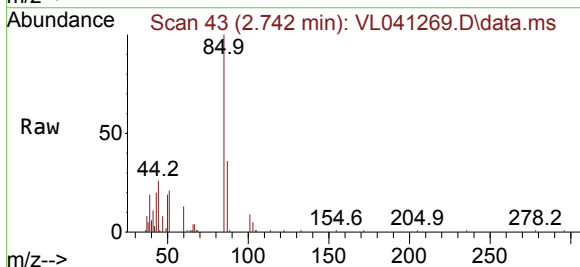
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

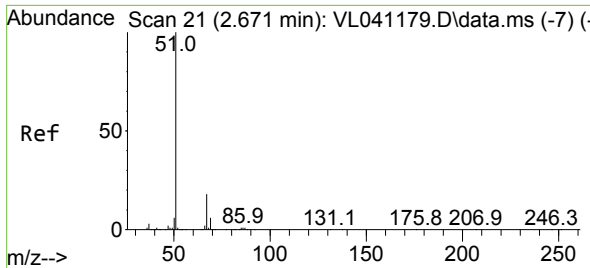
Tgt Ion: 49 Resp: 886258
 Ion Ratio Lower Upper
 49 100
 128 43.8 21.5 64.5
 130 57.0 27.2 81.6



#2
 Dichlorodifluoromethane
 Concen: 0.299 ppbv
 RT: 2.742 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

Tgt Ion: 85 Resp: 35887
 Ion Ratio Lower Upper
 85 100
 87 34.4 25.7 38.5

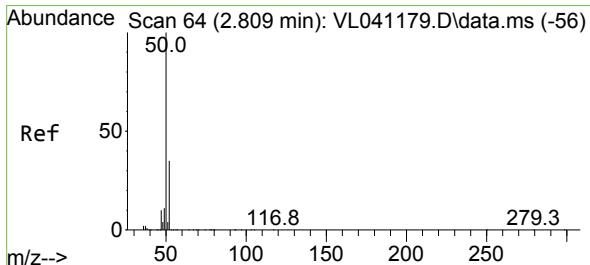
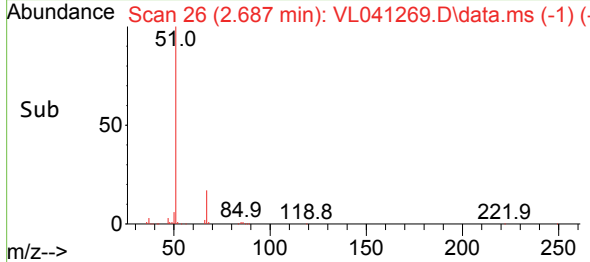
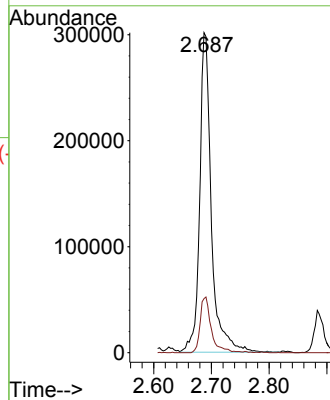
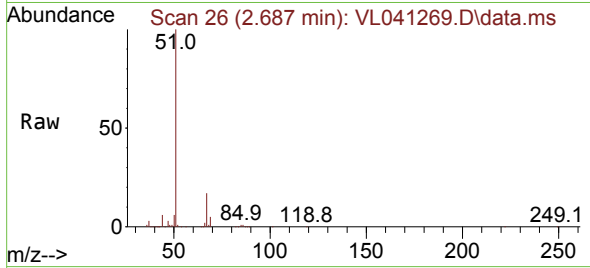




#3
Chlorodifluoromethane
Concen: 3.124 ppbv
RT: 2.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

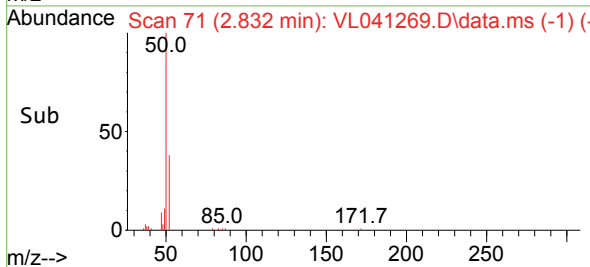
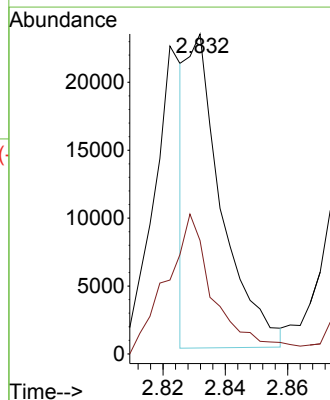
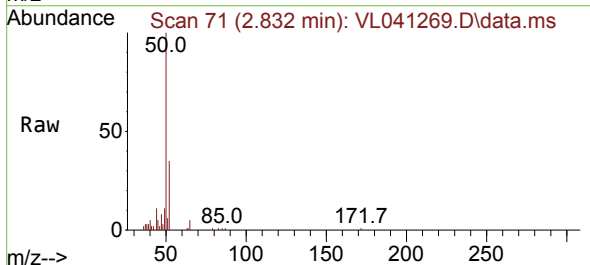
Instrument :
MSVOA_L
ClientSampleId :
IA1

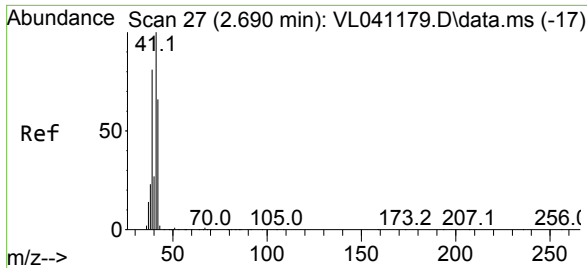
Tgt Ion: 51 Resp: 420545
Ion Ratio Lower Upper
51 100
67 17.0 14.0 21.0



#4
Chloromethane
Concen: 0.339 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 50 Resp: 17912
Ion Ratio Lower Upper
50 100
52 34.7 28.3 42.5

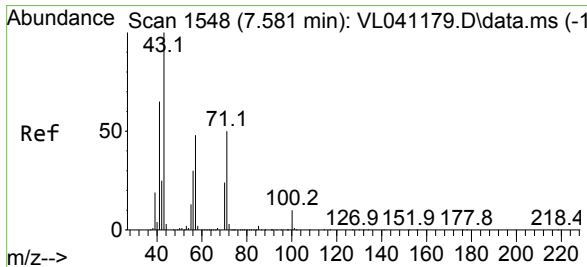
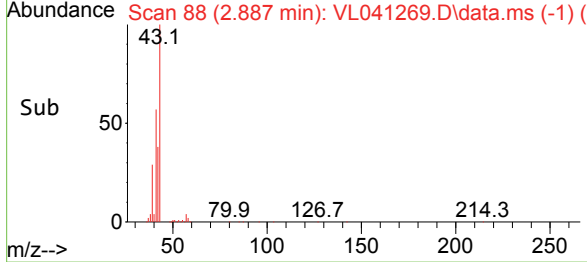
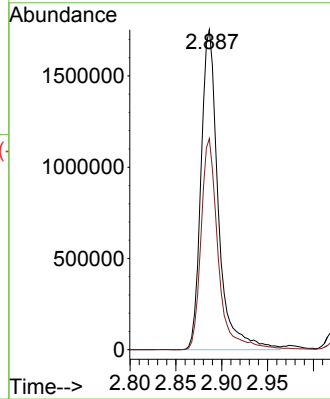
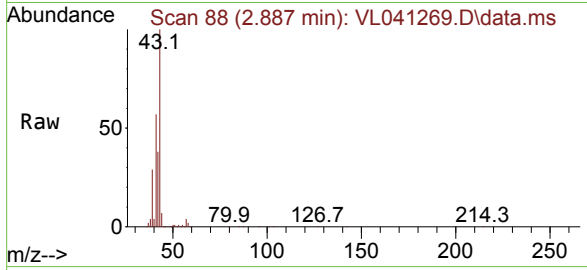




#9
 Propene
 Concen: 43.738 ppbv
 RT: 2.887 min Scan# 81
 Delta R.T. 0.174 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

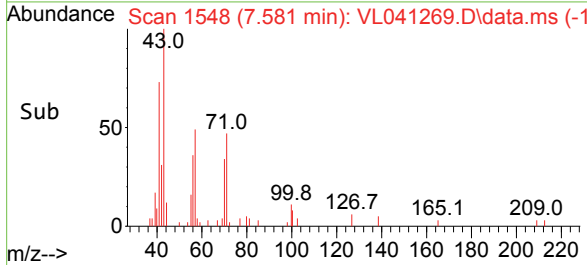
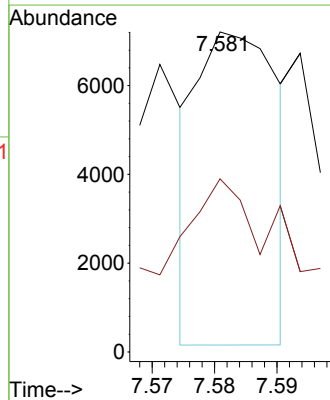
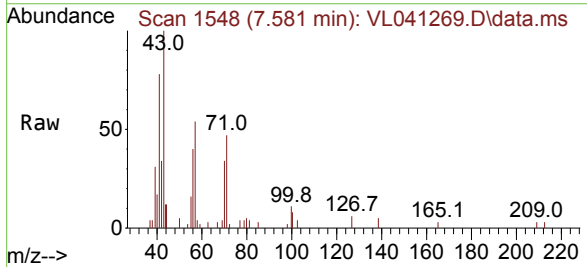
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

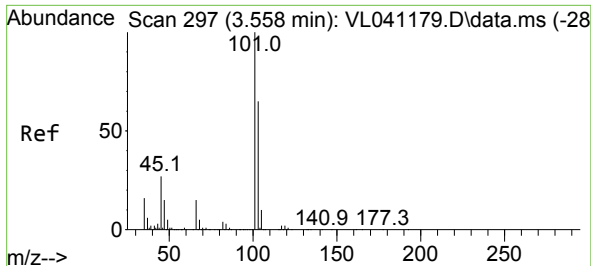
Tgt Ion: 41 Resp: 2303958
 Ion Ratio Lower Upper
 41 100
 42 65.5 55.3 82.9



#10
 Heptane
 Concen: 0.049 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.003 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

Tgt Ion: 43 Resp: 6276
 Ion Ratio Lower Upper
 43 100
 57 124.8 38.7 58.1#

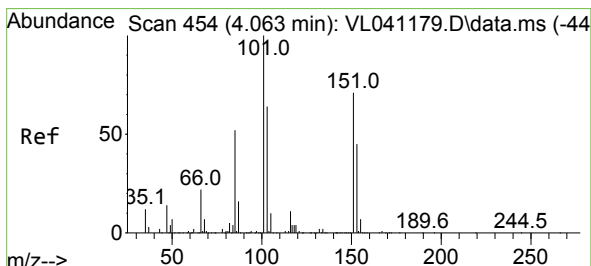
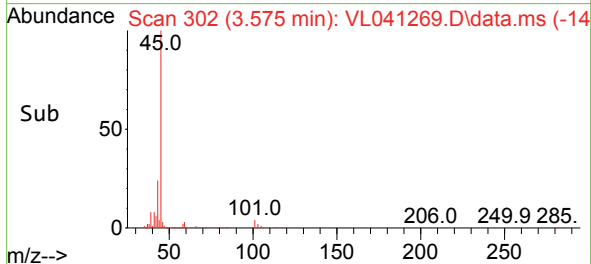
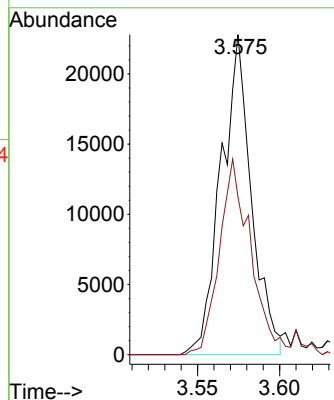
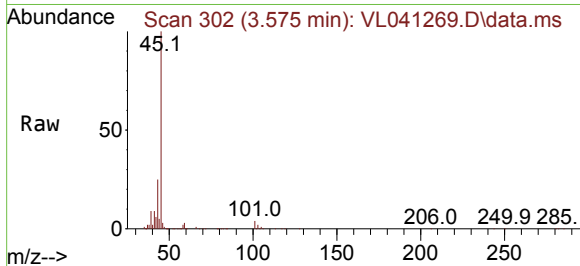




#11
 Trichlorofluoromethane
 Concen: 0.240 ppbv
 RT: 3.575 min Scan# 302
 Delta R.T. 0.000 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

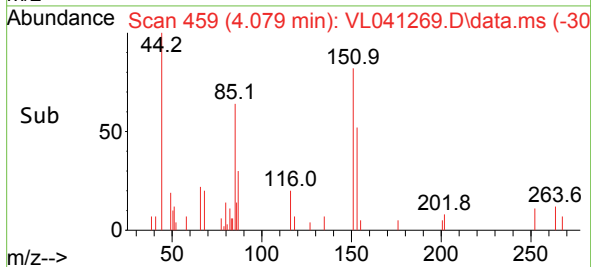
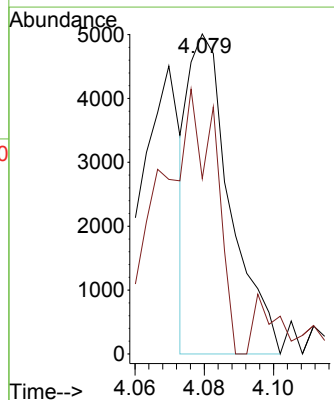
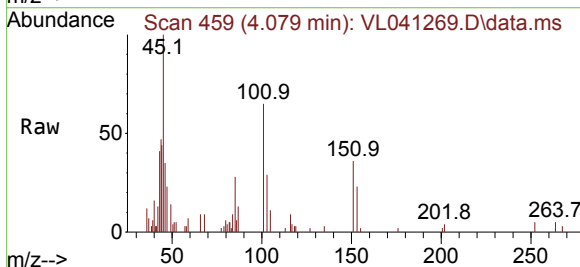
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

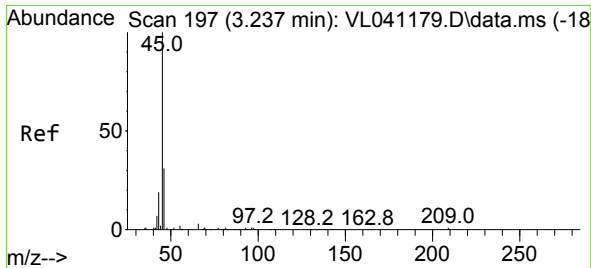
Tgt Ion:101 Resp: 29283
 Ion Ratio Lower Upper
 101 100
 103 49.3 51.6 77.4#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.047 ppbv
 RT: 4.079 min Scan# 459
 Delta R.T. 0.003 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

Tgt Ion:101 Resp: 4199
 Ion Ratio Lower Upper
 101 100
 151 138.6 56.8 85.2#

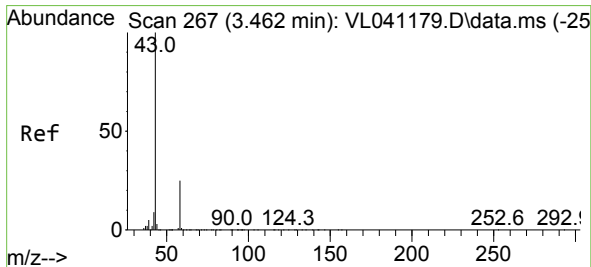
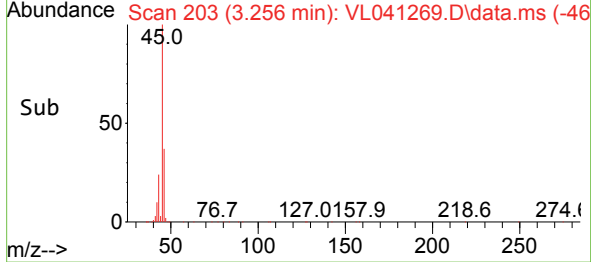
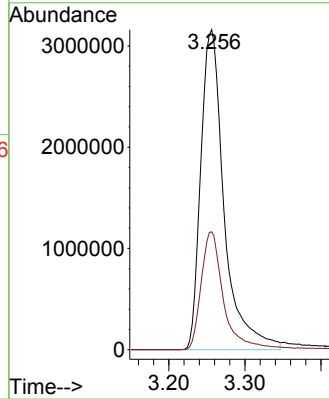
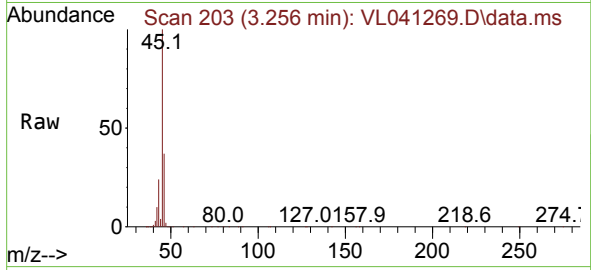




#13
 Ethanol
 Concen: 570.978 ppbv
 RT: 3.256 min Scan# 203
 Delta R.T. 0.003 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

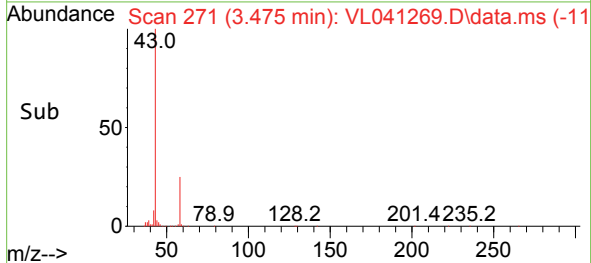
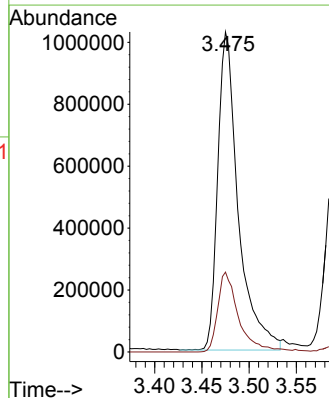
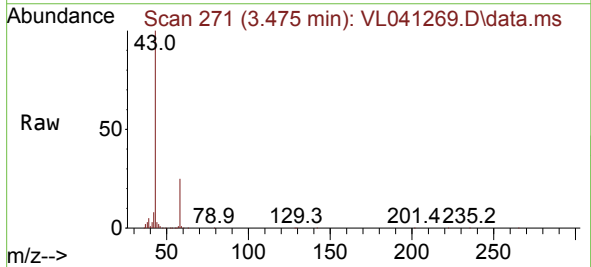
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

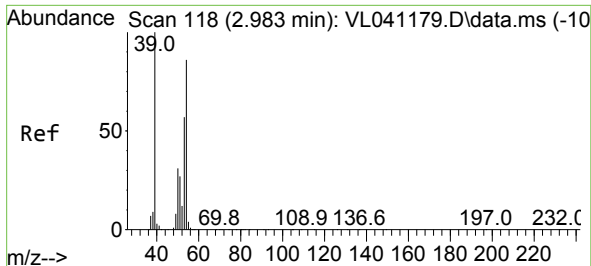
Tgt Ion: 45 Resp: 6742354
 Ion Ratio Lower Upper
 45 100
 46 36.6 14.8 59.0



#15
 Acetone
 Concen: 14.805 ppbv
 RT: 3.475 min Scan# 271
 Delta R.T. -0.006 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

Tgt Ion: 43 Resp: 1548508
 Ion Ratio Lower Upper
 43 100
 58 26.0 21.4 32.0

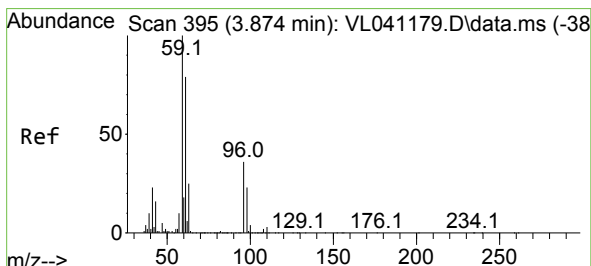
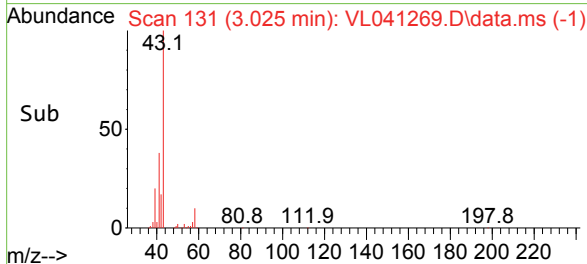
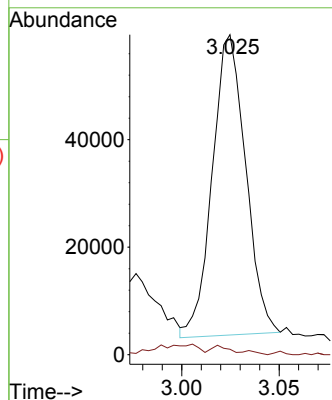
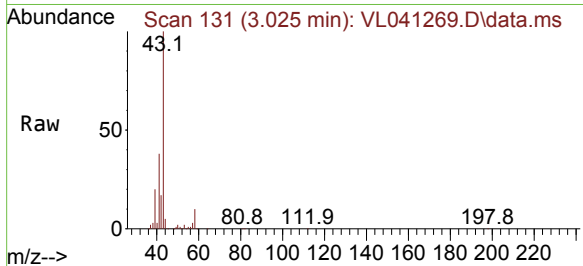




#16
1,3-Butadiene
Concen: 1.260 ppbv
RT: 3.025 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

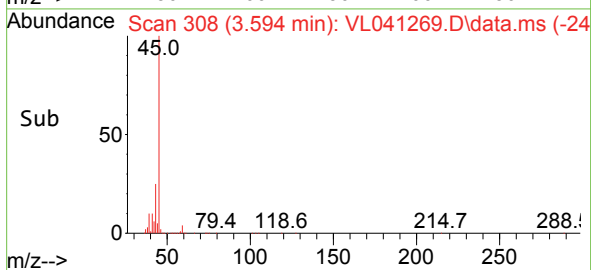
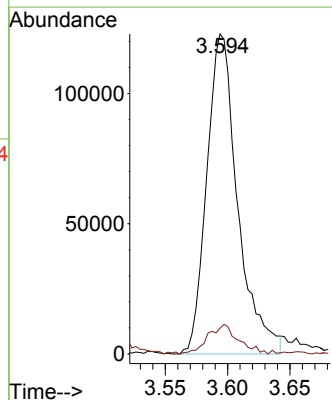
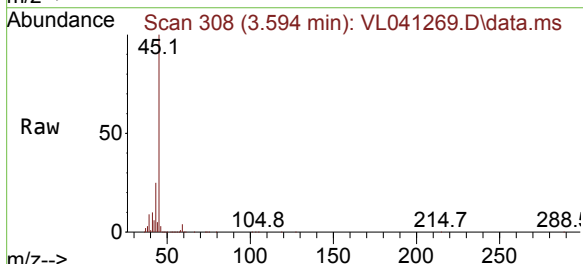
Instrument :
MSVOA_L
ClientSampleId :
IA1

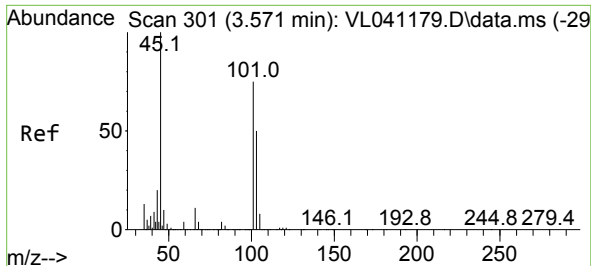
Tgt Ion: 39 Resp: 66506
Ion Ratio Lower Upper
39 100
54 7.4 62.2 93.4#



#17
tert-Butyl alcohol
Concen: 1.881 ppbv
RT: 3.594 min Scan# 308
Delta R.T. -0.293 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 59 Resp: 212243
Ion Ratio Lower Upper
59 100
57 9.8 8.4 12.6

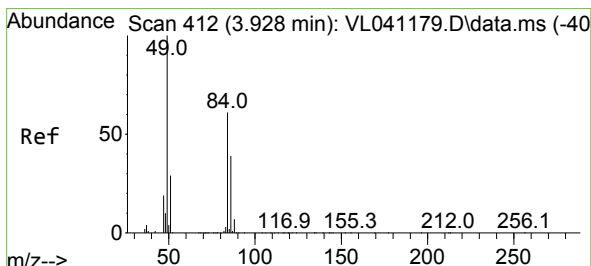
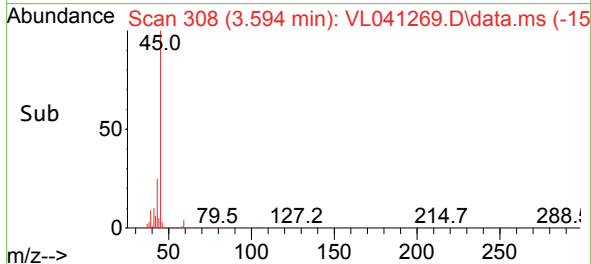
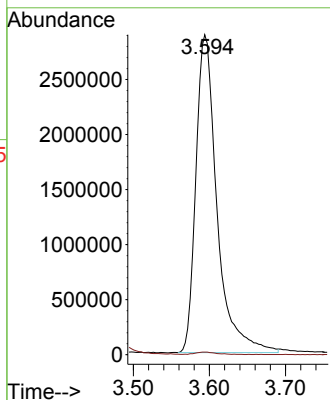
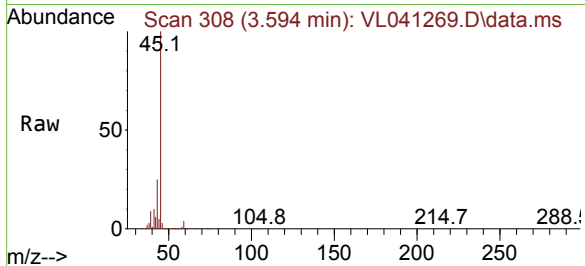




#19
Isopropyl Alcohol
Concen: 81.098 ppbv
RT: 3.594 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

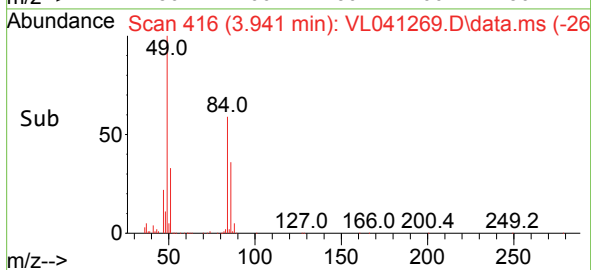
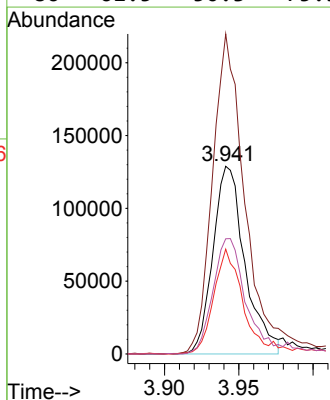
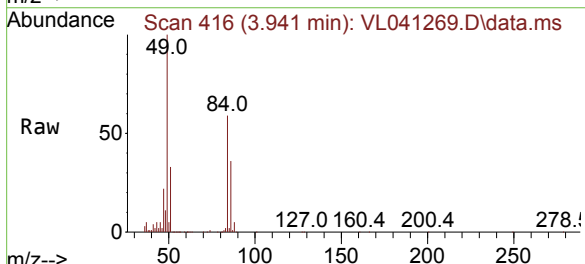
Instrument :
MSVOA_L
ClientSampleId :
IA1

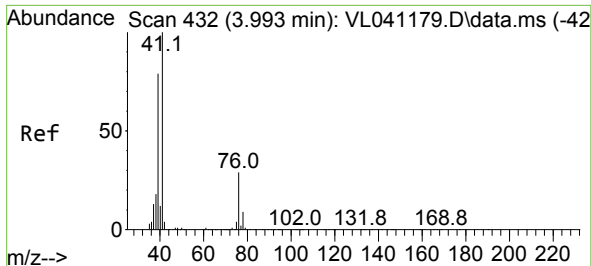
Tgt Ion: 45 Resp: 5566104
Ion Ratio Lower Upper
45 100
58 1.0 26.8 40.2#



#20
Methylene Chloride
Concen: 5.309 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.003 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 84 Resp: 193090
Ion Ratio Lower Upper
84 100
49 170.5 130.4 195.6
51 55.6 38.0 57.0
86 61.5 50.3 75.5





#21

Allyl Chloride

Concen: 0.187 ppbv

RT: 3.800 min Scan# 31

Delta R.T. -0.209 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

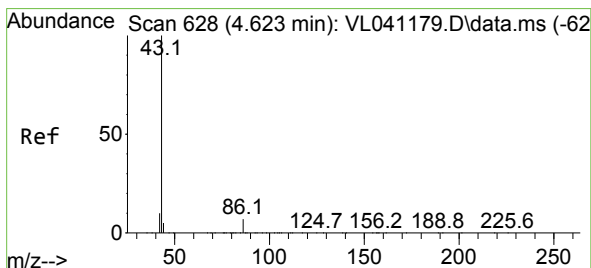
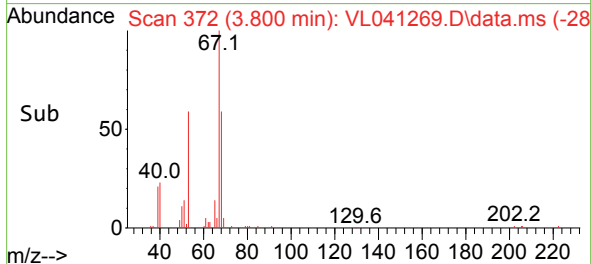
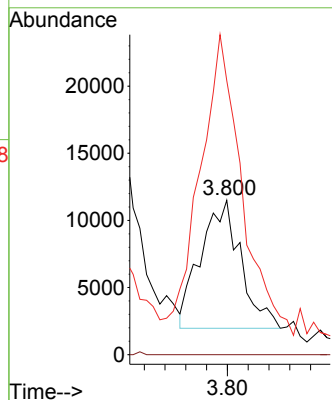
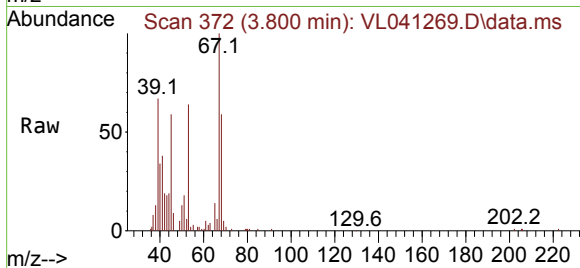
Tgt Ion: 41 Resp: 12731

Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 282.1 64.7 97.1#



#23

Vinyl Acetate

Concen: 0.124 ppbv

RT: 4.626 min Scan# 629

Delta R.T. -0.010 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Tgt Ion: 43 Resp: 14306

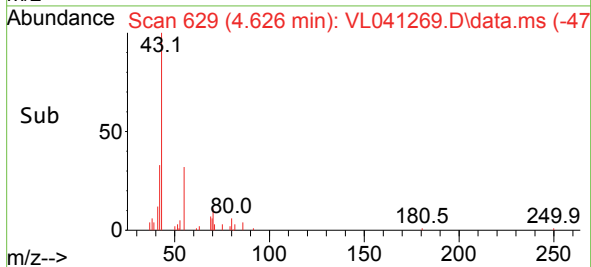
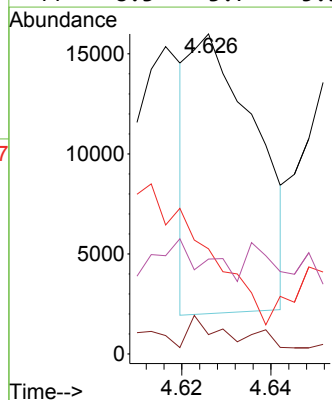
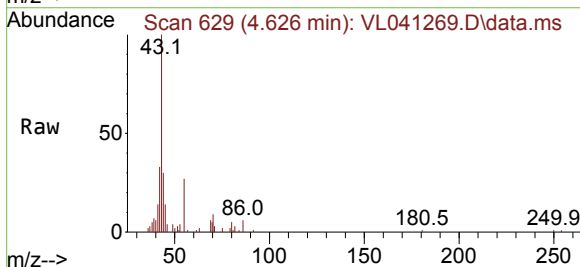
Ion Ratio Lower Upper

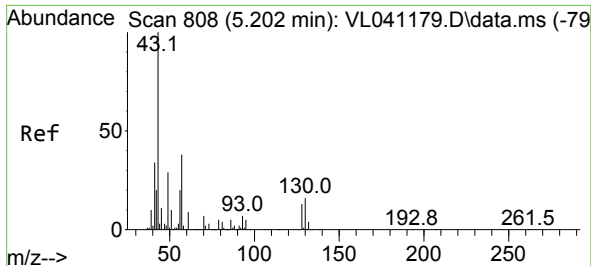
43 100

86 8.5 4.9 7.3#

42 31.4 8.0 12.0#

44 8.3 3.7 5.5#



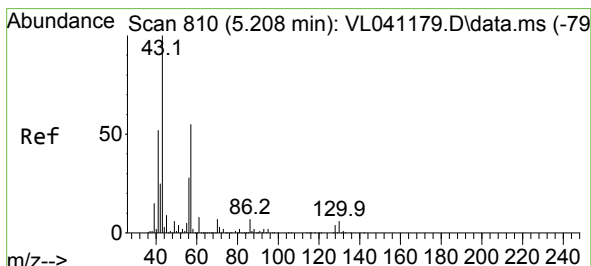
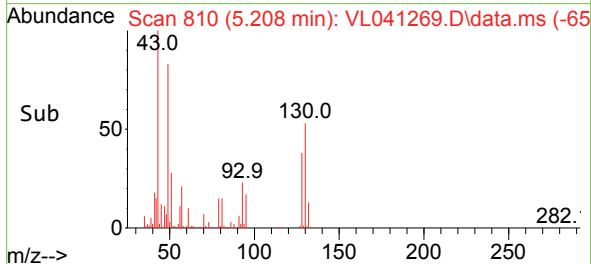
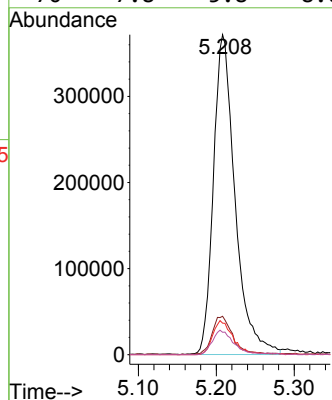
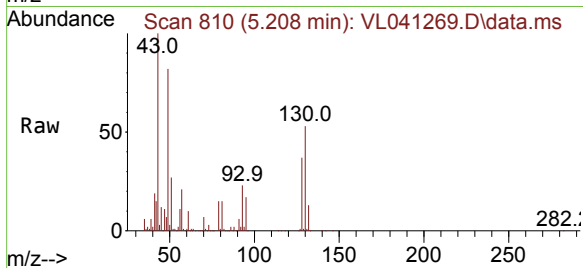


#25
Ethyl Acetate
Concen: 3.431 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 716262

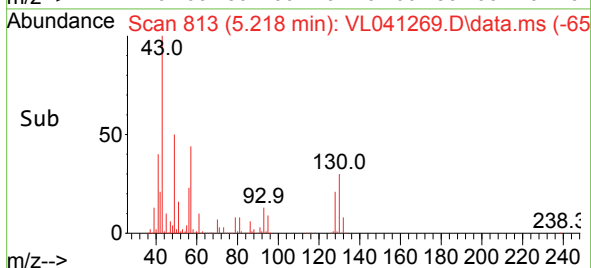
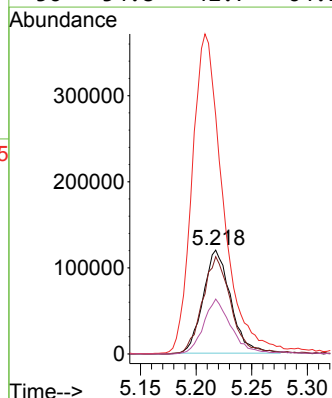
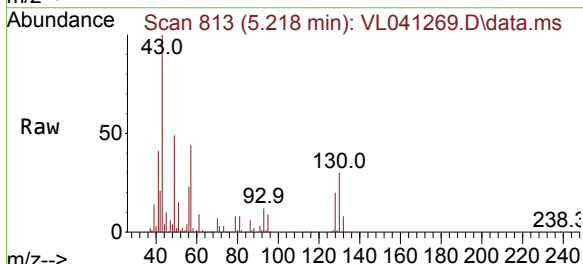
Ion	Ratio	Lower	Upper
43	100		
45	12.0	8.2	12.2
61	10.3	7.7	11.5
70	7.8	5.8	8.6

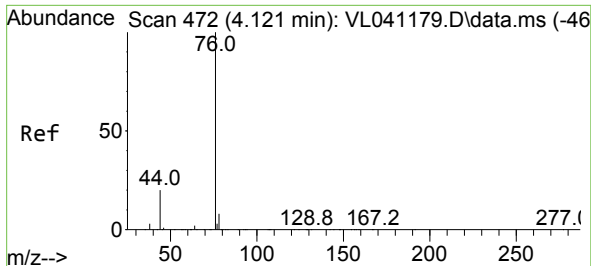


#26
Hexane
Concen: 2.214 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 57 Resp: 206228

Ion	Ratio	Lower	Upper
57	100		
41	99.6	75.8	113.8
43	352.6	187.0	280.4#
56	54.8	42.7	64.1

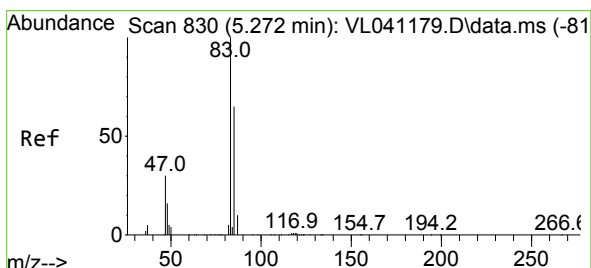
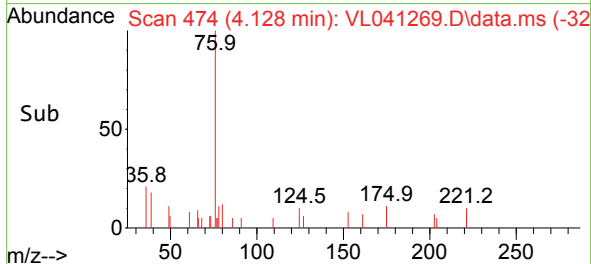
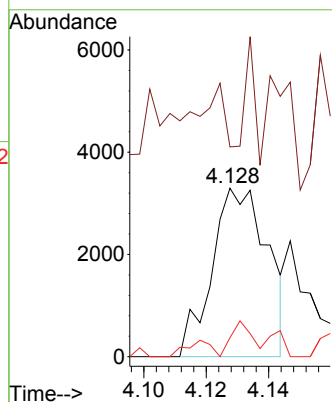
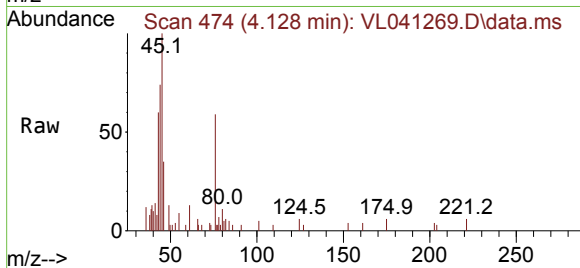




#27
Carbon Disulfide
Concen: 0.037 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

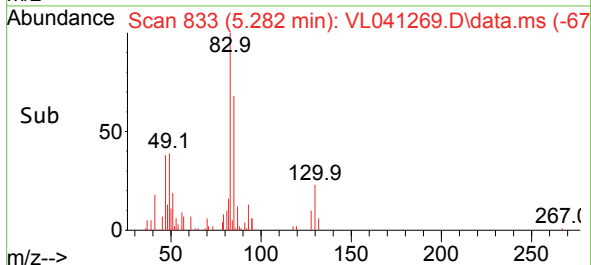
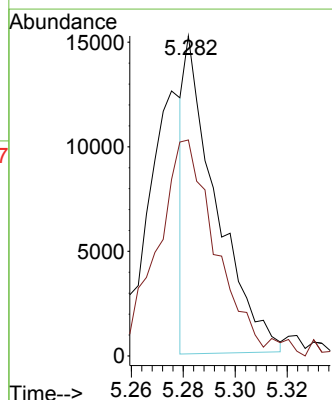
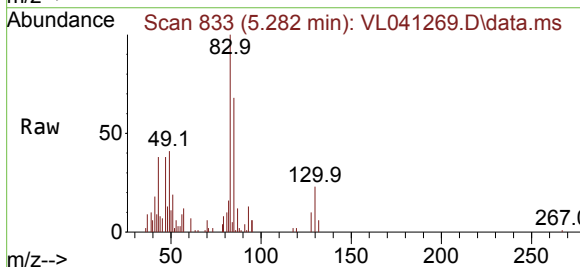
Instrument :
MSVOA_L
ClientSampleId :
IA1

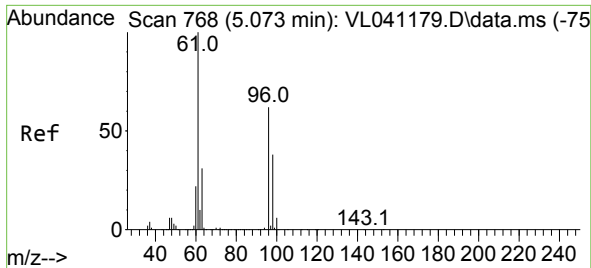
Tgt Ion: 76 Resp: 4078
Ion Ratio Lower Upper
76 100
44 0.0 16.3 24.5#
78 16.6 7.3 10.9#



#29
Chloroform
Concen: 0.099 ppbv
RT: 5.282 min Scan# 833
Delta R.T. 0.000 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 83 Resp: 12726
Ion Ratio Lower Upper
83 100
85 66.2 51.7 77.5

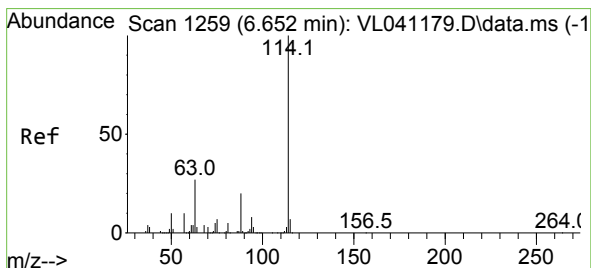
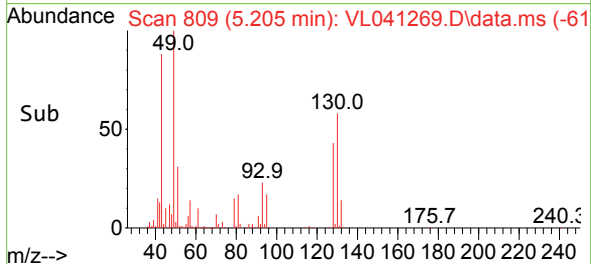
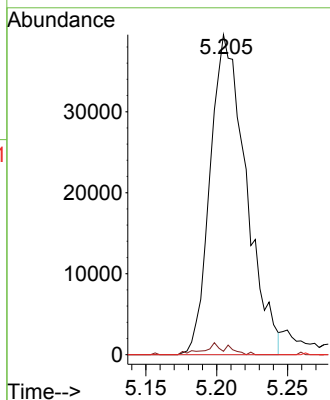
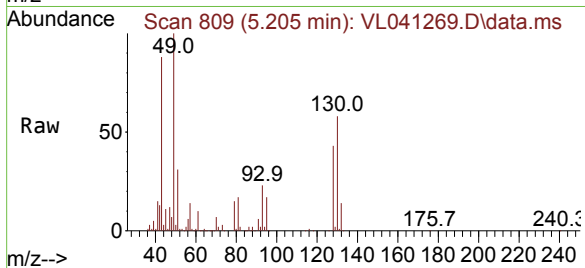




#31
 cis-1,2-Dichloroethene
 Concen: 0.796 ppbv
 RT: 5.205 min Scan# 80
 Delta R.T. 0.119 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

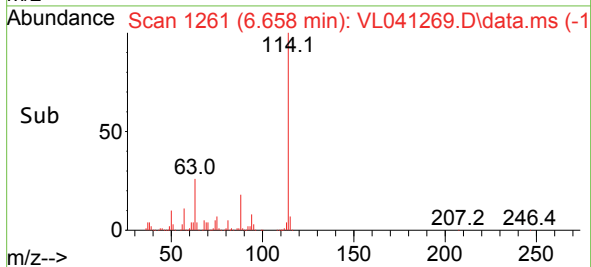
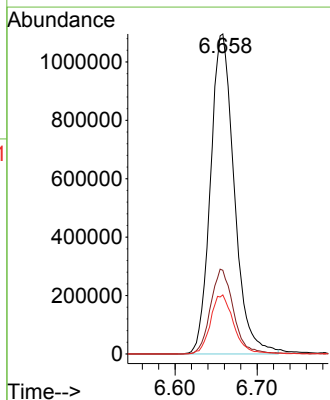
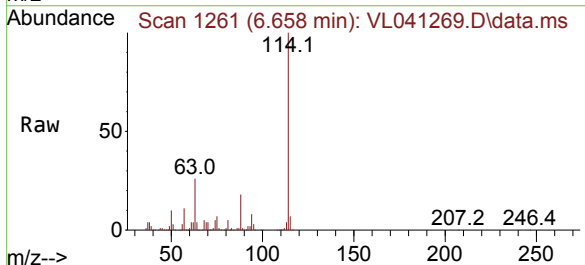
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

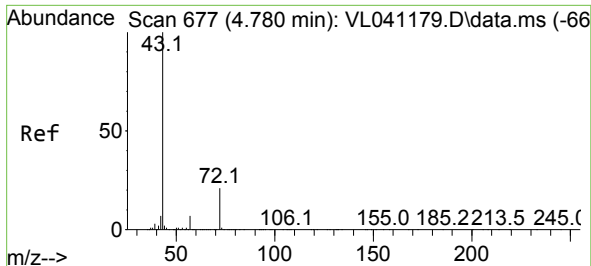
Tgt Ion: 61 Resp: 69398
 Ion Ratio Lower Upper
 61 100
 96 1.0 49.8 74.6#
 98 0.0 30.0 45.0#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.658 min Scan# 1261
 Delta R.T. 0.000 min
 Lab File: VL041269.D
 Acq: 21 May 2024 17:33

Tgt Ion: 114 Resp: 2203521
 Ion Ratio Lower Upper
 114 100
 63 25.9 21.8 32.6
 88 18.2 15.2 22.8

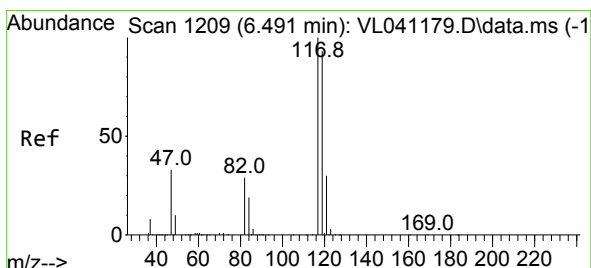
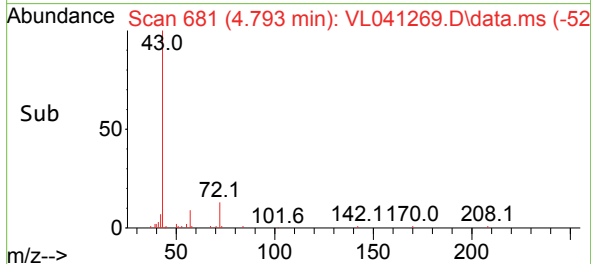
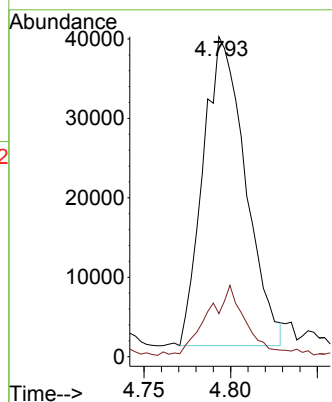
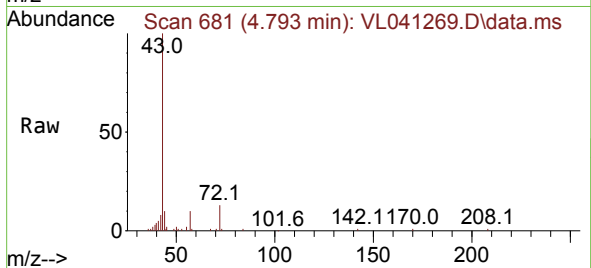




#34
2-Butanone
Concen: 0.589 ppbv
RT: 4.793 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

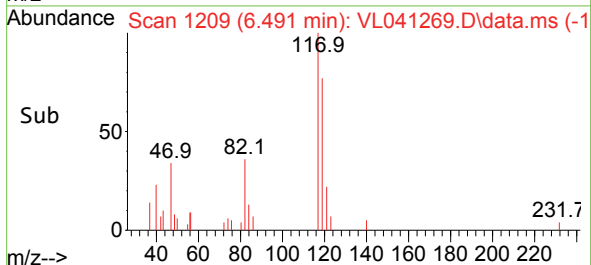
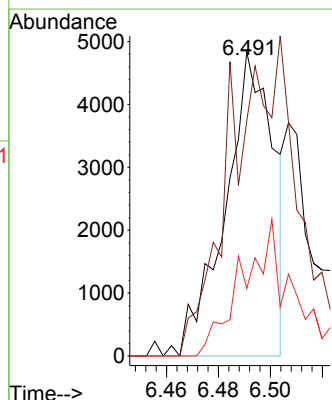
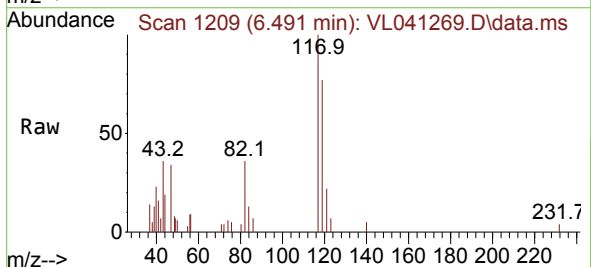
Instrument :
MSVOA_L
ClientSampleId :
IA1

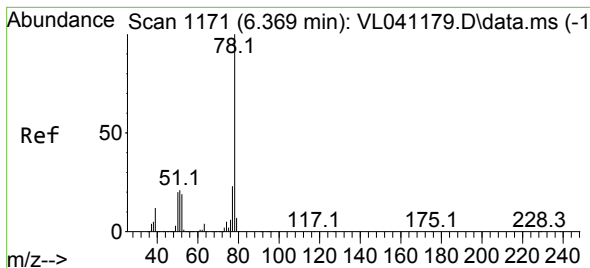
Tgt Ion: 43 Resp: 66018
Ion Ratio Lower Upper
43 100
72 23.0 17.3 25.9



#35
Carbon Tetrachloride
Concen: 0.050 ppbv
RT: 6.491 min Scan# 1209
Delta R.T. -0.006 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 117 Resp: 6194
Ion Ratio Lower Upper
117 100
119 77.3 74.3 111.5
121 22.2 23.8 35.8#





#36

Benzene

Concen: 0.235 ppbv

RT: 6.372 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

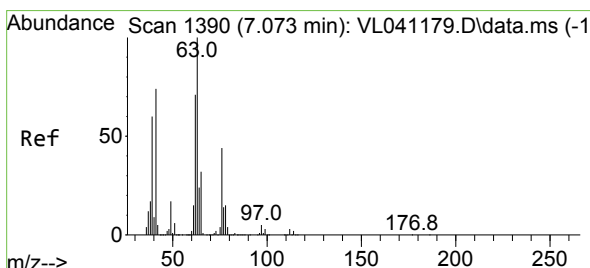
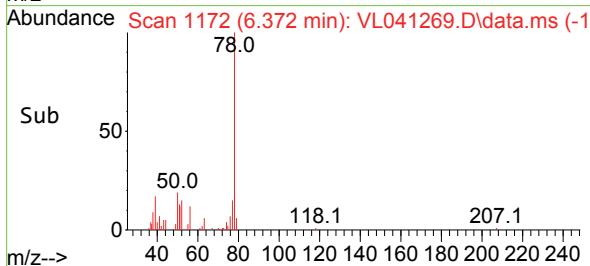
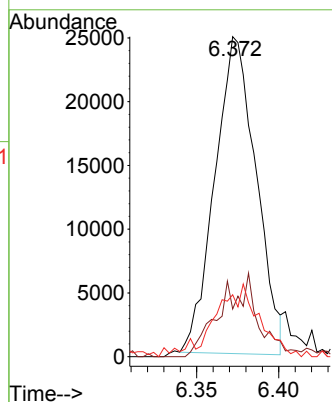
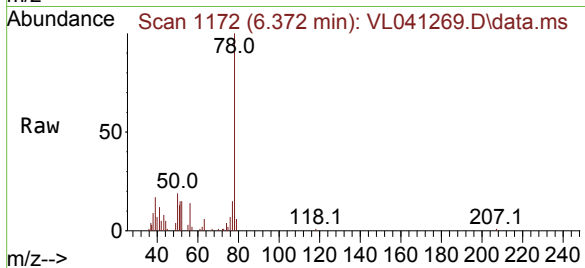
Tgt Ion: 78 Resp: 43383

Ion Ratio Lower Upper

78 100

77 15.1 18.3 27.5#

50 18.0 15.9 23.9



#39

1,2-Dichloropropane

Concen: 7.876 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.421 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

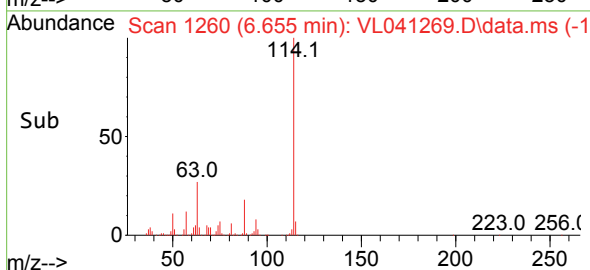
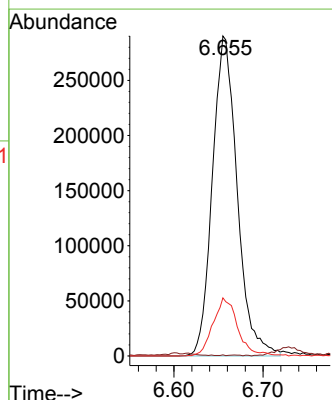
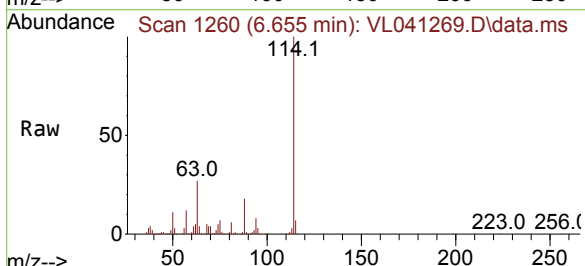
Tgt Ion: 63 Resp: 561257

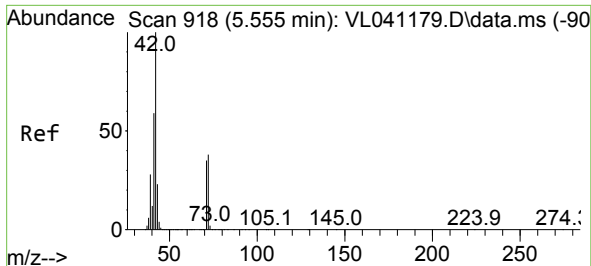
Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 18.1 56.8 85.2#





#41

Tetrahydrofuran

Concen: 0.059 ppbv

RT: 5.555 min Scan# 918

Delta R.T. -0.003 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

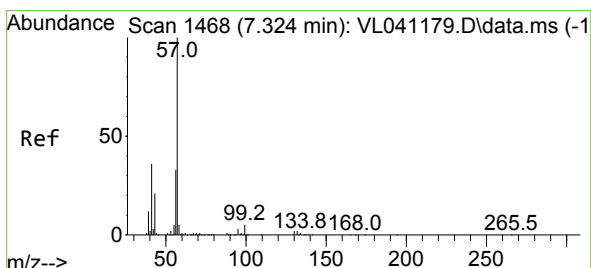
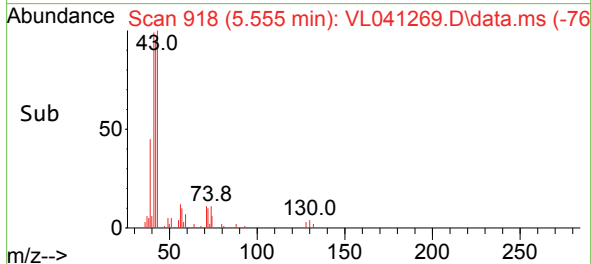
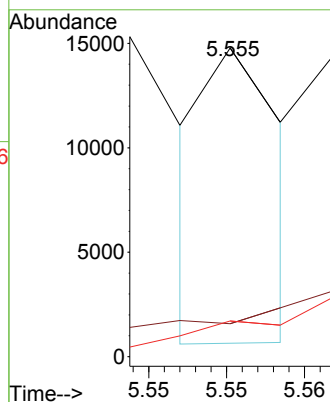
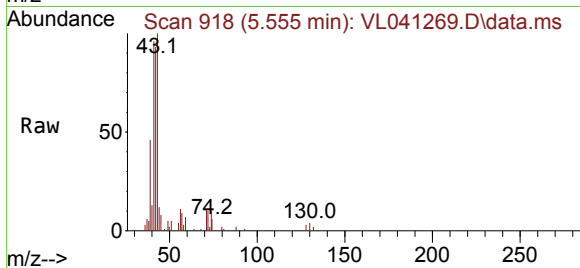
Tgt Ion: 42 Resp: 4771

Ion Ratio Lower Upper

42 100

72 0.0 29.4 44.0#

71 0.0 29.1 43.7#



#44

2,2,4-Trimethylpentane

Concen: 0.088 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

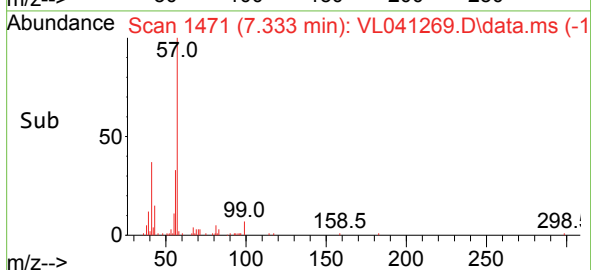
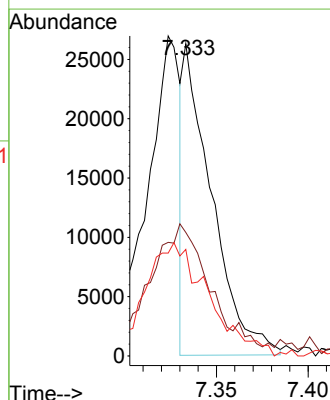
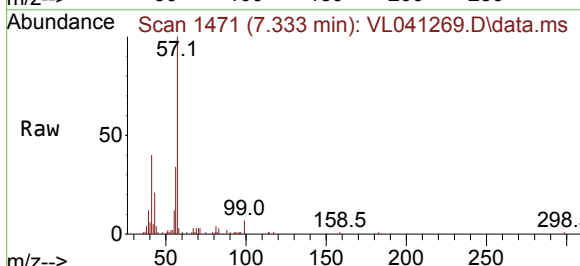
Tgt Ion: 57 Resp: 28176

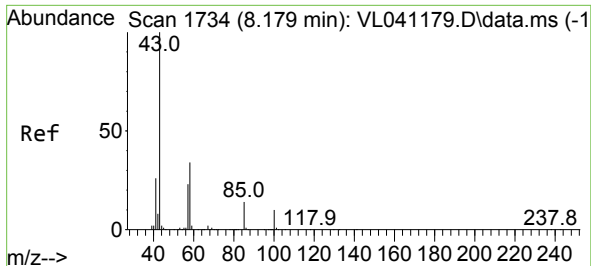
Ion Ratio Lower Upper

57 100

41 94.5 29.5 44.3#

56 87.0 25.3 37.9#

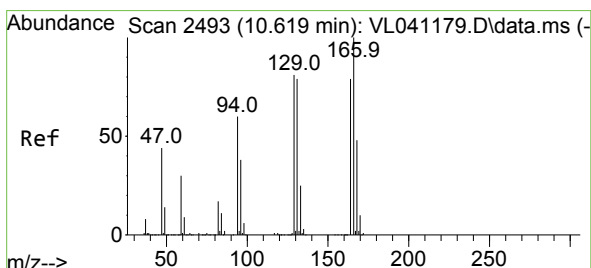
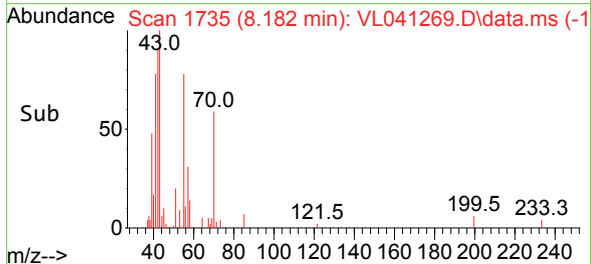
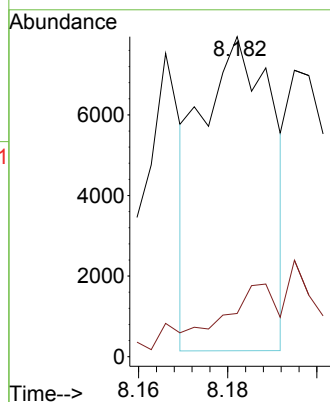
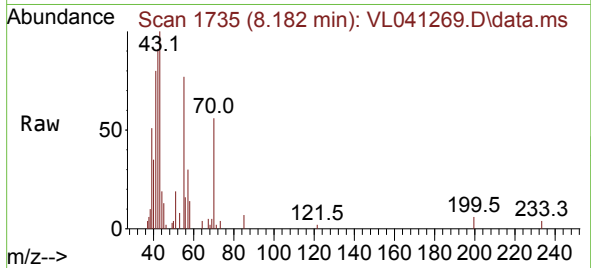




#50
4-Methyl-2-Pentanone
Concen: 0.043 ppbv
RT: 8.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

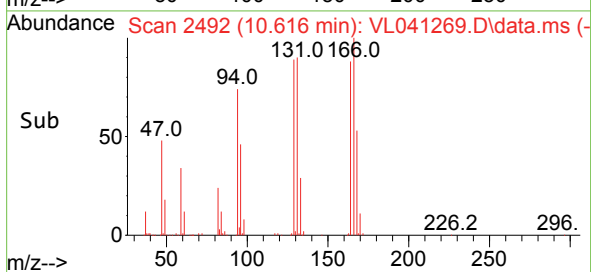
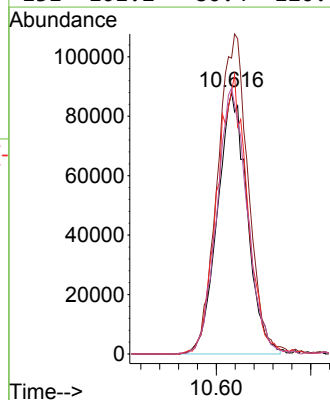
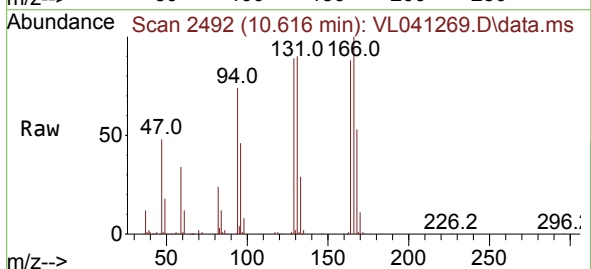
Instrument :
MSVOA_L
ClientSampleId :
IA1

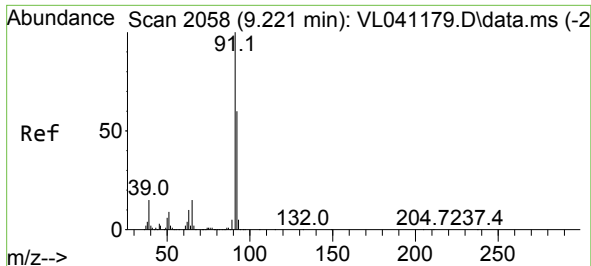
Tgt Ion: 43 Resp: 8711
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#52
Tetrachloroethene
Concen: 2.952 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.000 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 164 Resp: 191863
Ion Ratio Lower Upper
164 100
166 113.0 101.1 151.7
129 100.3 81.7 122.5
131 101.2 80.4 120.6





#53

Toluene

Concen: 0.760 ppbv

RT: 9.224 min Scan# 2058

Delta R.T. 0.003 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

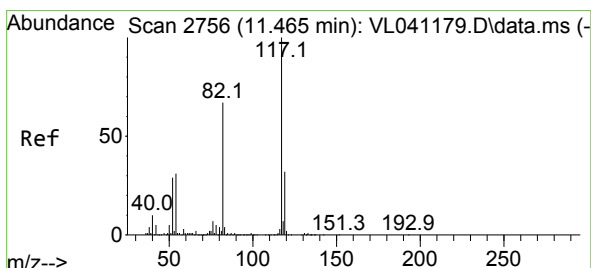
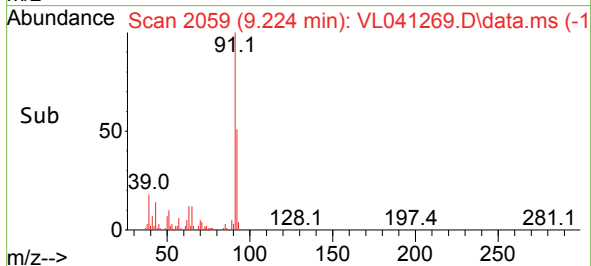
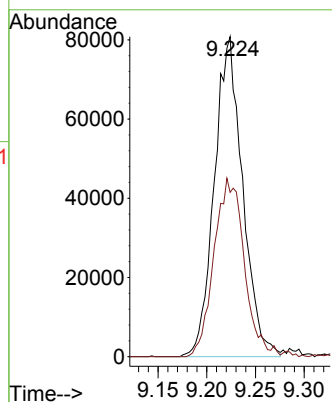
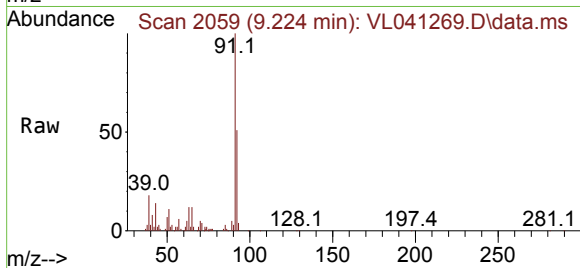
IA1

Tgt Ion: 91 Resp: 163027

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.4



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. 0.003 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

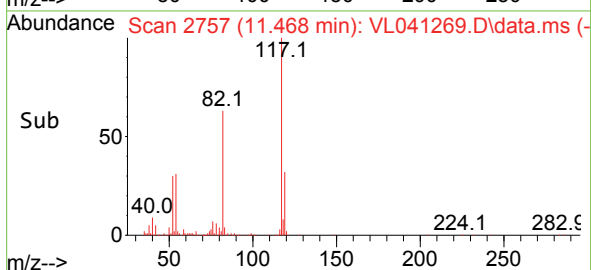
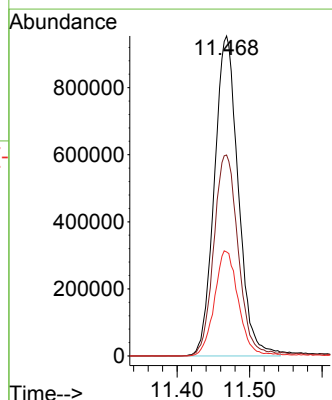
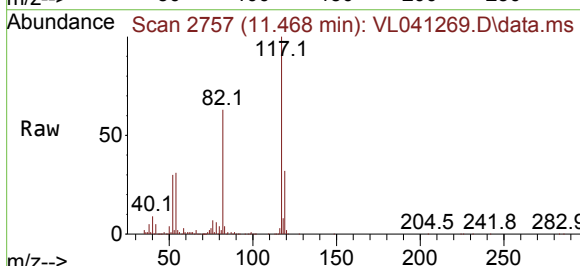
Tgt Ion: 117 Resp: 2187359

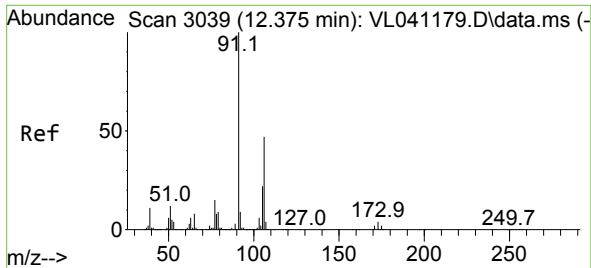
Ion Ratio Lower Upper

117 100

82 65.8 53.6 80.4

119 33.1 27.2 40.8

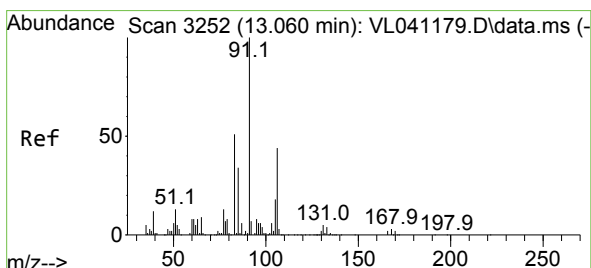
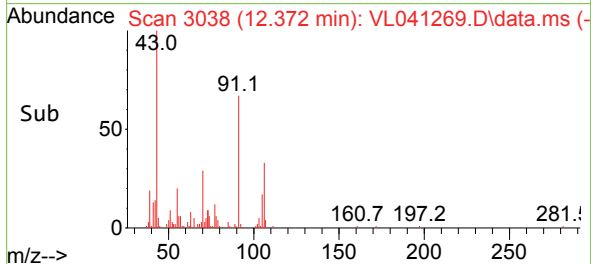
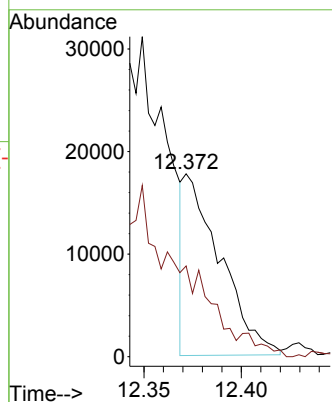
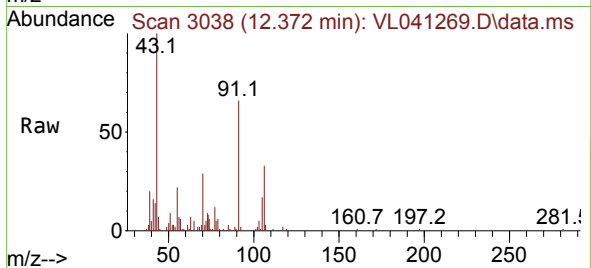




#59
m/p-Xylene
Concen: 0.091 ppbv
RT: 12.372 min Scan# 3038
Delta R.T. 0.006 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

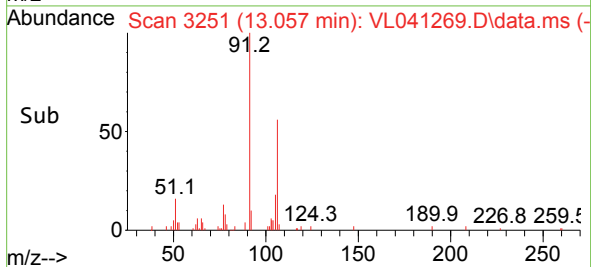
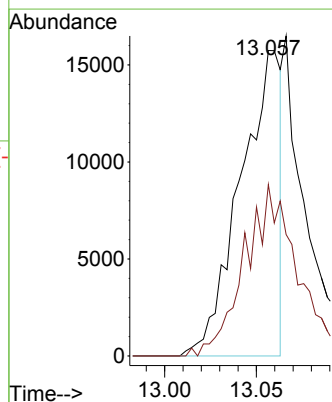
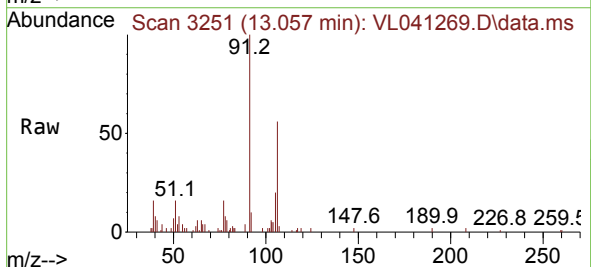
Instrument :
MSVOA_L
ClientSampleId :
IA1

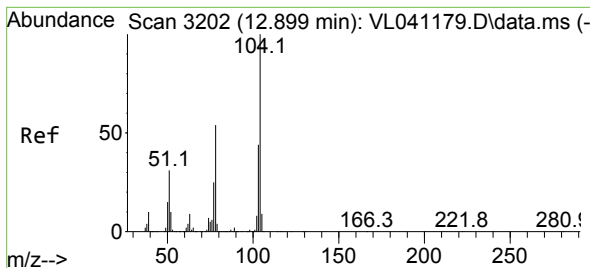
Tgt Ion: 91 Resp: 23033
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5#



#60
o-Xylene
Concen: 0.102 ppbv
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 91 Resp: 23992
Ion Ratio Lower Upper
91 100
106 74.2 22.4 67.3#





#61

Styrene

Concen: 0.181 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

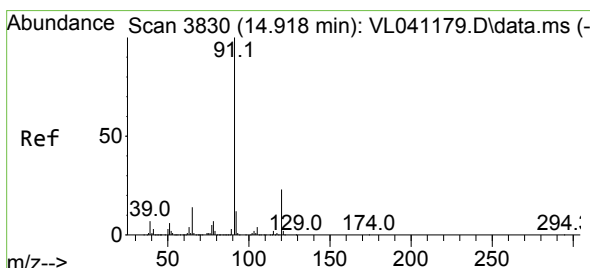
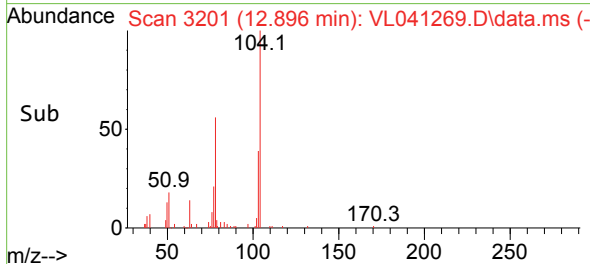
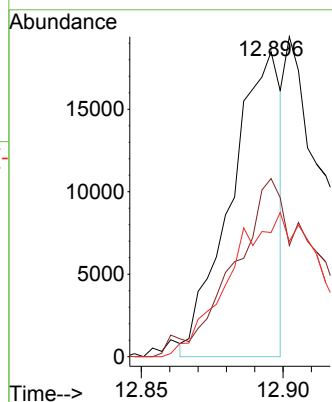
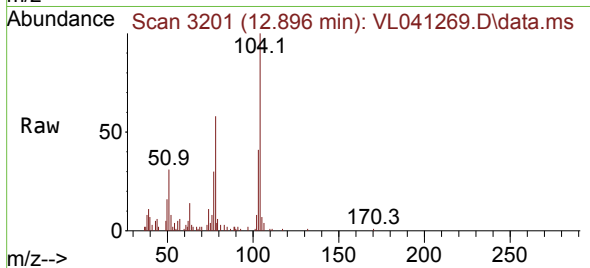
Tgt Ion:104 Resp: 22644

Ion Ratio Lower Upper

104 100

78 104.0 42.6 63.8#

103 90.2 38.4 57.6#



#64

n-propylbenzene

Concen: 0.062 ppbv

RT: 15.121 min Scan# 3893

Delta R.T. 0.209 min

Lab File: VL041269.D

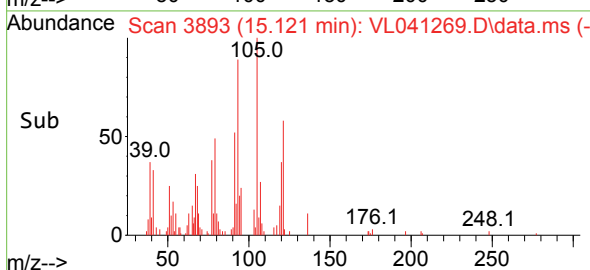
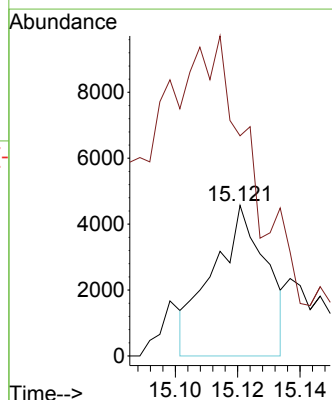
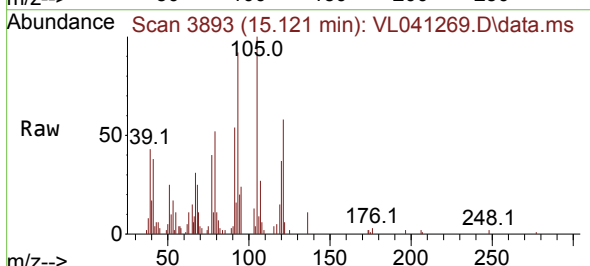
Acq: 21 May 2024 17:33

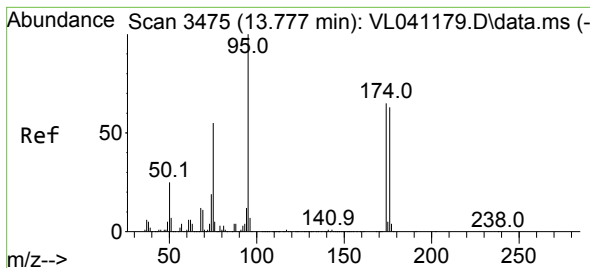
Tgt Ion:120 Resp: 5424

Ion Ratio Lower Upper

120 100

91 490.9 384.8 577.2

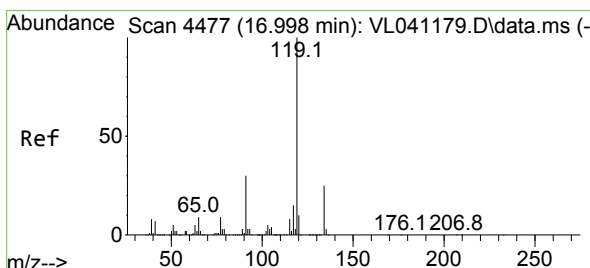
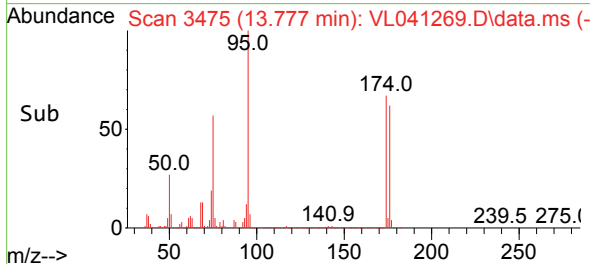
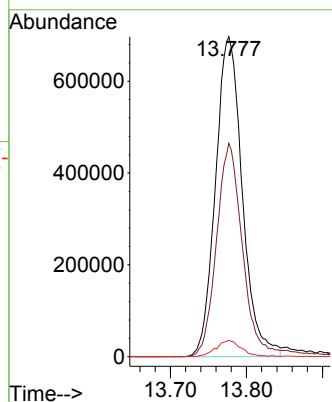
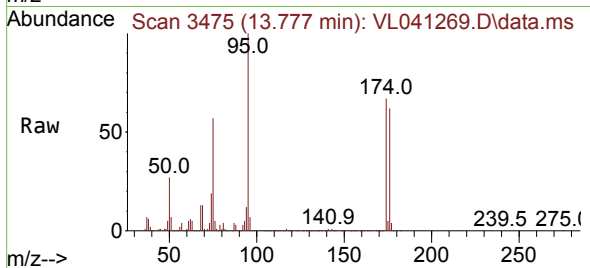




#68
1-Bromo-4-Fluorobenzene
Concen: 10.343 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

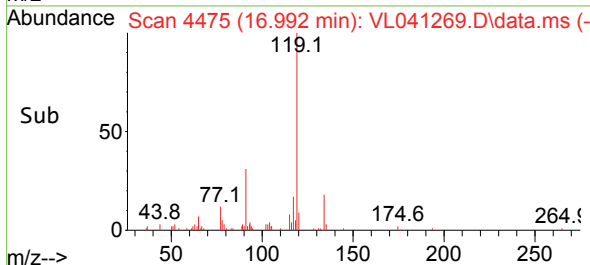
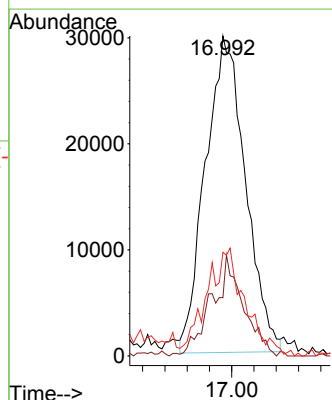
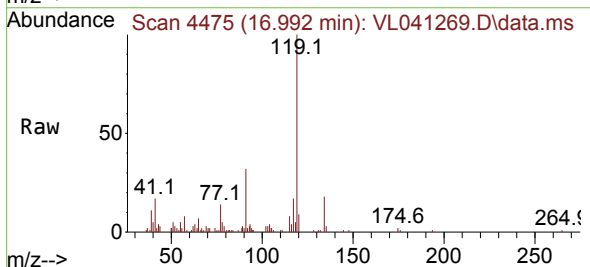
Instrument :
MSVOA_L
ClientSampleId :
IA1

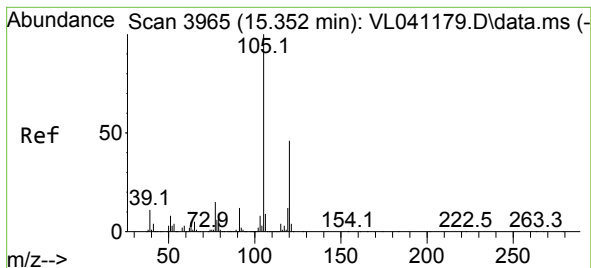
Tgt Ion: 95 Resp: 1708013
Ion Ratio Lower Upper
95 100
174 66.7 53.6 80.4
175 5.0 4.2 6.4



#69
p-Isopropyltoluene
Concen: 0.203 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VL041269.D
Acq: 21 May 2024 17:33

Tgt Ion: 119 Resp: 74463
Ion Ratio Lower Upper
119 100
134 26.2 20.1 30.1
91 34.5 24.2 36.2





#73

1,3,5-Trimethylbenzene

Concen: 0.032 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

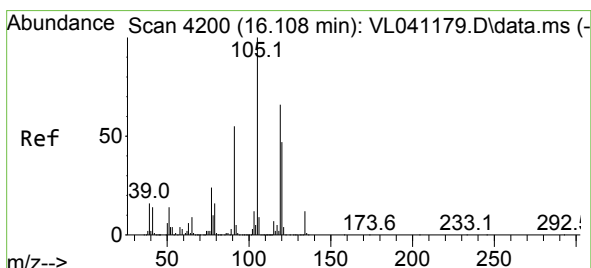
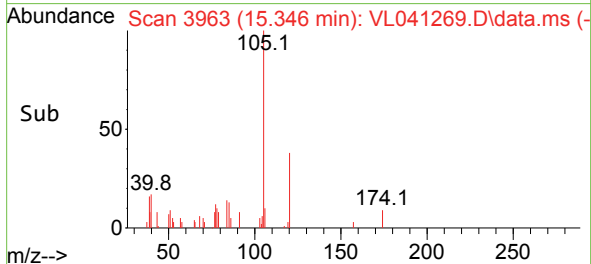
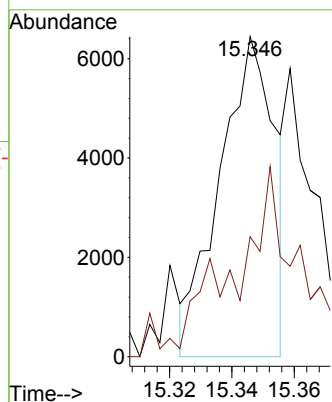
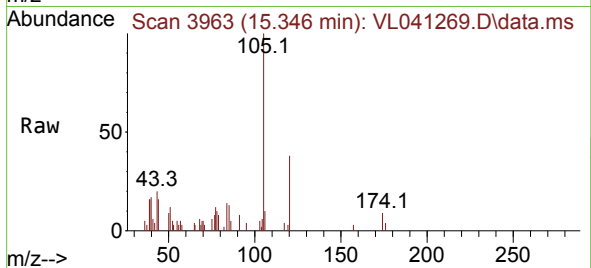
IA1

Tgt Ion:105 Resp: 7843

Ion Ratio Lower Upper

105 100

120 42.0 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 0.144 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Tgt Ion:105 Resp: 38203

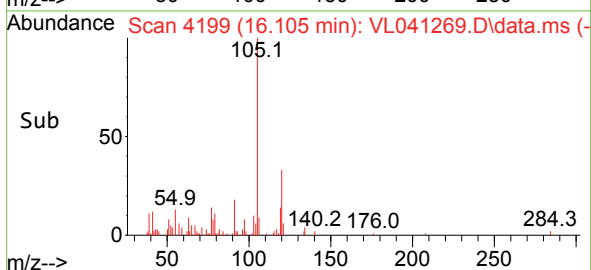
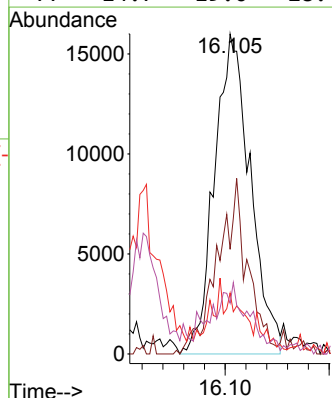
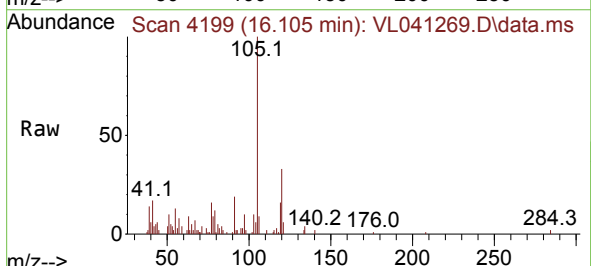
Ion Ratio Lower Upper

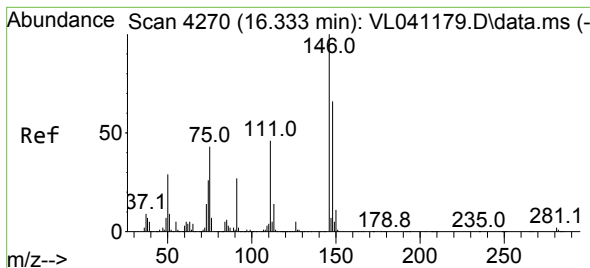
105 100

120 32.7 37.8 56.6#

91 16.1 44.3 66.5#

77 14.7 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 0.246 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.148 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Instrument :

MSVOA_L

ClientSampleId :

IA1

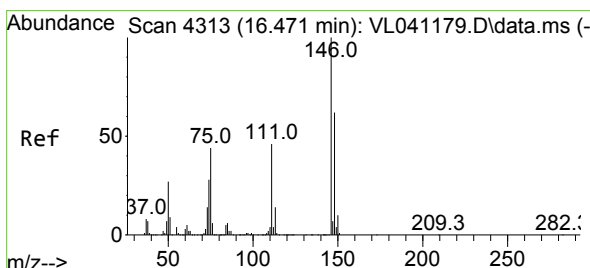
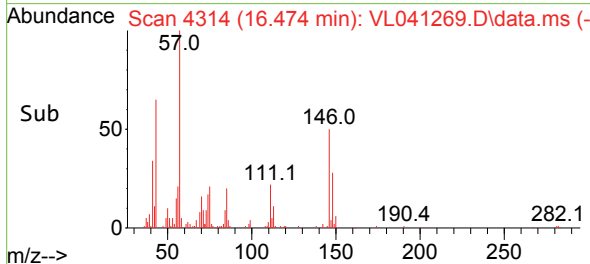
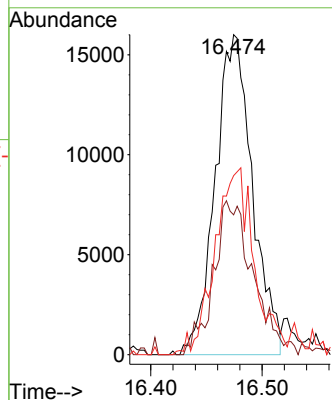
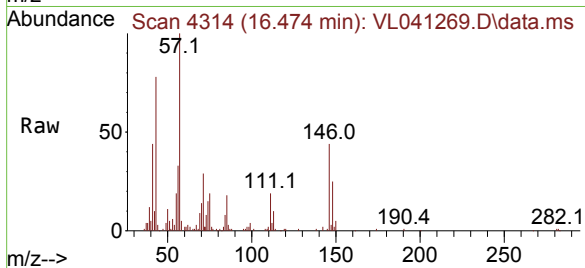
Tgt Ion:146 Resp: 37249

Ion Ratio Lower Upper

146 100

111 52.5 23.7 71.1

148 66.0 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 0.255 ppbv

RT: 16.474 min Scan# 4314

Delta R.T. 0.006 min

Lab File: VL041269.D

Acq: 21 May 2024 17:33

Tgt Ion:146 Resp: 37249

Ion Ratio Lower Upper

146 100

111 51.0 23.3 69.8

148 66.0 32.6 97.7

