

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041429.D
 Acq On : 29 Jul 2024 14:56
 Operator : SY/MD
 Sample : P3342-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-03

Quant Time: Jul 30 02:50:02 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)

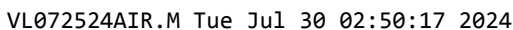
Internal Standards						
1) Bromochloromethane	5.188	49	1099137	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3056620	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2853035	10.000	ppbv	# 0.00

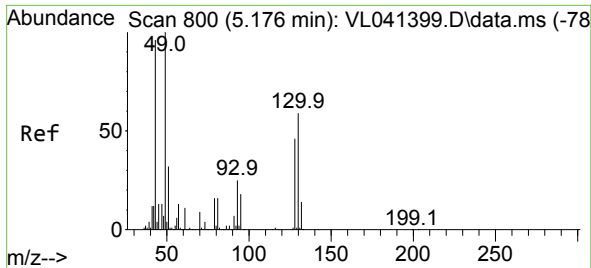
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2225865	10.138	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

Target Compounds					Qvalue
3) Chlorodifluoromethane	2.677	51	27526	0.210	ppbv # 71
4) Chloromethane	2.806	50	21132	0.304	ppbv 99
7) Chloroethane	3.185	64	860	0.036	ppbv # 73
9) Propene	2.867	41	1133287	18.854	ppbv 95
10) Heptane	7.581	43	226913	1.680	ppbv 99
11) Trichlorofluoromethane	3.558	101	10802	0.064	ppbv 89
13) Ethanol	3.230	45	1062763	197.821	ppbv 98
15) Acetone	3.459	43	1530899	12.258	ppbv # 81
16) 1,3-Butadiene	2.960	39	13782	0.207	ppbv # 10
17) tert-Butyl alcohol	3.883	59	35783	0.314	ppbv # 72
19) Isopropyl Alcohol	3.571	45	507335	6.949	ppbv # 94
20) Methylene Chloride	3.928	84	162068	3.480	ppbv 97
21) Allyl Chloride	3.951	41	77846	0.950	ppbv # 51
23) Vinyl Acetate	4.603	43	249036	2.611	ppbv # 1
25) Ethyl Acetate	5.208	43	657917	2.652	ppbv # 88
26) Hexane	5.208	57	745884	7.247	ppbv # 43
27) Carbon Disulfide	4.124	76	7804	0.065	ppbv # 12
29) Chloroform	5.269	83	584663	3.483	ppbv 95
30) Cyclohexane	6.603	84	75163	0.897	ppbv 86
31) cis-1,2-Dichloroethene	5.195	61	8150	0.080	ppbv # 27
34) 2-Butanone	4.783	43	129242	0.874	ppbv 93
36) Benzene	6.369	78	508706	2.278	ppbv 99
37) 1,2-Dichloroethane	5.806	62	9997	0.080	ppbv # 91
39) 1,2-Dichloropropane	6.651	63	747930	8.747	ppbv # 25
41) Tetrahydrofuran	5.565	42	24327	0.288	ppbv # 92
42) Bromodichloromethane	7.250	83	9068	0.050	ppbv # 27
44) 2,2,4-Trimethylpentane	7.323	57	349413	0.937	ppbv # 75
51) 2-Hexanone	9.552	43	5438	0.031	ppbv # 30
52) Tetrachloroethene	10.613	164	17963	0.208	ppbv # 85
53) Toluene	9.224	91	2329671	9.364	ppbv 99
58) Ethyl Benzene	12.092	91	409896	1.246	ppbv 98
59) m/p-Xylene	12.343	91	1151849	4.058	ppbv 97
60) o-Xylene	13.060	91	373529	1.391	ppbv 99
61) Styrene	12.899	104	76627	0.633	ppbv 95
62) Isopropylbenzene	14.027	105	19423	0.048	ppbv # 88
65) tert-Butylbenzene	16.111	119	14790	0.040	ppbv # 19
72) 4-Ethyltoluene	15.198	105	41017	0.130	ppbv # 66
73) 1,3,5-Trimethylbenzene	15.355	105	24540	0.090	ppbv 92
74) 1,2,4-Trimethylbenzene	16.111	105	173024	0.546	ppbv # 69

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

Quant Time: Jul 30 02:50:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 80

Delta R.T. 0.009 min

Lab File: VL041429.D

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Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-03

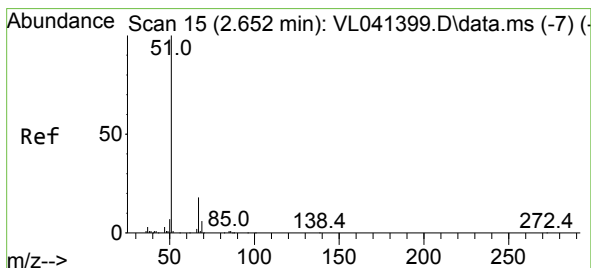
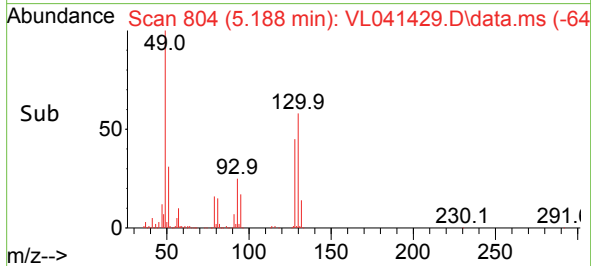
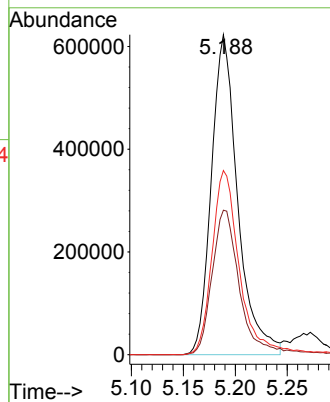
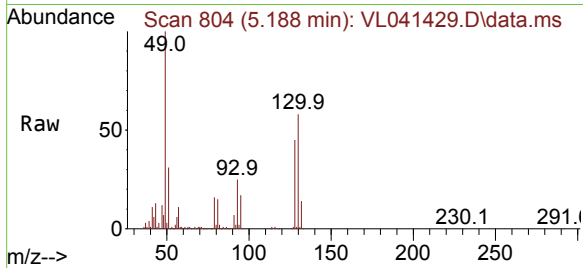
Tgt Ion: 49 Resp: 1099137

Ion Ratio Lower Upper

49 100

128 47.7 23.8 71.4

130 61.6 30.8 92.4



#3

Chlorodifluoromethane

Concen: 0.210 ppbv

RT: 2.677 min Scan# 23

Delta R.T. 0.022 min

Lab File: VL041429.D

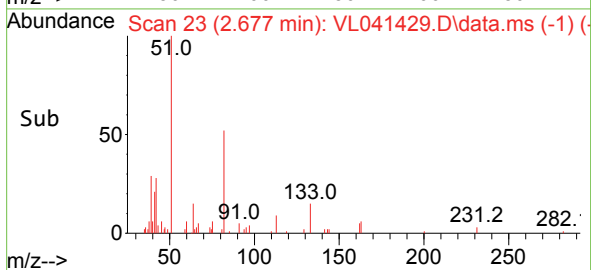
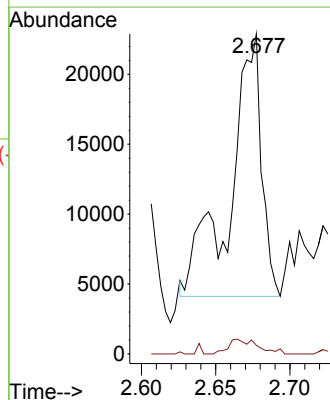
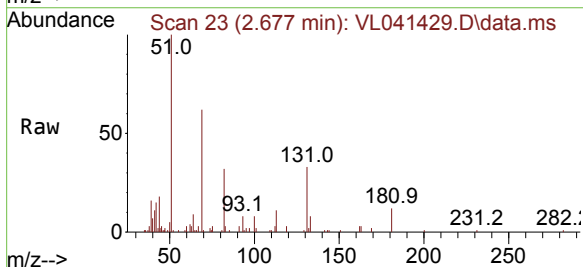
Acq: 29 Jul 2024 14:56

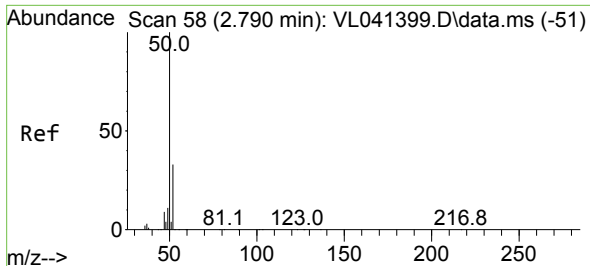
Tgt Ion: 51 Resp: 27526

Ion Ratio Lower Upper

51 100

67 5.3 14.5 21.7#

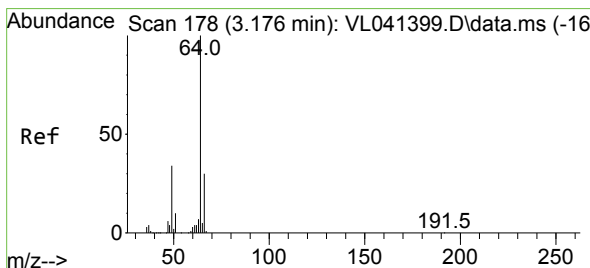
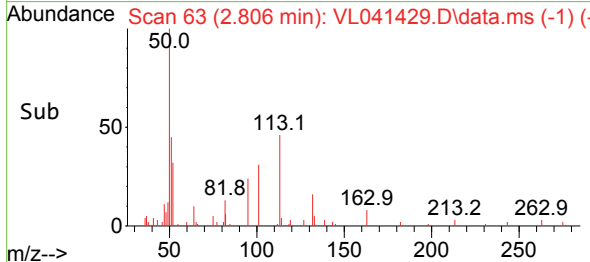
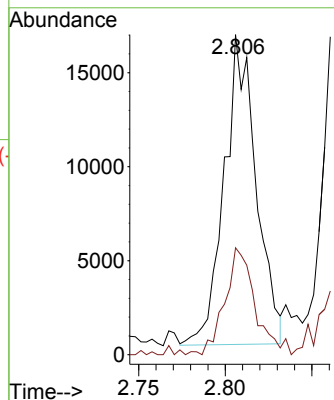
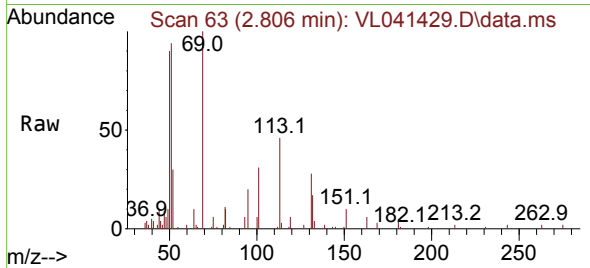




#4
Chloromethane
Concen: 0.304 ppbv
RT: 2.806 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

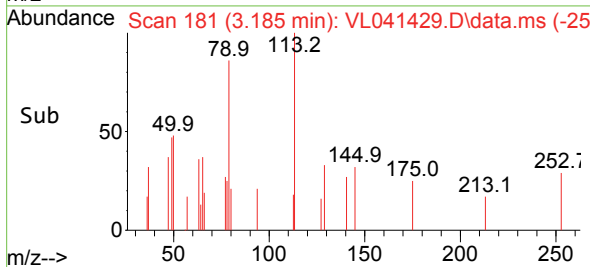
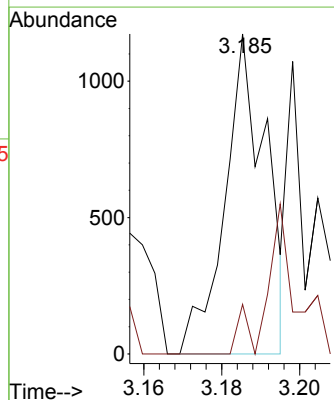
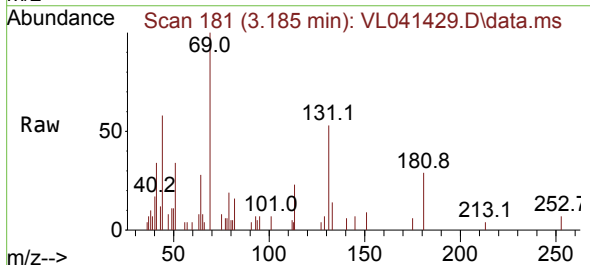
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

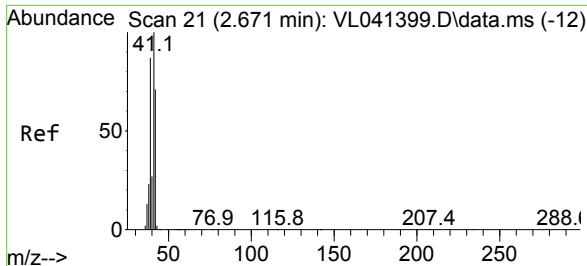
Tgt Ion: 50 Resp: 21132
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#7
Chloroethane
Concen: 0.036 ppbv
RT: 3.185 min Scan# 181
Delta R.T. 0.003 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 64 Resp: 860
Ion Ratio Lower Upper
64 100
66 15.5 24.2 36.2#

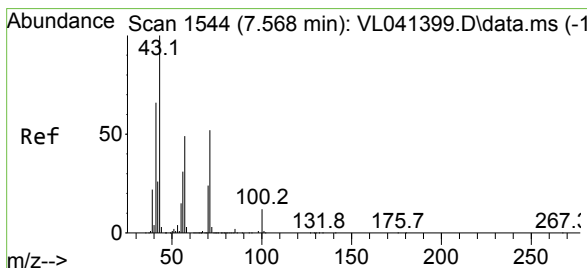
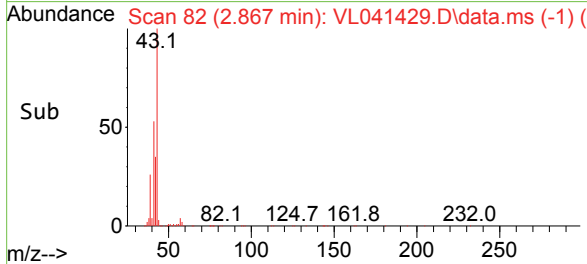
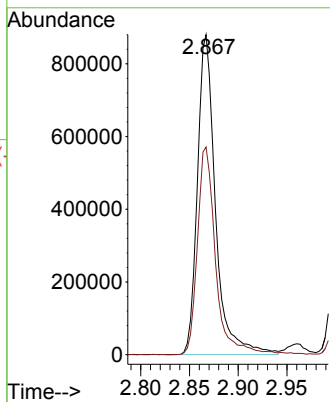
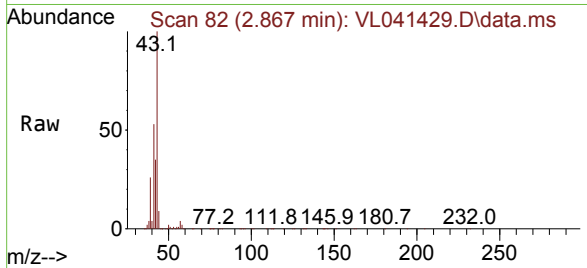




#9
Propene
Concen: 18.854 ppbv
RT: 2.867 min Scan# 81
Delta R.T. 0.196 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

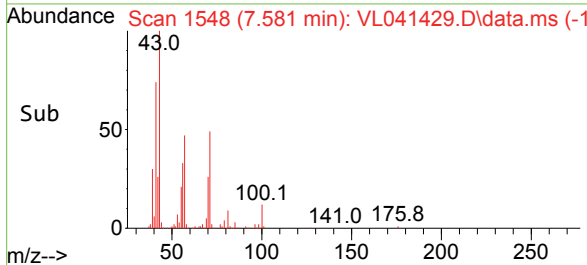
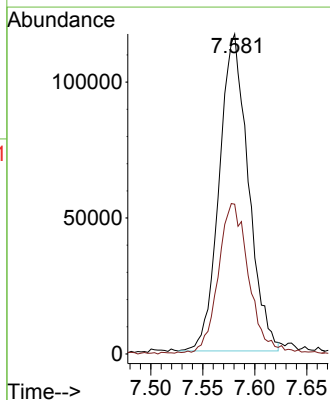
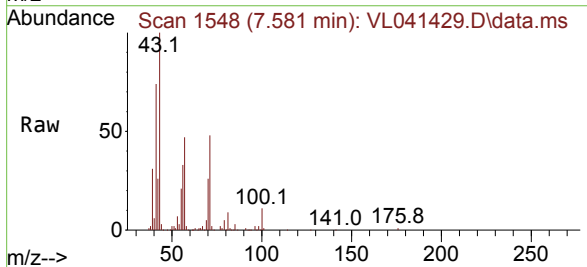
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

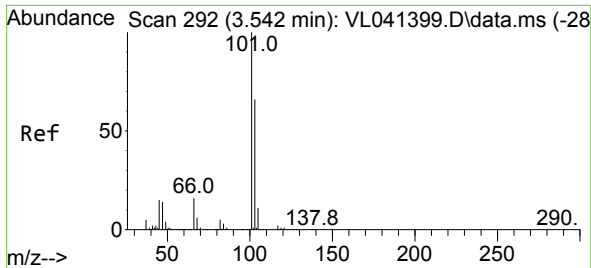
Tgt Ion: 41 Resp: 1133287
Ion Ratio Lower Upper
41 100
42 66.0 55.9 83.9



#10
Heptane
Concen: 1.680 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 43 Resp: 226913
Ion Ratio Lower Upper
43 100
57 49.8 40.5 60.7

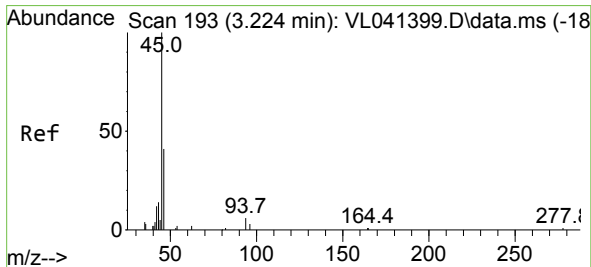
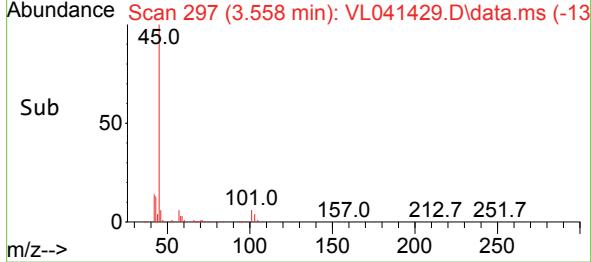
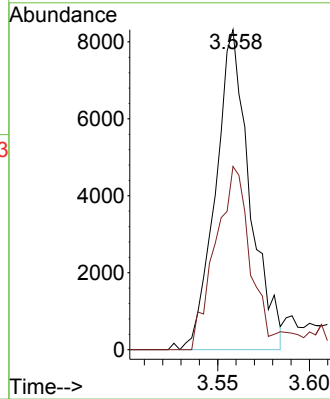
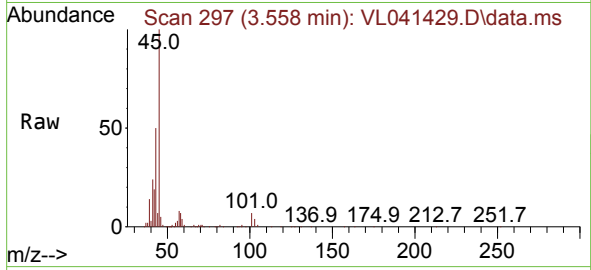




#11
 Trichlorofluoromethane
 Concen: 0.064 ppbv
 RT: 3.558 min Scan# 292
 Delta R.T. 0.013 min
 Lab File: VL041429.D
 Acq: 29 Jul 2024 14:56

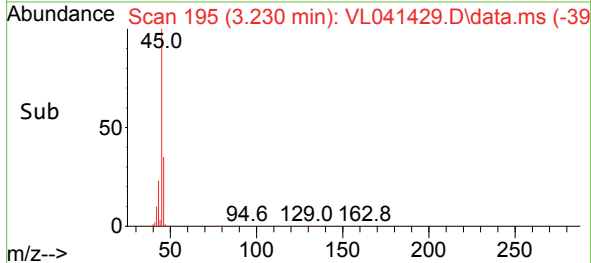
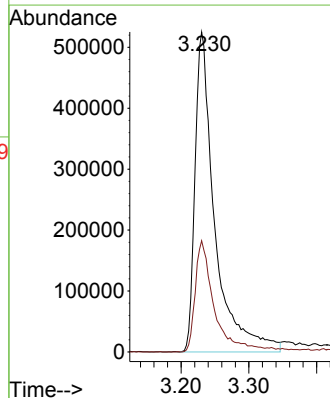
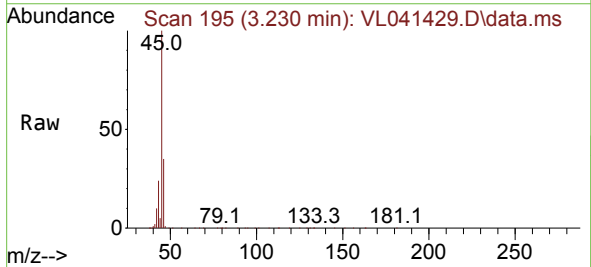
Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-03

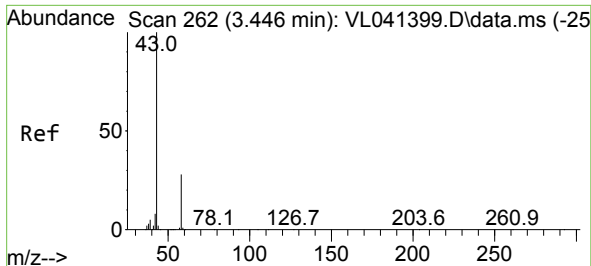
Tgt Ion:101 Resp: 10802
 Ion Ratio Lower Upper
 101 100
 103 57.3 52.6 79.0



#13
 Ethanol
 Concen: 197.821 ppbv
 RT: 3.230 min Scan# 195
 Delta R.T. 0.003 min
 Lab File: VL041429.D
 Acq: 29 Jul 2024 14:56

Tgt Ion: 45 Resp: 1062763
 Ion Ratio Lower Upper
 45 100
 46 34.7 13.4 53.4

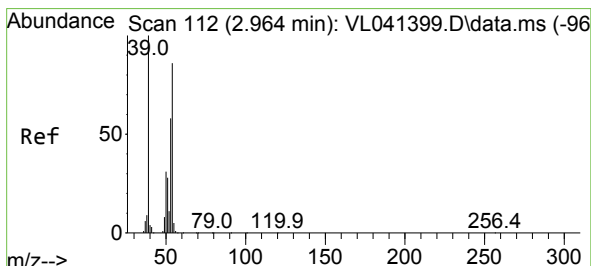
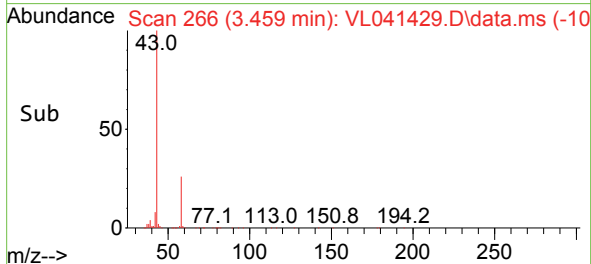
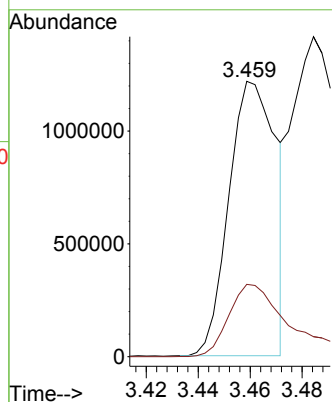
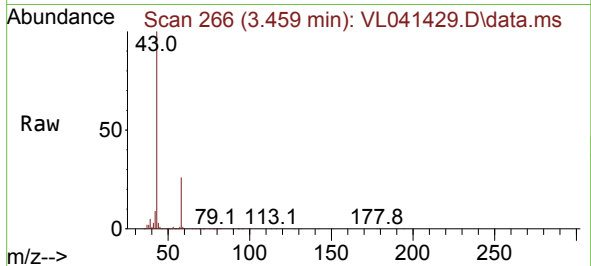




#15
Acetone
Concen: 12.258 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

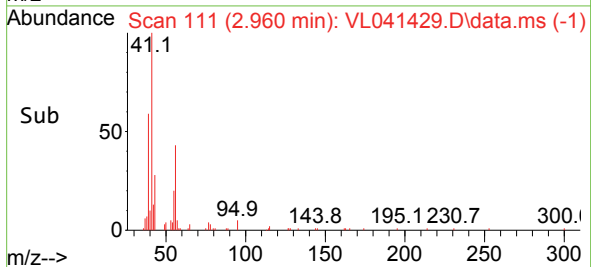
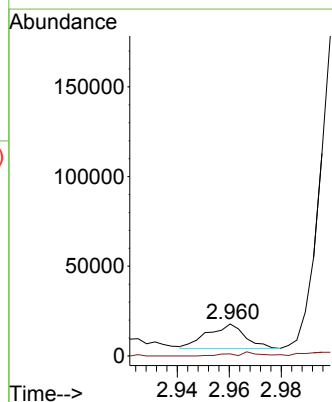
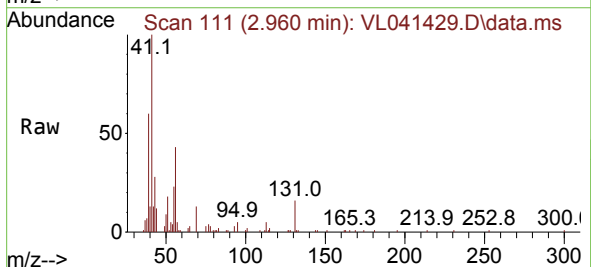
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

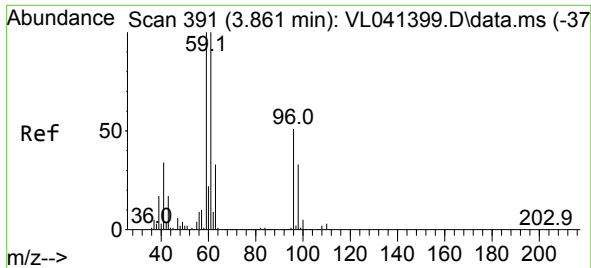
Tgt Ion: 43 Resp: 1530899
Ion Ratio Lower Upper
43 100
58 36.4 21.4 32.2#



#16
1,3-Butadiene
Concen: 0.207 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 39 Resp: 13782
Ion Ratio Lower Upper
39 100
54 0.0 62.5 93.7#

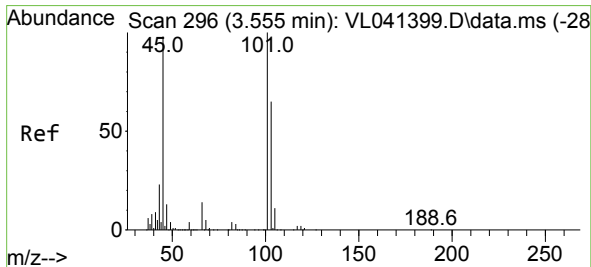
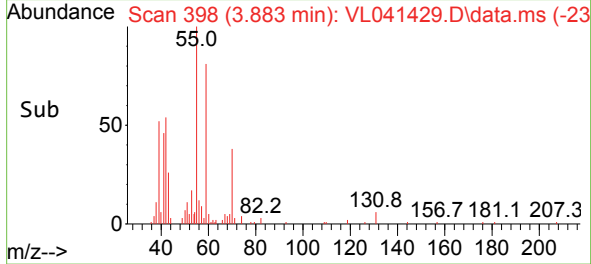
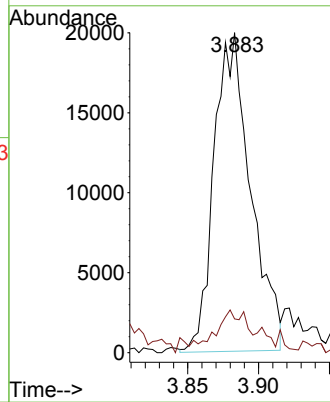
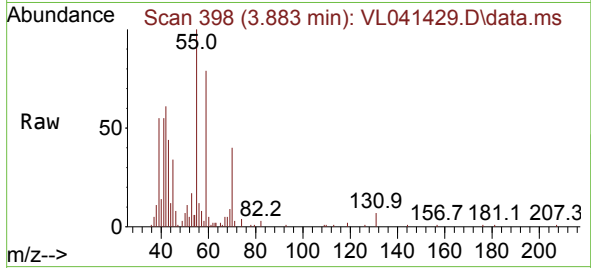




#17
tert-Butyl alcohol
Concen: 0.314 ppbv
RT: 3.883 min Scan# 301
Delta R.T. 0.022 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

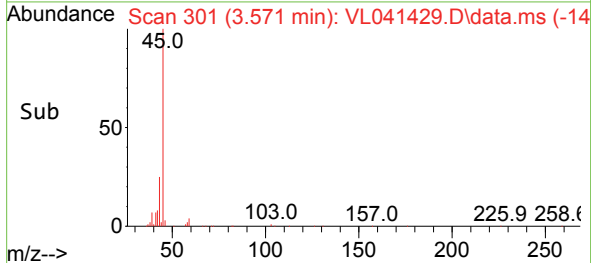
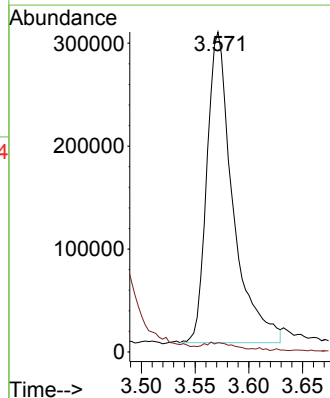
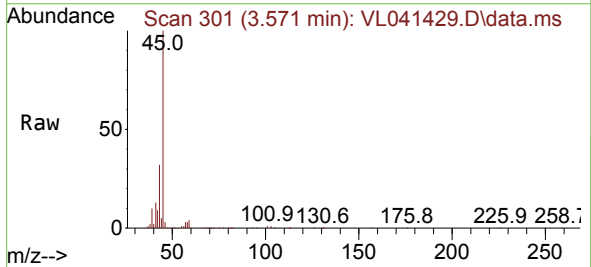
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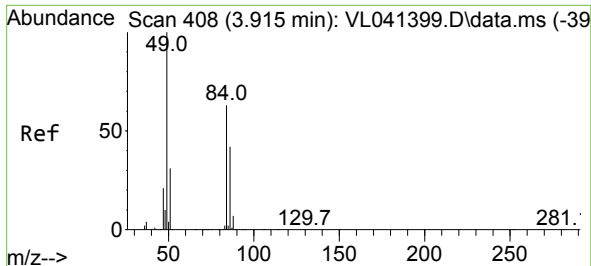
Tgt Ion: 59 Resp: 35783
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#19
Isopropyl Alcohol
Concen: 6.949 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 45 Resp: 507335
Ion Ratio Lower Upper
45 100
58 4.3 1.9 2.9#

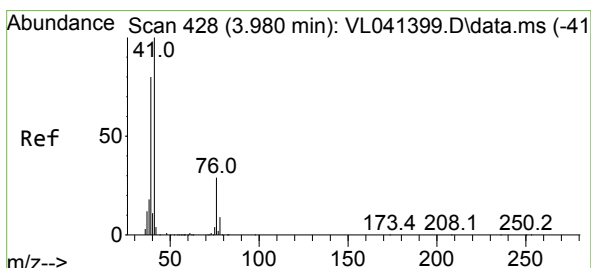
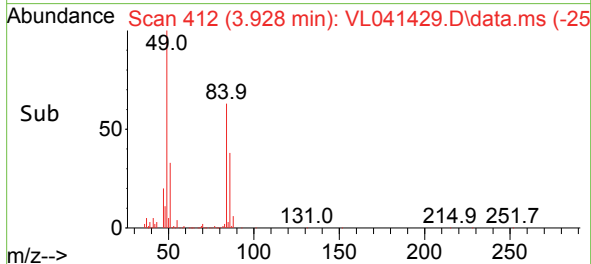
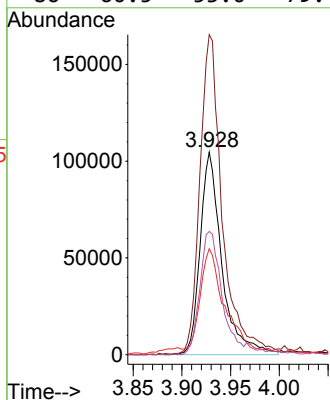
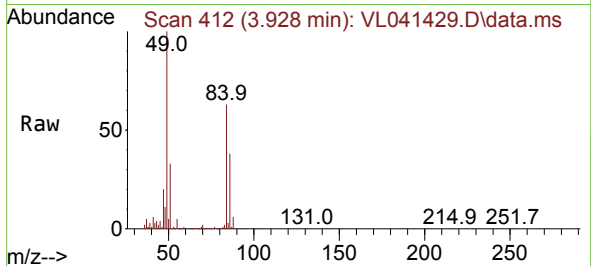




#20
Methylene Chloride
Concen: 3.480 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

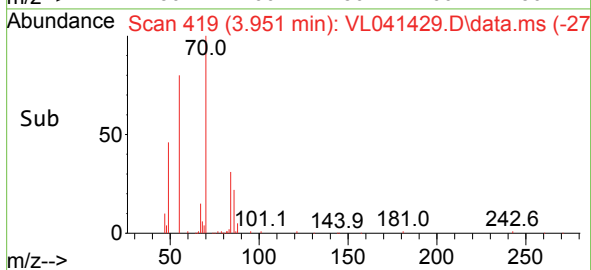
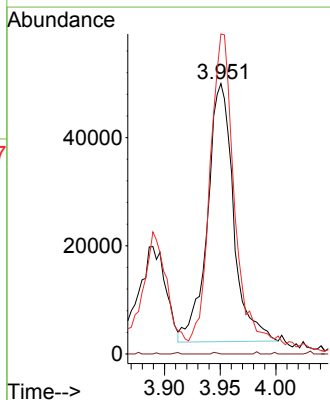
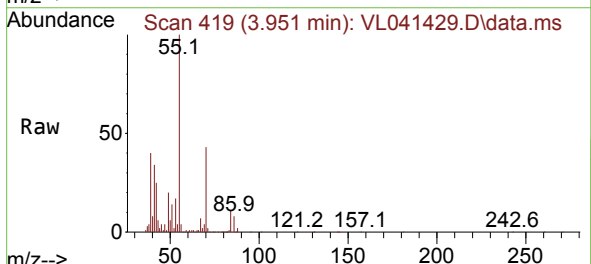
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

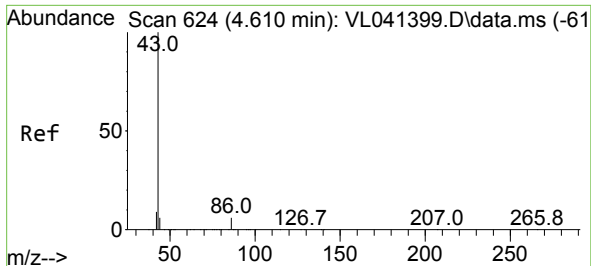
Tgt Ion: 84 Resp: 162068
Ion Ratio Lower Upper
84 100
49 157.4 126.6 190.0
51 50.3 38.6 58.0
86 60.5 53.0 79.4



#21
Allyl Chloride
Concen: 0.950 ppbv
RT: 3.951 min Scan# 419
Delta R.T. -0.029 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 41 Resp: 77846
Ion Ratio Lower Upper
41 100
76 0.0 23.7 35.5#
39 122.0 64.3 96.5#



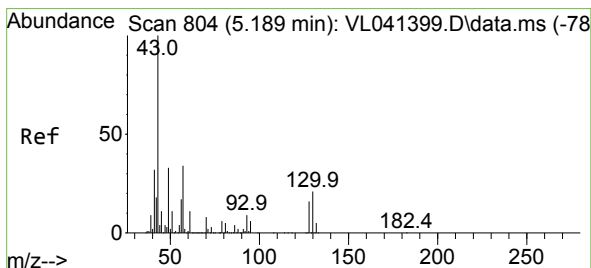
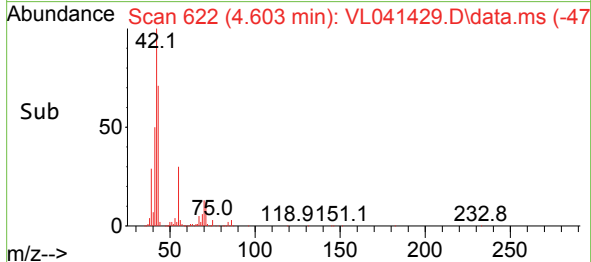
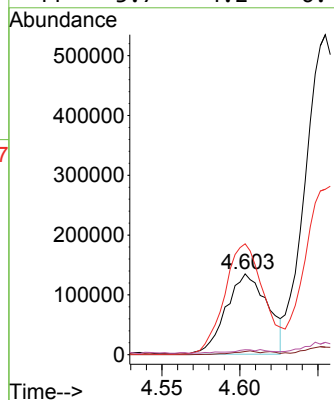
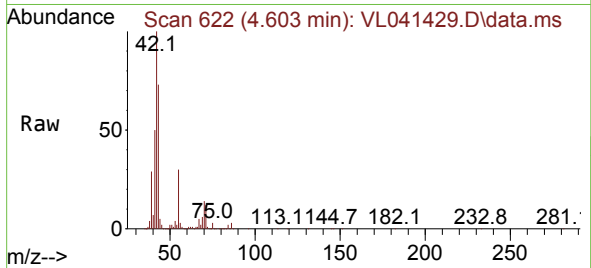


#23
Vinyl Acetate
Concen: 2.611 ppbv
RT: 4.603 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

Tgt Ion: 43 Resp: 249036

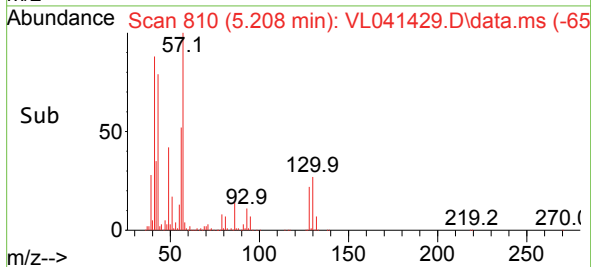
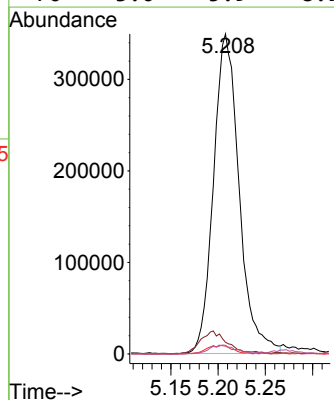
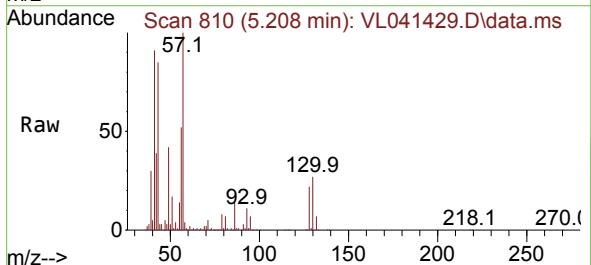
Ion	Ratio	Lower	Upper
43	100		
86	4.1	4.6	6.8#
42	137.4	7.9	11.9#
44	3.7	4.2	6.4#

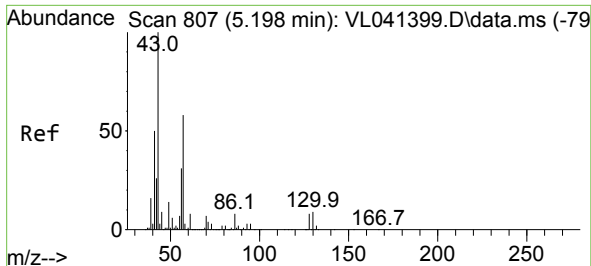


#25
Ethyl Acetate
Concen: 2.652 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.016 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 43 Resp: 657917

Ion	Ratio	Lower	Upper
43	100		
45	8.5	8.5	12.7#
61	3.1	8.0	12.0#
70	3.0	5.9	8.9#

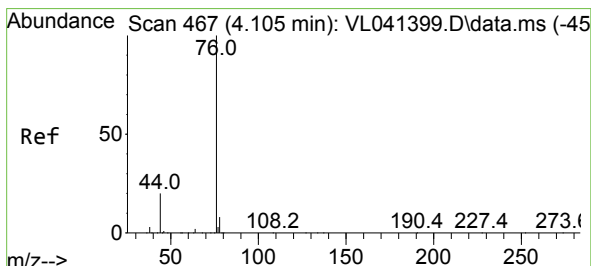
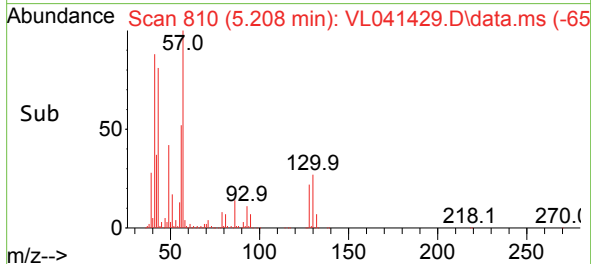
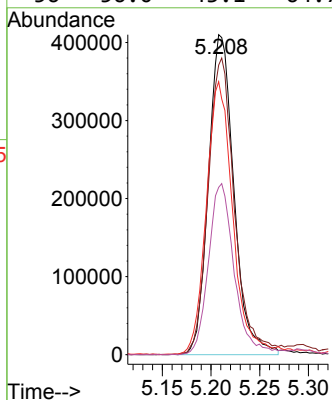
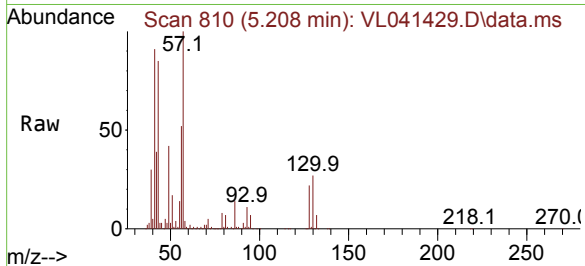




#26
Hexane
Concen: 7.247 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

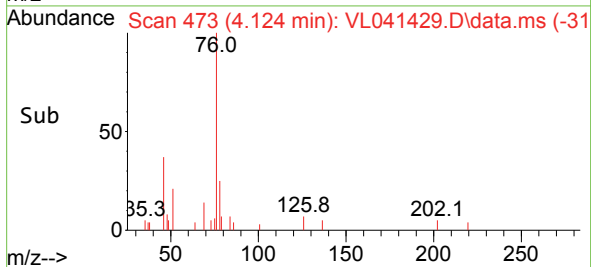
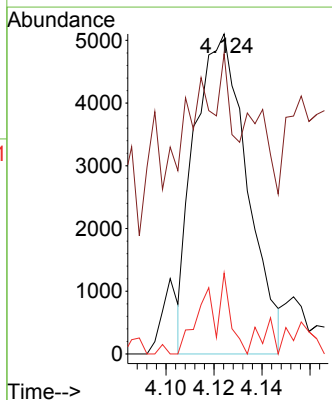
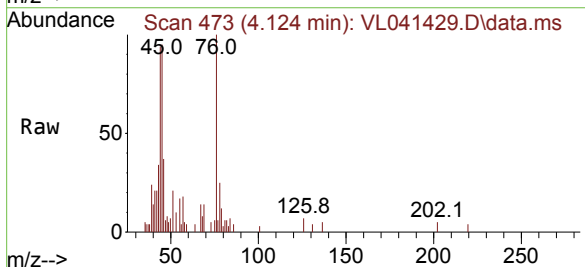
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

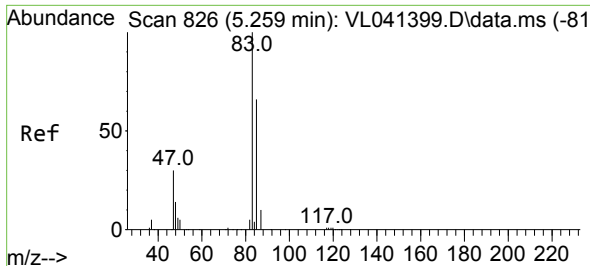
Tgt Ion: 57 Resp: 745884
Ion Ratio Lower Upper
57 100
41 96.7 74.0 111.0
43 90.8 193.6 290.4#
56 56.0 43.1 64.7



#27
Carbon Disulfide
Concen: 0.065 ppbv
RT: 4.124 min Scan# 473
Delta R.T. 0.016 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 76 Resp: 7804
Ion Ratio Lower Upper
76 100
44 75.1 15.6 23.4#
78 16.4 7.7 11.5#

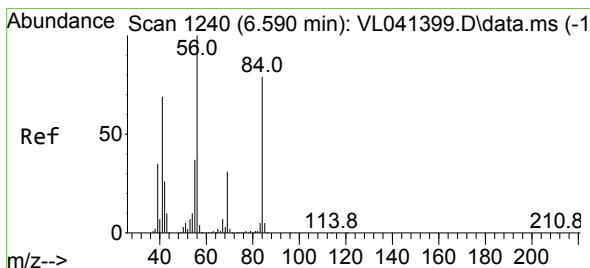
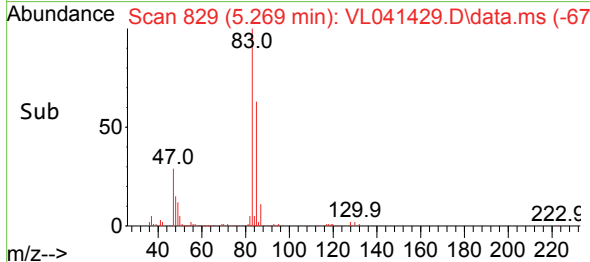
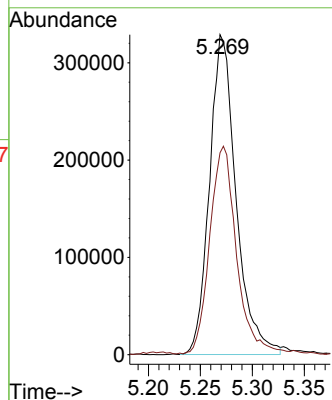
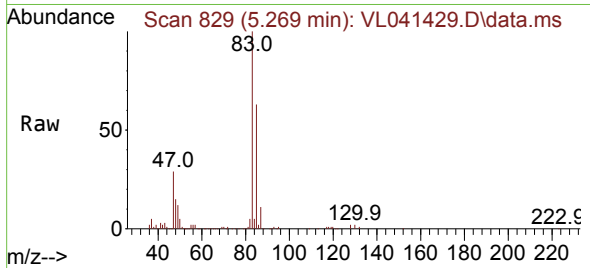




#29
Chloroform
Concen: 3.483 ppbv
RT: 5.269 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

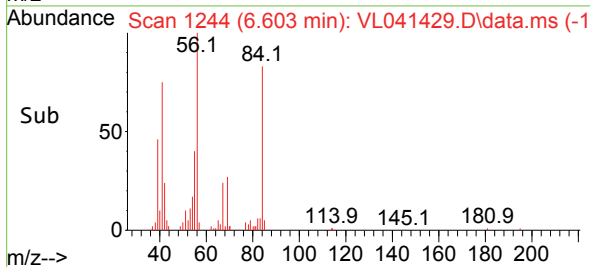
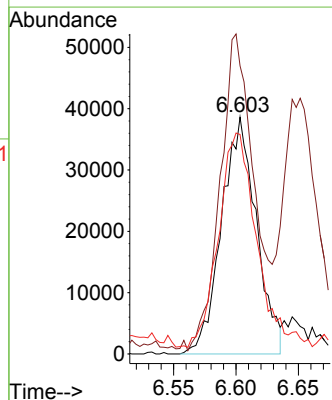
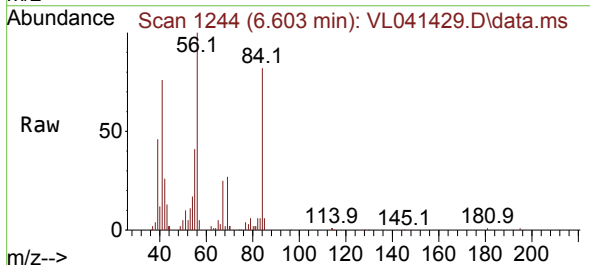
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

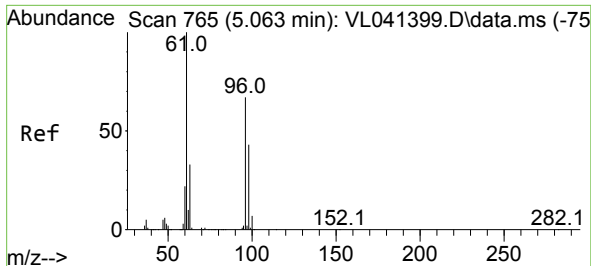
Tgt Ion: 83 Resp: 584663
Ion Ratio Lower Upper
83 100
85 62.7 53.1 79.7



#30
Cyclohexane
Concen: 0.897 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 84 Resp: 75163
Ion Ratio Lower Upper
84 100
56 123.7 111.2 166.8
41 102.8 70.3 105.5

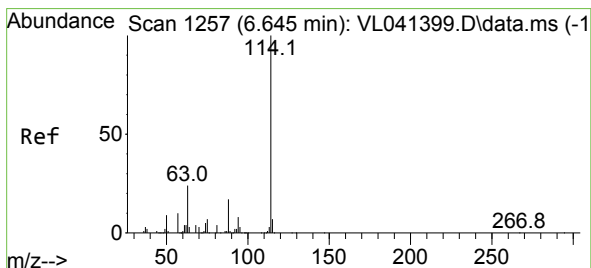
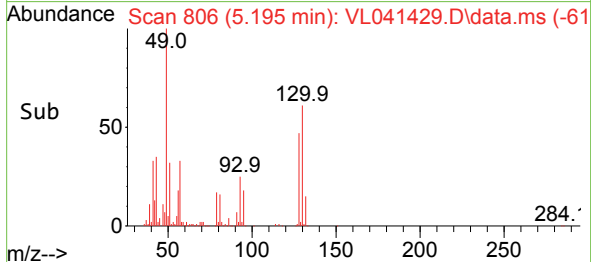
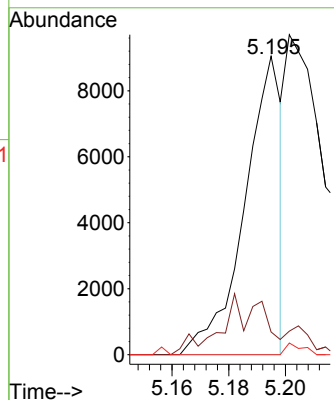
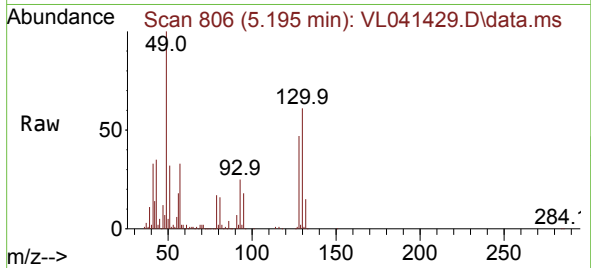




#31
cis-1,2-Dichloroethene
Concen: 0.080 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.129 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

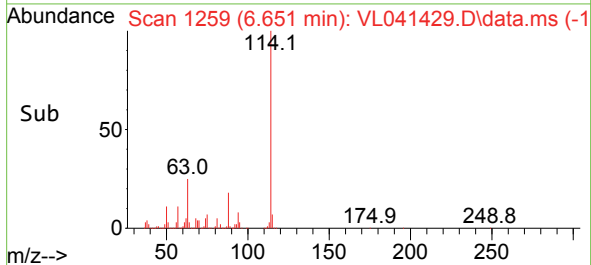
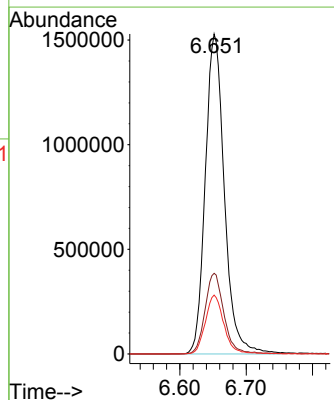
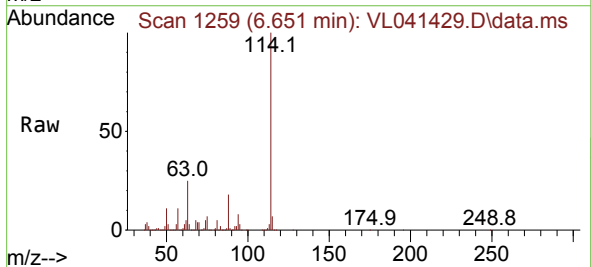
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

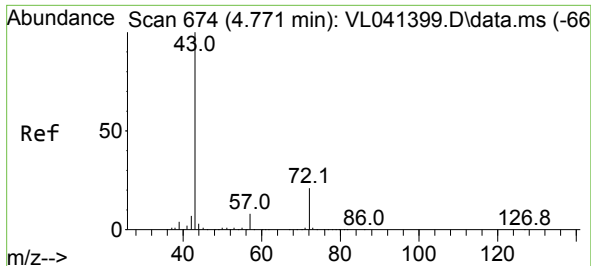
Tgt Ion: 61 Resp: 8150
Ion Ratio Lower Upper
61 100
96 5.6 53.4 80.2#
98 0.0 34.4 51.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 114 Resp: 3056620
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 18.0 14.3 21.5

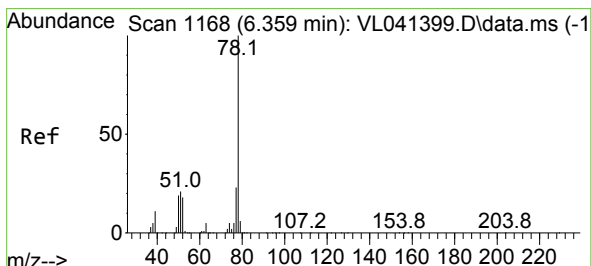
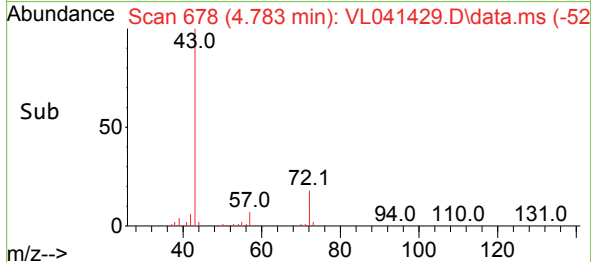
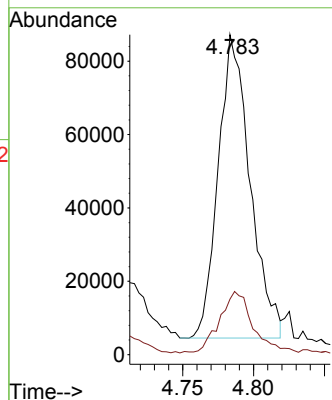
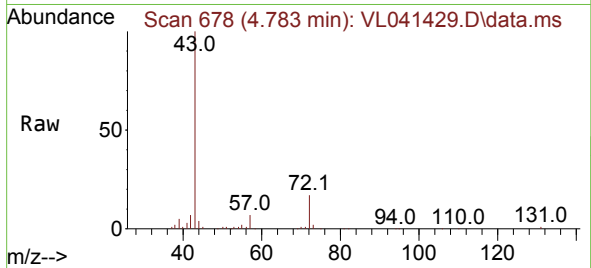




#34
2-Butanone
Concen: 0.874 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

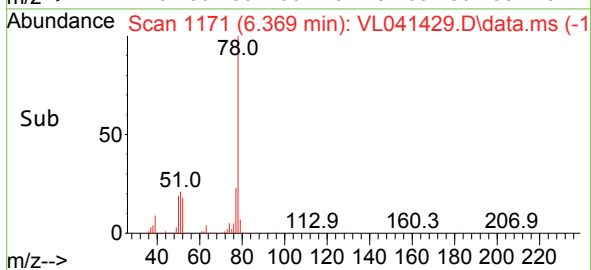
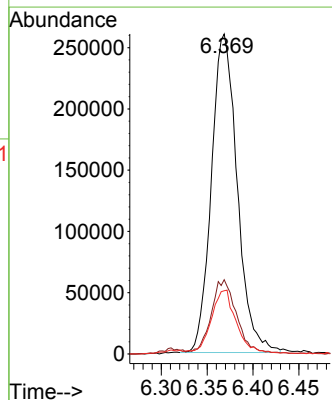
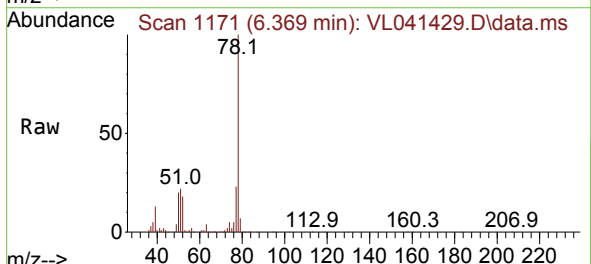
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

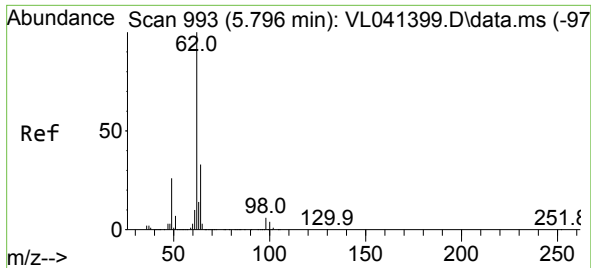
Tgt Ion: 43 Resp: 129242
Ion Ratio Lower Upper
43 100
72 24.7 17.3 25.9



#36
Benzene
Concen: 2.278 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 78 Resp: 508706
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1
50 19.5 15.5 23.3

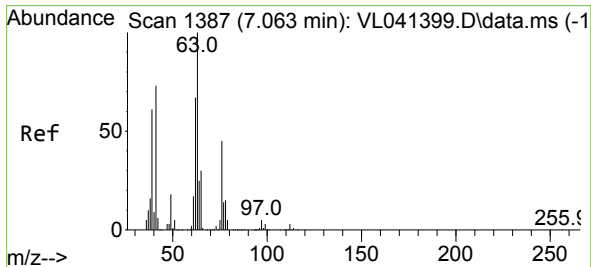
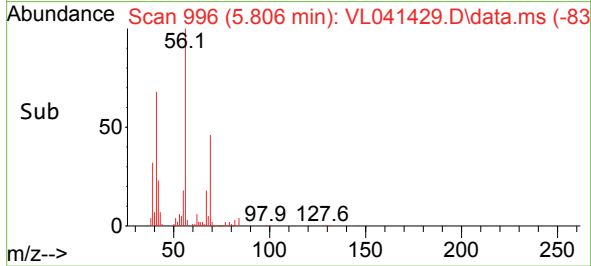
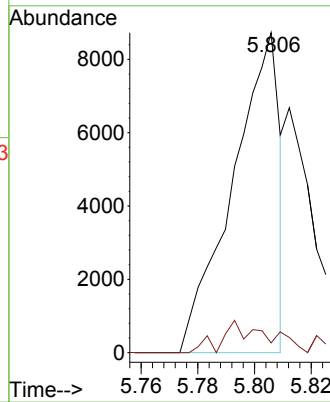
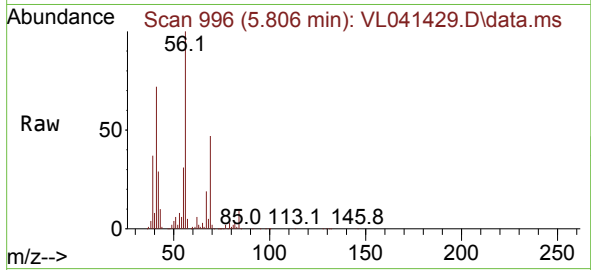




#37
1,2-Dichloroethane
Concen: 0.080 ppbv
RT: 5.806 min Scan# 997
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

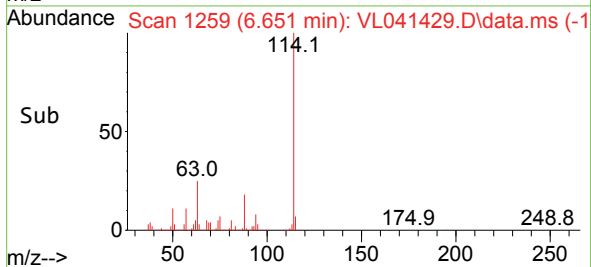
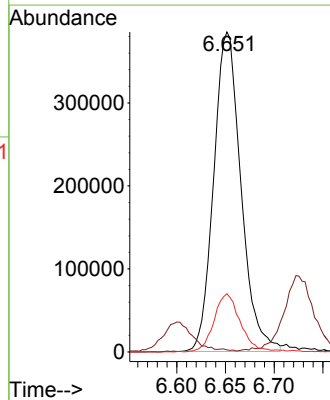
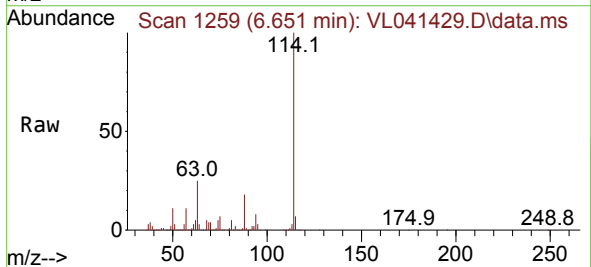
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

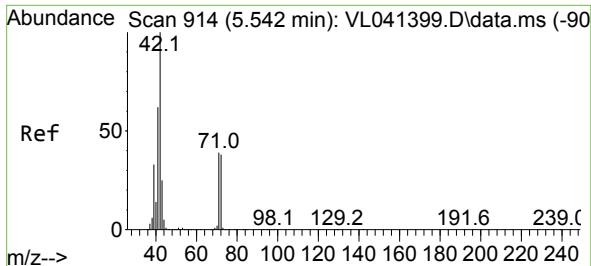
Tgt Ion: 62 Resp: 9997
Ion Ratio Lower Upper
62 100
98 9.4 5.0 7.4#



#39
1,2-Dichloropropane
Concen: 8.747 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.412 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 63 Resp: 747930
Ion Ratio Lower Upper
63 100
41 0.0 58.3 87.5#
62 18.0 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.288 ppbv

RT: 5.565 min Scan# 914

Delta R.T. 0.019 min

Lab File: VL041429.D

Acq: 29 Jul 2024 14:56

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-03

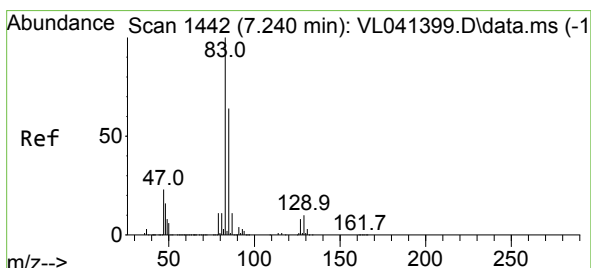
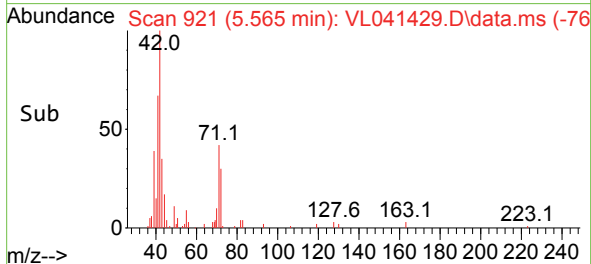
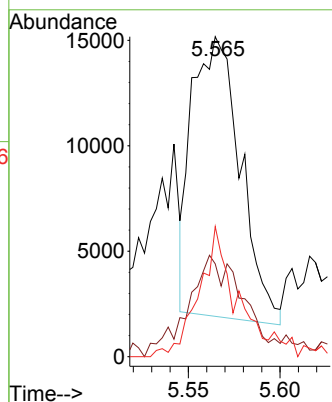
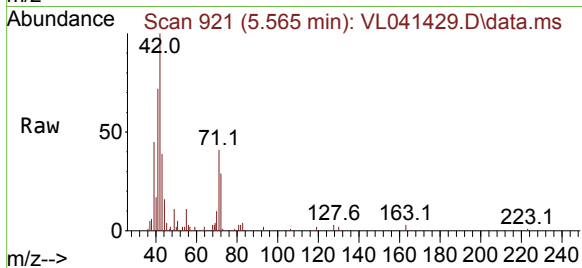
Tgt Ion: 42 Resp: 24327

Ion Ratio Lower Upper

42 100

72 46.9 31.2 46.8#

71 40.1 30.5 45.7



#42

Bromodichloromethane

Concen: 0.050 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. 0.010 min

Lab File: VL041429.D

Acq: 29 Jul 2024 14:56

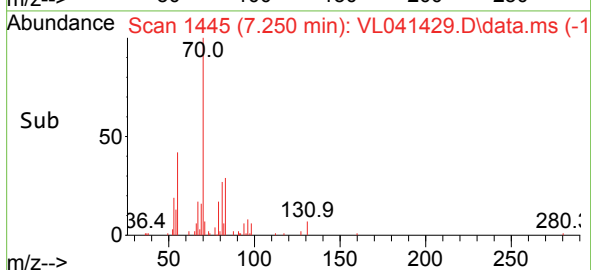
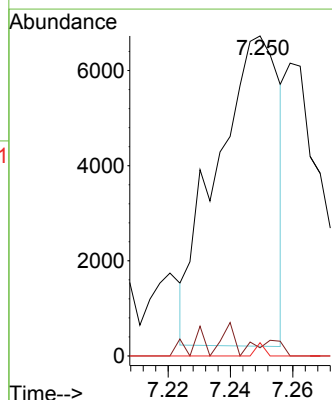
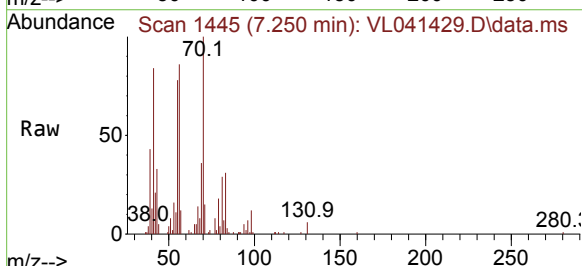
Tgt Ion: 83 Resp: 9068

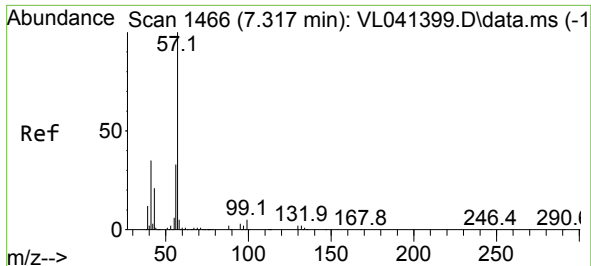
Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

127 5.4 6.7 10.1#

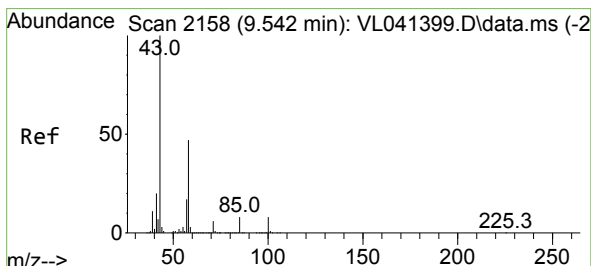
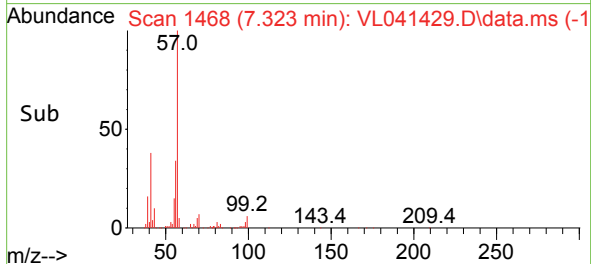
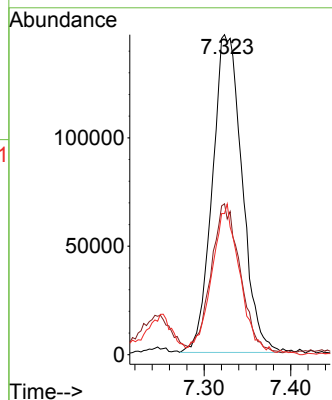
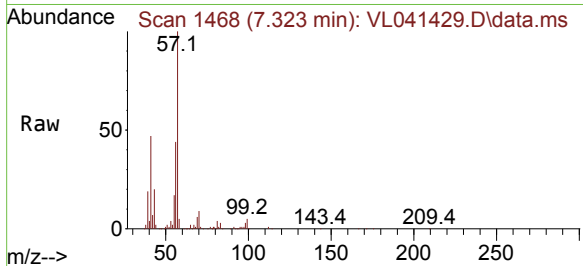




#44
2,2,4-Trimethylpentane
Concen: 0.937 ppbv
RT: 7.323 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

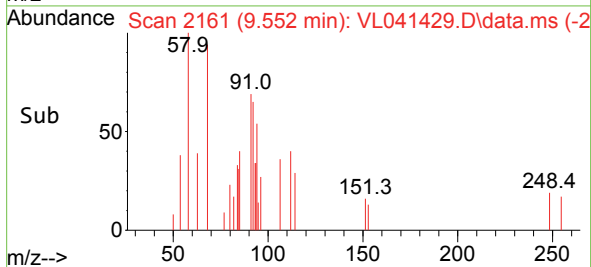
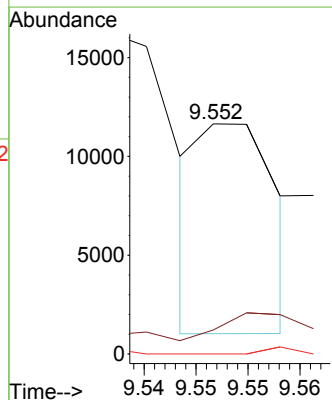
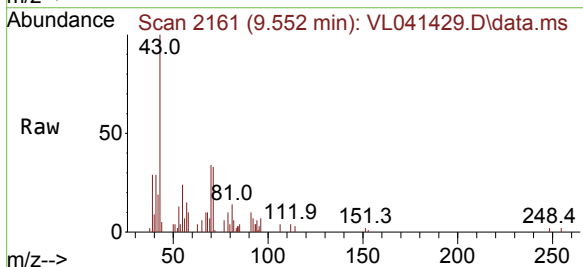
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

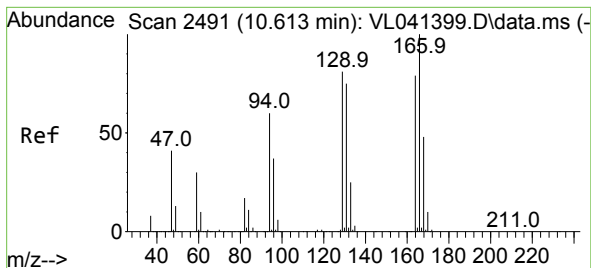
Tgt Ion: 57 Resp: 349413
Ion Ratio Lower Upper
57 100
41 47.4 27.0 40.6#
56 45.6 25.2 37.8#



#51
2-Hexanone
Concen: 0.031 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.010 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 43 Resp: 5438
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2#
98 0.0 0.3 0.5#

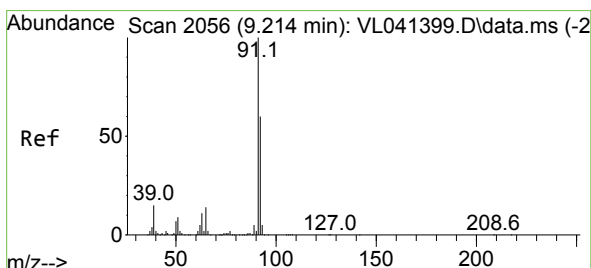
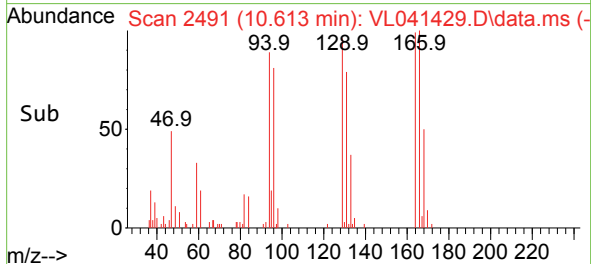
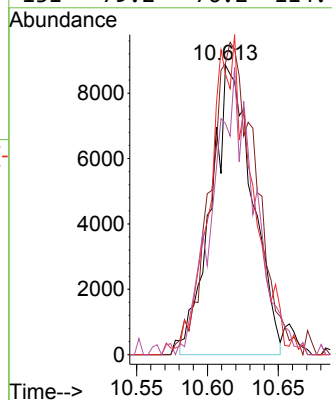
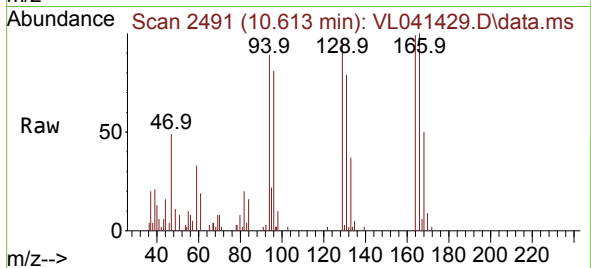




#52
Tetrachloroethene
Concen: 0.208 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

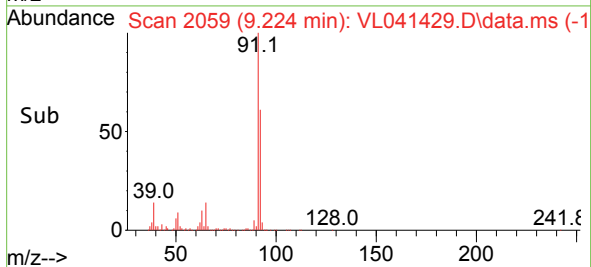
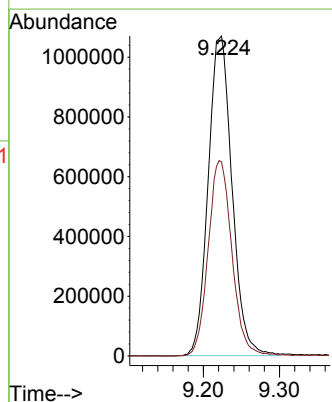
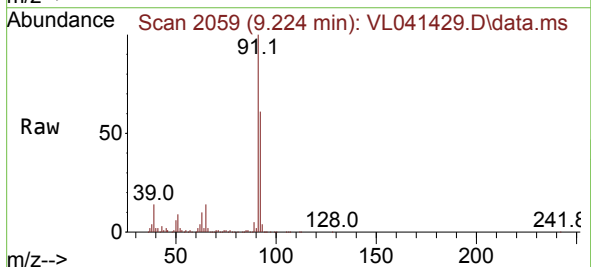
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

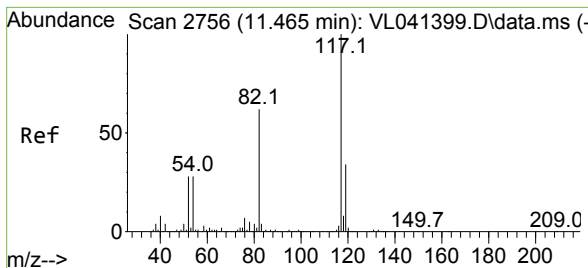
Tgt Ion:164 Resp: 17963
Ion Ratio Lower Upper
164 100
166 99.9 101.1 151.7#
129 98.1 81.7 122.5
131 79.2 76.2 114.4



#53
Toluene
Concen: 9.364 ppbv
RT: 9.224 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 91 Resp: 2329671
Ion Ratio Lower Upper
91 100
92 61.5 48.7 73.1

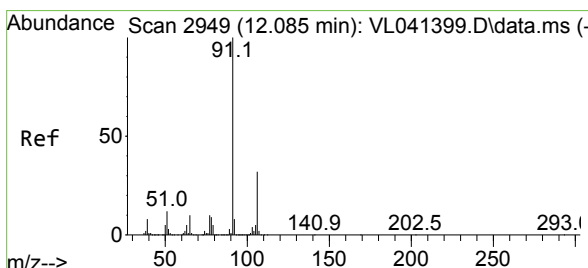
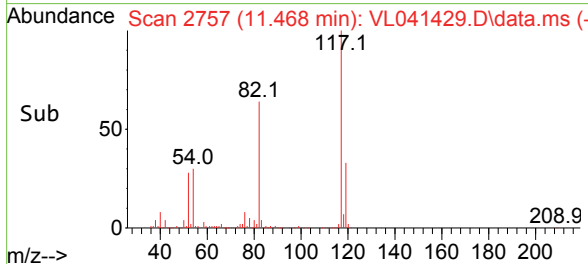
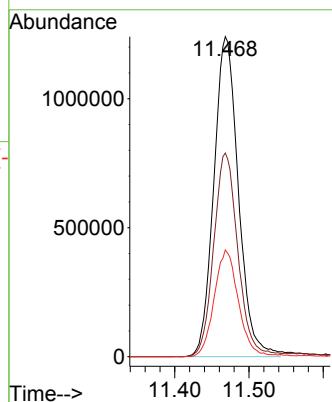
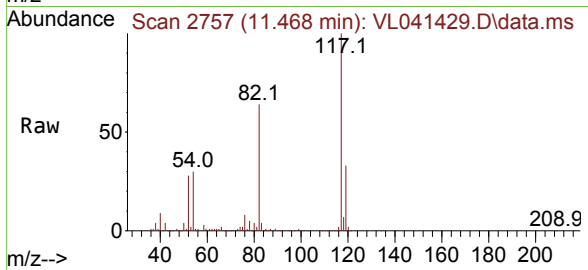




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

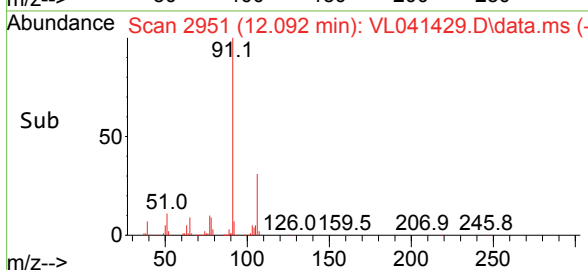
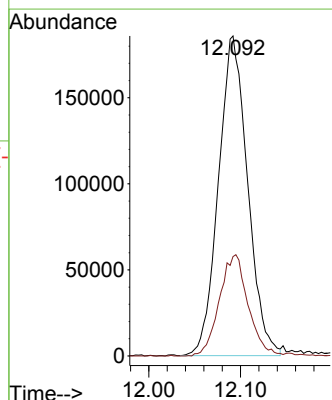
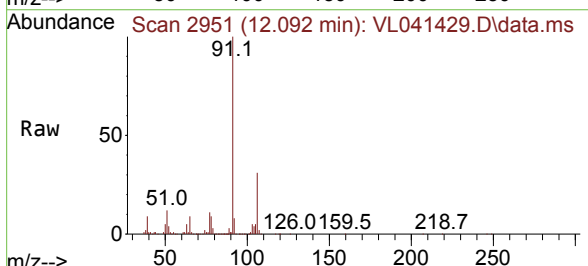
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

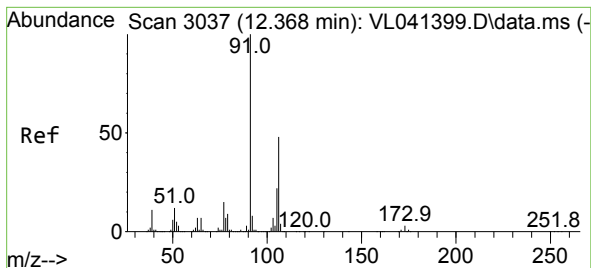
Tgt Ion:117 Resp: 2853035
Ion Ratio Lower Upper
117 100
82 64.6 51.0 76.6
119 33.7 45.2 67.8#



#58
Ethyl Benzene
Concen: 1.246 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 91 Resp: 409896
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.8

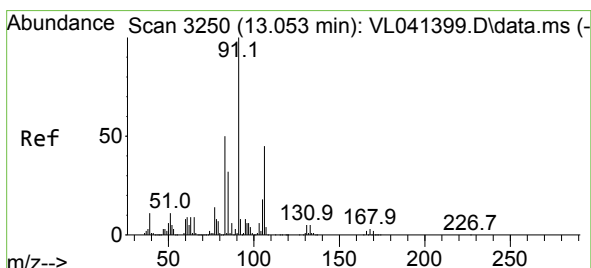
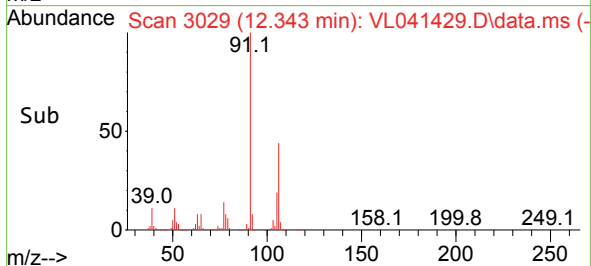
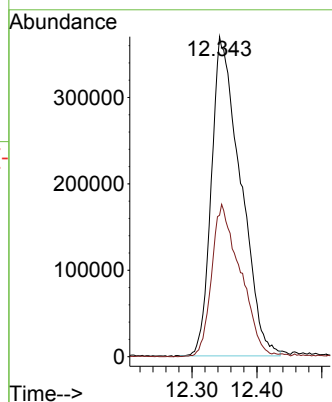
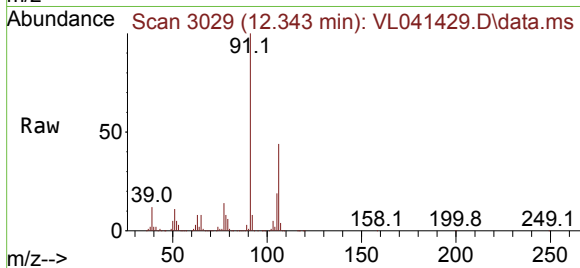




#59
m/p-Xylene
Concen: 4.058 ppbv
RT: 12.343 min Scan# 3037
Delta R.T. -0.026 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

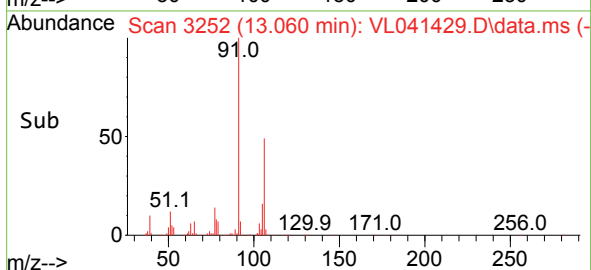
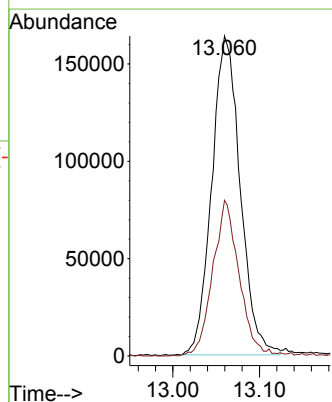
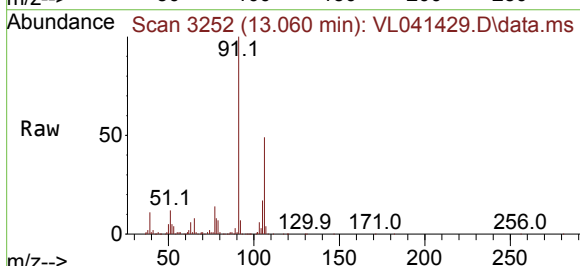
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

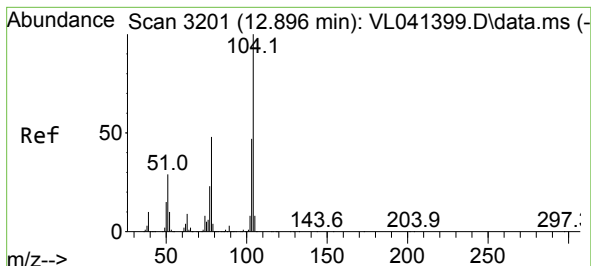
Tgt Ion: 91 Resp: 1151849
Ion Ratio Lower Upper
91 100
106 47.3 36.3 54.5



#60
o-Xylene
Concen: 1.391 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 91 Resp: 373529
Ion Ratio Lower Upper
91 100
106 45.6 23.1 69.3





#61

Styrene

Concen: 0.633 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041429.D

Acq: 29 Jul 2024 14:56

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-03

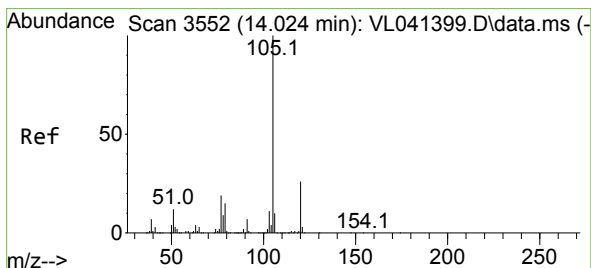
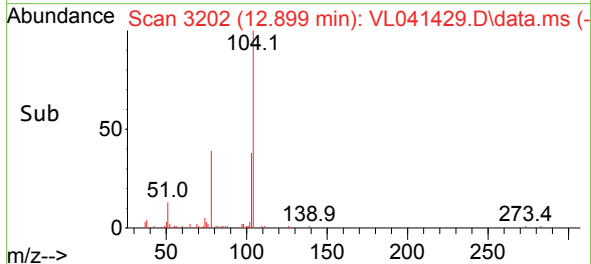
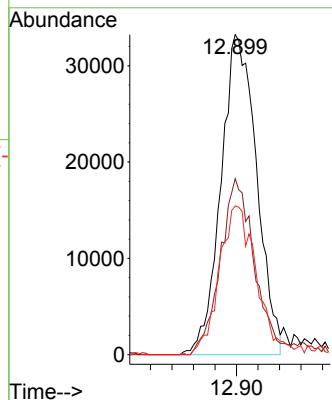
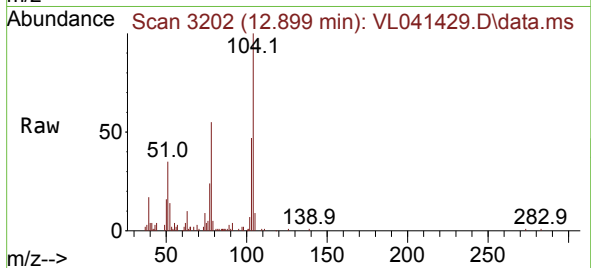
Tgt Ion:104 Resp: 76627

Ion Ratio Lower Upper

104 100

78 55.6 40.8 61.2

103 50.0 38.2 57.4



#62

Isopropylbenzene

Concen: 0.048 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. -0.000 min

Lab File: VL041429.D

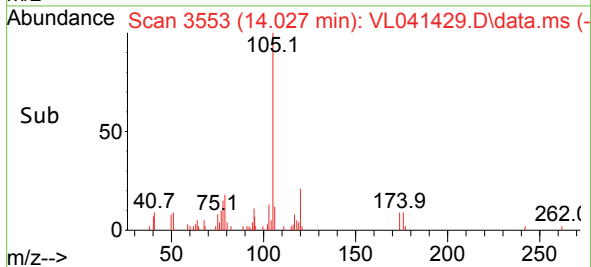
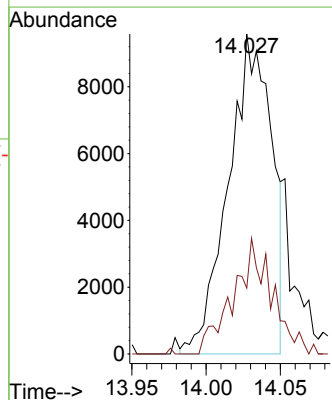
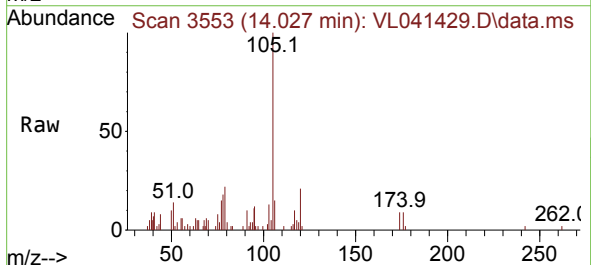
Acq: 29 Jul 2024 14:56

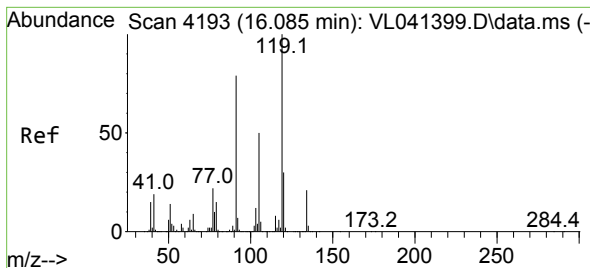
Tgt Ion:105 Resp: 19423

Ion Ratio Lower Upper

105 100

120 32.3 21.0 31.4#

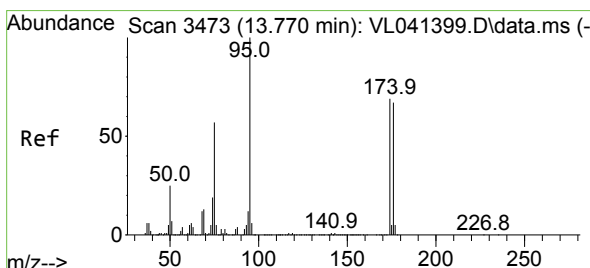
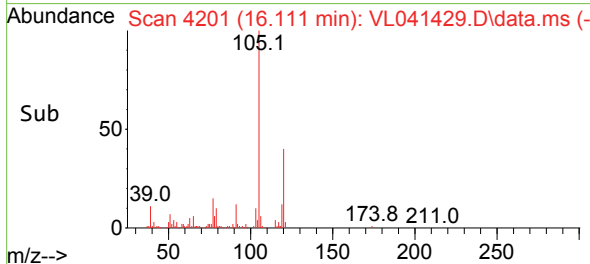
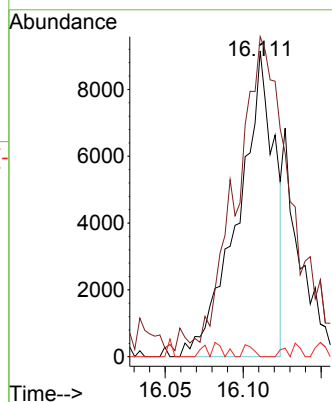
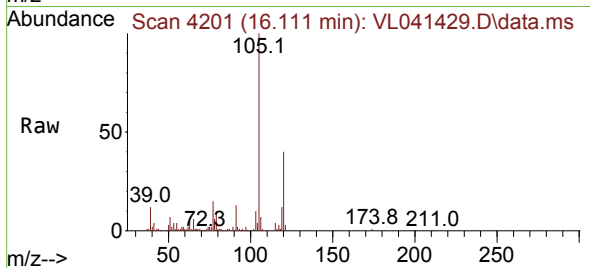




#65
tert-Butylbenzene
Concen: 0.040 ppbv
RT: 16.111 min Scan# 4193
Delta R.T. 0.019 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

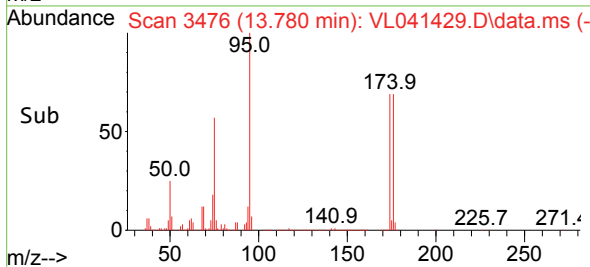
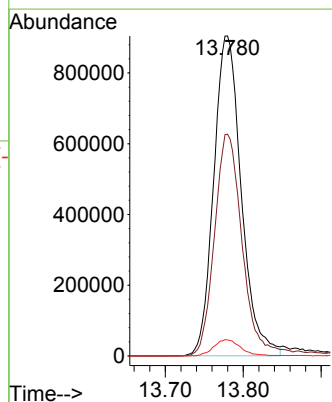
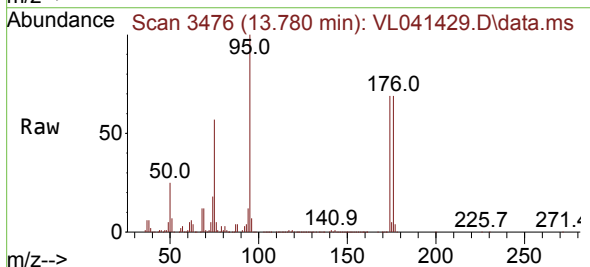
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03

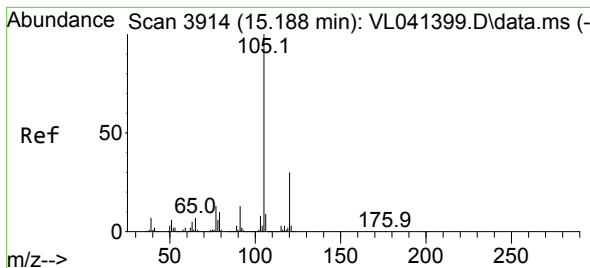
Tgt Ion:119 Resp: 14790
Ion Ratio Lower Upper
119 100
91 159.9 64.2 96.2#
134 0.0 15.7 23.5#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.138 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.006 min
Lab File: VL041429.D
Acq: 29 Jul 2024 14:56

Tgt Ion: 95 Resp: 2225865
Ion Ratio Lower Upper
95 100
174 71.5 56.3 84.5
175 5.1 4.0 6.0





#72

4-Ethyltoluene

Concen: 0.130 ppbv

RT: 15.198 min Scan# 3917

Delta R.T. 0.006 min

Lab File: VL041429.D

Acq: 29 Jul 2024 14:56

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-03

Tgt Ion:105 Resp: 41017

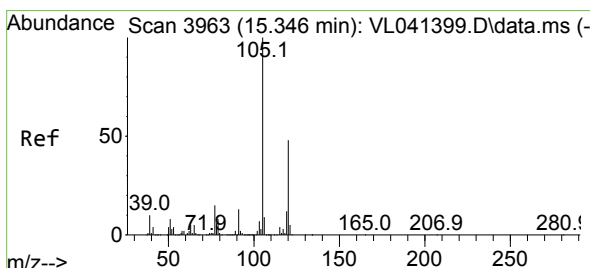
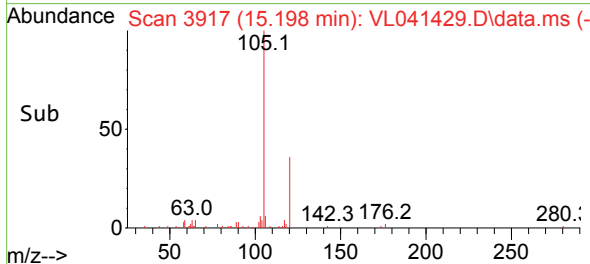
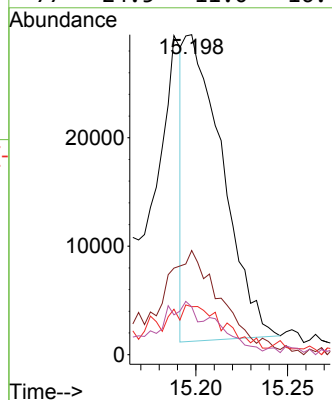
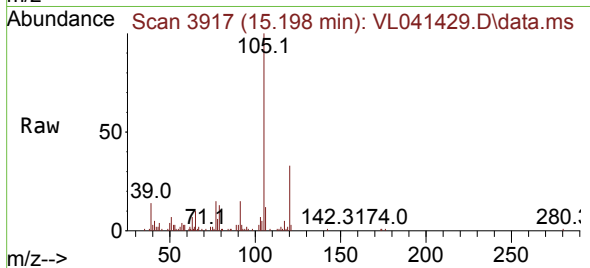
Ion Ratio Lower Upper

105 100

120 47.9 24.2 36.2#

91 30.4 10.4 15.6#

77 24.5 11.0 16.4#



#73

1,3,5-Trimethylbenzene

Concen: 0.090 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VL041429.D

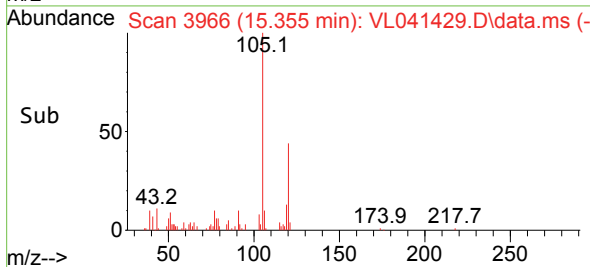
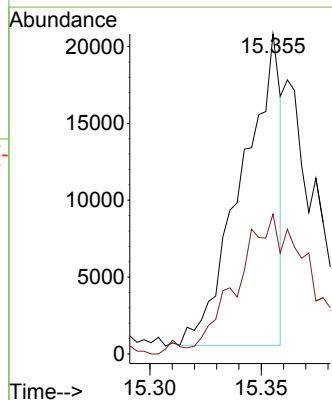
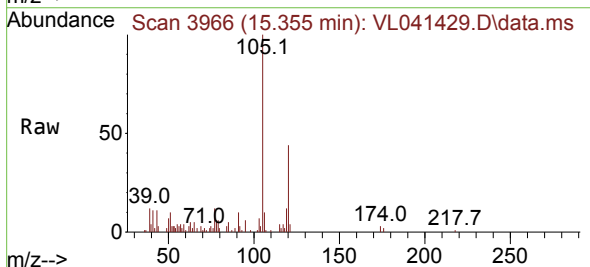
Acq: 29 Jul 2024 14:56

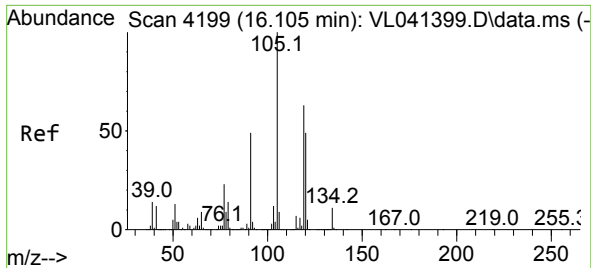
Tgt Ion:105 Resp: 24540

Ion Ratio Lower Upper

105 100

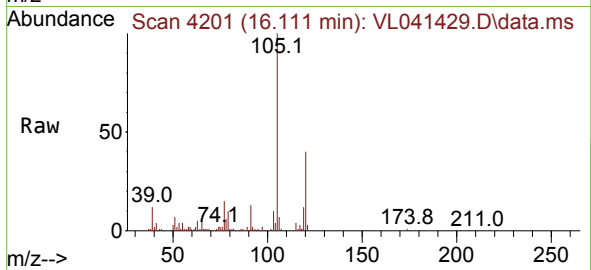
120 42.6 38.6 57.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.546 ppbv
 RT: 16.111 min Scan# 4199
 Delta R.T. 0.003 min
 Lab File: VL041429.D
 Acq: 29 Jul 2024 14:56

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-03



Tgt Ion:	105	Resp:	173024
Ion	Ratio	Lower	Upper
105	100		
120	40.1	39.5	59.3
91	12.7	39.8	59.8#
77	14.4	18.2	27.4#

