

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040850.D
 Acq On : 14 Nov 2023 14:37
 Operator : SY/MD
 Sample : 05365-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Quant Time: Nov 22 00:44:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1056375	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2653988	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.442	117	2267297	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1751483	9.867	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	104933	0.490	ppbv	90
3) Chlorodifluoromethane	2.671	51	1057712	6.271	ppbv #	62
4) Chloromethane	2.825	50	44624	0.736	ppbv	93
9) Propene	2.886	41	1189388	20.925	ppbv	94
10) Heptane	7.562	43	82132	0.587	ppbv	91
11) Trichlorofluoromethane	3.571	101	40133	0.244	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.076	101	5466	0.047	ppbv #	50
13) Ethanol	3.253	45	3885050	351.998	ppbv #	100
15) Acetone	3.475	43	1404379	12.482	ppbv #	70
16) 1,3-Butadiene	3.025	39	504503	8.863	ppbv #	14
17) tert-Butyl alcohol	3.896	59	6089	0.063	ppbv #	71
19) Isopropyl Alcohol	3.591	45	3011169	44.473	ppbv #	98
20) Methylene Chloride	3.938	84	524977	11.307	ppbv	97
21) Allyl Chloride	3.960	41	40814	0.567	ppbv #	52
23) Vinyl Acetate	4.613	43	127204	0.876	ppbv #	1
25) Ethyl Acetate	5.205	43	495775	2.128	ppbv #	86
26) Hexane	5.211	57	515137	4.996	ppbv #	51
27) Carbon Disulfide	4.134	76	8388	0.064	ppbv #	60
29) Chloroform	5.269	83	423102	2.421	ppbv	98
30) Cyclohexane	6.584	84	17047	0.192	ppbv #	1
31) cis-1,2-Dichloroethene	5.198	61	15716	0.154	ppbv #	28
34) 2-Butanone	4.787	43	100932	0.747	ppbv	96
36) Benzene	6.359	78	209508	0.973	ppbv	99
39) 1,2-Dichloropropane	6.642	63	669794	7.843	ppbv #	24
41) Tetrahydrofuran	5.558	42	2701	0.032	ppbv #	1
44) 2,2,4-Trimethylpentane	7.311	57	211383	0.591	ppbv #	82
51) 2-Hexanone	9.516	43	5508	0.037	ppbv #	73
52) Tetrachloroethene	10.590	164	6414	0.088	ppbv	88
53) Toluene	9.198	91	574057	2.422	ppbv	99
58) Ethyl Benzene	12.066	91	153041	0.517	ppbv	93
59) m/p-Xylene	12.343	91	124831	0.496	ppbv #	32
60) o-Xylene	13.034	91	180409	0.752	ppbv	98
61) Styrene	12.870	104	8474	0.073	ppbv #	1
64) n-propylbenzene	14.883	120	3647	0.041	ppbv #	1
65) tert-Butylbenzene	16.066	119	9066	0.030	ppbv #	17
66) Benzyl Chloride	16.085	91	15536	1.411	ppbv #	62
69) p-Isopropyltoluene	16.970	119	51263	0.151	ppbv	95
72) 4-Ethyltoluene	15.166	105	67517	0.256	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.320	105	26060	0.112	ppbv	87
74) 1,2,4-Trimethylbenzene	16.079	105	250243	0.962	ppbv #	63
76) 1,4-Dichlorobenzene	16.445	146	11377	0.083	ppbv #	32
79) Naphthalene	21.371	128	4230	0.032	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040850.D
Acq On : 14 Nov 2023 14:37
Operator : SY/MD
Sample : 05365-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

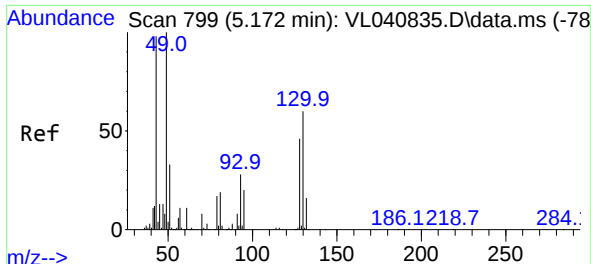
Quant Time: Nov 22 00:44:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

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

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

Quant Time: Nov 22 00:44:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Nov 20 03:50:24 2023
Response via : Initial Calibration

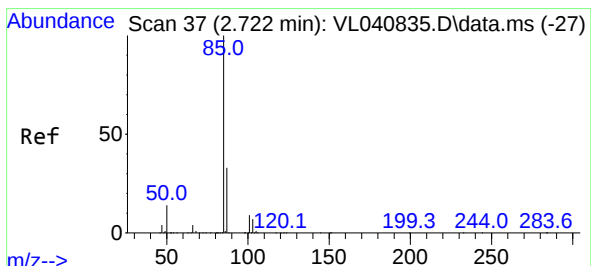
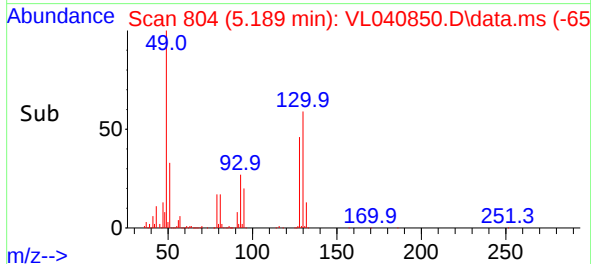
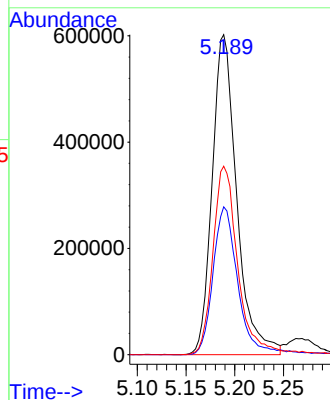
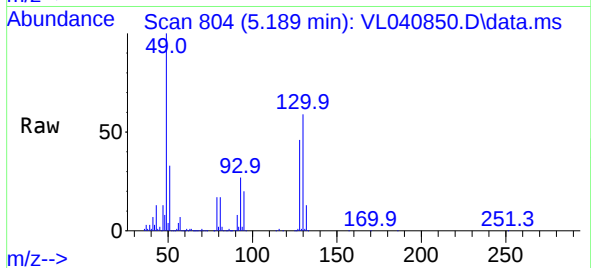




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

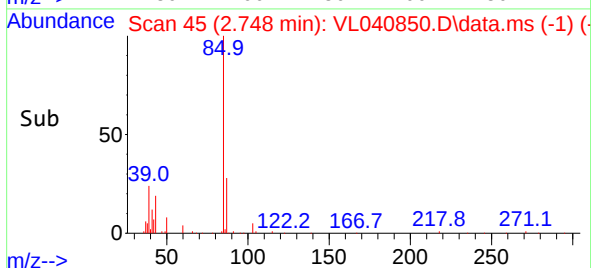
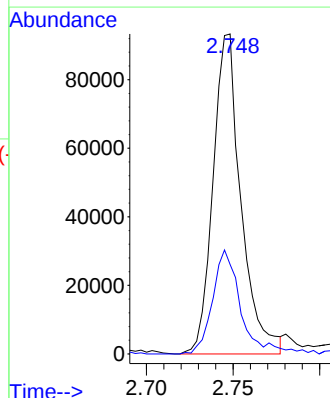
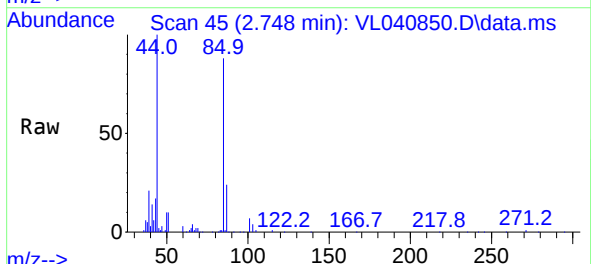
Instrument :
MSVOA_L
ClientSampleId :
IA1

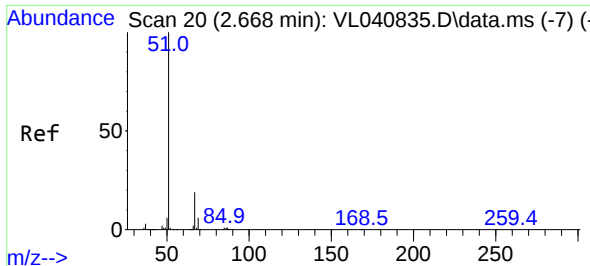
Tgt Ion: 49 Resp: 1056375
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.2
130 60.8 30.9 92.8



#2
Dichlorodifluoromethane
Concen: 0.490 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 85 Resp: 104933
Ion Ratio Lower Upper
85 100
87 28.0 26.7 40.1

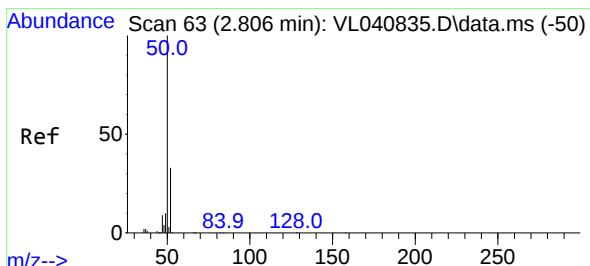
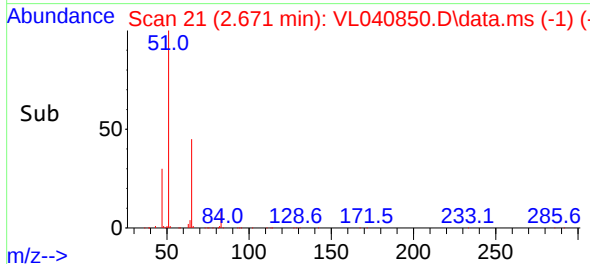
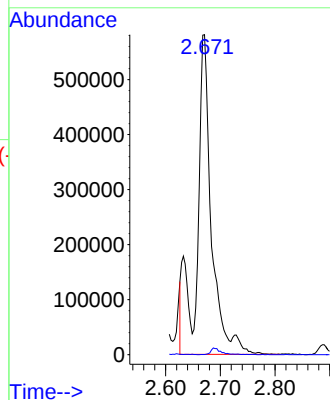
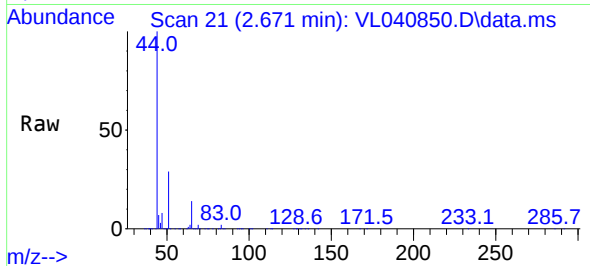




#3
Chlorodifluoromethane
Concen: 6.271 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.048 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

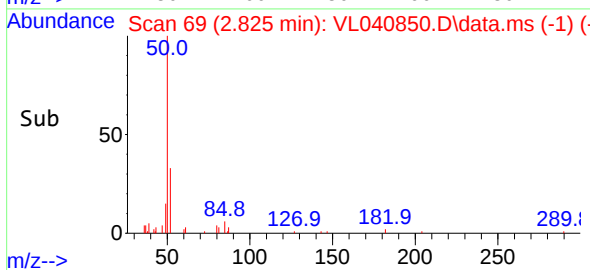
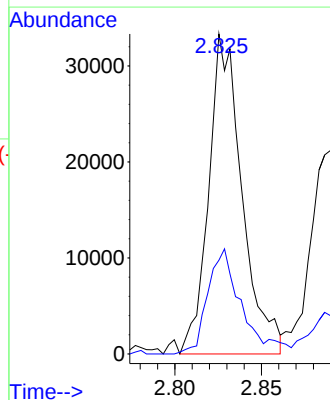
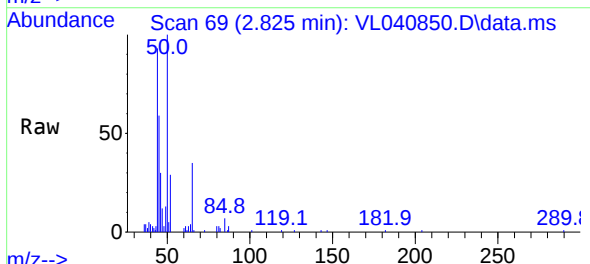
Instrument :
MSVOA_L
ClientSampleId :
IA1

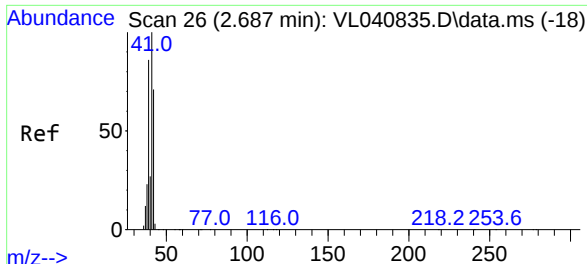
Tgt Ion: 51 Resp: 1057712
Ion Ratio Lower Upper
51 100
67 1.6 15.0 22.4#



#4
Chloromethane
Concen: 0.736 ppbv
RT: 2.825 min Scan# 69
Delta R.T. -0.029 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 50 Resp: 44624
Ion Ratio Lower Upper
50 100
52 29.3 26.5 39.7

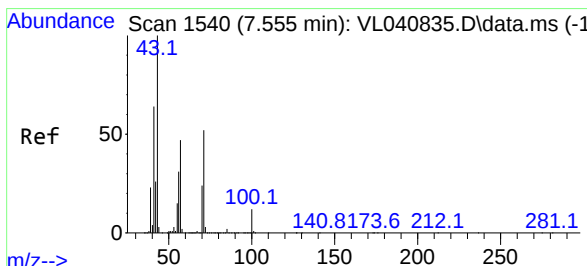
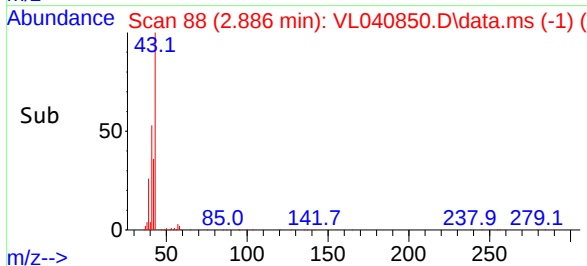
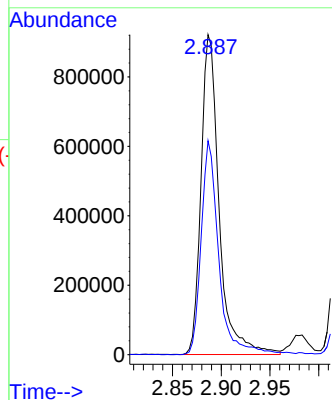
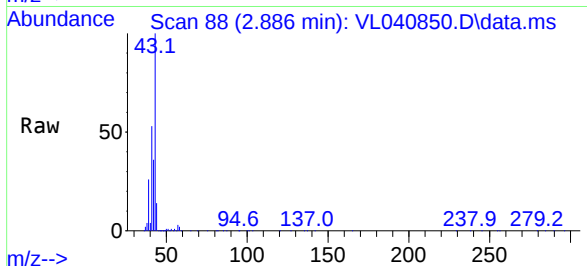




#9
 Propene
 Concen: 20.925 ppbv
 RT: 2.886 min Scan# 81
 Delta R.T. 0.148 min
 Lab File: VL040850.D
 Acq: 14 Nov 2023 14:37

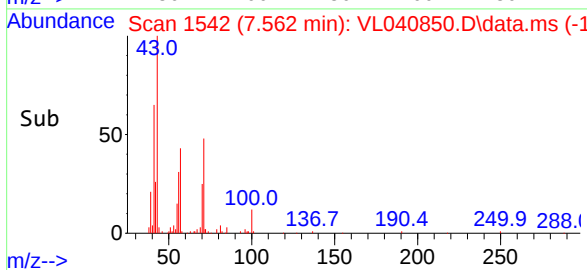
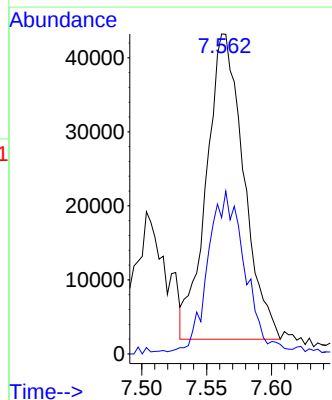
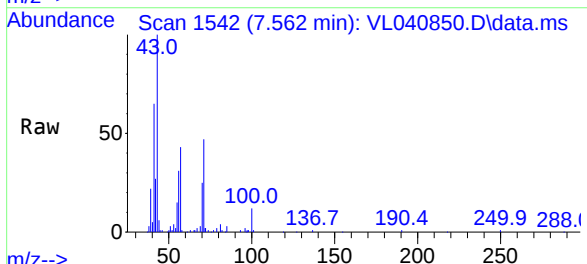
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

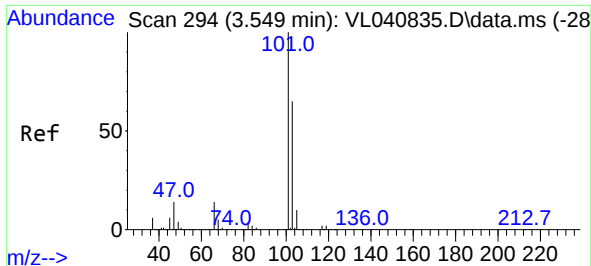
Tgt Ion: 41 Resp: 1189388
 Ion Ratio Lower Upper
 41 100
 42 65.8 56.5 84.7



#10
 Heptane
 Concen: 0.587 ppbv
 RT: 7.562 min Scan# 1542
 Delta R.T. -0.026 min
 Lab File: VL040850.D
 Acq: 14 Nov 2023 14:37

Tgt Ion: 43 Resp: 82132
 Ion Ratio Lower Upper
 43 100
 57 55.3 39.4 59.0

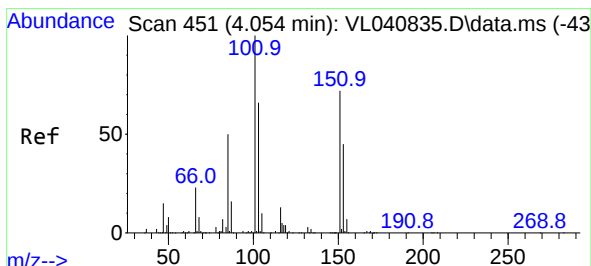
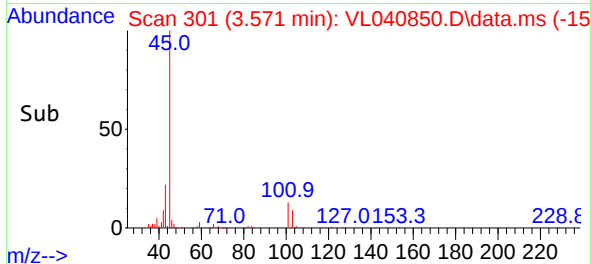
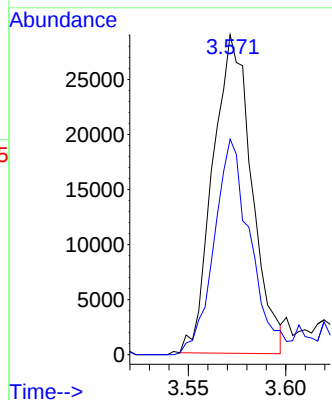
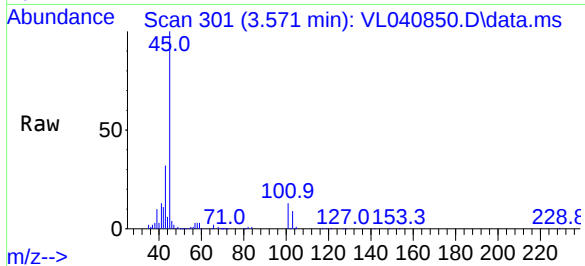




#11
 Trichlorofluoromethane
 Concen: 0.244 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. -0.023 min
 Lab File: VL040850.D
 Acq: 14 Nov 2023 14:37

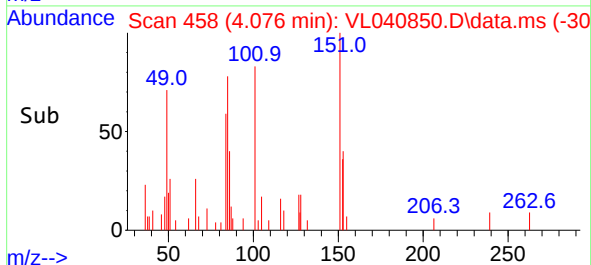
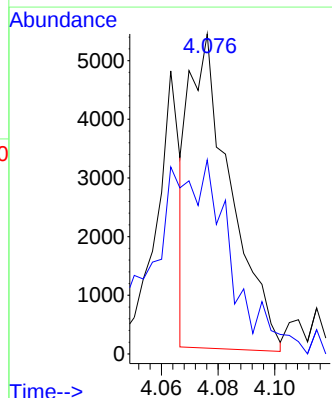
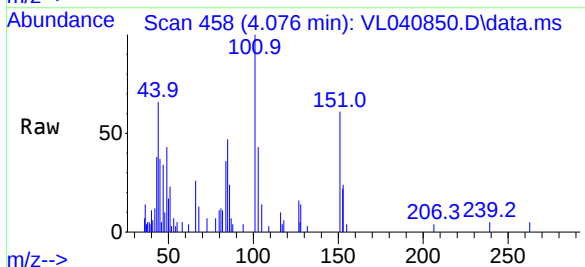
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

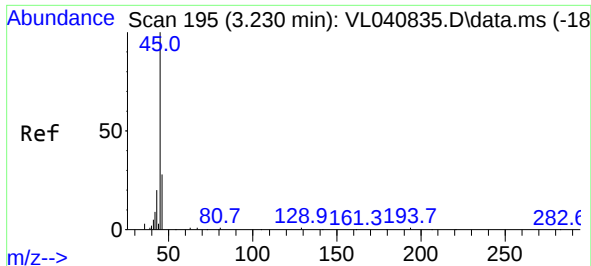
Tgt Ion:101 Resp: 40133
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.047 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. -0.019 min
 Lab File: VL040850.D
 Acq: 14 Nov 2023 14:37

Tgt Ion:101 Resp: 5466
 Ion Ratio Lower Upper
 101 100
 151 113.8 57.8 86.6#

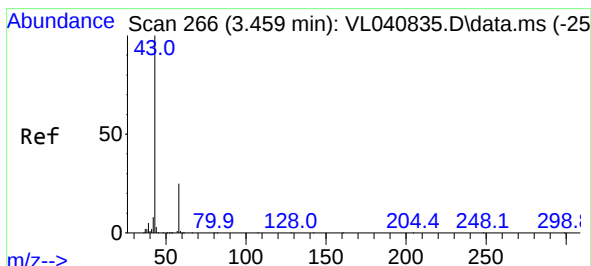
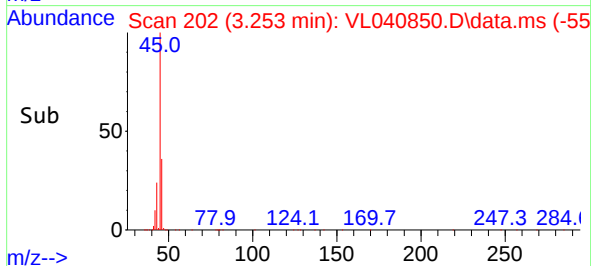
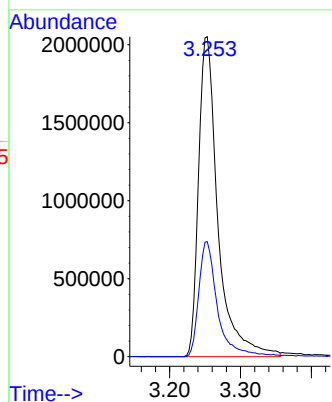
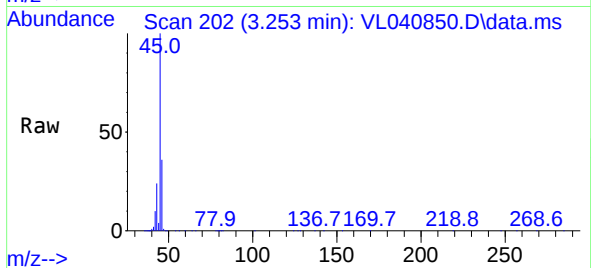




#13
Ethanol
Concen: 351.998 ppbv
RT: 3.253 min Scan# 20
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

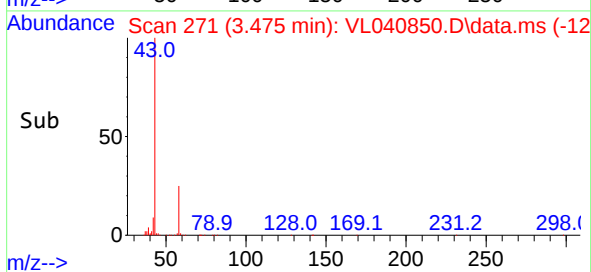
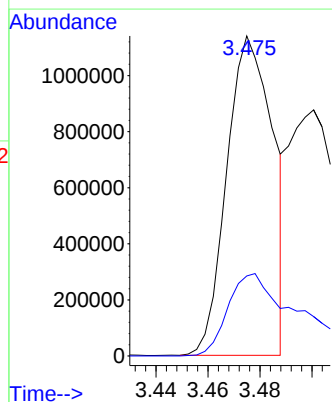
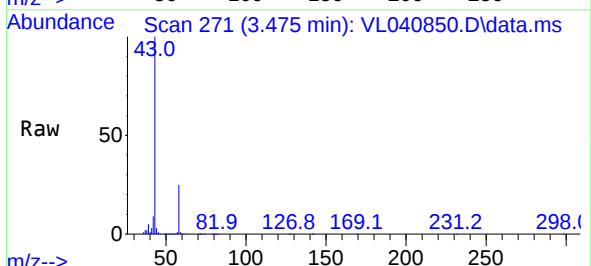
Instrument :
MSVOA_L
ClientSampleId :
IA1

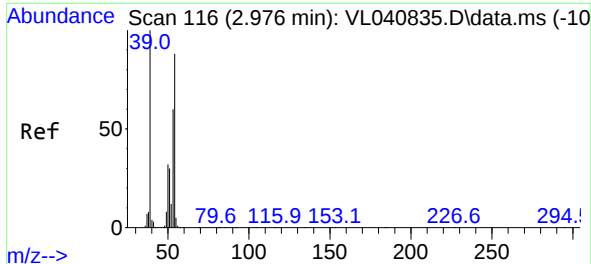
Tgt Ion: 45 Resp: 3885050
Ion Ratio Lower Upper
45 100
46 35.4 0.0 0.0#



#15
Acetone
Concen: 12.482 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 43 Resp: 1404379
Ion Ratio Lower Upper
43 100
58 41.6 20.9 31.3#

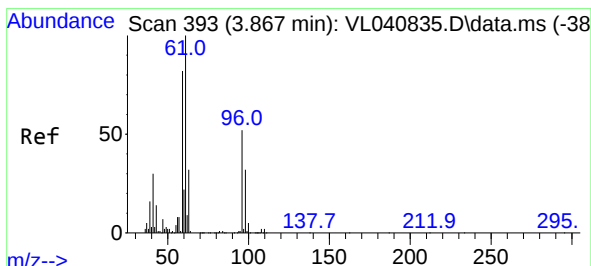
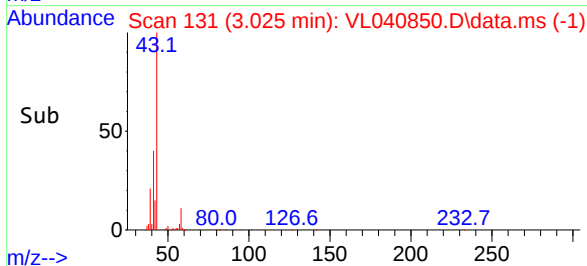
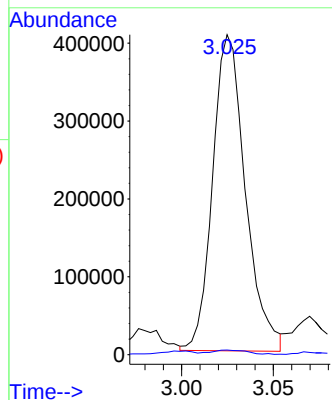
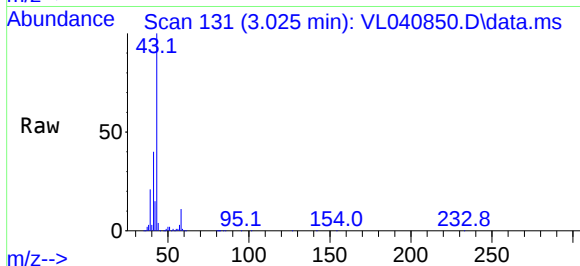




#16
1,3-Butadiene
Concen: 8.863 ppbv
RT: 3.025 min Scan# 116
Delta R.T. -0.000 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

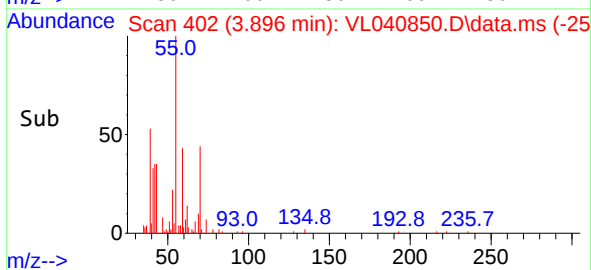
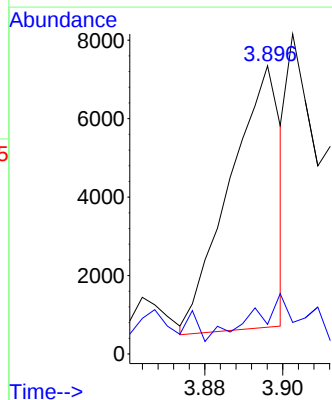
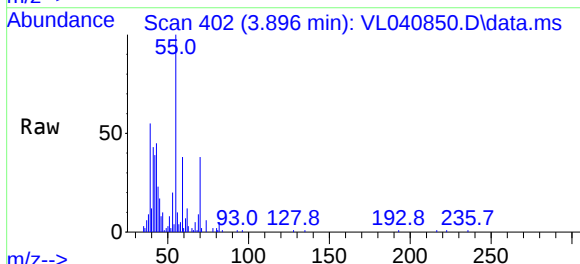
Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 39 Resp: 504503
Ion Ratio Lower Upper
39 100
54 3.0 61.8 92.6#

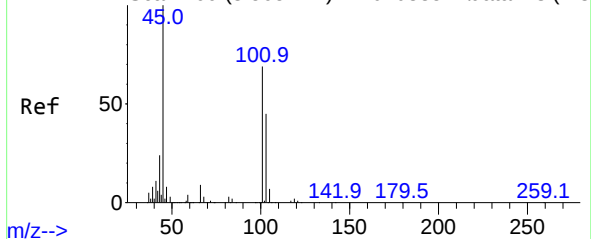


#17
tert-Butyl alcohol
Concen: 0.063 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.013 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

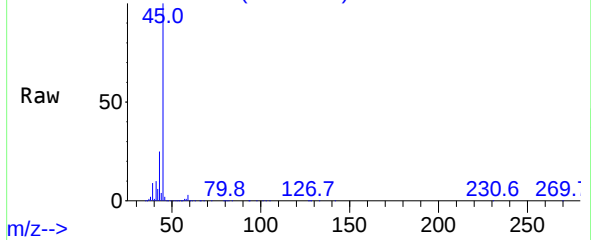
Tgt Ion: 59 Resp: 6089
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



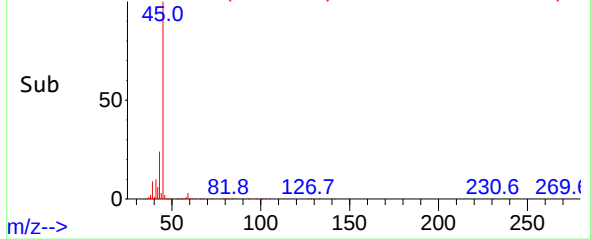
Abundance Scan 299 (3.565 min): VL040835.D\data.ms (-28



Abundance Scan 307 (3.591 min): VL040850.D\data.ms



Abundance Scan 307 (3.591 min): VL040850.D\data.ms (-15



#19

Isopropyl Alcohol

Concen: 44.473 ppbv

RT: 3.591 min Scan# 307

Delta R.T. -0.019 min

Lab File: VL040850.D

Acq: 14 Nov 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

IA1

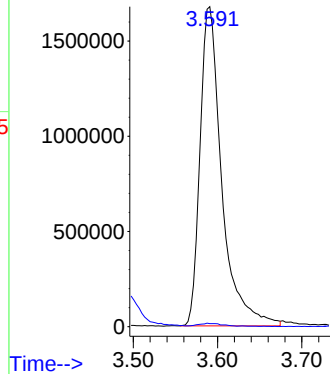
Tgt Ion: 45 Resp: 3011169

Ion Ratio Lower Upper

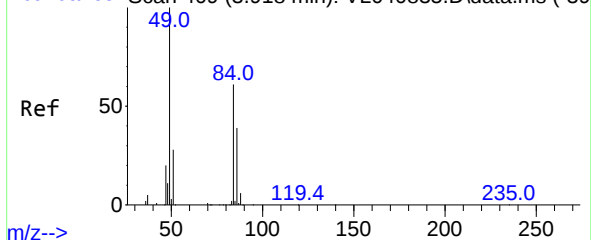
45 100

58 1.2 1.6 2.4#

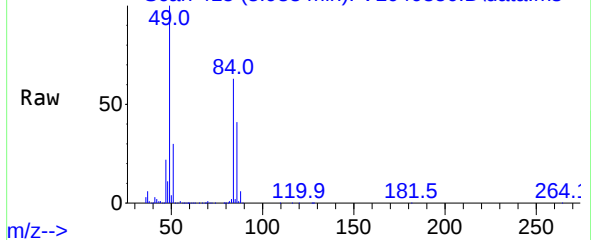
Abundance



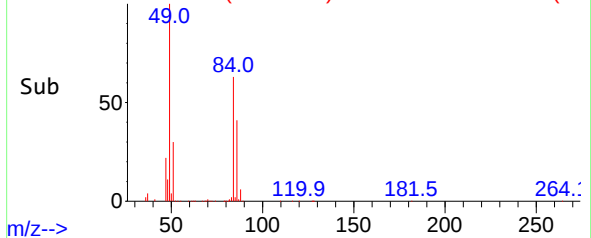
Abundance Scan 409 (3.918 min): VL040835.D\data.ms (-39



Abundance Scan 415 (3.938 min): VL040850.D\data.ms



Abundance Scan 415 (3.938 min): VL040850.D\data.ms (-26



#20

Methylene Chloride

Concen: 11.307 ppbv

RT: 3.938 min Scan# 415

Delta R.T. -0.026 min

Lab File: VL040850.D

Acq: 14 Nov 2023 14:37

Tgt Ion: 84 Resp: 524977

Ion Ratio Lower Upper

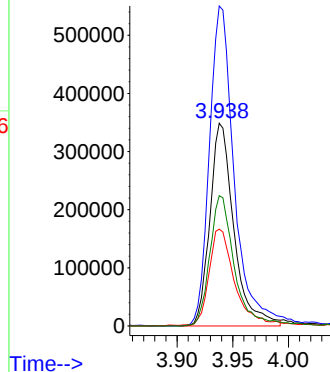
84 100

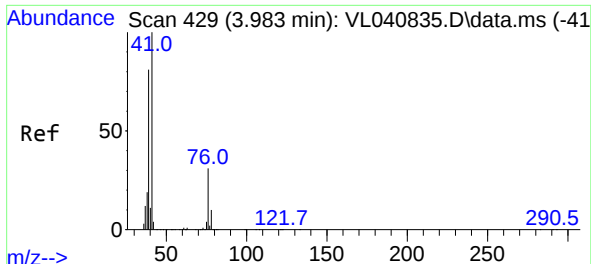
49 157.7 131.0 196.4

51 47.5 36.9 55.3

86 64.2 51.2 76.8

Abundance

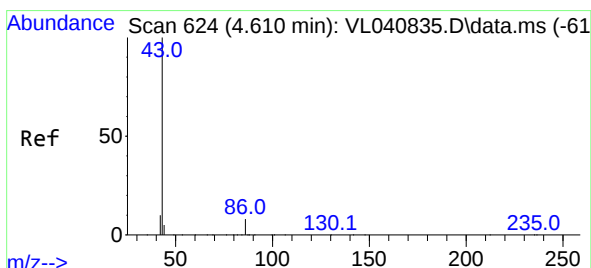
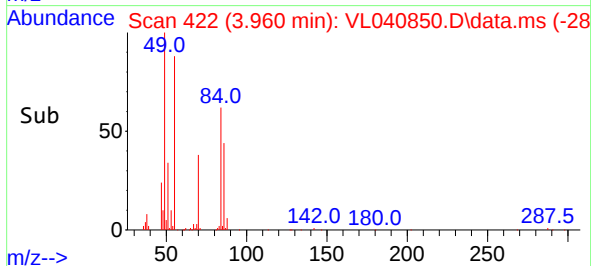
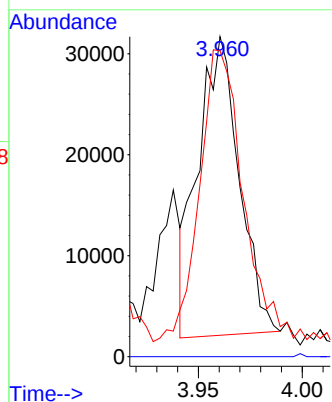
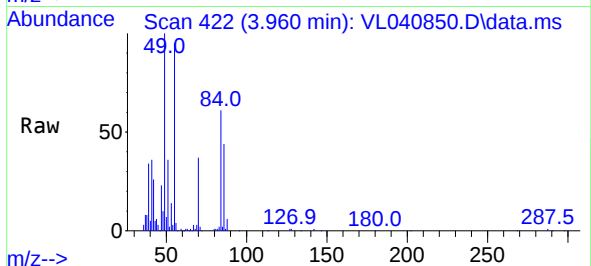




#21
 Allyl Chloride
 Concen: 0.567 ppbv
 RT: 3.960 min Scan# 41
 Delta R.T. -0.064 min
 Lab File: VL040850.D
 Acq: 14 Nov 2023 14:37

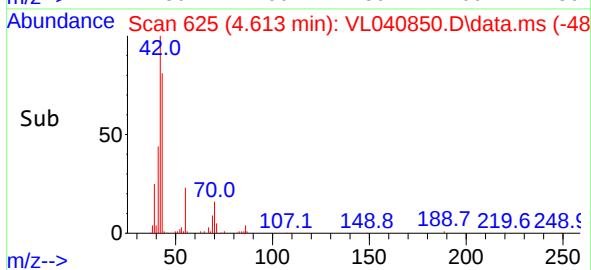
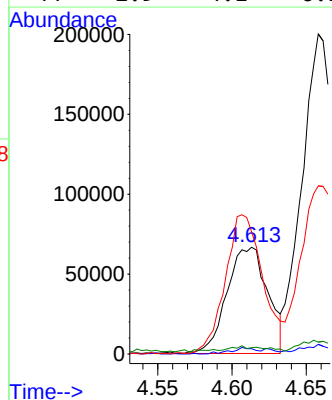
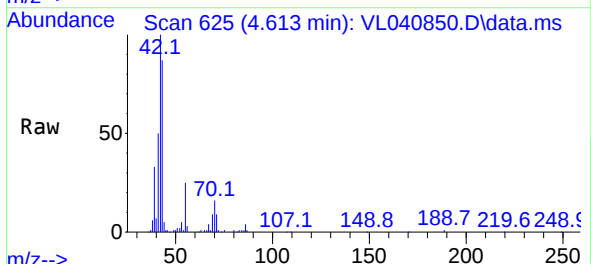
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

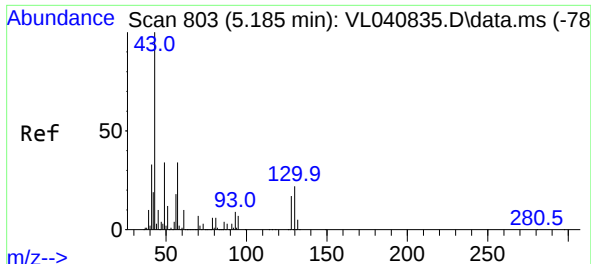
Tgt Ion: 41 Resp: 40814
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.4 36.6#
 39 126.7 68.1 102.1#



#23
 Vinyl Acetate
 Concen: 0.876 ppbv
 RT: 4.613 min Scan# 625
 Delta R.T. -0.035 min
 Lab File: VL040850.D
 Acq: 14 Nov 2023 14:37

Tgt Ion: 43 Resp: 127204
 Ion Ratio Lower Upper
 43 100
 86 5.5 5.5 8.3
 42 113.9 8.2 12.2#
 44 2.9 4.1 6.1#



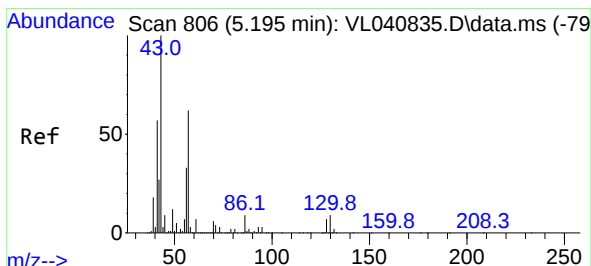
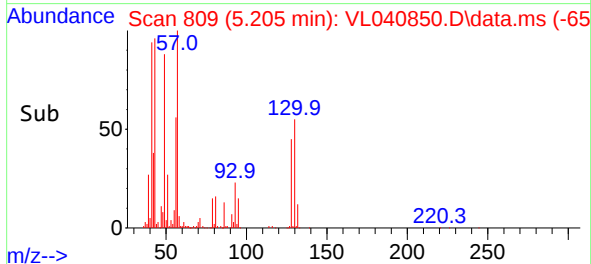
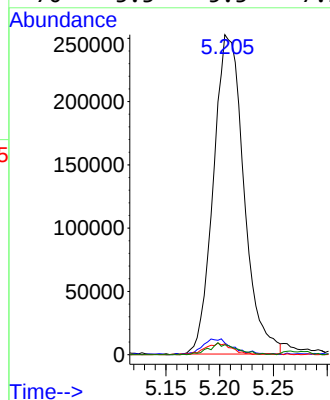
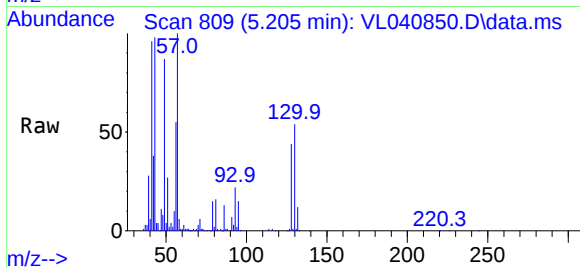


#25
Ethyl Acetate
Concen: 2.128 ppbv
RT: 5.205 min Scan# 803
Delta R.T. -0.016 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 495775

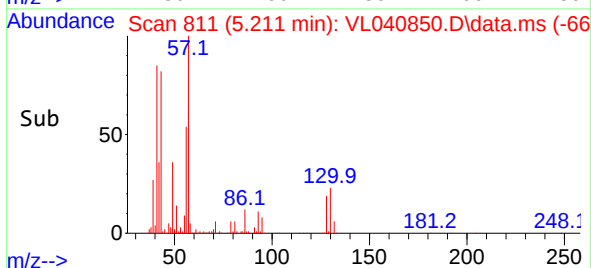
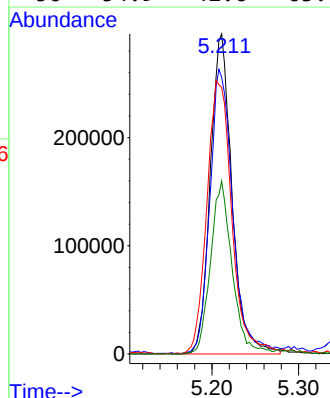
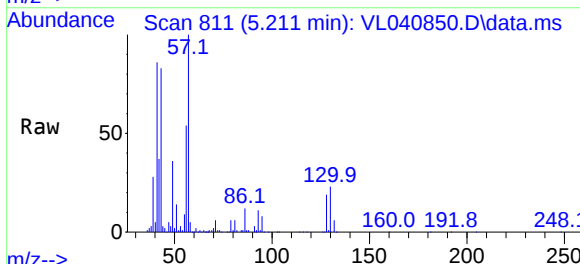
Ion	Ratio	Lower	Upper
43	100		
45	5.0	8.1	12.1#
61	3.4	7.8	11.6#
70	3.3	5.3	7.9#

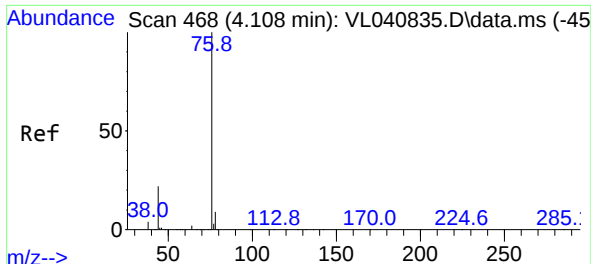


#26
Hexane
Concen: 4.996 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 57 Resp: 515137

Ion	Ratio	Lower	Upper
57	100		
41	93.5	75.4	113.0
43	99.7	185.9	278.9#
56	54.9	42.6	63.8

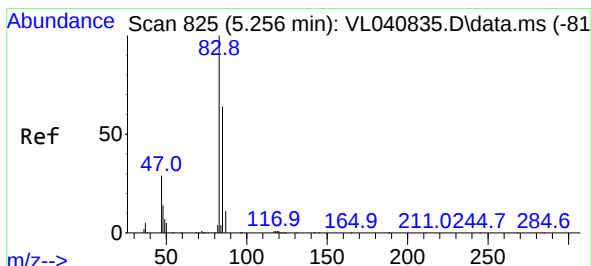
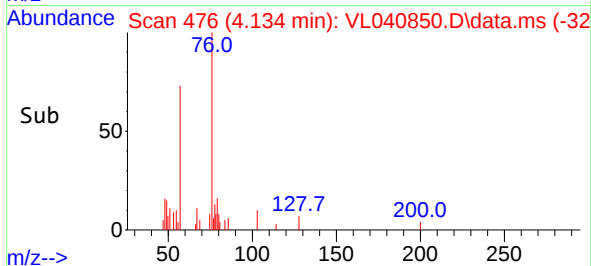
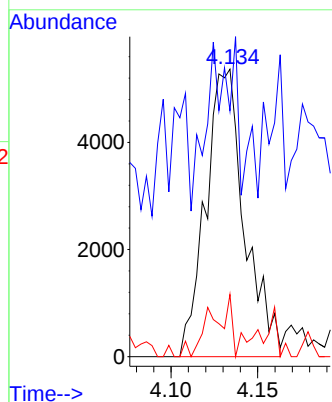
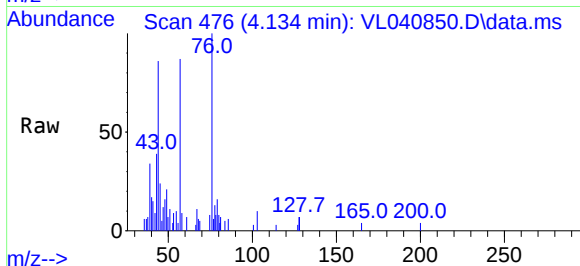




#27
Carbon Disulfide
Concen: 0.064 ppbv
RT: 4.134 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

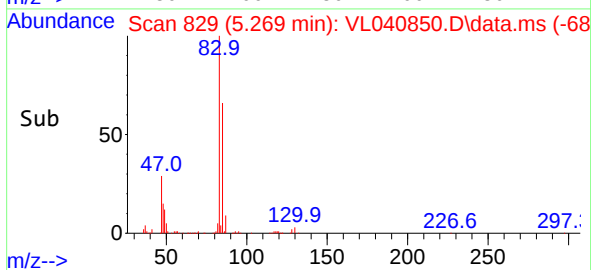
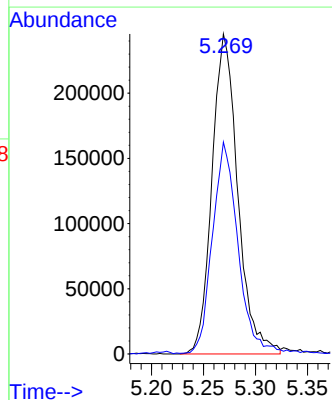
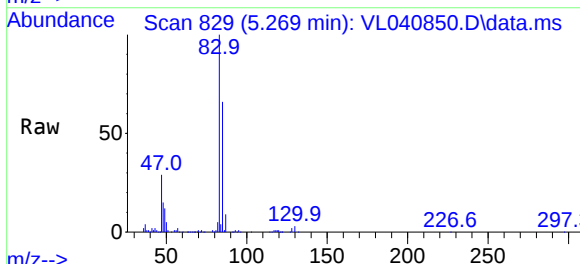
Instrument :
MSVOA_L
ClientSampleId :
IA1

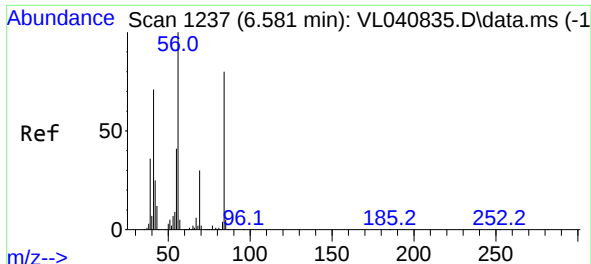
Tgt Ion: 76 Resp: 8388
Ion Ratio Lower Upper
76 100
44 46.3 16.7 25.1#
78 12.2 7.6 11.4#



#29
Chloroform
Concen: 2.421 ppbv
RT: 5.269 min Scan# 829
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 83 Resp: 423102
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.0

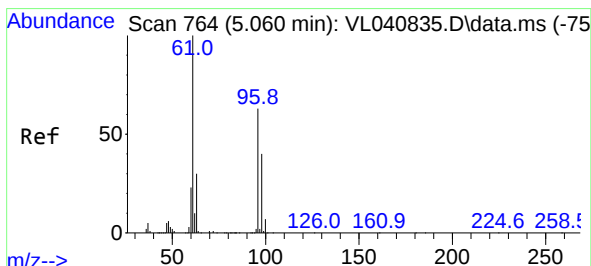
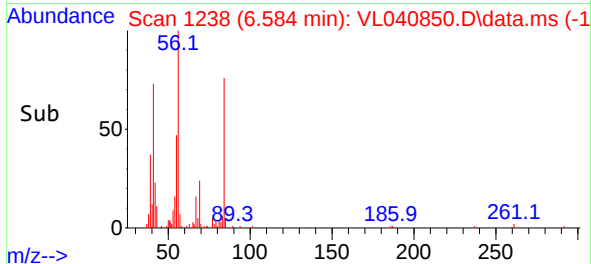
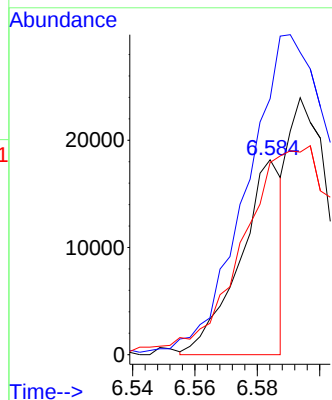
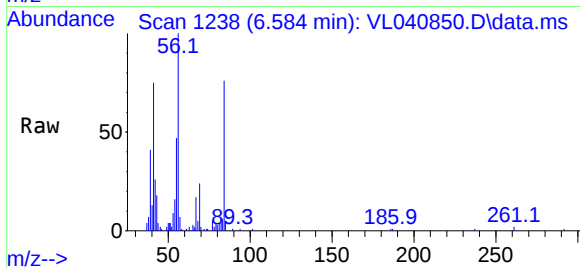




#30
Cyclohexane
Concen: 0.192 ppbv
RT: 6.584 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

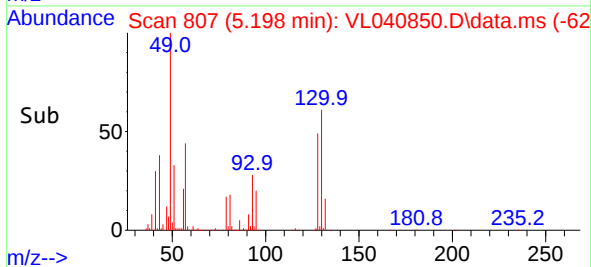
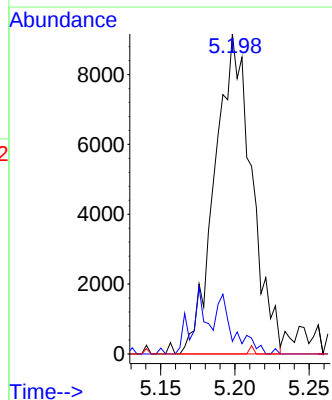
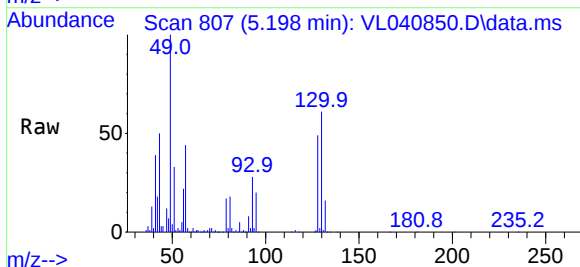
Instrument :
MSVOA_L
ClientSampleId :
IA1

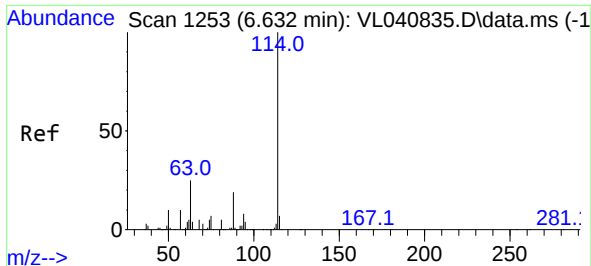
Tgt Ion: 84 Resp: 17047
Ion Ratio Lower Upper
84 100
56 0.0 109.3 163.9#
41 0.0 71.4 107.2#



#31
cis-1,2-Dichloroethene
Concen: 0.154 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.100 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 61 Resp: 15716
Ion Ratio Lower Upper
61 100
96 3.9 50.5 75.7#
98 0.0 31.9 47.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040850.D

Acq: 14 Nov 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

IA1

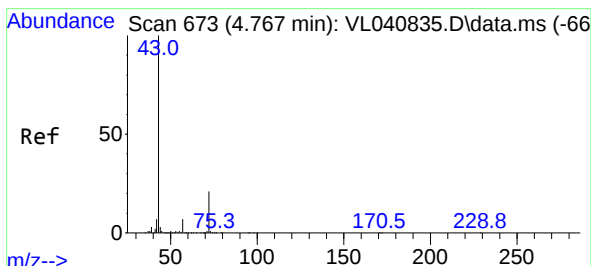
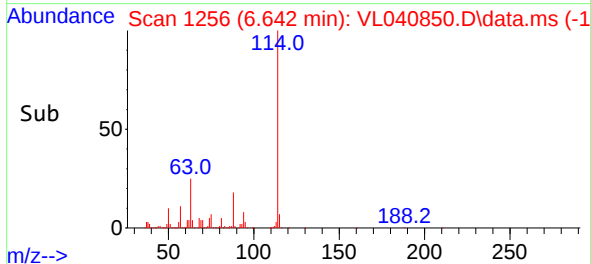
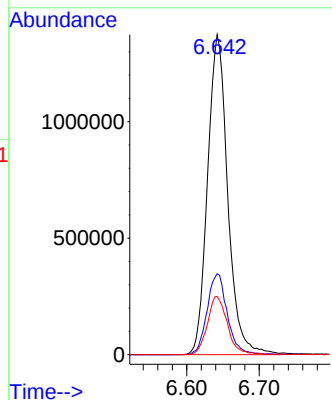
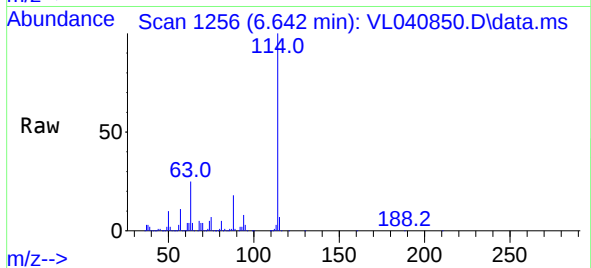
Tgt Ion:114 Resp: 2653988

Ion Ratio Lower Upper

114 100

63 25.6 20.9 31.3

88 18.3 14.3 21.5



#34

2-Butanone

Concen: 0.747 ppbv

RT: 4.787 min Scan# 679

Delta R.T. -0.019 min

Lab File: VL040850.D

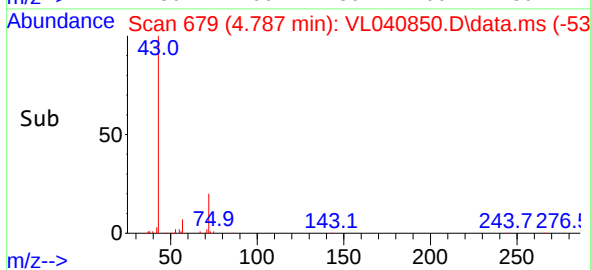
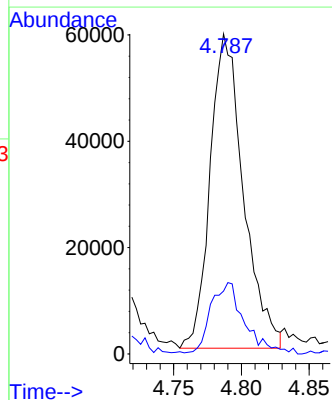
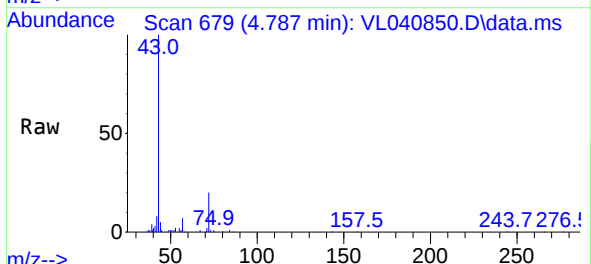
Acq: 14 Nov 2023 14:37

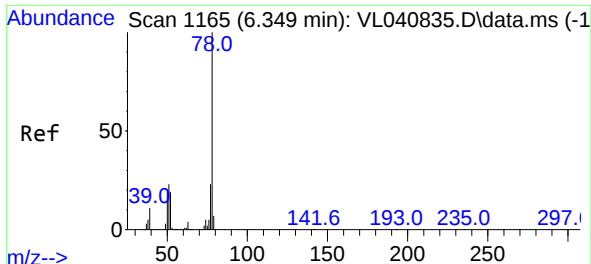
Tgt Ion: 43 Resp: 100932

Ion Ratio Lower Upper

43 100

72 23.4 17.2 25.8

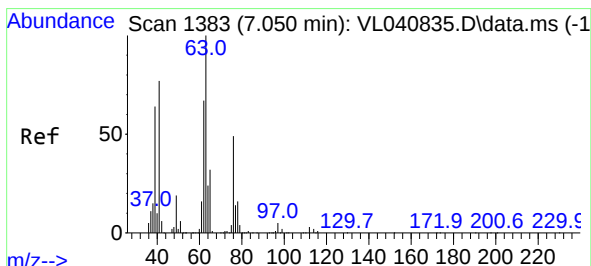
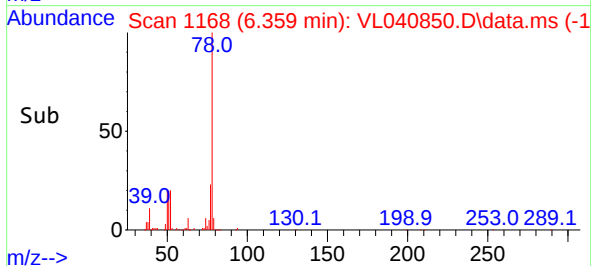
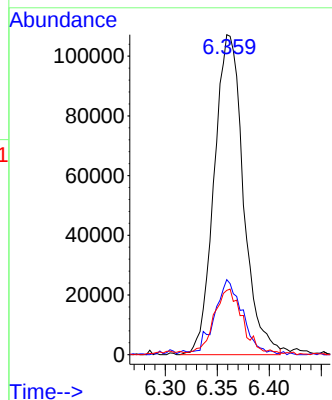
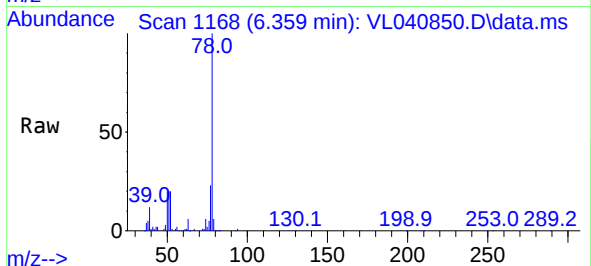




#36
Benzene
Concen: 0.973 ppbv
RT: 6.359 min Scan# 1165
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

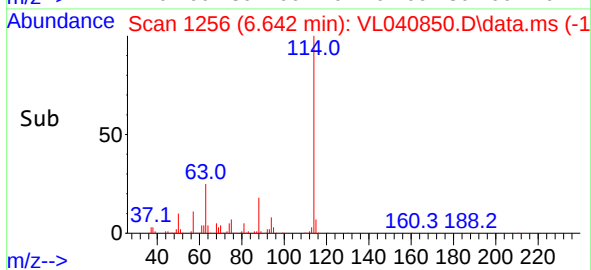
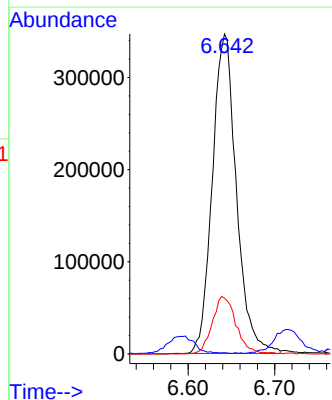
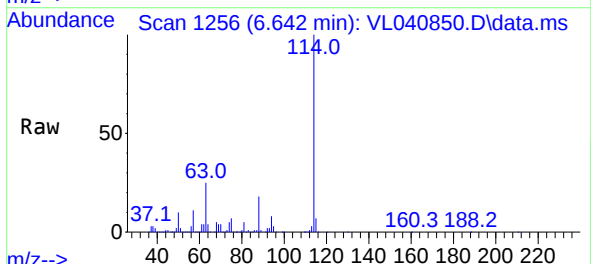
Instrument :
MSVOA_L
ClientSampleId :
IA1

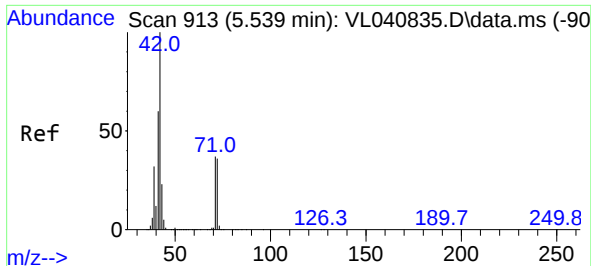
Tgt Ion: 78 Resp: 209508
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 19.6 16.2 24.2



#39
1,2-Dichloropropane
Concen: 7.843 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.441 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 63 Resp: 669794
Ion Ratio Lower Upper
63 100
41 0.0 61.5 92.3#
62 17.4 53.9 80.9#

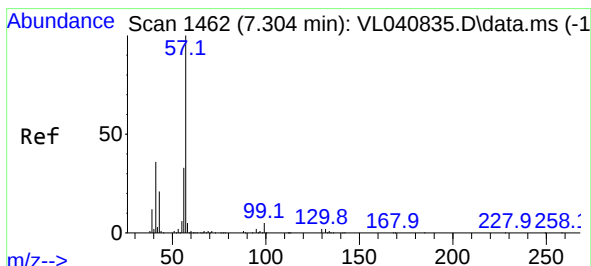
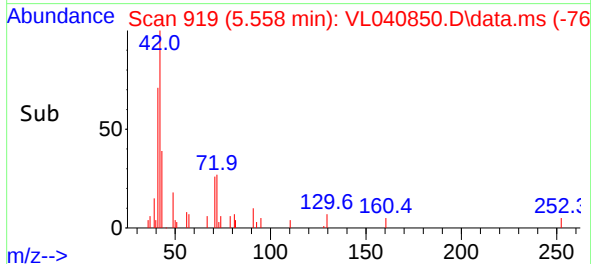
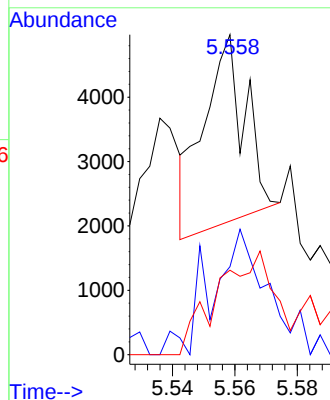
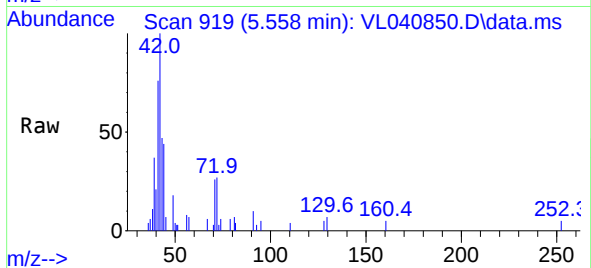




#41
Tetrahydrofuran
Concen: 0.032 ppbv
RT: 5.558 min Scan# 913
Delta R.T. -0.016 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

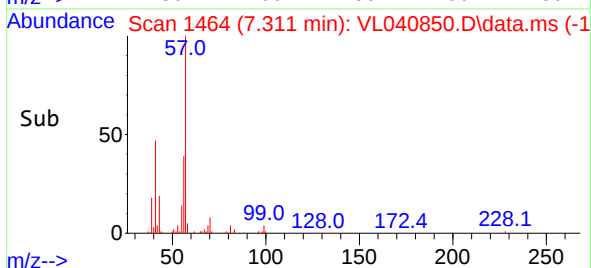
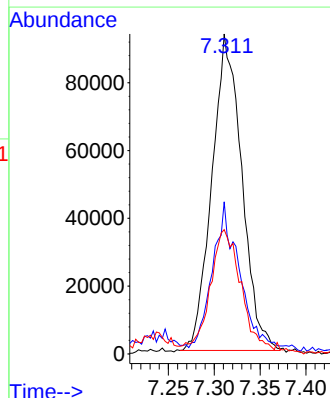
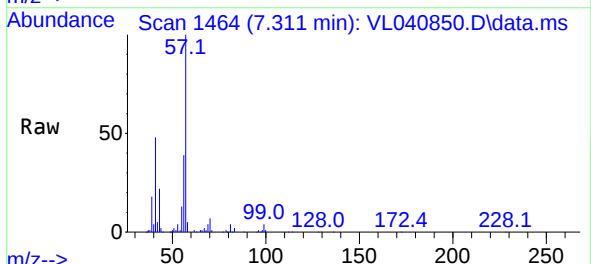
Instrument :
MSVOA_L
ClientSampleId :
IA1

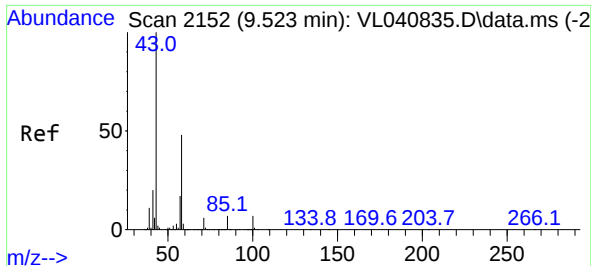
Tgt Ion: 42 Resp: 2701
Ion Ratio Lower Upper
42 100
72 103.1 30.8 46.2#
71 103.1 30.0 45.0#



#44
2,2,4-Trimethylpentane
Concen: 0.591 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.023 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 57 Resp: 211383
Ion Ratio Lower Upper
57 100
41 45.8 29.0 43.6#
56 42.8 25.2 37.8#

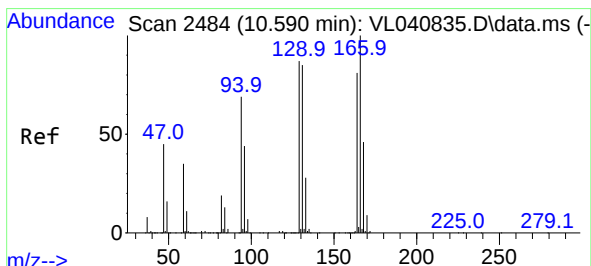
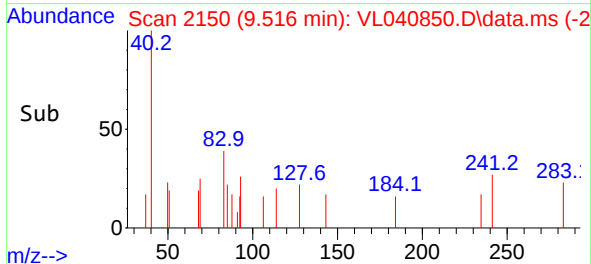
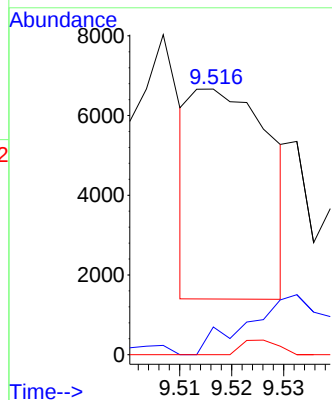
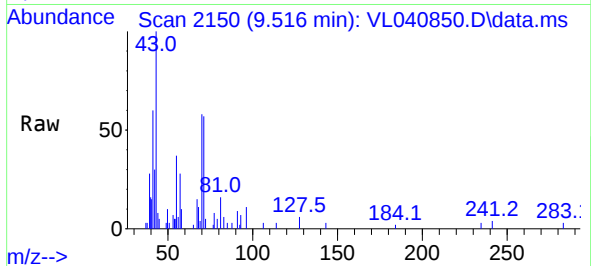




#51
2-Hexanone
Concen: 0.037 ppbv
RT: 9.516 min Scan# 2152
Delta R.T. -0.032 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

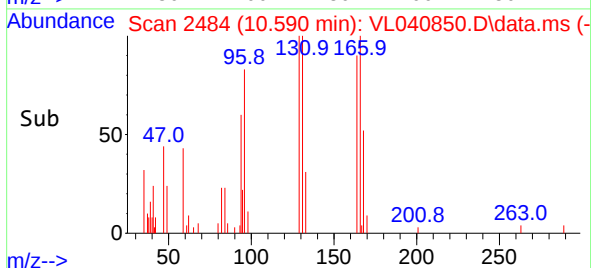
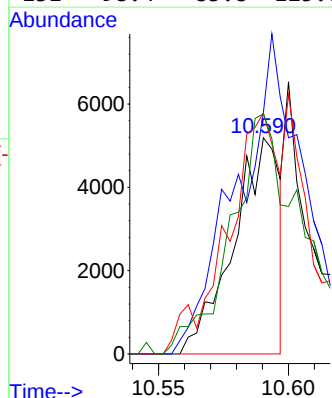
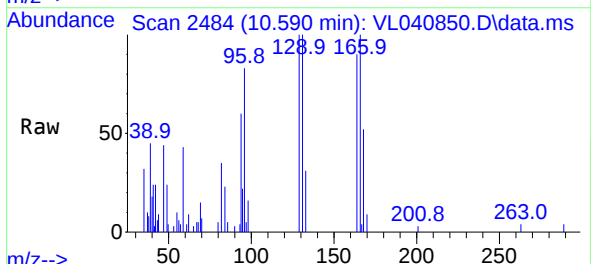
Instrument :
MSVOA_L
ClientSampleId :
IA1

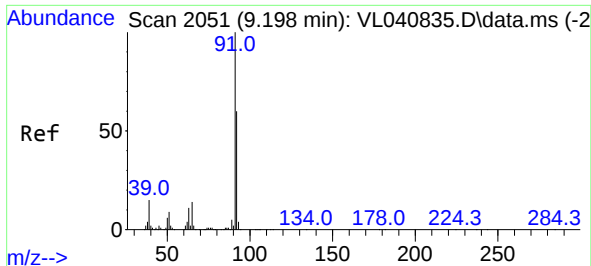
Tgt Ion: 43 Resp: 5508
Ion Ratio Lower Upper
43 100
58 64.8 37.4 56.2#
98 3.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.088 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 164 Resp: 6414
Ion Ratio Lower Upper
164 100
166 105.4 98.3 147.5
129 93.1 85.1 127.7
131 98.4 83.8 125.6

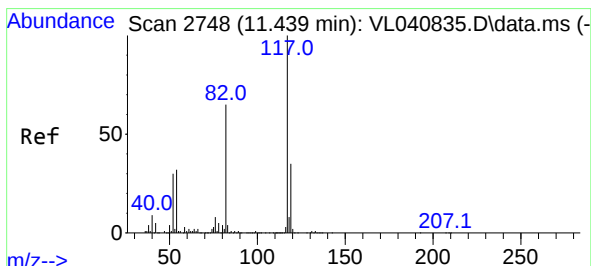
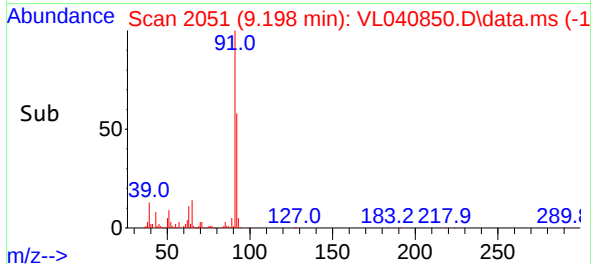
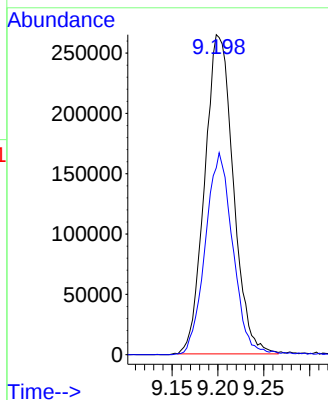
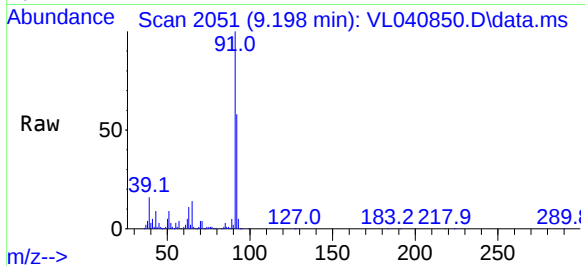




#53
Toluene
Concen: 2.422 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

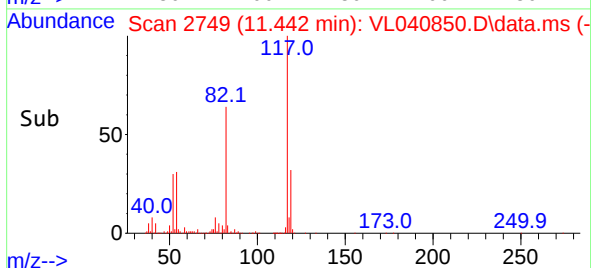
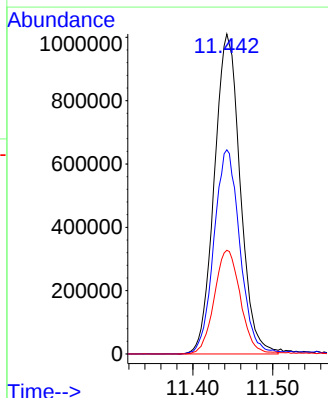
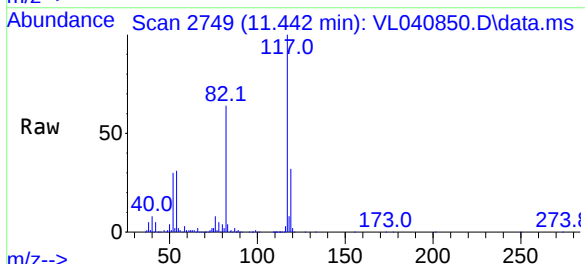
Instrument :
MSVOA_L
ClientSampleId :
IA1

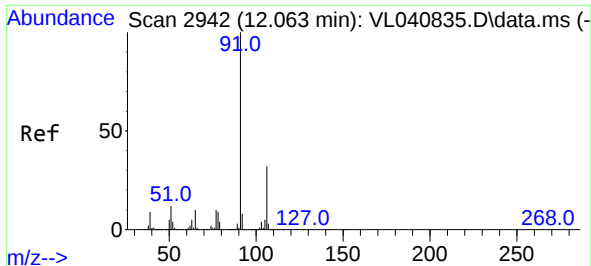
Tgt Ion: 91 Resp: 574057
Ion Ratio Lower Upper
91 100
92 61.2 49.4 74.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 117 Resp: 2267297
Ion Ratio Lower Upper
117 100
82 65.6 50.6 75.8
119 33.2 23.3 34.9

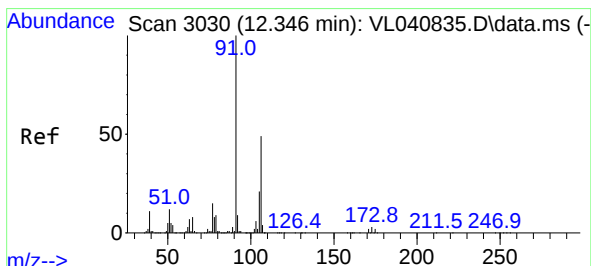
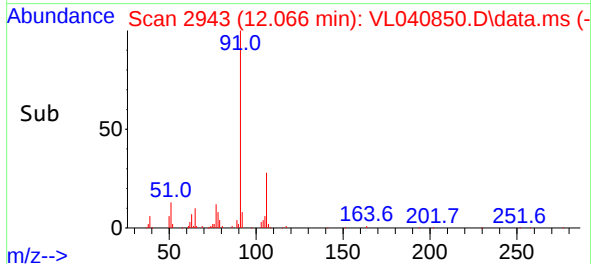
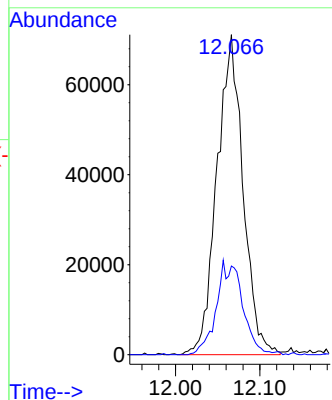
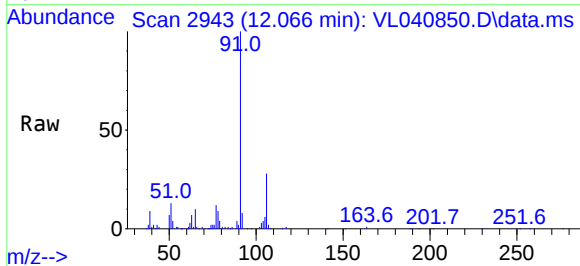




#58
Ethyl Benzene
Concen: 0.517 ppbv
RT: 12.066 min Scan# 2942
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

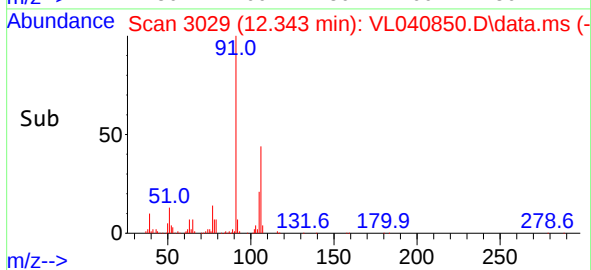
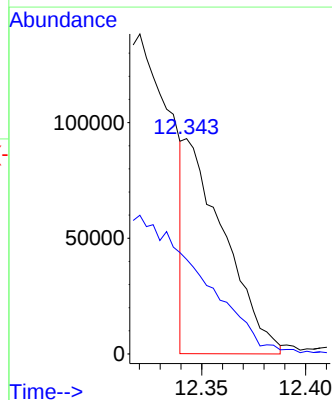
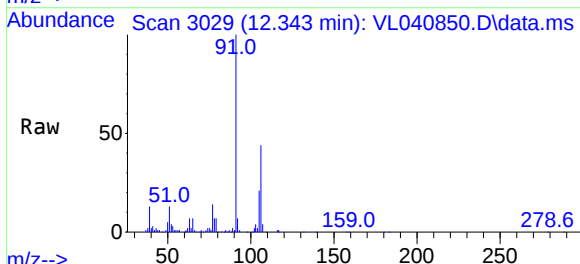
Instrument :
MSVOA_L
ClientSampleId :
IA1

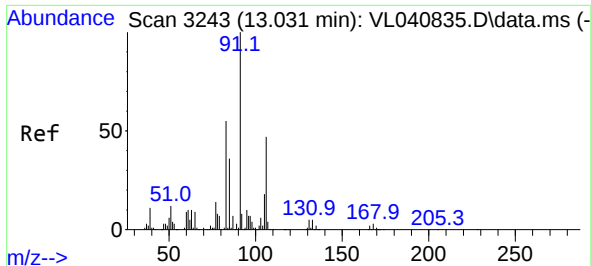
Tgt Ion: 91 Resp: 153041
Ion Ratio Lower Upper
91 100
106 27.7 25.2 37.8



#59
m/p-Xylene
Concen: 0.496 ppbv
RT: 12.343 min Scan# 3029
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 91 Resp: 124831
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.0#

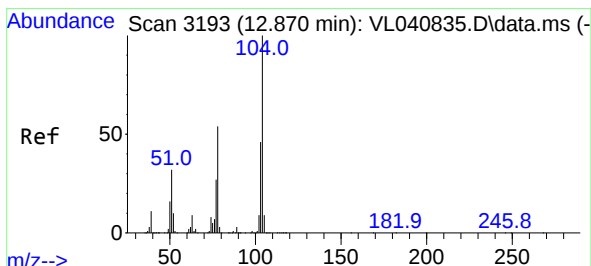
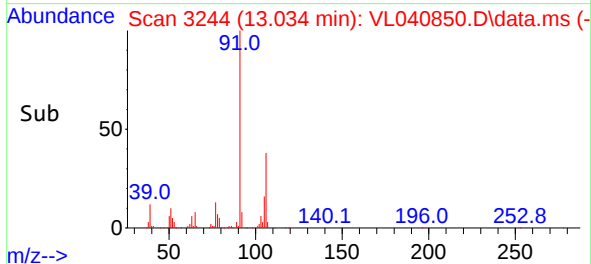
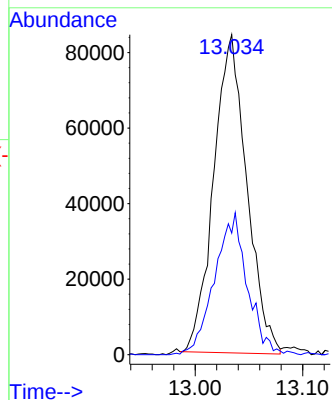
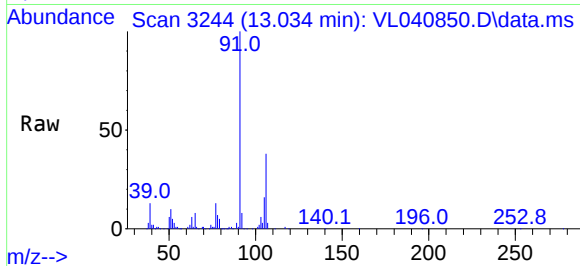




#60
o-Xylene
Concen: 0.752 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

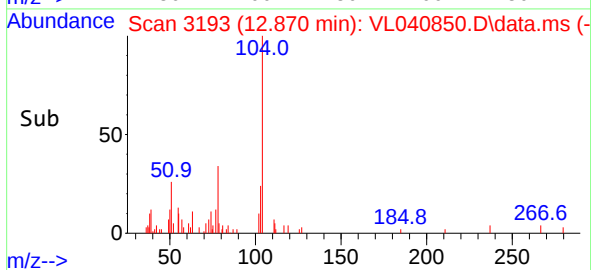
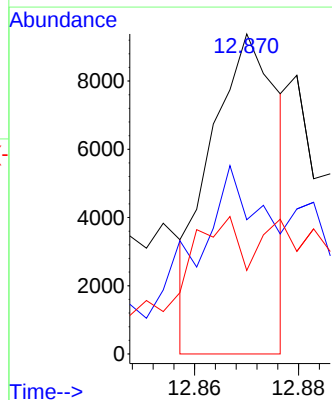
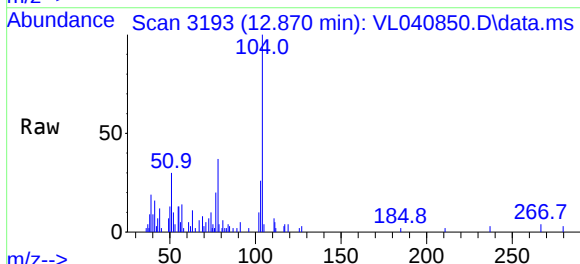
Instrument :
MSVOA_L
ClientSampleId :
IA1

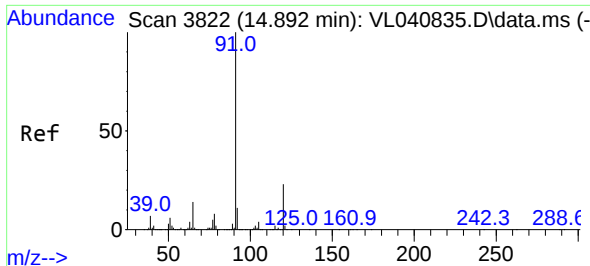
Tgt Ion: 91 Resp: 180409
Ion Ratio Lower Upper
91 100
106 44.2 22.9 68.5



#61
Styrene
Concen: 0.073 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. -0.023 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion:104 Resp: 8474
Ion Ratio Lower Upper
104 100
78 129.6 43.3 64.9#
103 113.5 37.6 56.4#

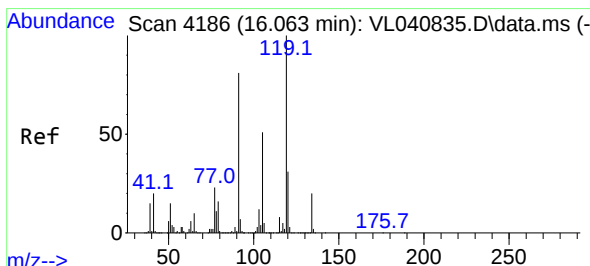
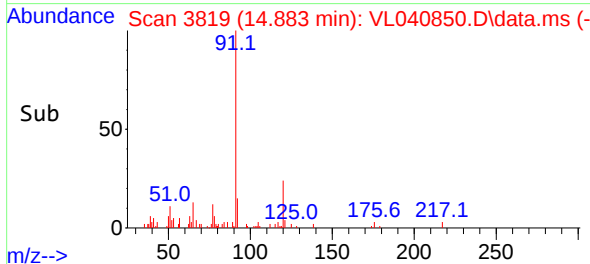
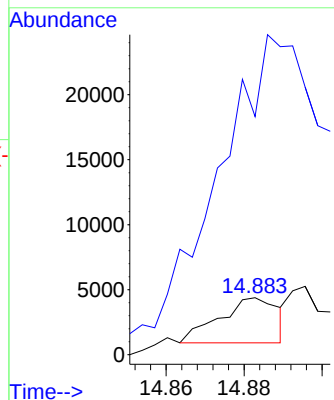
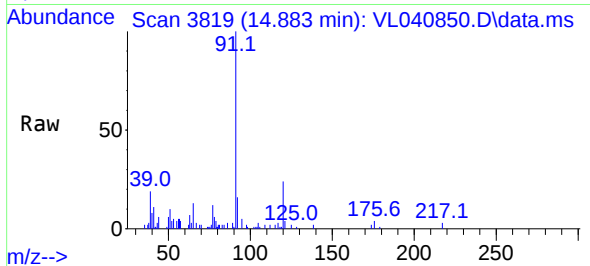




#64
n-propylbenzene
Concen: 0.041 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.026 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

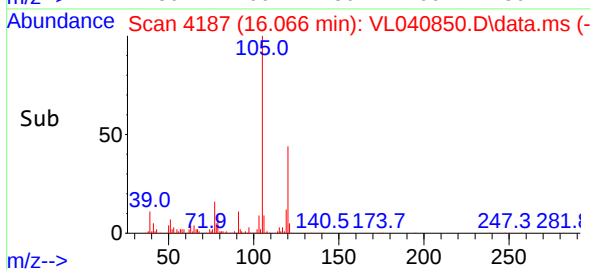
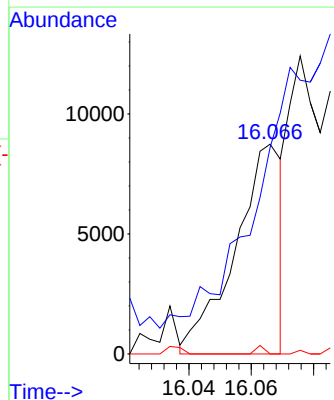
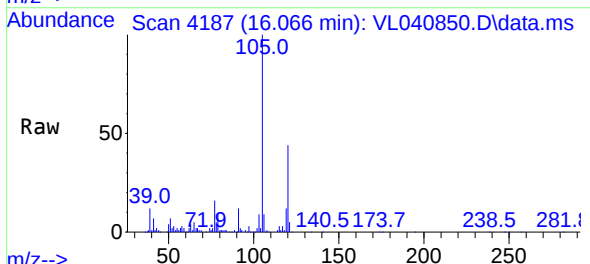
Instrument :
MSVOA_L
ClientSampleId :
IA1

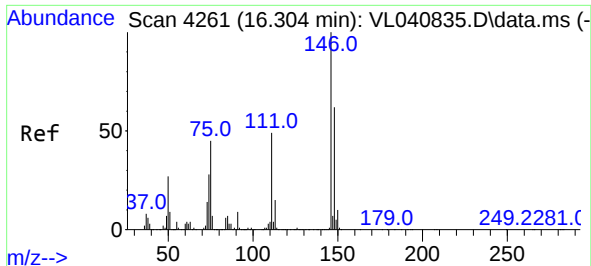
Tgt Ion:120 Resp: 3647
Ion Ratio Lower Upper
120 100
91 1674.6 381.1 571.7#



#65
tert-Butylbenzene
Concen: 0.030 ppbv
RT: 16.066 min Scan# 4187
Delta R.T. -0.016 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion:119 Resp: 9066
Ion Ratio Lower Upper
119 100
91 0.0 67.5 101.3#
134 0.0 15.9 23.9#

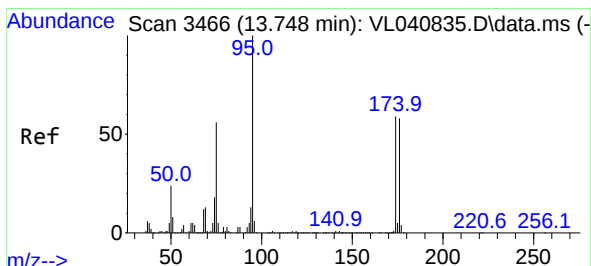
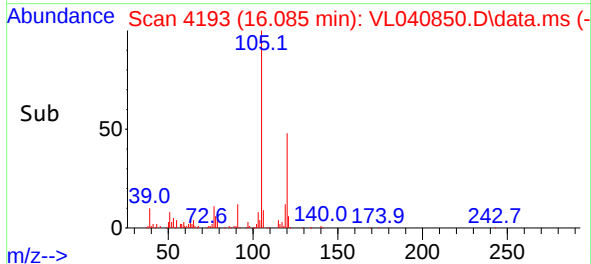
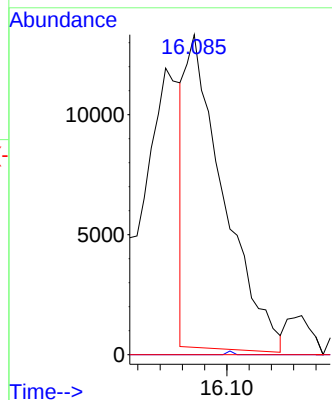
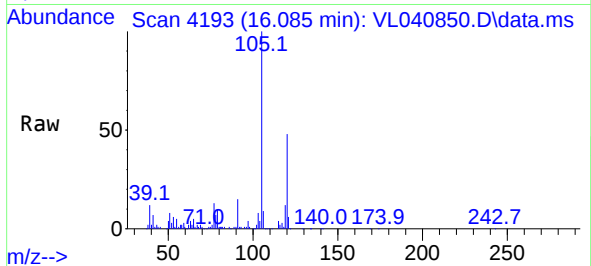




#66
Benzyl Chloride
Concen: 1.411 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.241 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

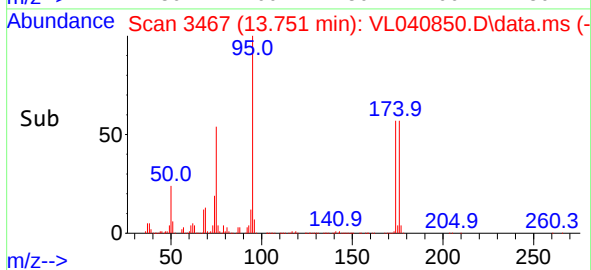
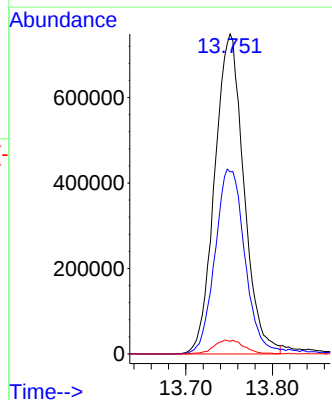
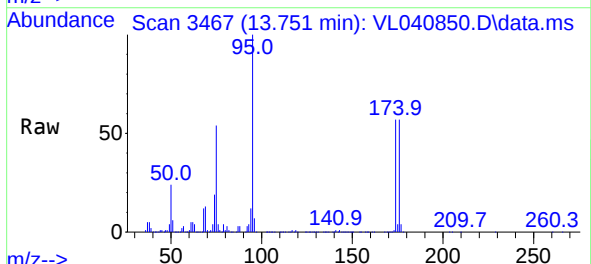
Instrument :
MSVOA_L
ClientSampleId :
IA1

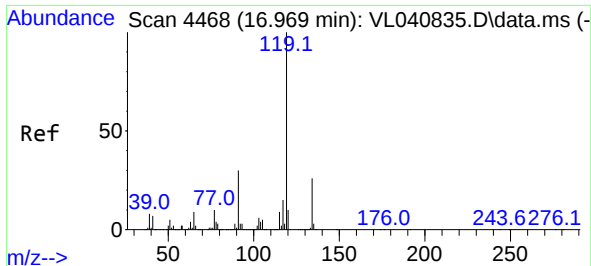
Tgt Ion: 91 Resp: 15536
Ion Ratio Lower Upper
91 100
126 0.0 12.8 19.2#
128 0.3 0.0 0.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.867 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion: 95 Resp: 1751483
Ion Ratio Lower Upper
95 100
174 60.7 47.5 71.3
175 4.6 3.6 5.4





#69

p-Isopropyltoluene

Concen: 0.151 ppbv

RT: 16.970 min Scan# 4468

Delta R.T. -0.016 min

Lab File: VL040850.D

Acq: 14 Nov 2023 14:37

Instrument :

MSVOA_L

ClientSampleId :

IA1

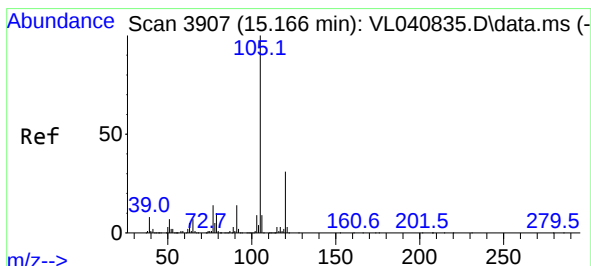
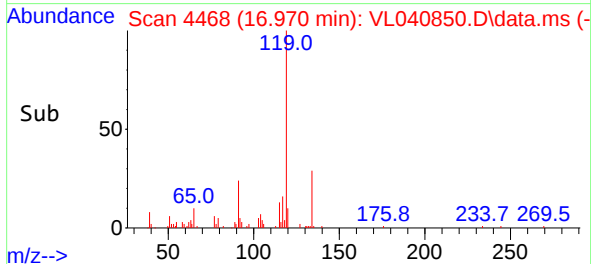
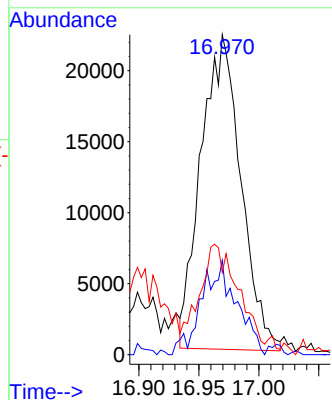
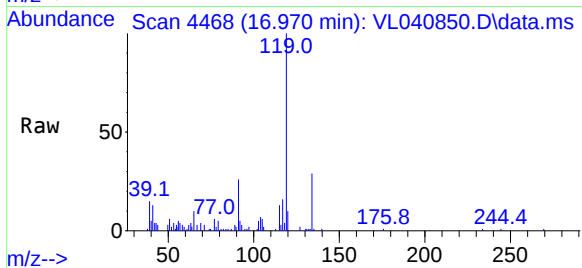
Tgt Ion:119 Resp: 51263

Ion Ratio Lower Upper

119 100

134 28.7 20.5 30.7

91 32.7 24.7 37.1



#72

4-Ethyltoluene

Concen: 0.256 ppbv

RT: 15.166 min Scan# 3907

Delta R.T. -0.019 min

Lab File: VL040850.D

Acq: 14 Nov 2023 14:37

Tgt Ion:105 Resp: 67517

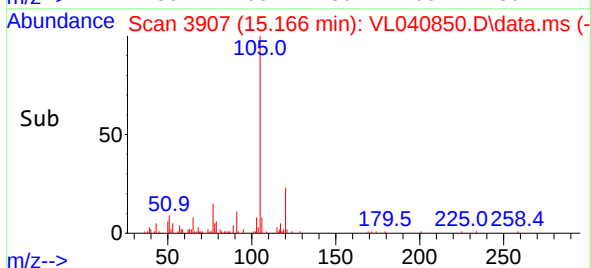
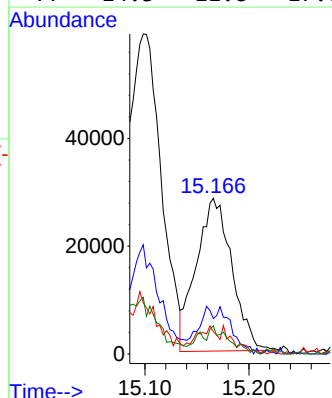
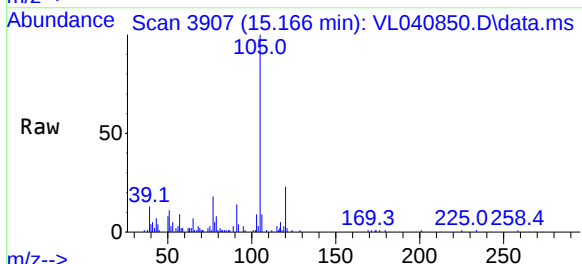
Ion Ratio Lower Upper

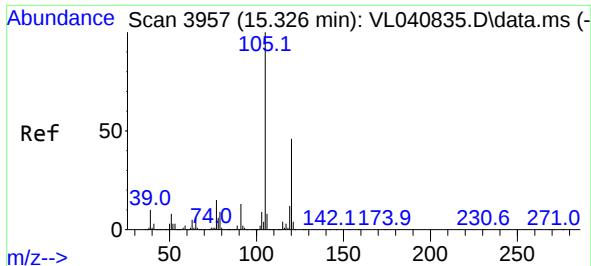
105 100

120 28.9 24.5 36.7

91 16.3 10.6 16.0#

77 14.3 11.8 17.6

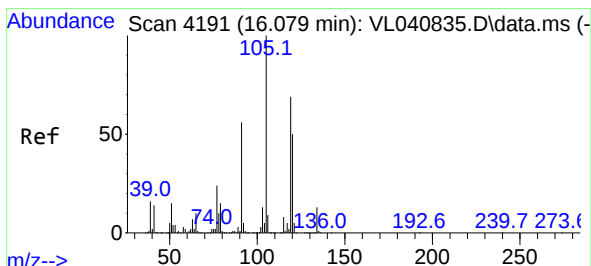
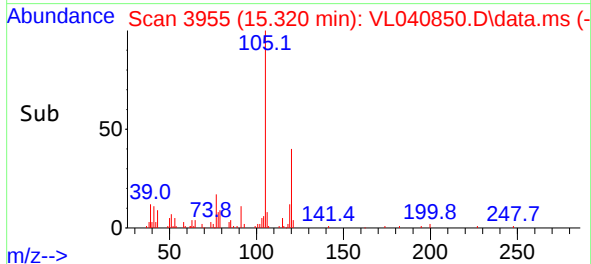
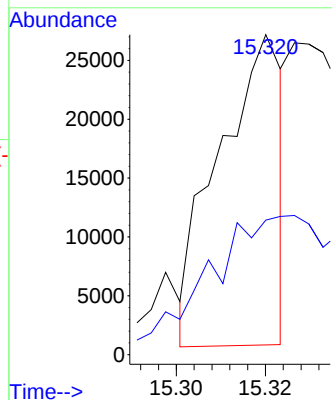
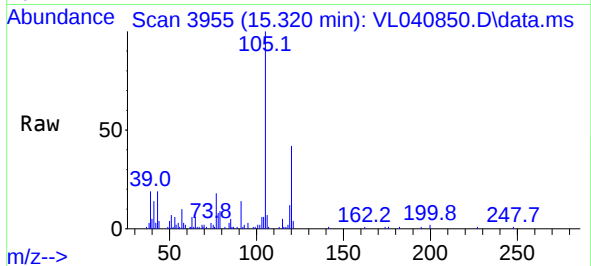




#73
1,3,5-Trimethylbenzene
Concen: 0.112 ppbv
RT: 15.320 min Scan# 3957
Delta R.T. -0.023 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

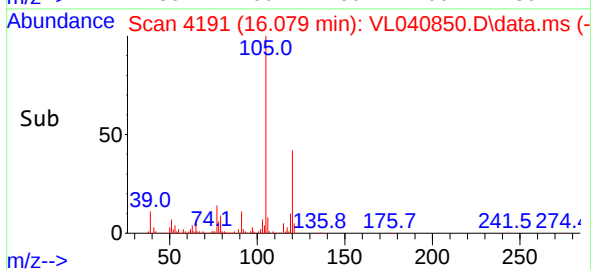
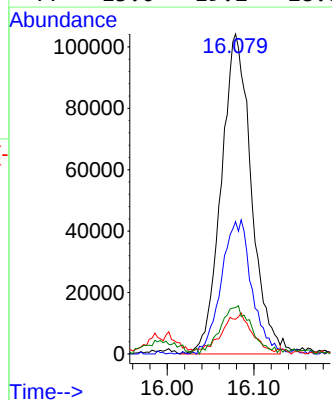
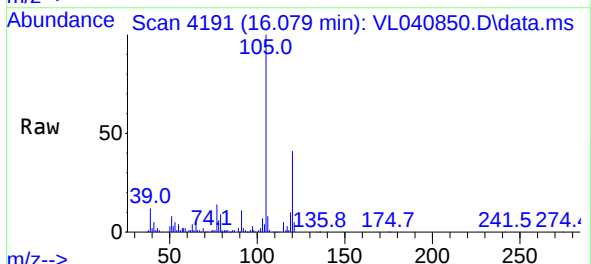
Instrument :
MSVOA_1
ClientSampleId :
IA1

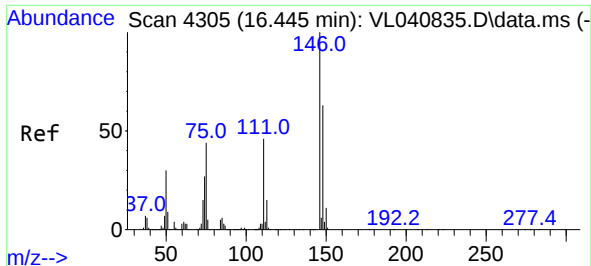
Tgt Ion:105 Resp: 26060
Ion Ratio Lower Upper
105 100
120 37.2 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 0.962 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.023 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion:105 Resp: 250243
Ion Ratio Lower Upper
105 100
120 41.3 40.2 60.2
91 9.4 45.7 68.5#
77 13.0 19.2 28.8#

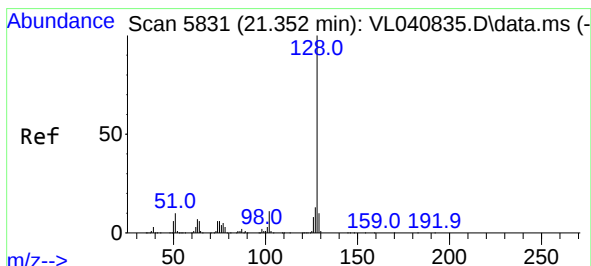
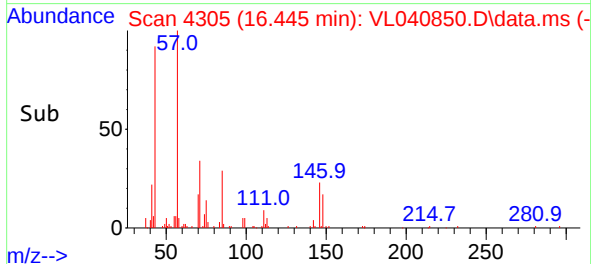
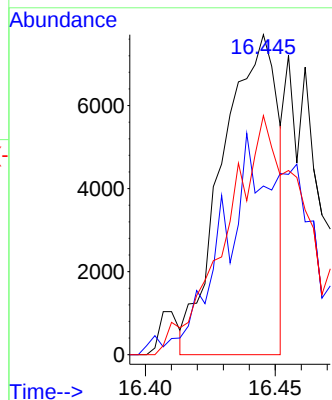
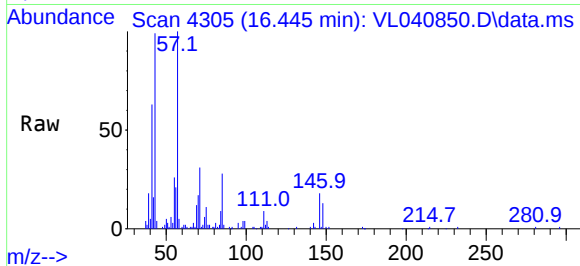




#76
1,4-Dichlorobenzene
Concen: 0.083 ppbv
RT: 16.445 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:146 Resp: 11377
Ion Ratio Lower Upper
146 100
111 99.2 24.1 72.4#
148 114.1 32.3 96.9#



#79
Naphthalene
Concen: 0.032 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.006 min
Lab File: VL040850.D
Acq: 14 Nov 2023 14:37

Tgt Ion:128 Resp: 4230
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 9.7 8.3 12.5

