

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040909.D
 Acq On : 27 Nov 2023 16:01
 Operator : SY/MD
 Sample : 05520-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 28 04:38:59 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 : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.230	49	1210506	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	2886883	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2553169	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1961884	9.815	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%

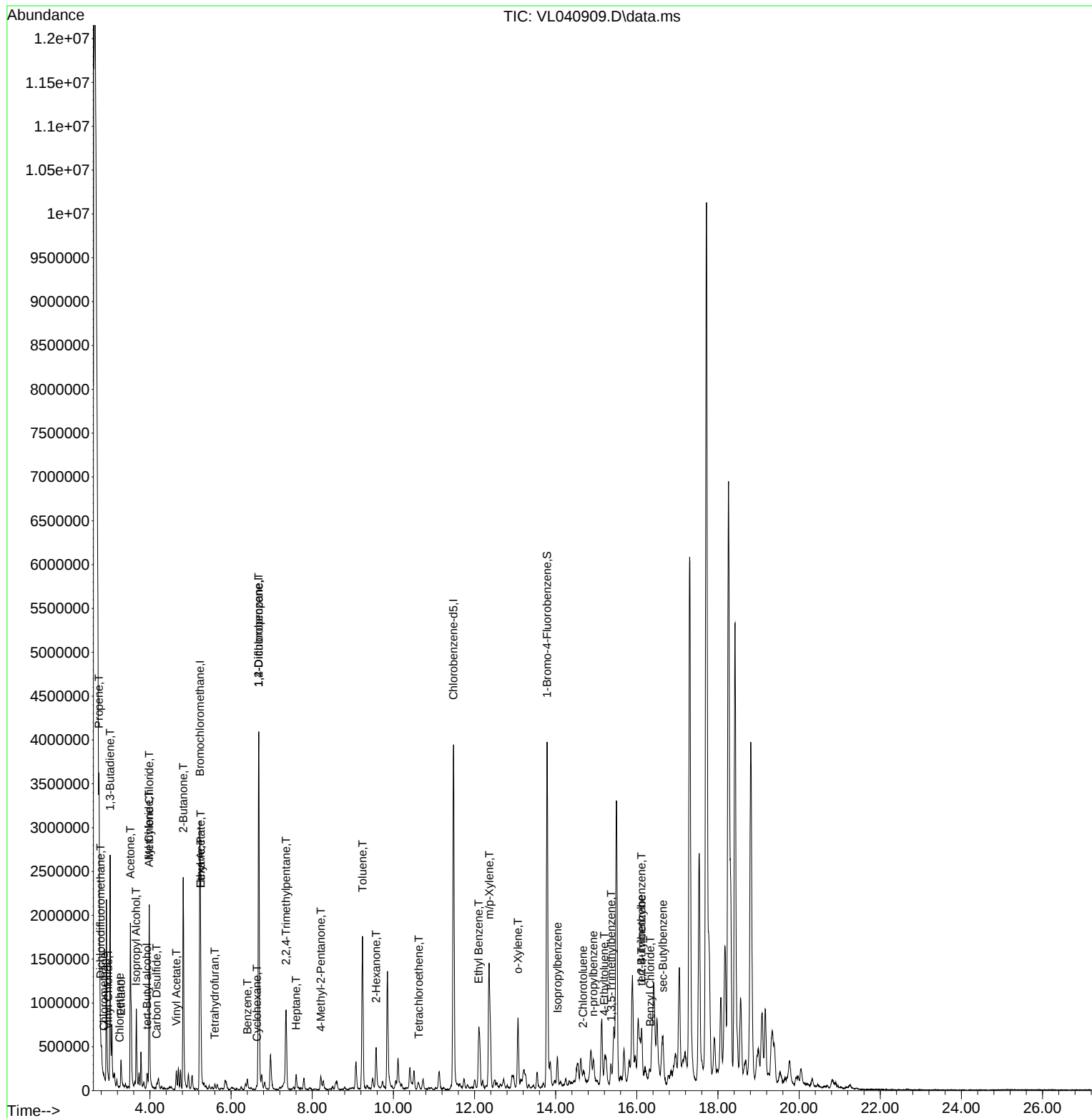
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.780	85	17976	0.073	ppbv	95
4) Chloromethane	2.864	50	10563	0.152	ppbv	95
5) Vinyl Chloride	2.970	62	4469	0.065	ppbv #	66
7) Chloroethane	3.253	64	1310	0.055	ppbv #	45
9) Propene	2.745	41	676425	10.385	ppbv	92
10) Heptane	7.603	43	65049	0.406	ppbv #	83
13) Ethanol	3.288	45	308590	24.399	ppbv #	100
15) Acetone	3.517	43	1776322	13.778	ppbv #	89
16) 1,3-Butadiene	3.018	39	667052	10.227	ppbv #	20
17) tert-Butyl alcohol	3.928	59	116284	1.055	ppbv	94
19) Isopropyl Alcohol	3.658	45	3126	0.040	ppbv #	94
20) Methylene Chloride	3.983	84	631320	11.866	ppbv	99
21) Allyl Chloride	3.980	41	18771	0.228	ppbv #	60
23) Vinyl Acetate	4.652	43	104370	0.627	ppbv #	2
25) Ethyl Acetate	5.250	43	437503	1.639	ppbv #	89
26) Hexane	5.250	57	411773	3.485	ppbv #	54
27) Carbon Disulfide	4.166	76	62596	0.418	ppbv #	58
30) Cyclohexane	6.639	84	5128	0.050	ppbv #	1
34) 2-Butanone	4.822	43	2636777	17.929	ppbv	100
36) Benzene	6.404	78	85045	0.363	ppbv	97
39) 1,2-Dichloropropane	6.680	63	734904	7.911	ppbv #	24
41) Tetrahydrofuran	5.600	42	23776	0.263	ppbv #	75
44) 2,2,4-Trimethylpentane	7.356	57	872667	2.242	ppbv	91
50) 4-Methyl-2-Pentanone	8.211	43	118531	0.521	ppbv	97
51) 2-Hexanone	9.574	43	421540	2.627	ppbv #	98
52) Tetrachloroethene	10.626	164	5250	0.067	ppbv #	62
53) Toluene	9.240	91	972614	3.772	ppbv	100
58) Ethyl Benzene	12.105	91	521055	1.564	ppbv	89
59) m/p-Xylene	12.362	91	912458	3.217	ppbv #	47
60) o-Xylene	13.072	91	603654	2.235	ppbv	97
62) Isopropylbenzene	14.043	105	288210	0.722	ppbv	97
64) n-propylbenzene	14.928	120	5678	0.057	ppbv #	1
65) tert-Butylbenzene	16.114	119	46802	0.139	ppbv #	62
66) Benzyl Chloride	16.330	91	428	0.035	ppbv #	62
67) sec-Butylbenzene	16.645	105	33690	0.070	ppbv #	59
71) 2-Chlorotoluene	14.674	91	15128	0.050	ppbv	93
72) 4-Ethyltoluene	15.201	105	108379	0.365	ppbv #	50
73) 1,3,5-Trimethylbenzene	15.368	105	155012	0.590	ppbv	89
74) 1,2,4-Trimethylbenzene	16.117	105	417776	1.426	ppbv #	62

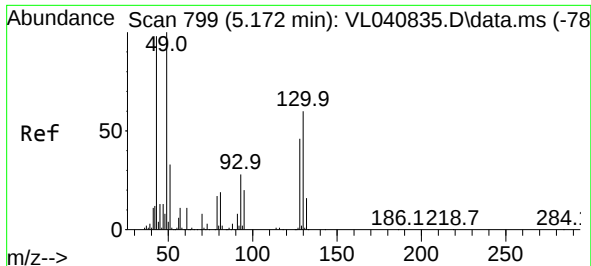
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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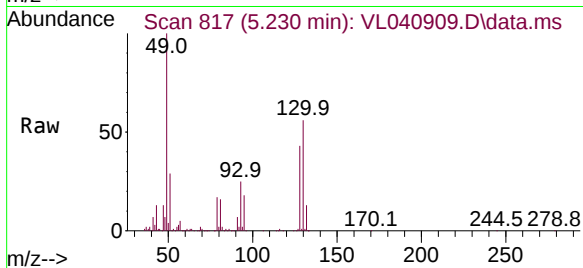
Quant Time: Nov 28 04:38:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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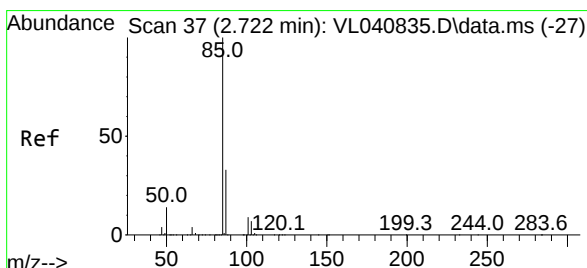
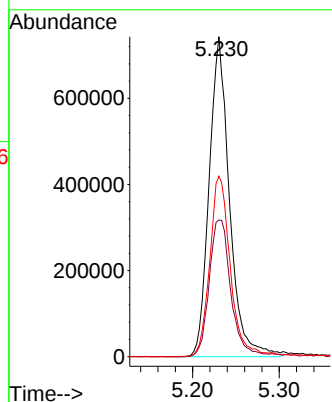
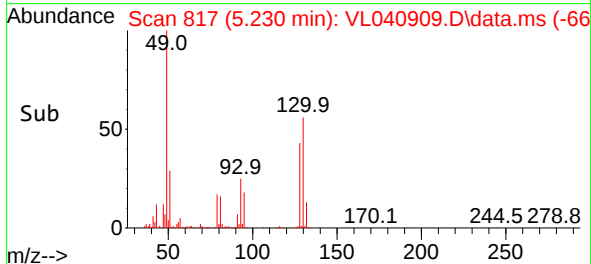


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.230 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL040909.D
 Acq: 27 Nov 2023 16:01

Instrument :
 MSVOA_L
 ClientSampleId :

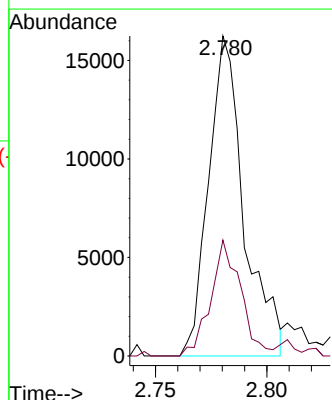
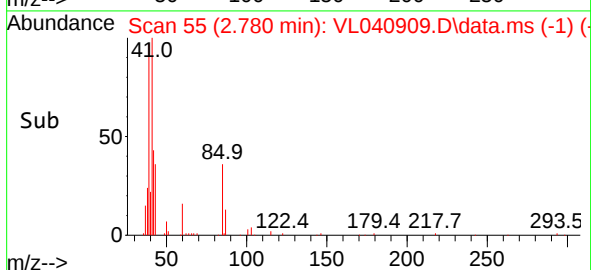
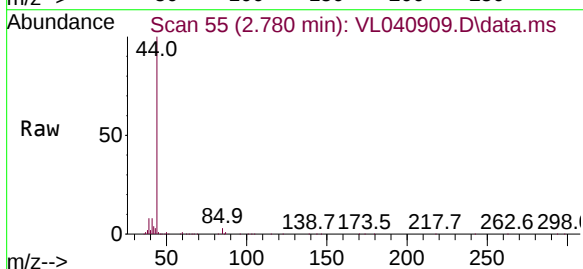


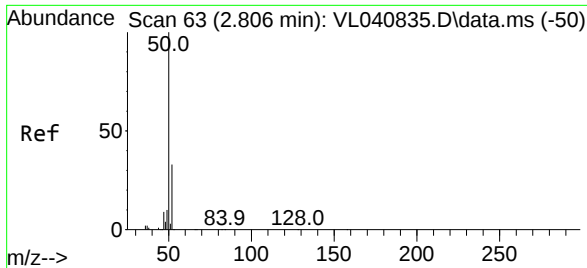
Tgt Ion: 49 Resp: 1210506
 Ion Ratio Lower Upper
 49 100
 128 46.1 23.8 71.2
 130 58.9 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 0.073 ppbv
 RT: 2.780 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VL040909.D
 Acq: 27 Nov 2023 16:01

Tgt Ion: 85 Resp: 17976
 Ion Ratio Lower Upper
 85 100
 87 36.2 26.7 40.1

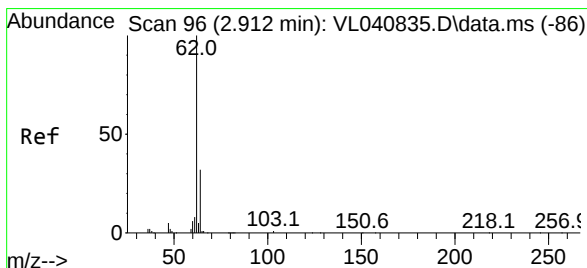
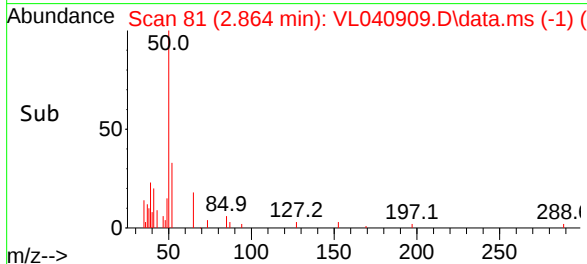
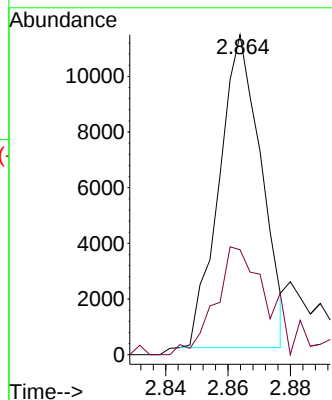
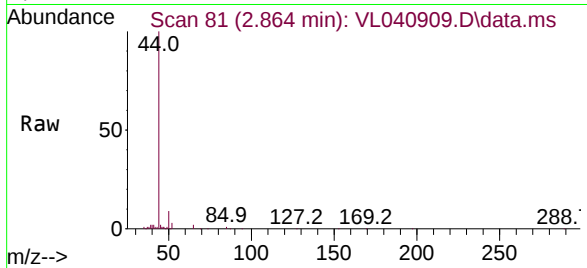




#4
Chloromethane
Concen: 0.152 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

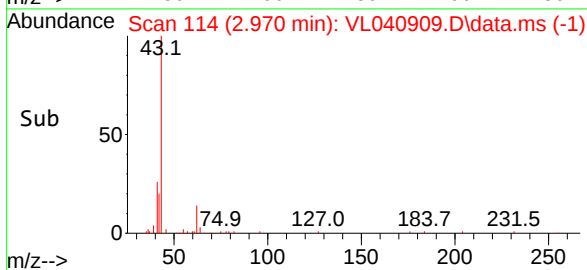
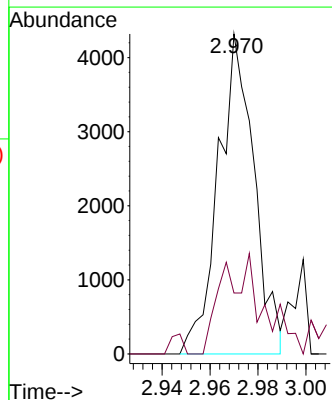
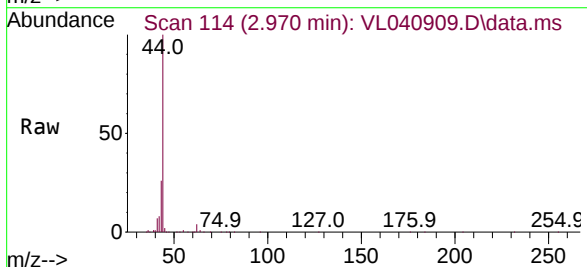
Instrument :
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ClientSampleId :

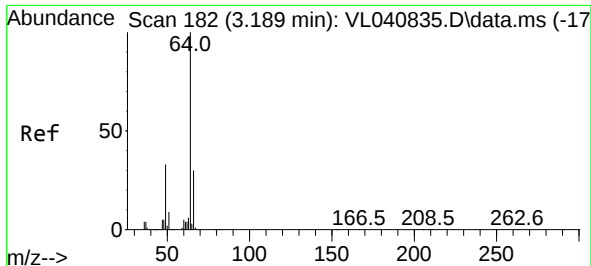
Tgt Ion: 50 Resp: 10563
Ion Ratio Lower Upper
50 100
52 30.3 26.5 39.7



#5
Vinyl Chloride
Concen: 0.065 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 62 Resp: 4469
Ion Ratio Lower Upper
62 100
64 12.8 25.4 38.2#

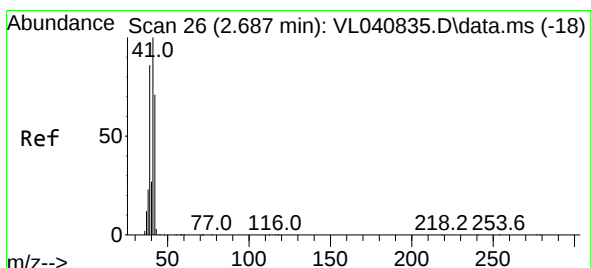
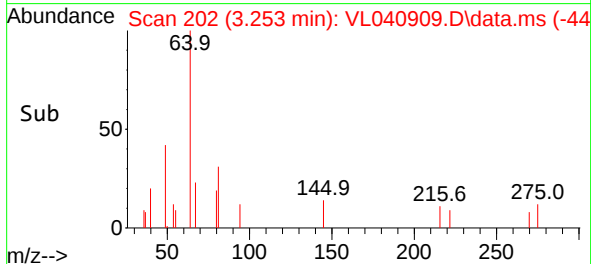
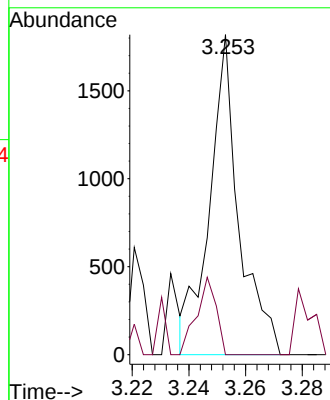
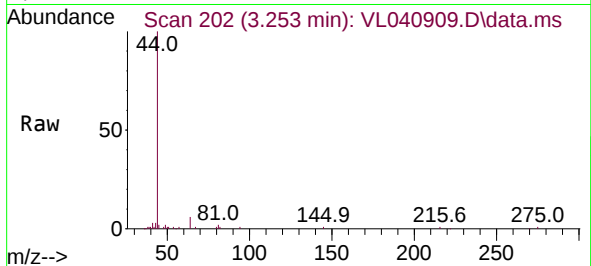




#7
Chloroethane
Concen: 0.055 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

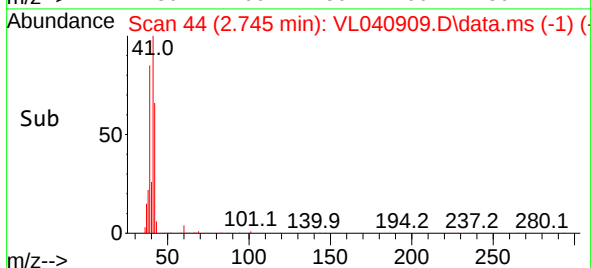
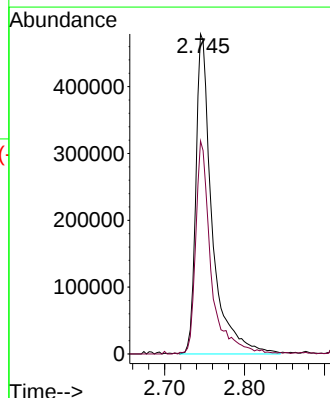
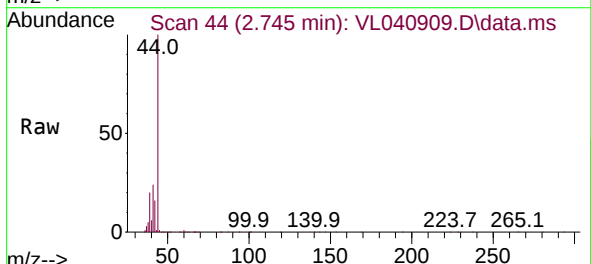
Instrument :
MSVOA_L
ClientSampleId :

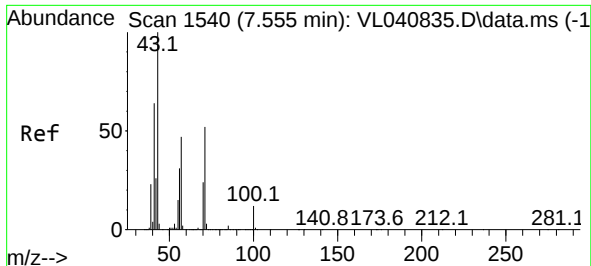
Tgt Ion: 64 Resp: 1310
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#9
Propene
Concen: 10.385 ppbv
RT: 2.745 min Scan# 44
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 41 Resp: 676425
Ion Ratio Lower Upper
41 100
42 63.6 56.5 84.7

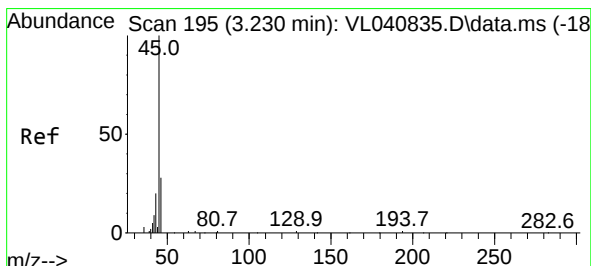
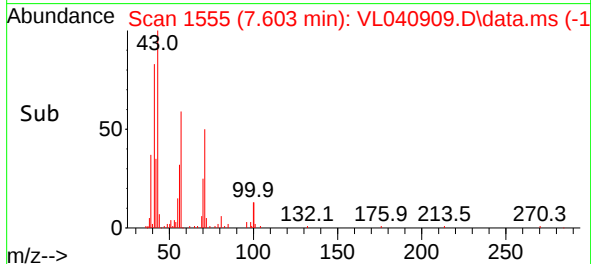
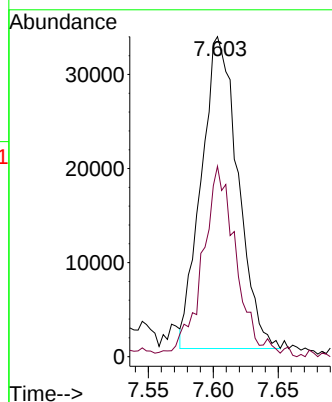
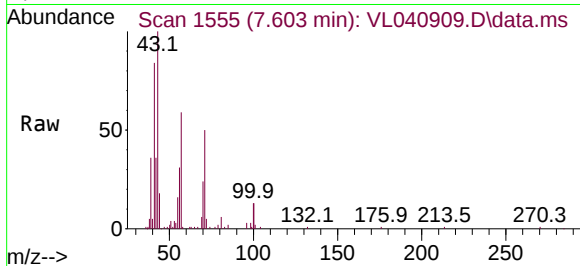




#10
Heptane
Concen: 0.406 ppbv
RT: 7.603 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

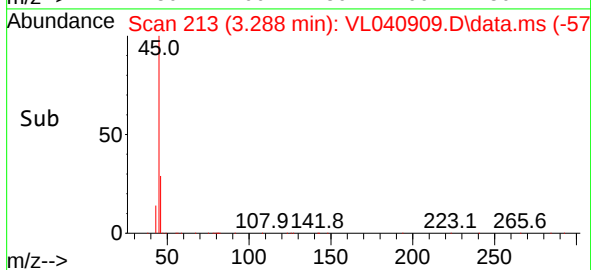
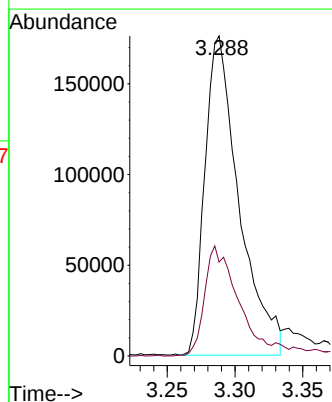
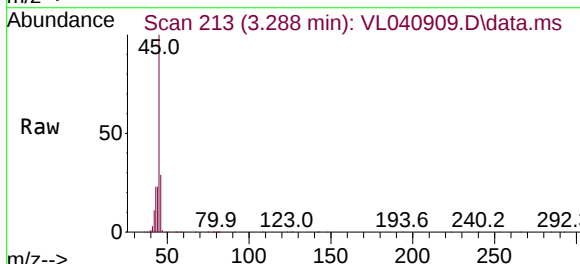
Instrument :
MSVOA_L
ClientSampleId :

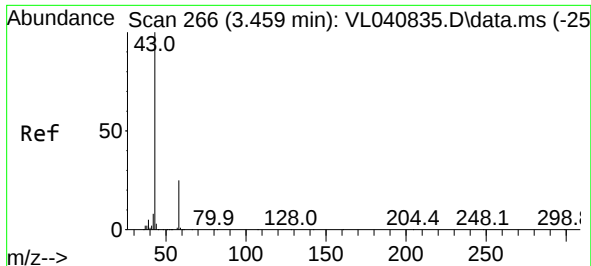
Tgt Ion: 43 Resp: 65049
Ion Ratio Lower Upper
43 100
57 60.9 39.4 59.0#



#13
Ethanol
Concen: 24.399 ppbv
RT: 3.288 min Scan# 213
Delta R.T. 0.000 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 45 Resp: 308590
Ion Ratio Lower Upper
45 100
46 38.1 0.0 0.0#

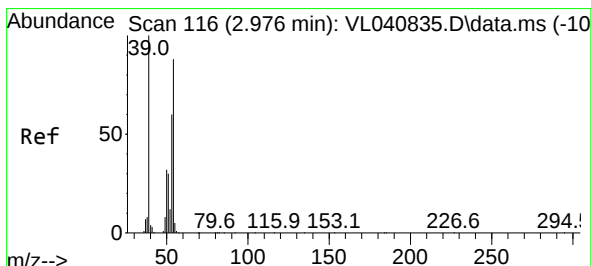
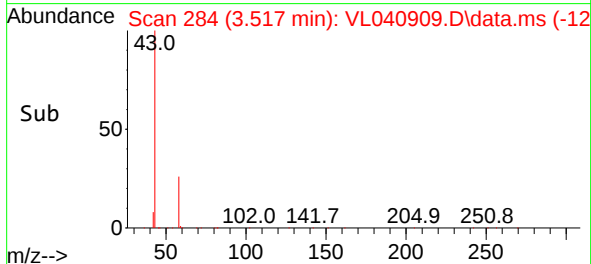
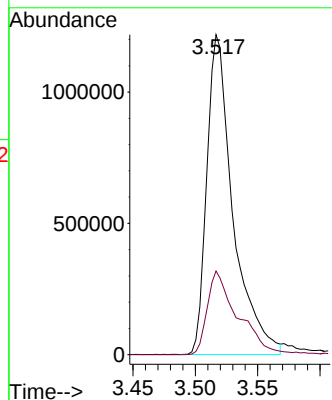
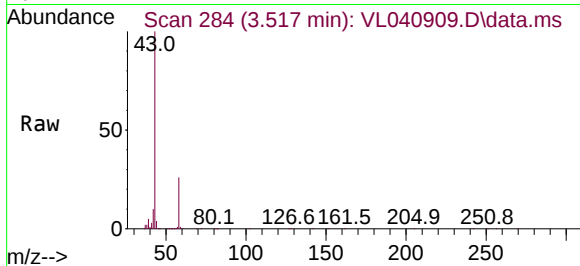




#15
Acetone
Concen: 13.778 ppbv
RT: 3.517 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

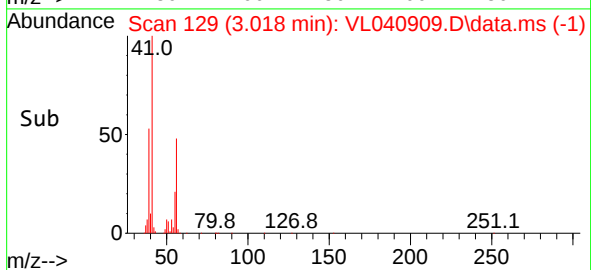
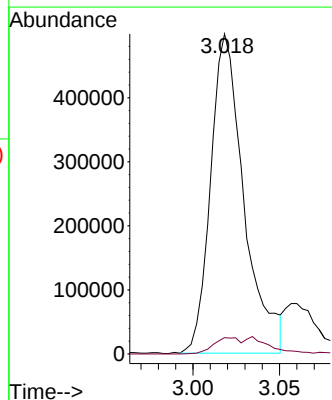
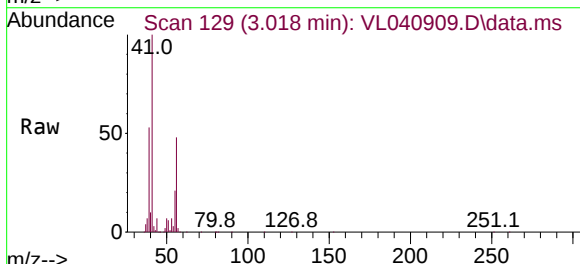
Instrument :
MSVOA_L
ClientSampleId :

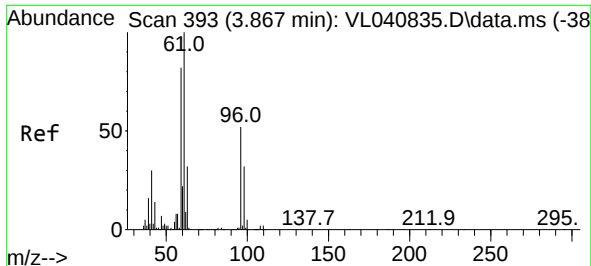
Tgt Ion: 43 Resp: 1776322
Ion Ratio Lower Upper
43 100
58 31.6 20.9 31.3#



#16
1,3-Butadiene
Concen: 10.227 ppbv
RT: 3.018 min Scan# 129
Delta R.T. -0.016 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 39 Resp: 667052
Ion Ratio Lower Upper
39 100
54 8.3 61.8 92.6#





#17

tert-Butyl alcohol

Concen: 1.055 ppbv

RT: 3.928 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040909.D

Acq: 27 Nov 2023 16:01

Instrument :

MSVOA_L

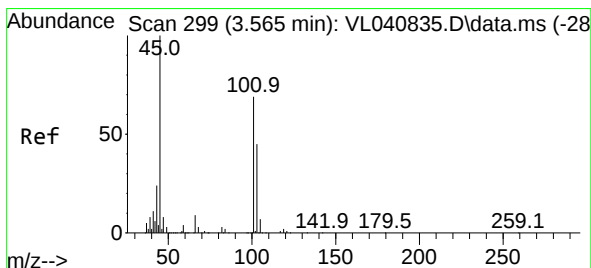
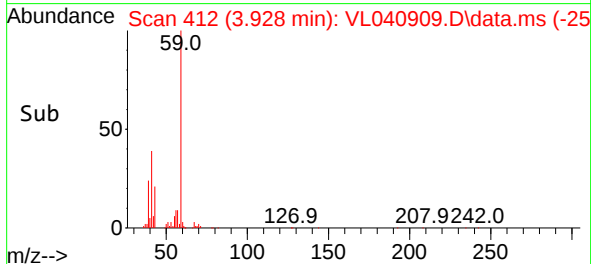
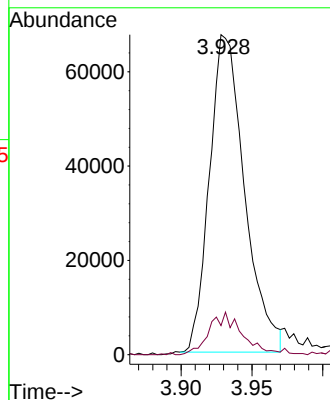
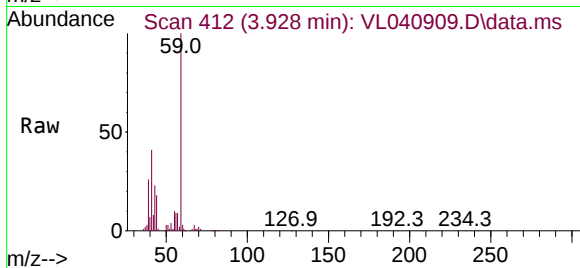
ClientSampleId :

Tgt Ion: 59 Resp: 116284

Ion Ratio Lower Upper

59 100

57 13.4 9.0 13.4



#19

Isopropyl Alcohol

Concen: 0.040 ppbv

RT: 3.658 min Scan# 328

Delta R.T. 0.039 min

Lab File: VL040909.D

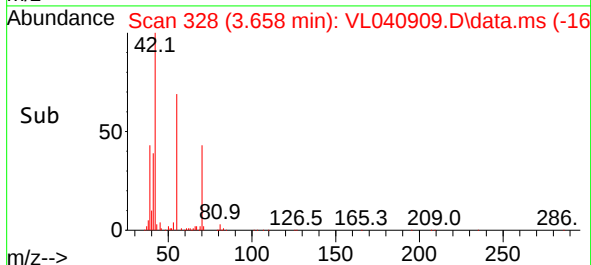
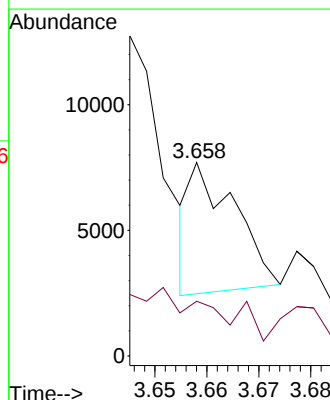
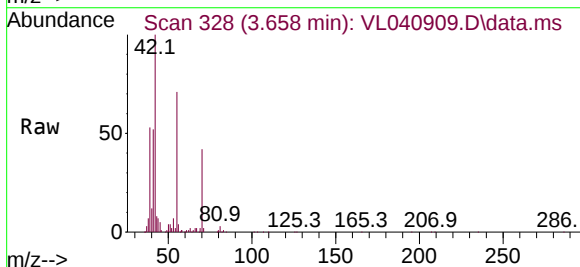
Acq: 27 Nov 2023 16:01

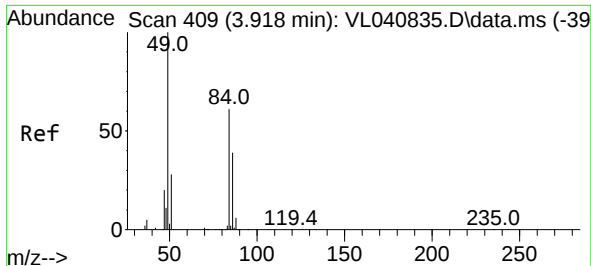
Tgt Ion: 45 Resp: 3126

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#





#20

Methylene Chloride

Concen: 11.866 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040909.D

Acq: 27 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 84 Resp: 631320

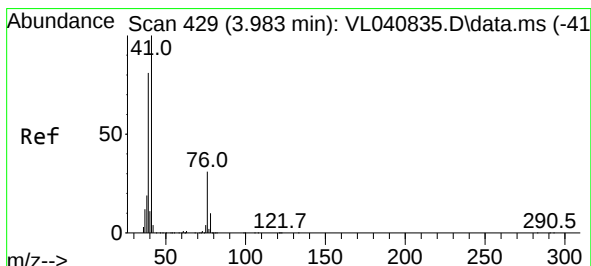
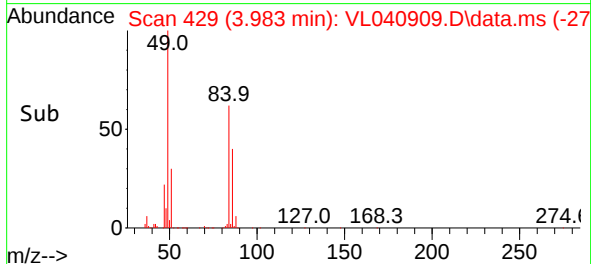
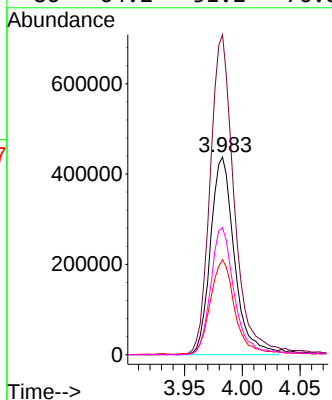
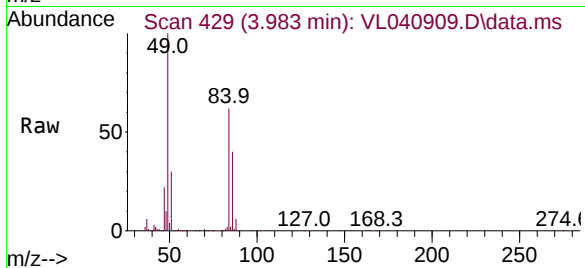
Ion Ratio Lower Upper

84 100

49 161.9 131.0 196.4

51 47.7 36.9 55.3

86 64.2 51.2 76.8



#21

Allyl Chloride

Concen: 0.228 ppbv

RT: 3.980 min Scan# 428

Delta R.T. -0.058 min

Lab File: VL040909.D

Acq: 27 Nov 2023 16:01

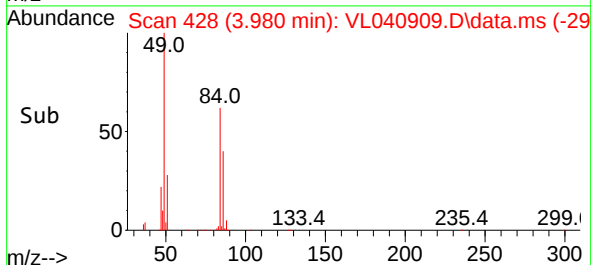
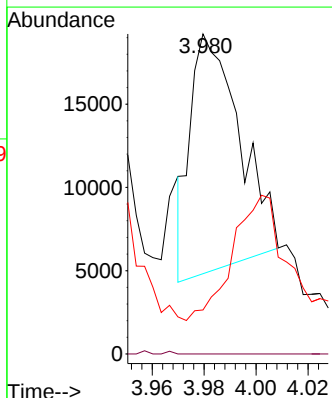
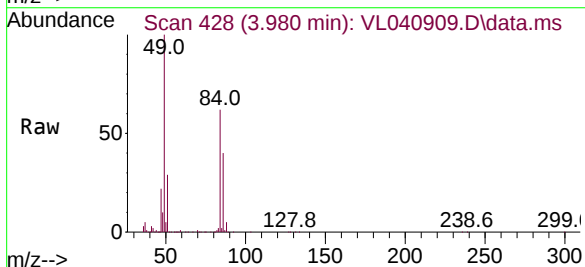
Tgt Ion: 41 Resp: 18771

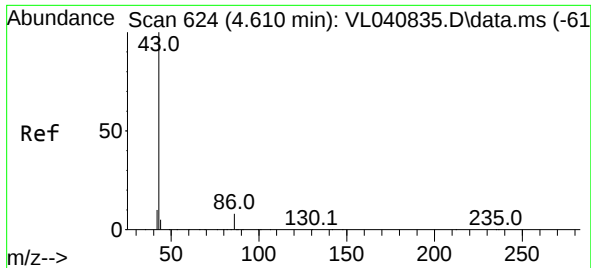
Ion Ratio Lower Upper

41 100

76 0.0 24.4 36.6#

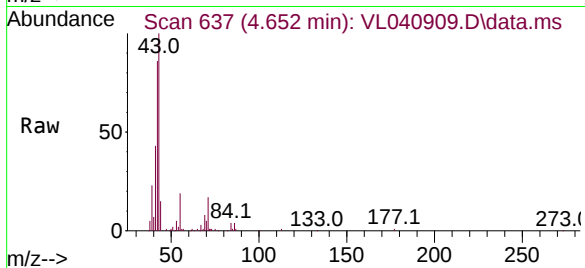
39 116.6 68.1 102.1#



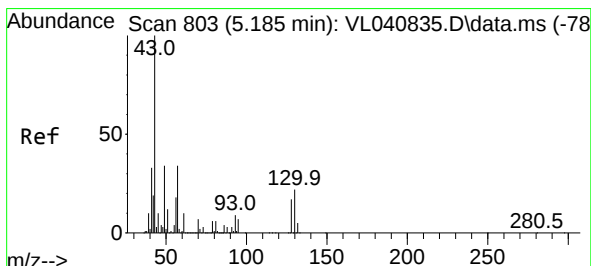
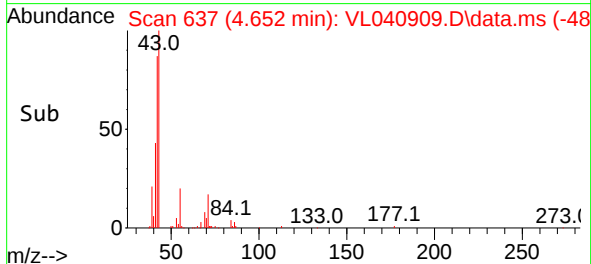
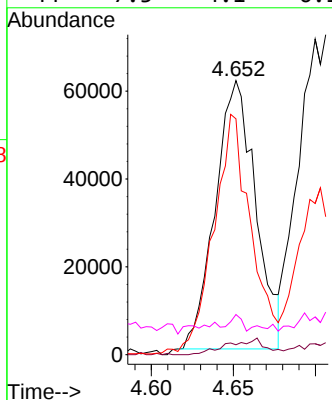


#23
Vinyl Acetate
Concen: 0.627 ppbv
RT: 4.652 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Instrument :
MSVOA_L
ClientSampleId :

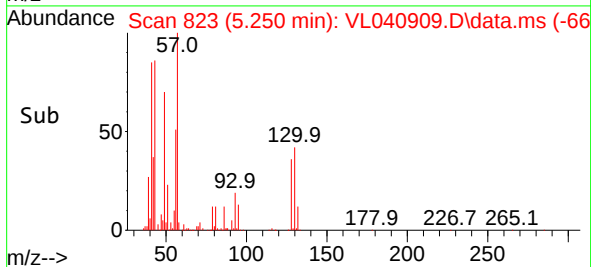
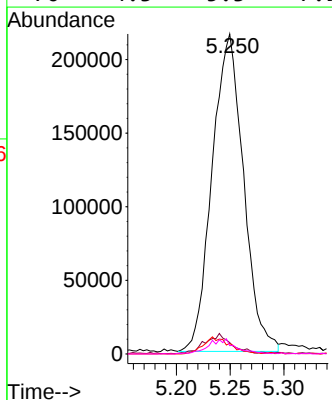
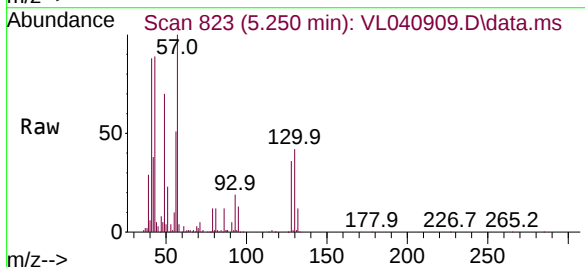


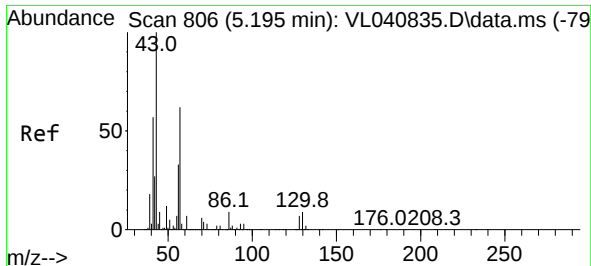
Tgt Ion: 43 Resp: 104370
Ion Ratio Lower Upper
43 100
86 4.8 5.5 8.3#
42 86.7 8.2 12.2#
44 7.3 4.1 6.1#



#25
Ethyl Acetate
Concen: 1.639 ppbv
RT: 5.250 min Scan# 823
Delta R.T. 0.013 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 43 Resp: 437503
Ion Ratio Lower Upper
43 100
45 6.2 8.1 12.1#
61 4.6 7.8 11.6#
70 4.3 5.3 7.9#

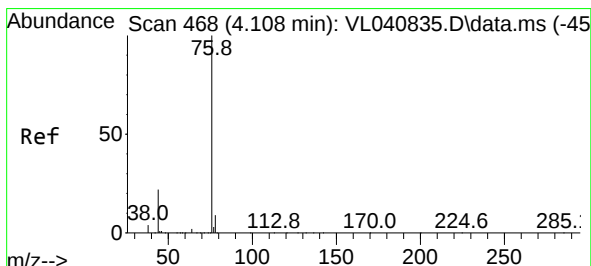
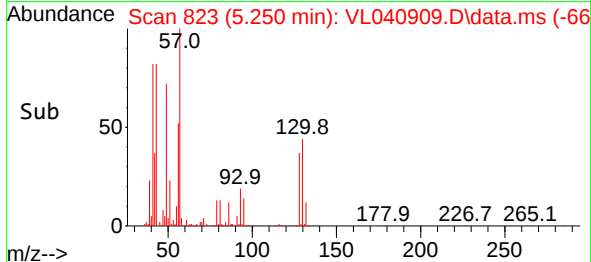
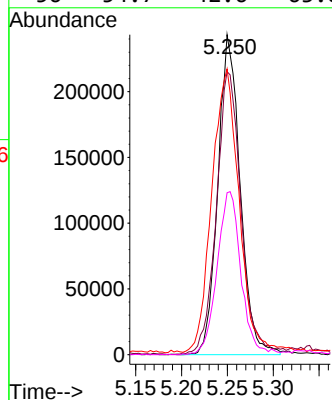
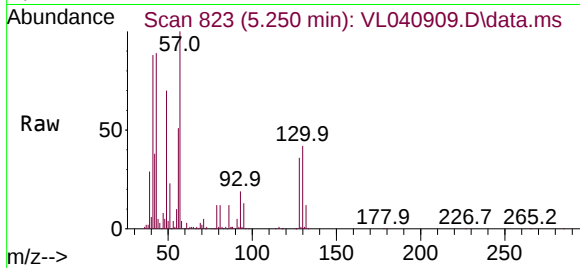




#26
Hexane
Concen: 3.485 ppbv
RT: 5.250 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

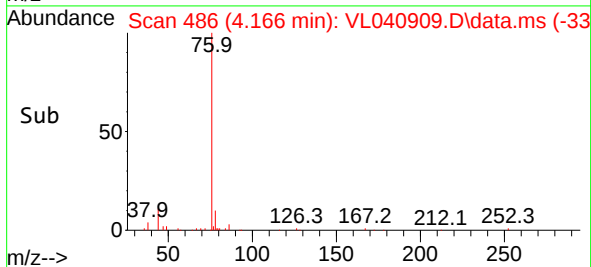
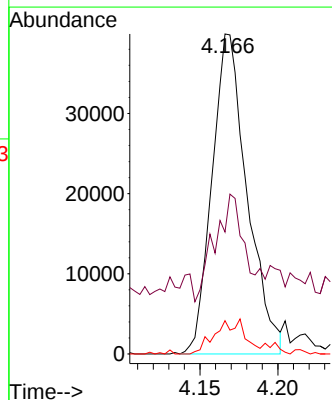
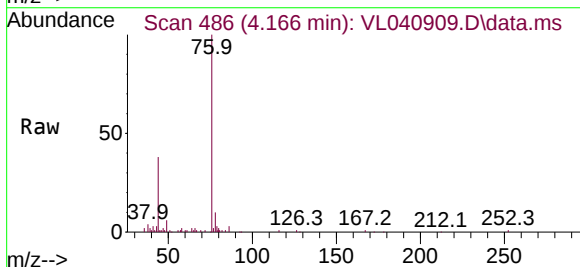
Instrument :
MSVOA_L
ClientSampleId :

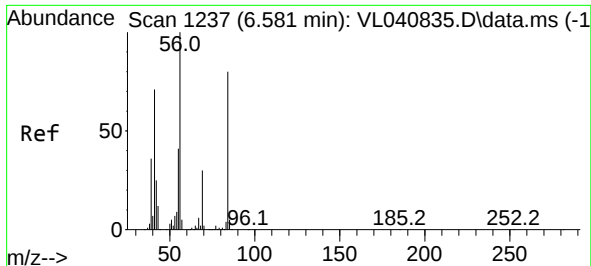
Tgt Ion: 57 Resp: 411773
Ion Ratio Lower Upper
57 100
41 96.9 75.4 113.0
43 109.1 185.9 278.9#
56 54.7 42.6 63.8



#27
Carbon Disulfide
Concen: 0.418 ppbv
RT: 4.166 min Scan# 486
Delta R.T. 0.000 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 76 Resp: 62596
Ion Ratio Lower Upper
76 100
44 48.2 16.7 25.1#
78 11.2 7.6 11.4

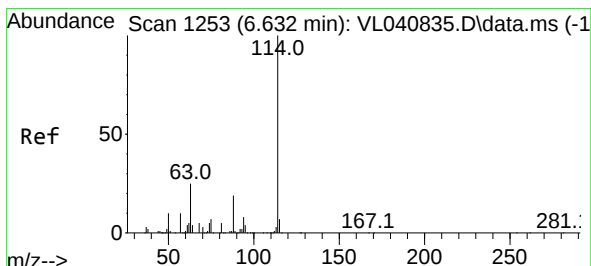
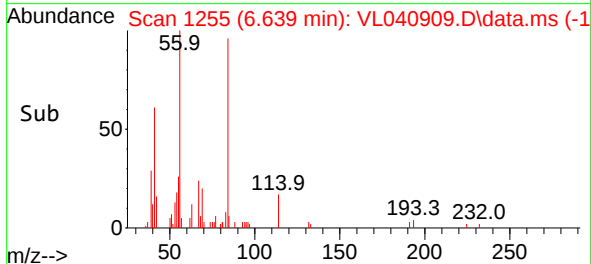
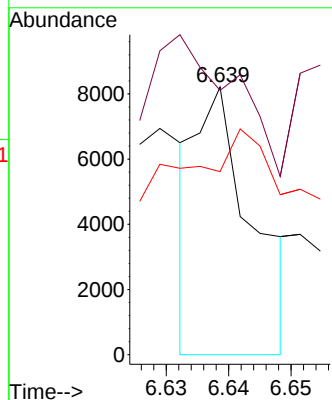
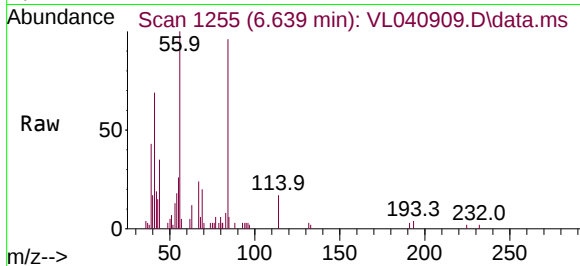




#30
Cyclohexane
Concen: 0.050 ppbv
RT: 6.639 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

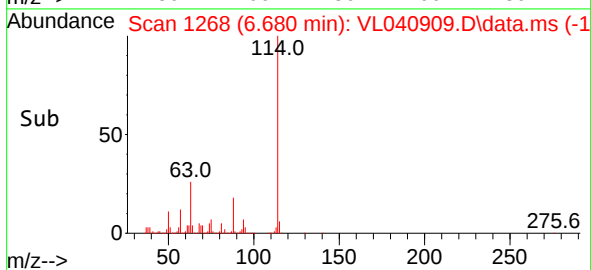
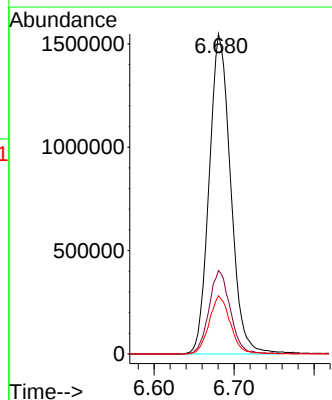
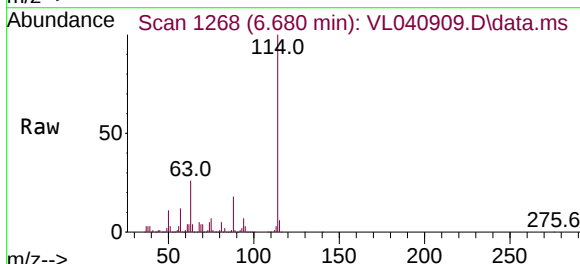
Instrument :
MSVOA_L
ClientSampleId :

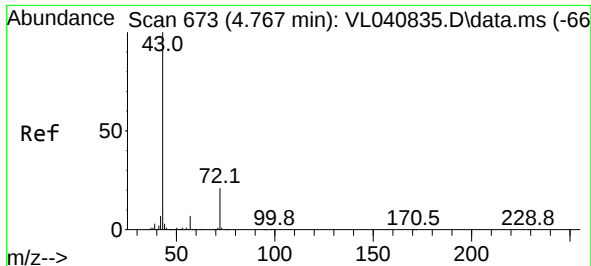
Tgt Ion: 84 Resp: 5128
Ion Ratio Lower Upper
84 100
56 0.0 109.3 163.9#
41 0.0 71.4 107.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.680 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 114 Resp: 2886883
Ion Ratio Lower Upper
114 100
63 26.1 20.9 31.3
88 18.0 14.3 21.5

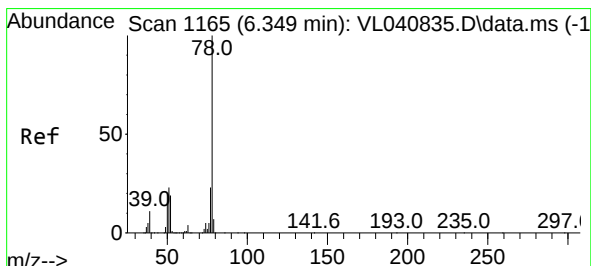
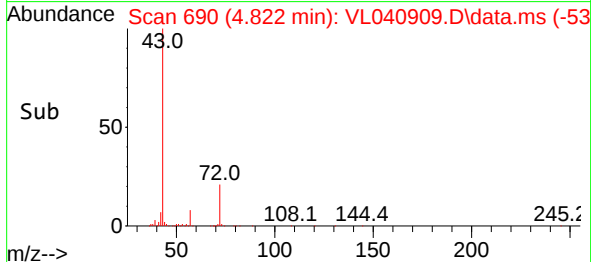
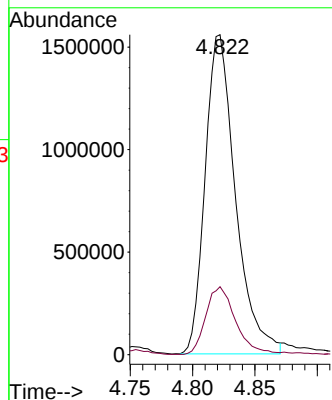
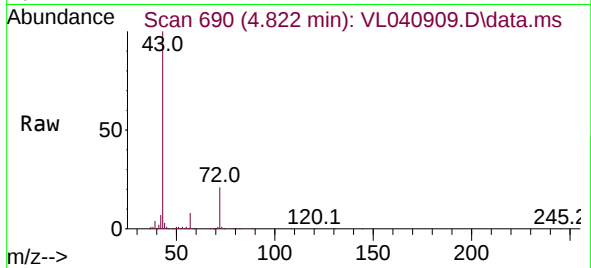




#34
2-Butanone
Concen: 17.929 ppbv
RT: 4.822 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

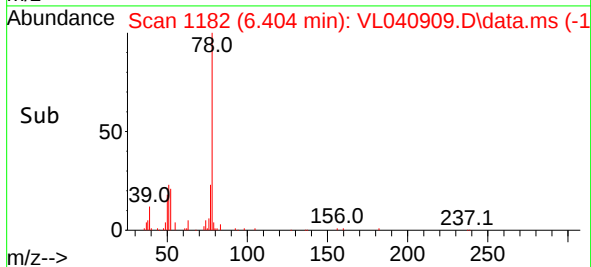
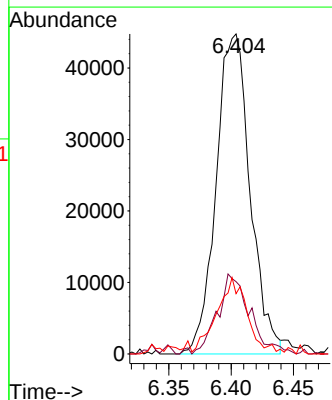
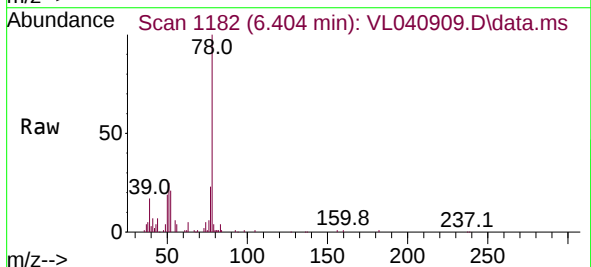
Instrument :
MSVOA_L
ClientSampleId :

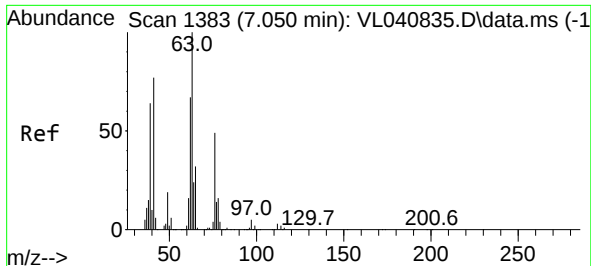
Tgt Ion: 43 Resp: 2636777
Ion Ratio Lower Upper
43 100
72 21.5 17.2 25.8



#36
Benzene
Concen: 0.363 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 78 Resp: 85045
Ion Ratio Lower Upper
78 100
77 22.6 18.4 27.6
50 17.5 16.2 24.2





#39

1,2-Dichloropropane

Concen: 7.911 ppbv

RT: 6.680 min Scan# 1

Delta R.T. -0.418 min

Lab File: VL040909.D

Acq: 27 Nov 2023 16:01

Instrument :

MSVOA_L

ClientSampleId :

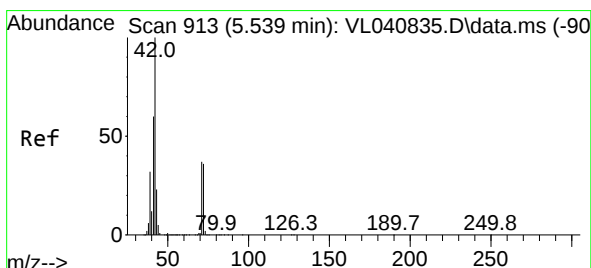
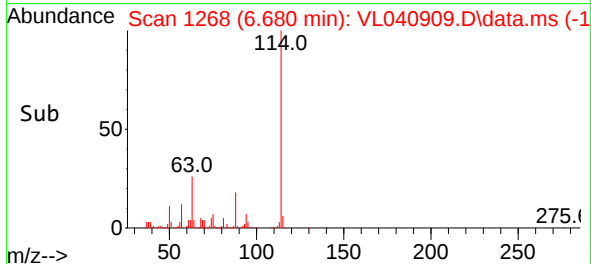
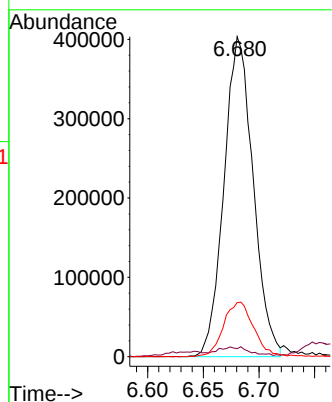
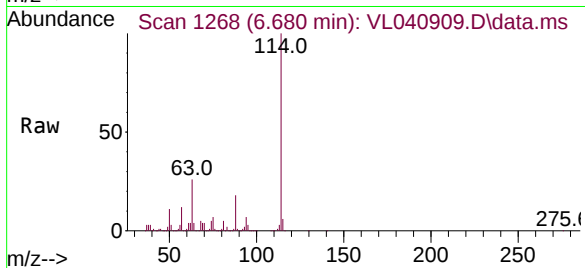
Tgt Ion: 63 Resp: 734904

Ion Ratio Lower Upper

63 100

41 1.9 61.5 92.3#

62 16.9 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.263 ppbv

RT: 5.600 min Scan# 932

Delta R.T. 0.010 min

Lab File: VL040909.D

Acq: 27 Nov 2023 16:01

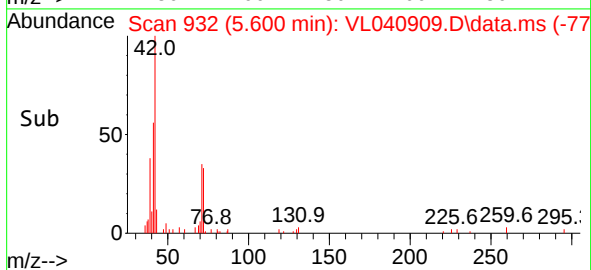
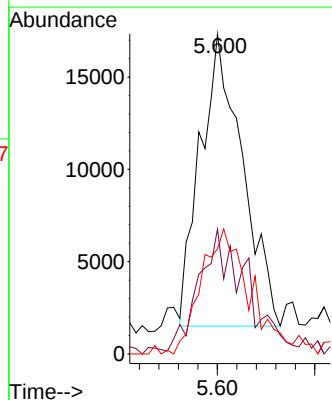
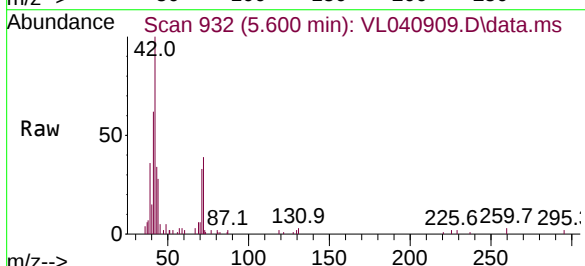
Tgt Ion: 42 Resp: 23776

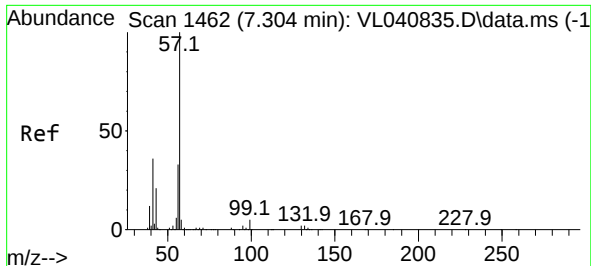
Ion Ratio Lower Upper

42 100

72 53.4 30.8 46.2#

71 52.7 30.0 45.0#



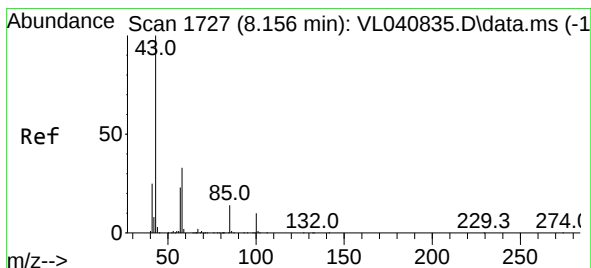
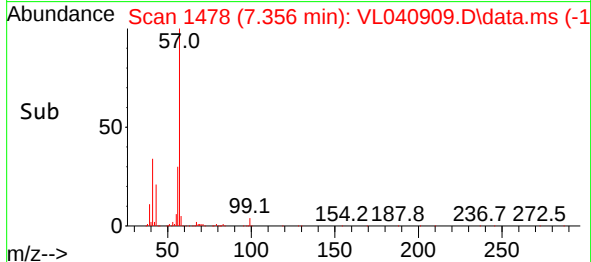
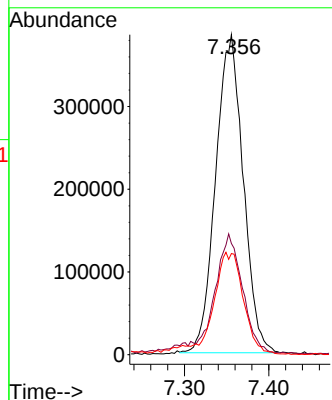
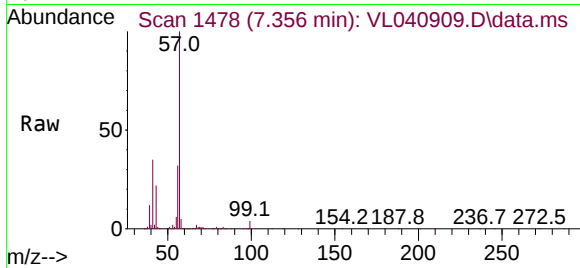


#44
 2,2,4-Trimethylpentane
 Concen: 2.242 ppbv
 RT: 7.356 min Scan# 1462
 Delta R.T. 0.003 min
 Lab File: VL040909.D
 Acq: 27 Nov 2023 16:01

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 57 Resp: 872667

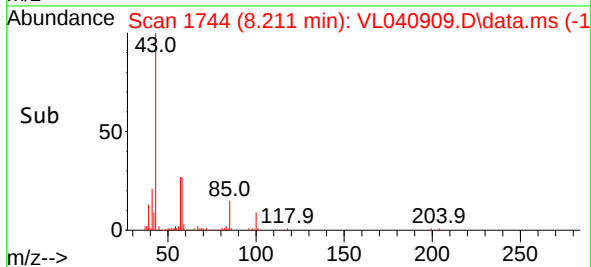
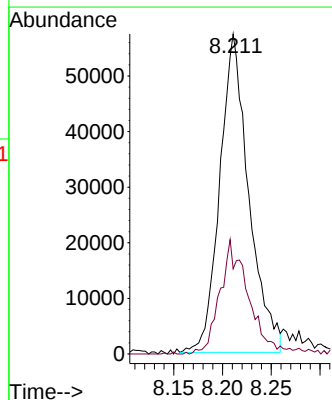
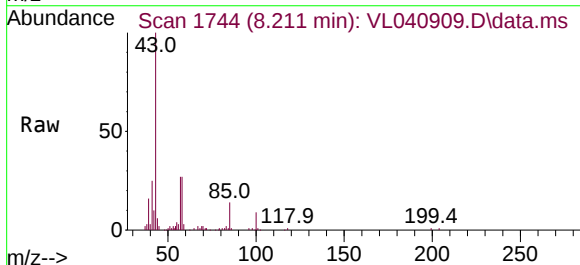
Ion	Ratio	Lower	Upper
57	100		
41	41.2	29.0	43.6
56	36.5	25.2	37.8

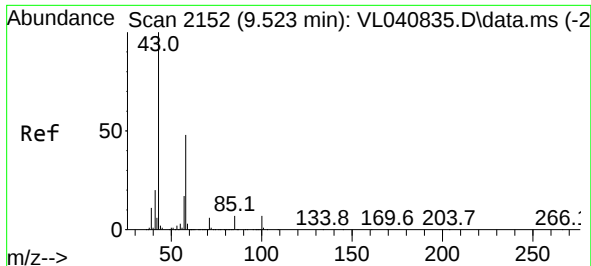


#50
 4-Methyl-2-Pentanone
 Concen: 0.521 ppbv
 RT: 8.211 min Scan# 1744
 Delta R.T. 0.010 min
 Lab File: VL040909.D
 Acq: 27 Nov 2023 16:01

Tgt Ion: 43 Resp: 118531

Ion	Ratio	Lower	Upper
43	100		
58	36.7	27.8	41.6

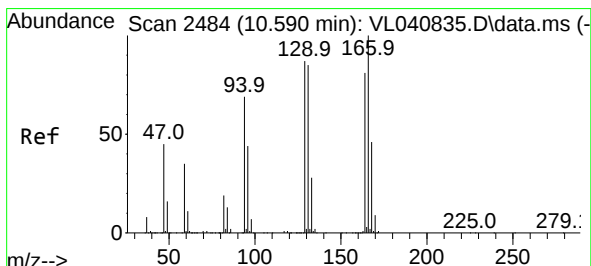
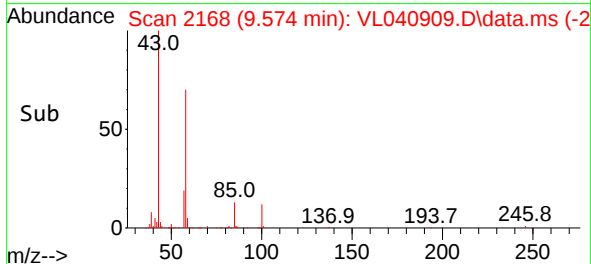
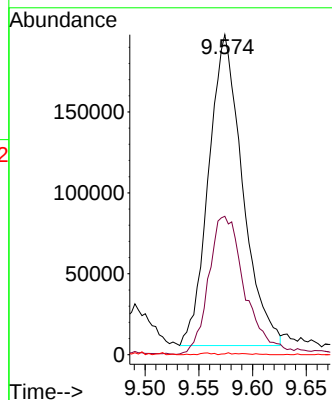
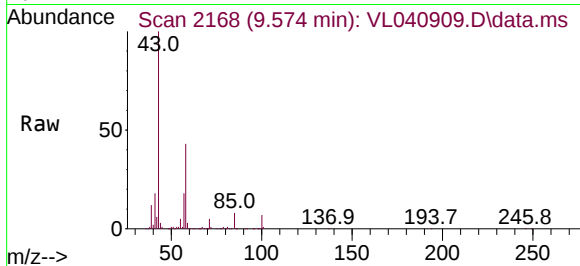




#51
2-Hexanone
Concen: 2.627 ppbv
RT: 9.574 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

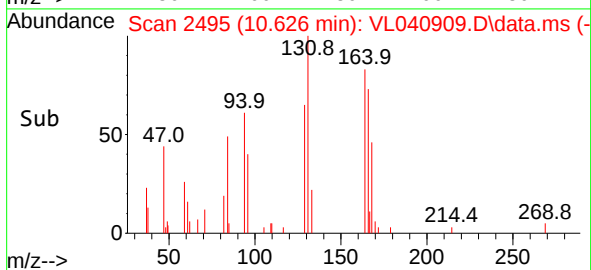
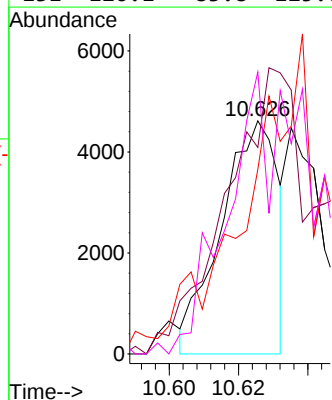
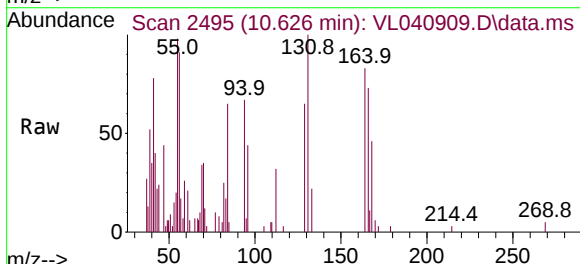
Instrument :
MSVOA_L
ClientSampleId :

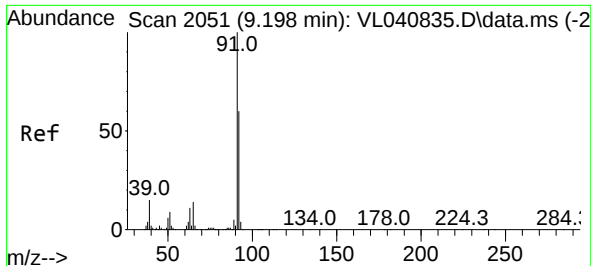
Tgt Ion: 43 Resp: 421540
Ion Ratio Lower Upper
43 100
58 48.2 37.4 56.2
98 0.3 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.067 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.006 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion:164 Resp: 5250
Ion Ratio Lower Upper
164 100
166 73.7 98.3 147.5#
129 55.2 85.1 127.7#
131 126.1 83.8 125.6#

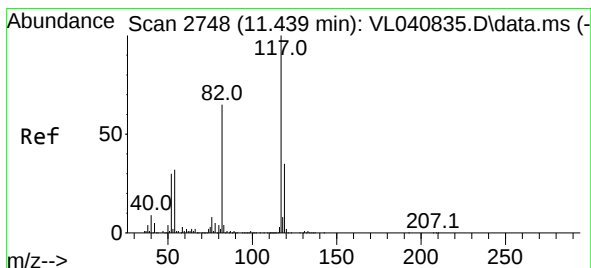
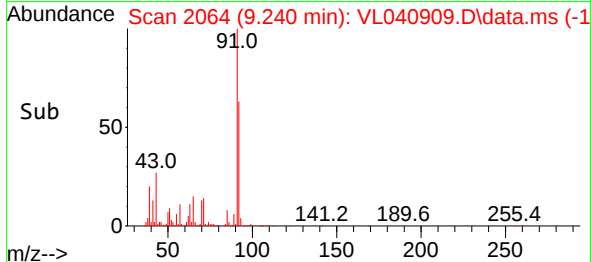
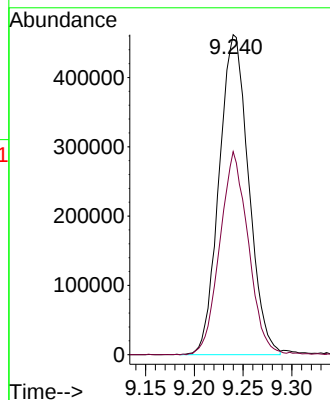
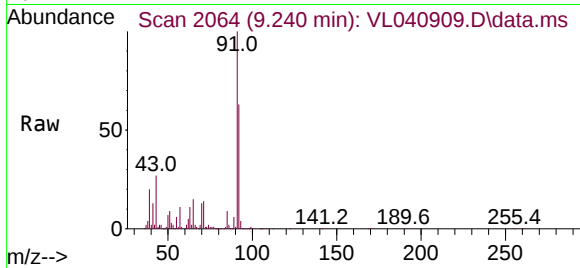




#53
Toluene
Concen: 3.772 ppbv
RT: 9.240 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

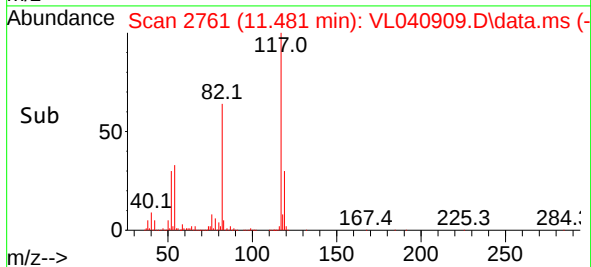
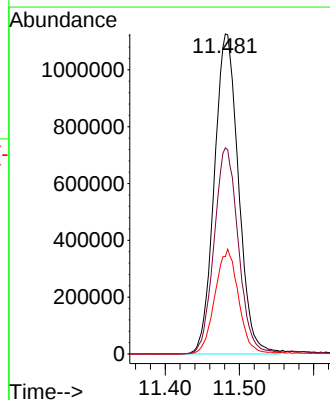
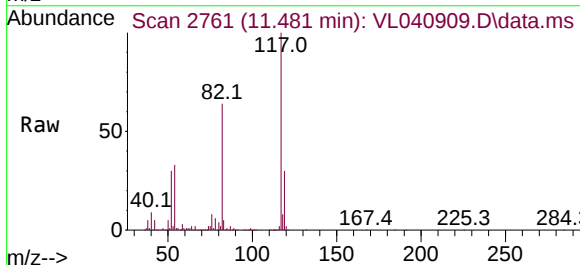
Instrument :
MSVOA_L
ClientSampleId :

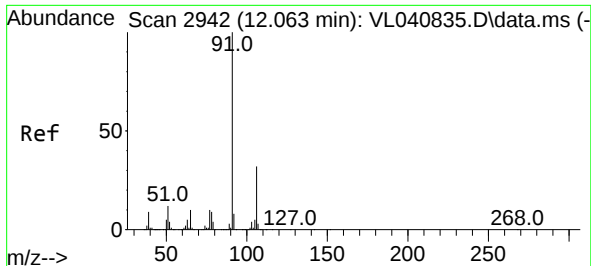
Tgt Ion: 91 Resp: 972614
Ion Ratio Lower Upper
91 100
92 61.5 49.4 74.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 117 Resp: 2553169
Ion Ratio Lower Upper
117 100
82 64.8 50.6 75.8
119 32.4 23.3 34.9

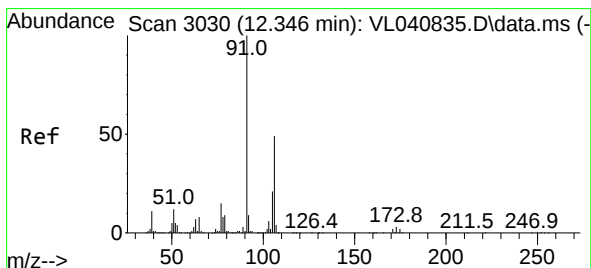
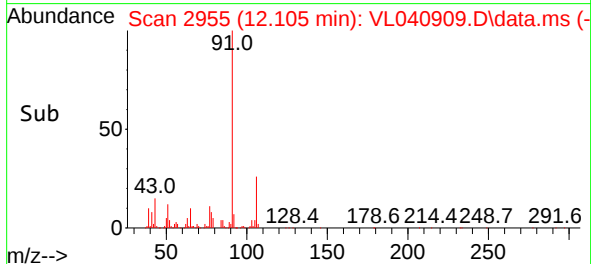
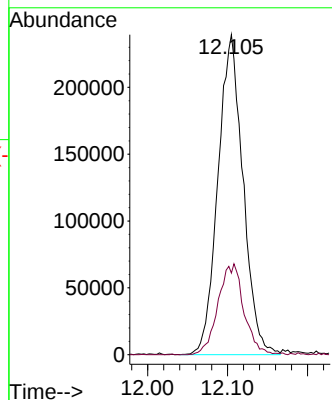
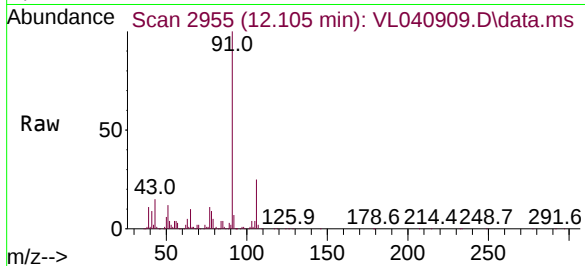




#58
Ethyl Benzene
Concen: 1.564 ppbv
RT: 12.105 min Scan# 2942
Delta R.T. 0.000 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

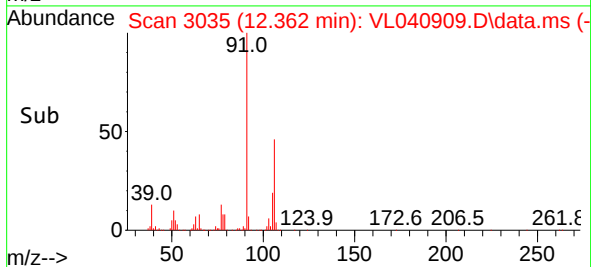
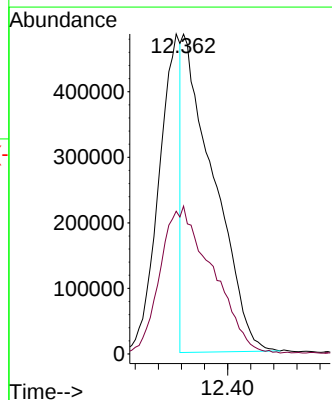
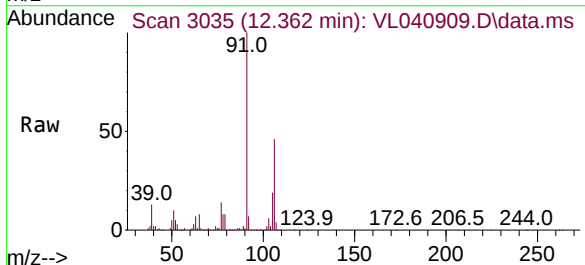
Instrument :
MSVOA_L
ClientSampleId :

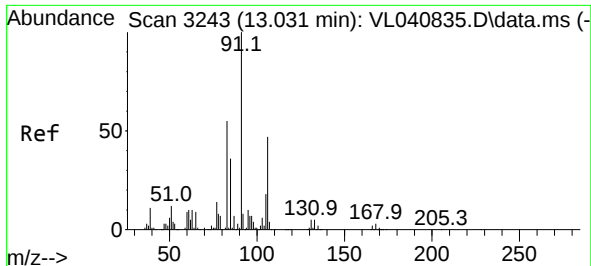
Tgt Ion: 91 Resp: 521055
Ion Ratio Lower Upper
91 100
106 25.5 25.2 37.8



#59
m/p-Xylene
Concen: 3.217 ppbv
RT: 12.362 min Scan# 3035
Delta R.T. -0.023 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 91 Resp: 912458
Ion Ratio Lower Upper
91 100
106 78.2 35.4 53.0#

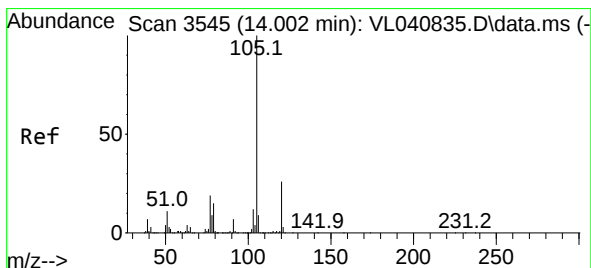
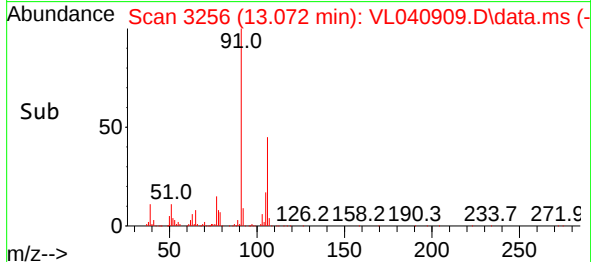
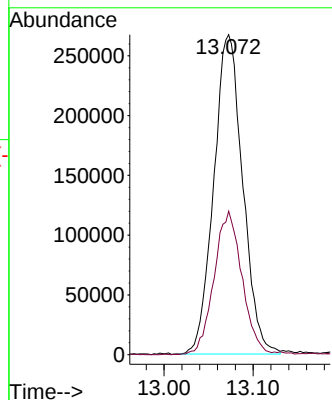
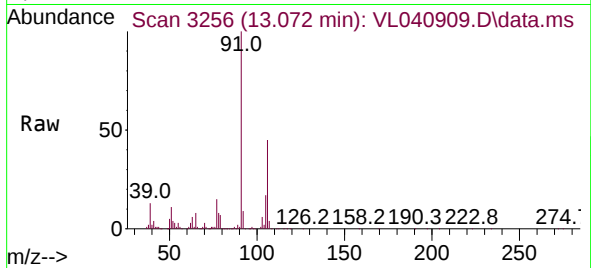




#60
o-Xylene
Concen: 2.235 ppbv
RT: 13.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

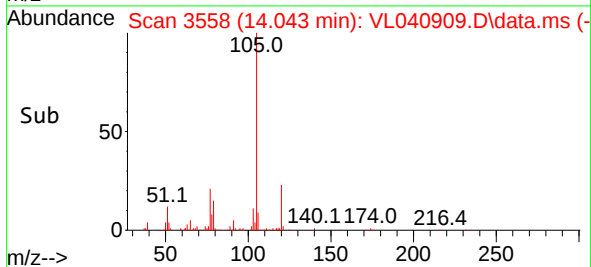
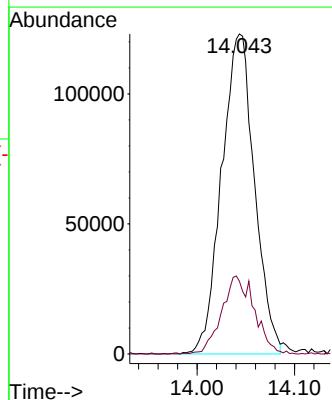
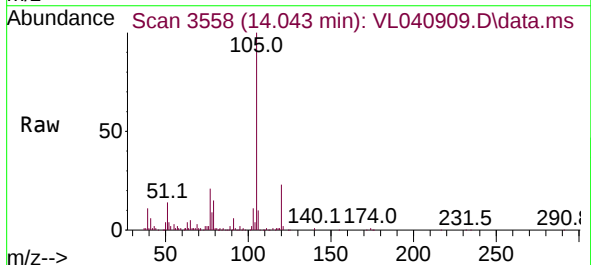
Instrument :
MSVOA_L
ClientSampleId :

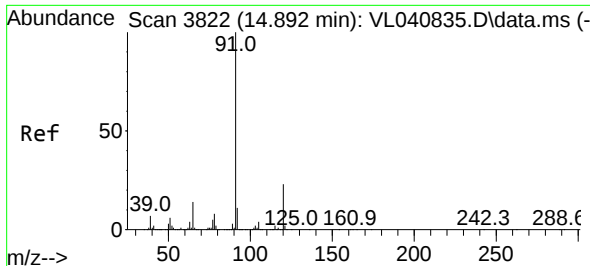
Tgt Ion: 91 Resp: 603654
Ion Ratio Lower Upper
91 100
106 43.8 22.9 68.5



#62
Isopropylbenzene
Concen: 0.722 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 105 Resp: 288210
Ion Ratio Lower Upper
105 100
120 24.4 20.7 31.1

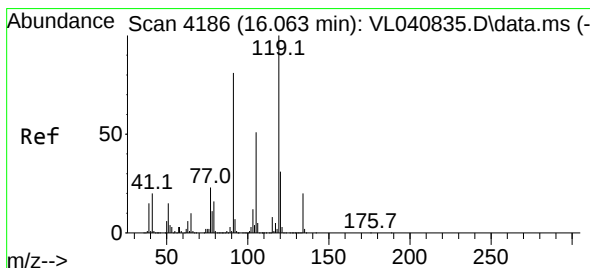
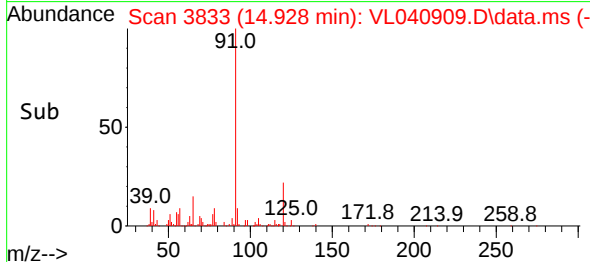
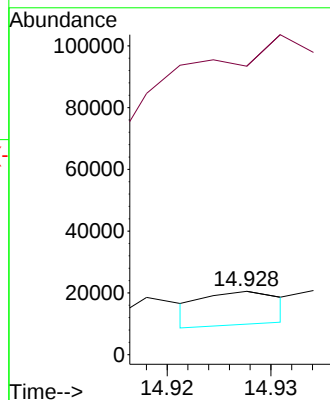
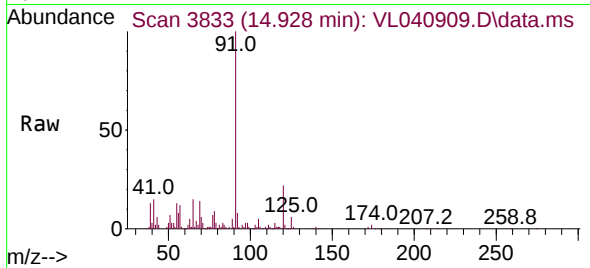




#64
n-propylbenzene
Concen: 0.057 ppbv
RT: 14.928 min Scan# 3822
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

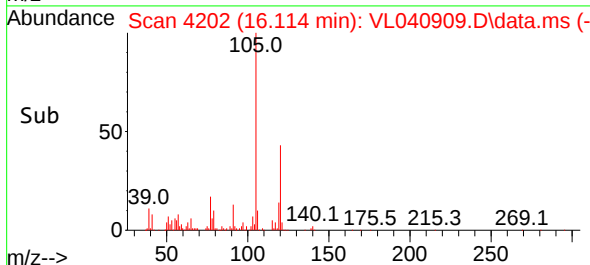
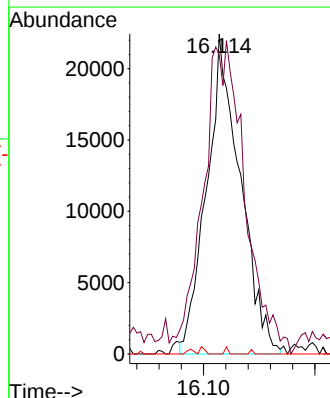
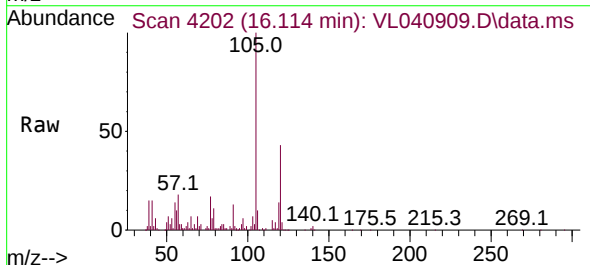
Instrument :
MSVOA_L
ClientSampleId :

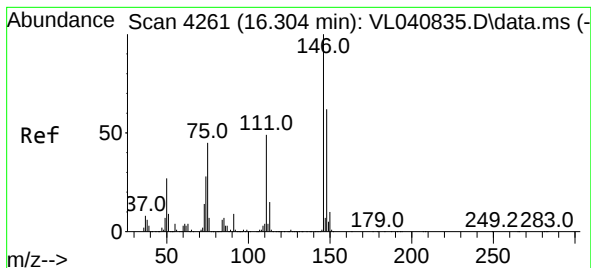
Tgt Ion:120 Resp: 5678
Ion Ratio Lower Upper
120 100
91 0.0 381.1 571.7#



#65
tert-Butylbenzene
Concen: 0.139 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.013 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion:119 Resp: 46802
Ion Ratio Lower Upper
119 100
91 117.6 67.5 101.3#
134 0.6 15.9 23.9#

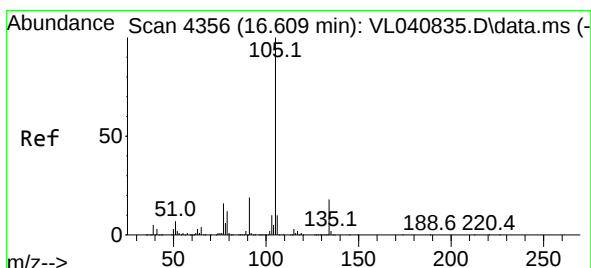
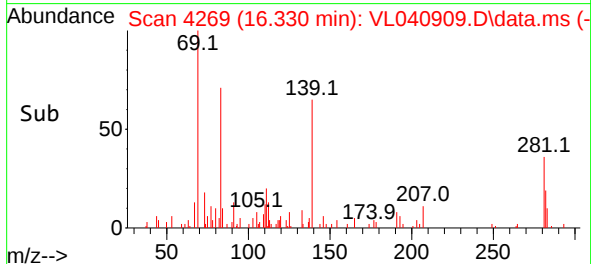
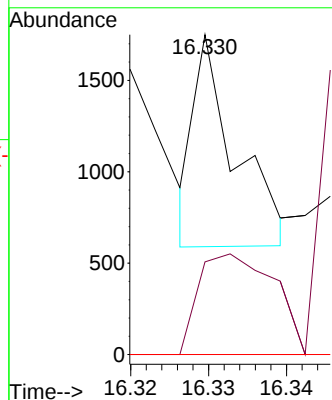
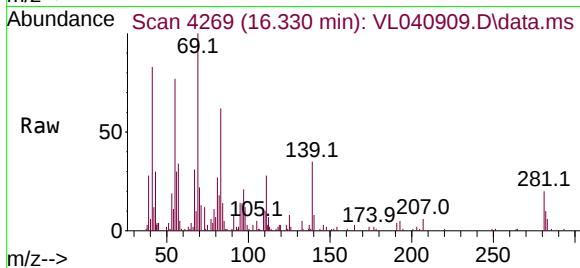




#66
Benzyl Chloride
Concen: 0.035 ppbv
RT: 16.330 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

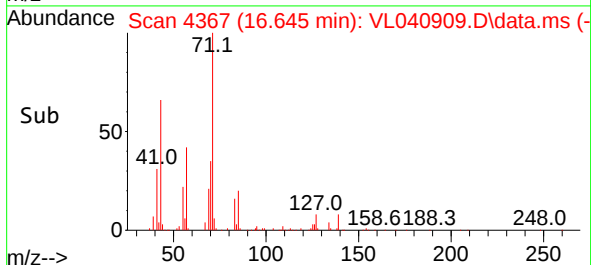
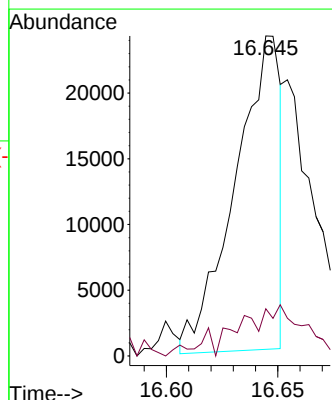
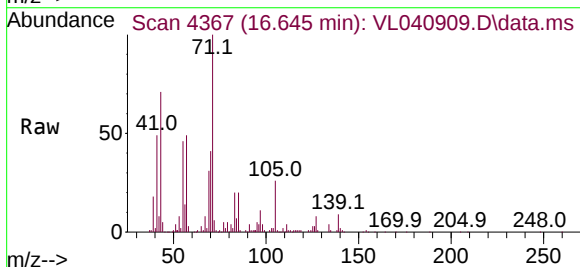
Instrument :
MSVOA_L
ClientSampleId :

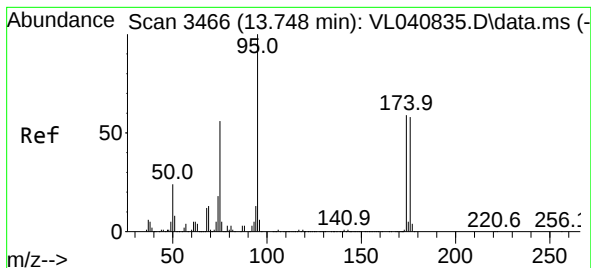
Tgt Ion: 91 Resp: 428
Ion Ratio Lower Upper
91 100
126 0.0 12.8 19.2#
128 0.0 0.0 0.0



#67
sec-Butylbenzene
Concen: 0.070 ppbv
RT: 16.645 min Scan# 4367
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 105 Resp: 33690
Ion Ratio Lower Upper
105 100
134 0.0 14.3 21.5#

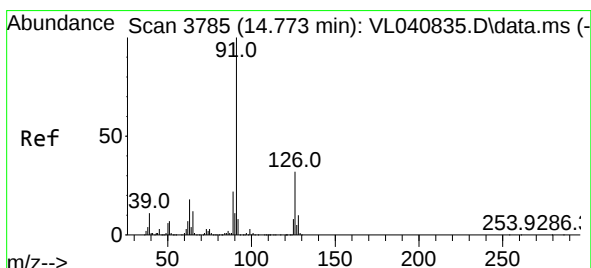
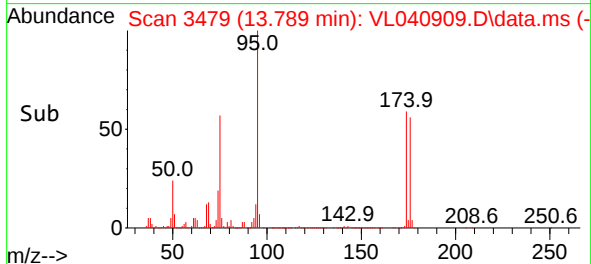
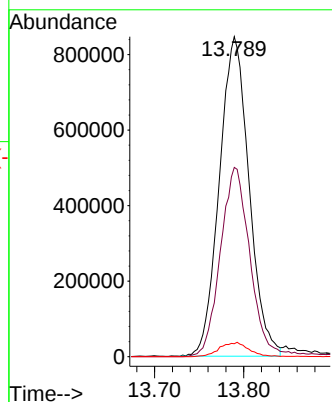
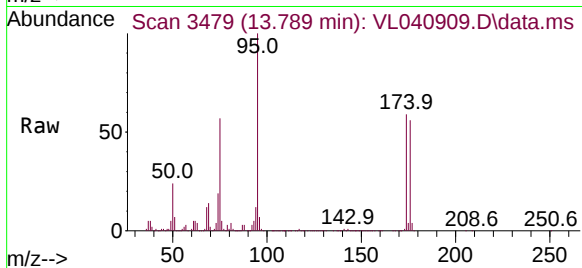




#68
1-Bromo-4-Fluorobenzene
Concen: 9.815 ppbv
RT: 13.789 min Scan# 3466
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

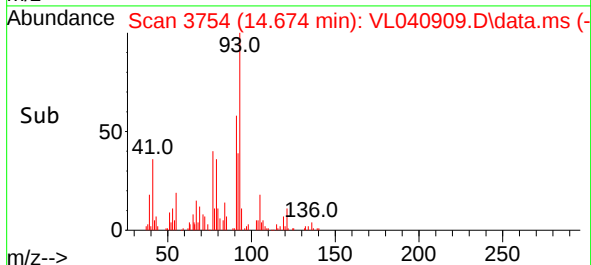
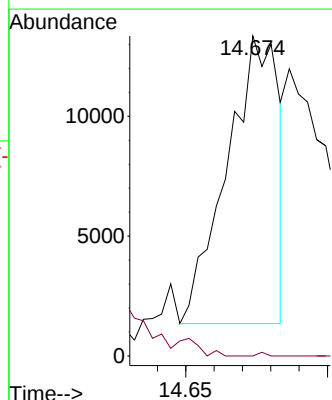
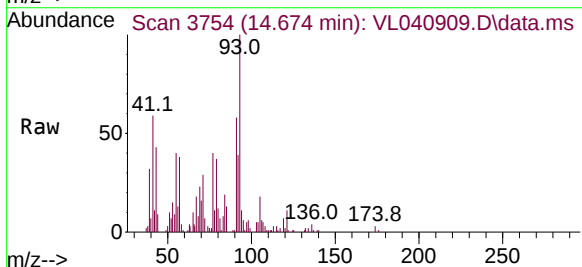
Instrument :
MSVOA_L
ClientSampleId :

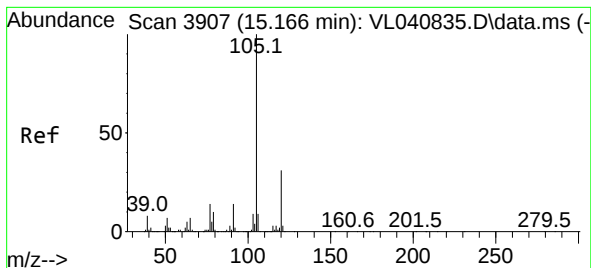
Tgt Ion: 95 Resp: 1961884
Ion Ratio Lower Upper
95 100
174 60.3 47.5 71.3
175 4.5 3.6 5.4



#71
2-Chlorotoluene
Concen: 0.050 ppbv
RT: 14.674 min Scan# 3754
Delta R.T. -0.145 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

Tgt Ion: 91 Resp: 15128
Ion Ratio Lower Upper
91 100
126 26.7 12.1 48.5

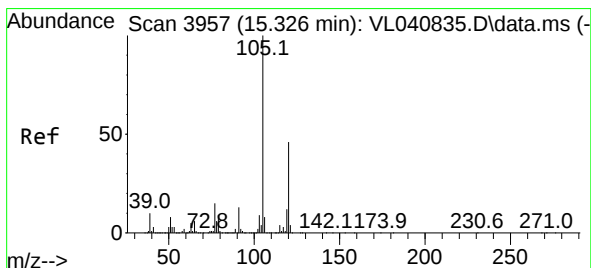
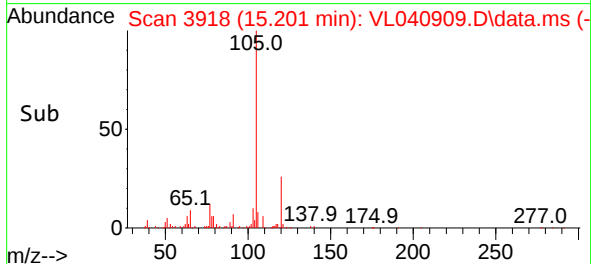
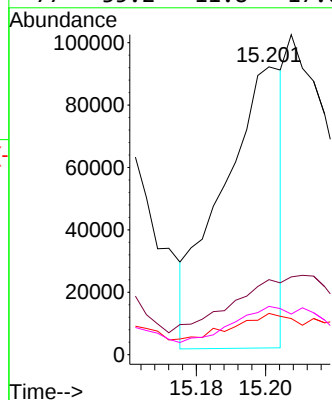
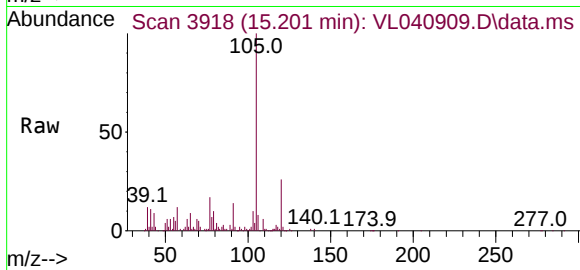




#72
4-Ethyltoluene
Concen: 0.365 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

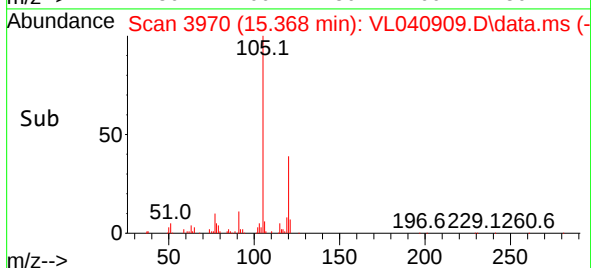
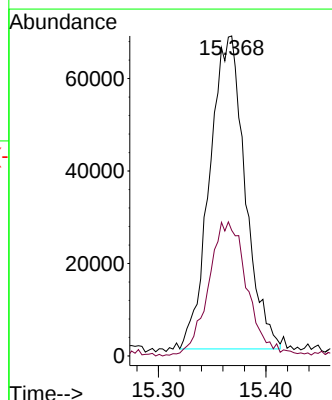
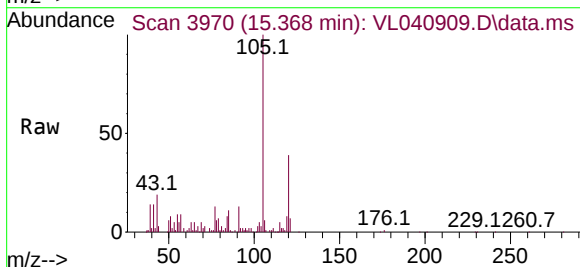
Instrument :
MSVOA_L
ClientSampleId :

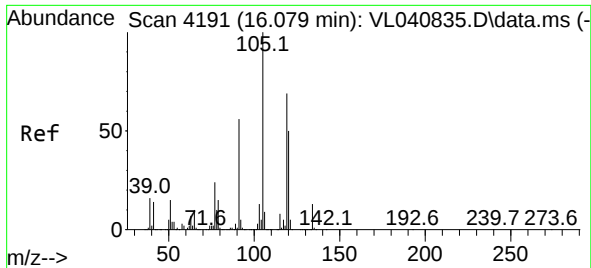
Tgt Ion:105 Resp: 108379
Ion Ratio Lower Upper
105 100
120 0.0 24.5 36.7#
91 28.7 10.6 16.0#
77 35.2 11.8 17.6#



#73
1,3,5-Trimethylbenzene
Concen: 0.590 ppbv
RT: 15.368 min Scan# 3970
Delta R.T. 0.003 min
Lab File: VL040909.D
Acq: 27 Nov 2023 16:01

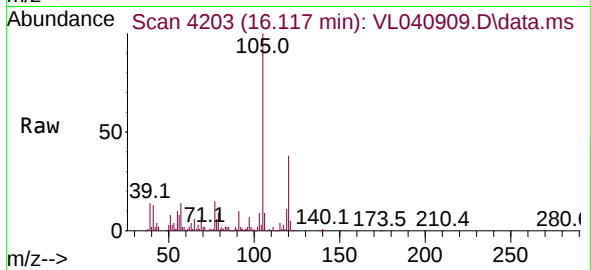
Tgt Ion:105 Resp: 155012
Ion Ratio Lower Upper
105 100
120 39.0 36.8 55.2





#74
 1,2,4-Trimethylbenzene
 Concen: 1.426 ppbv
 RT: 16.117 min Scan# 4191
 Delta R.T. -0.003 min
 Lab File: VL040909.D
 Acq: 27 Nov 2023 16:01

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:105 Resp: 417776
 Ion Ratio Lower Upper
 105 100
 120 38.0 40.2 60.2#
 91 9.8 45.7 68.5#
 77 14.4 19.2 28.8#

