

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040907.D
 Acq On : 27 Nov 2023 14:33
 Operator : SY/MD
 Sample : 05520-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 28 04:38:06 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

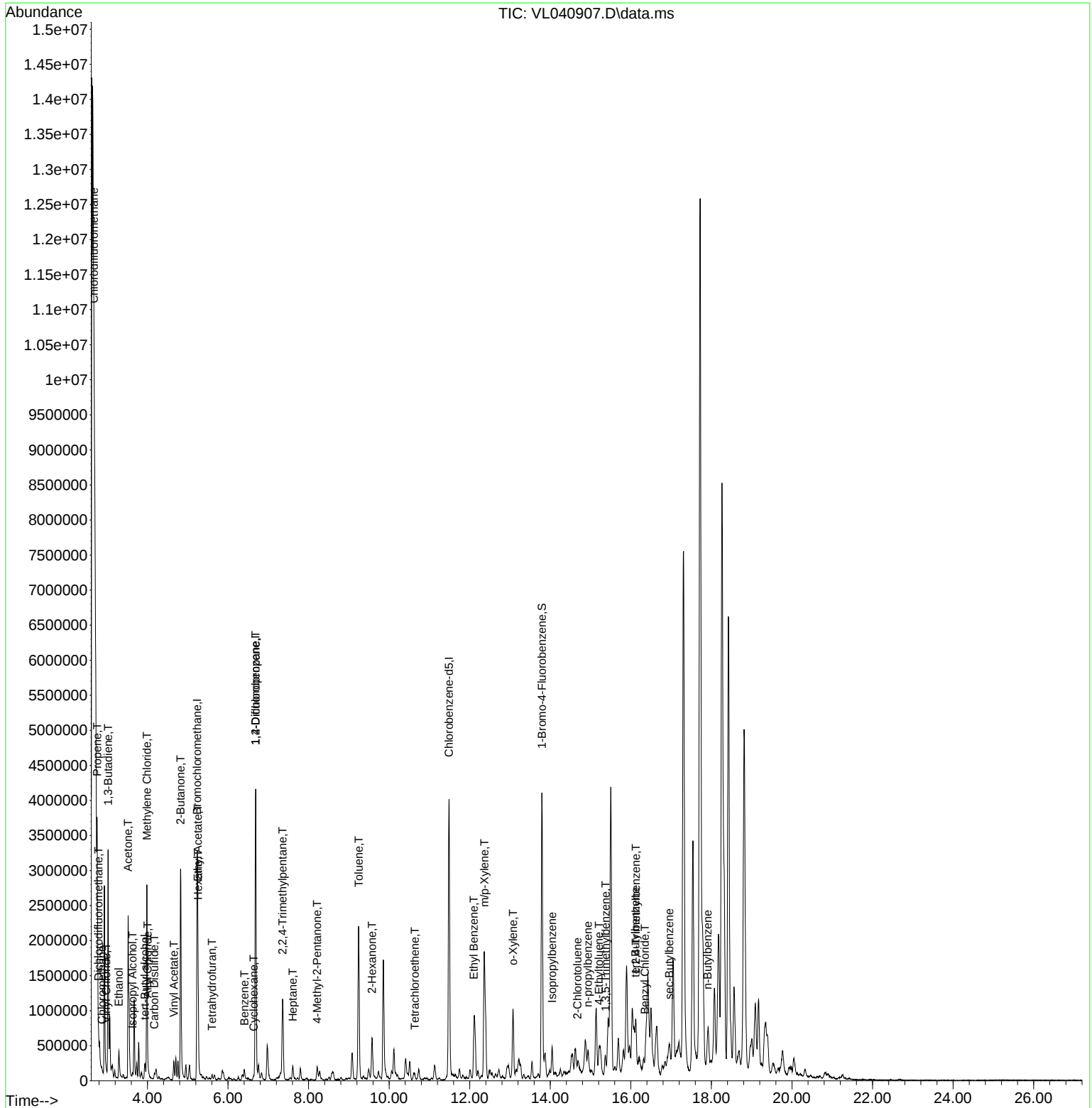
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

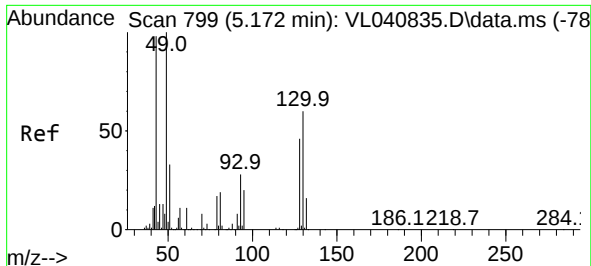
Internal Standards						
1) Bromochloromethane	5.234	49	1225055	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	2871269	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2547000	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2029804	10.179	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.784	85	22619	0.091	ppbv	96
3) Chlorodifluoromethane	2.674	51	9461	0.048	ppbv	99
4) Chloromethane	2.870	50	17860	0.254	ppbv	94
5) Vinyl Chloride	2.977	62	4786	0.068	ppbv	91
9) Propene	2.751	41	817324	12.399	ppbv	94
10) Heptane	7.607	43	81945	0.505	ppbv	91
13) Ethanol	3.292	45	397682	31.070	ppbv #	100
15) Acetone	3.520	43	2254636	17.280	ppbv	91
16) 1,3-Butadiene	3.025	39	818574	12.401	ppbv #	21
17) tert-Butyl alcohol	3.935	59	145765	1.306	ppbv	96
19) Isopropyl Alcohol	3.632	45	64276	0.819	ppbv #	94
20) Methylene Chloride	3.986	84	830271	15.420	ppbv	95
21) Allyl Chloride	4.005	41	5945	0.071	ppbv #	1
23) Vinyl Acetate	4.655	43	129583	0.769	ppbv #	16
25) Ethyl Acetate	5.253	43	570825	2.113	ppbv #	89
26) Hexane	5.256	57	541716	4.531	ppbv #	53
27) Carbon Disulfide	4.173	76	85167	0.562	ppbv #	68
30) Cyclohexane	6.639	84	9253	0.090	ppbv #	30
34) 2-Butanone	4.825	43	3371471	23.049	ppbv	99
36) Benzene	6.407	78	104305	0.448	ppbv	97
39) 1,2-Dichloropropane	6.687	63	748079	8.096	ppbv #	24
41) Tetrahydrofuran	5.607	42	25718	0.286	ppbv #	66
44) 2,2,4-Trimethylpentane	7.356	57	1109733	2.867	ppbv	91
50) 4-Methyl-2-Pentanone	8.211	43	146298	0.646	ppbv	99
51) 2-Hexanone	9.574	43	528953	3.315	ppbv #	97
52) Tetrachloroethene	10.639	164	5881	0.075	ppbv #	79
53) Toluene	9.246	91	1221013	4.762	ppbv	99
58) Ethyl Benzene	12.105	91	404122	1.216	ppbv	97
59) m/p-Xylene	12.362	91	1954820	6.908	ppbv	97
60) o-Xylene	13.076	91	759705	2.820	ppbv	97
62) Isopropylbenzene	14.044	105	366561	0.921	ppbv	98
64) n-propylbenzene	14.931	120	12185	0.122	ppbv #	1
65) tert-Butylbenzene	16.114	119	24843	0.074	ppbv #	17
66) Benzyl Chloride	16.349	91	932	0.075	ppbv #	62
67) sec-Butylbenzene	16.953	105	34905	0.073	ppbv	96
70) n-Butylbenzene	17.905	91	14210	0.035	ppbv #	33
71) 2-Chlorotoluene	14.677	91	12831	0.042	ppbv	82
72) 4-Ethyltoluene	15.208	105	273170	0.922	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.372	105	198713	0.759	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	535796	1.833	ppbv #	64

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

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 28 04:38:06 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 : Tue Nov 28 04:31:59 2023
Response via : Initial Calibration

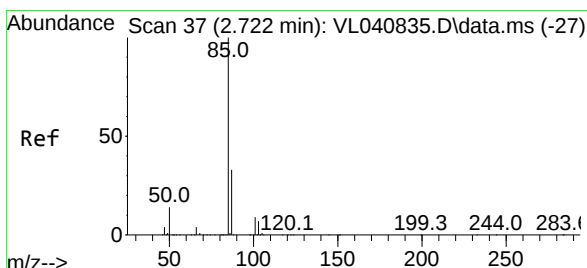
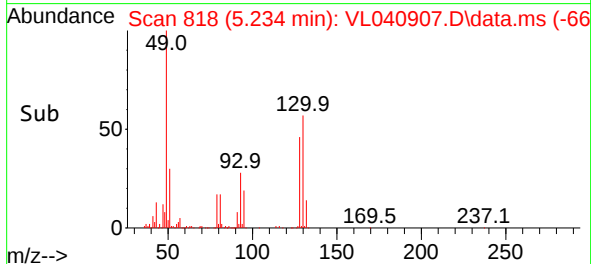
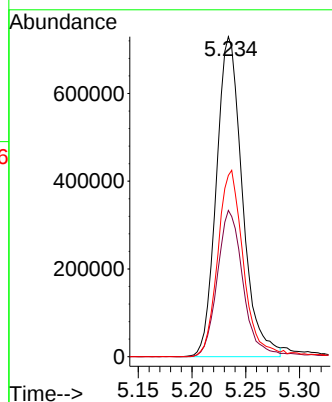
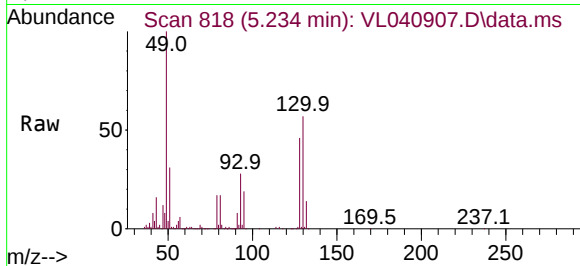




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.234 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

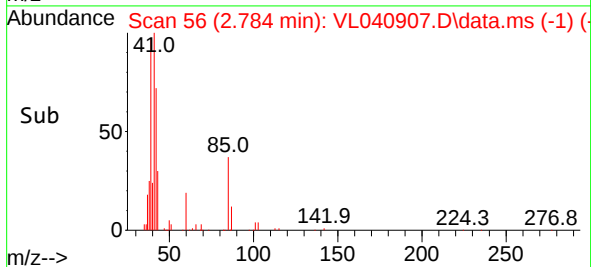
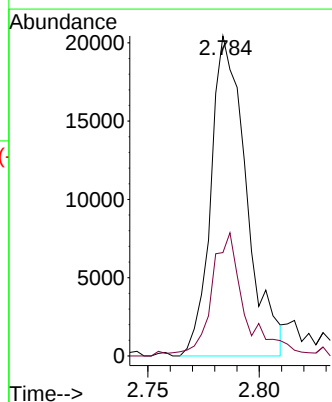
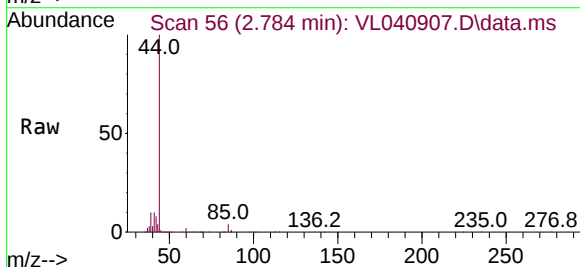
Instrument :
 MSVOA_L
 ClientSampleId :

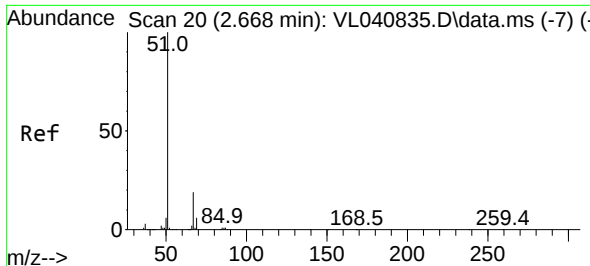
Tgt Ion: 49 Resp: 1225055
 Ion Ratio Lower Upper
 49 100
 128 46.0 23.8 71.2
 130 59.2 30.9 92.8



#2
 Dichlorodifluoromethane
 Concen: 0.091 ppbv
 RT: 2.784 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

Tgt Ion: 85 Resp: 22619
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.7 40.1

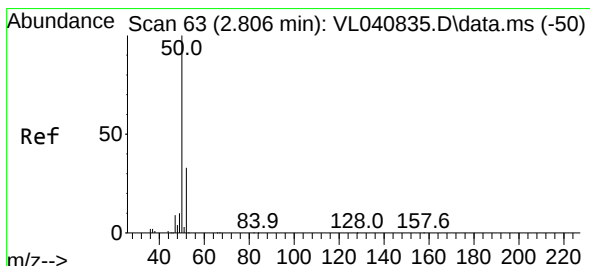
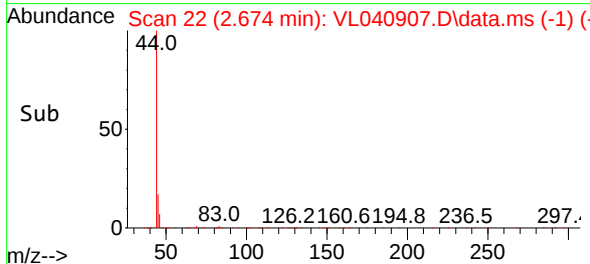
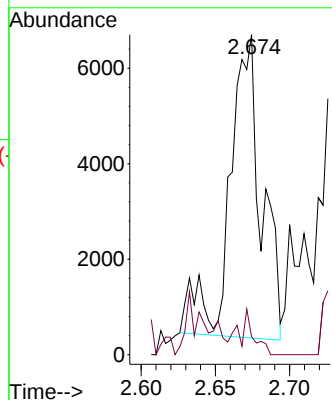
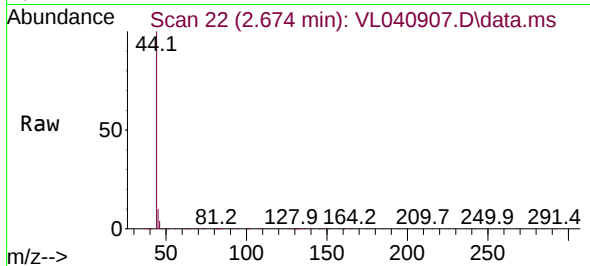




#3
Chlorodifluoromethane
Concen: 0.048 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.054 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

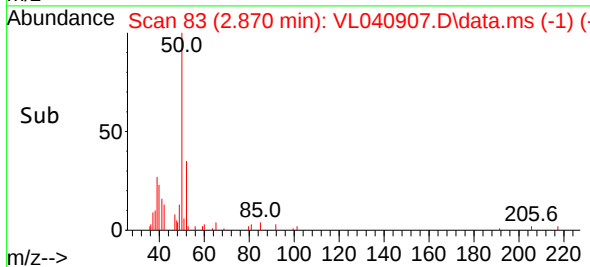
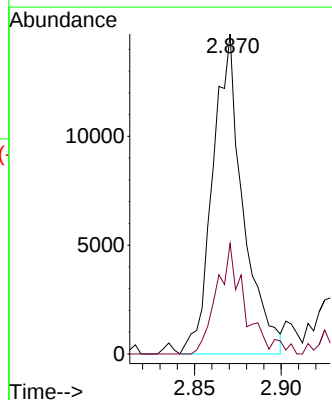
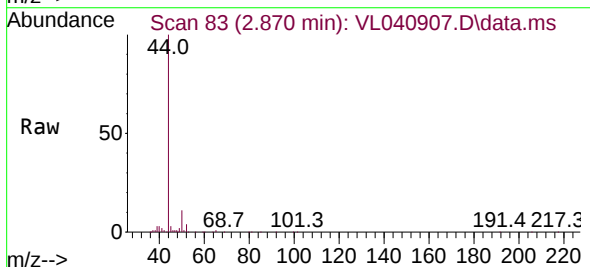
Instrument :
MSVOA_L
ClientSampleId :

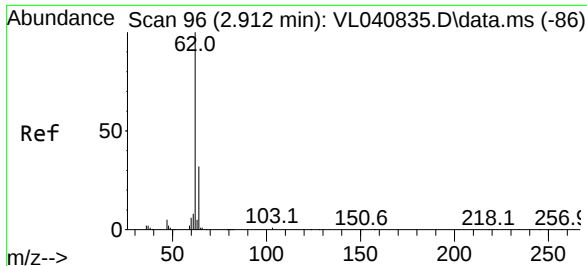
Tgt Ion: 51 Resp: 9461
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.4



#4
Chloromethane
Concen: 0.254 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 50 Resp: 17860
Ion Ratio Lower Upper
50 100
52 36.5 26.5 39.7

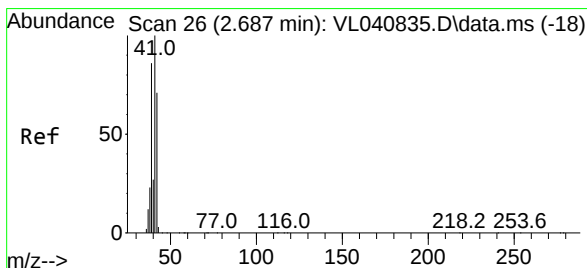
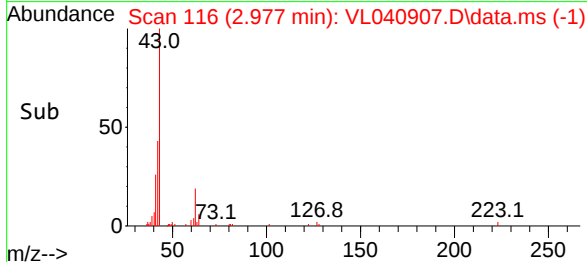
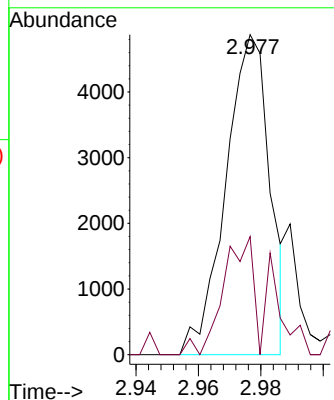
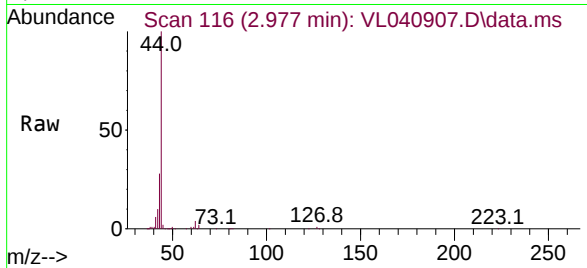




#5
 Vinyl Chloride
 Concen: 0.068 ppbv
 RT: 2.977 min Scan# 116
 Delta R.T. 0.003 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

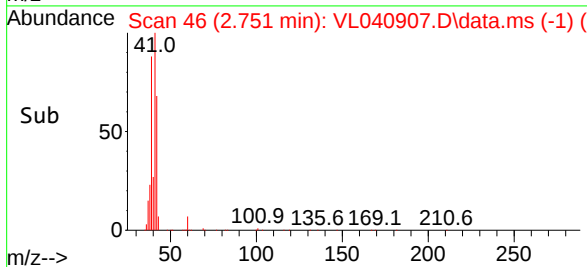
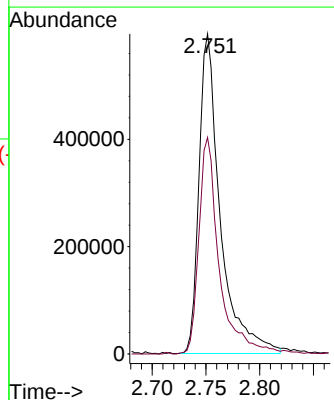
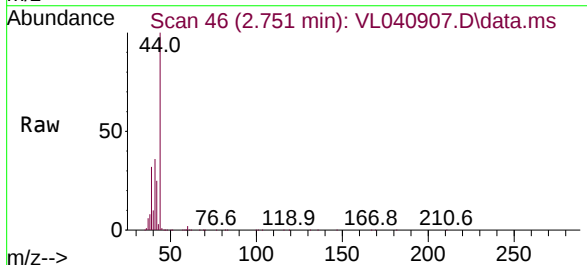
Instrument :
 MSVOA_L
 ClientSampleId :

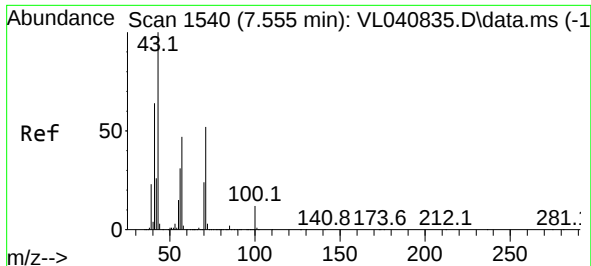
Tgt Ion: 62 Resp: 4786
 Ion Ratio Lower Upper
 62 100
 64 36.9 25.4 38.2



#9
 Propene
 Concen: 12.399 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.003 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

Tgt Ion: 41 Resp: 817324
 Ion Ratio Lower Upper
 41 100
 42 65.5 56.5 84.7

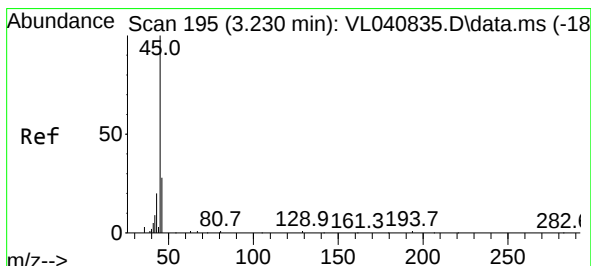
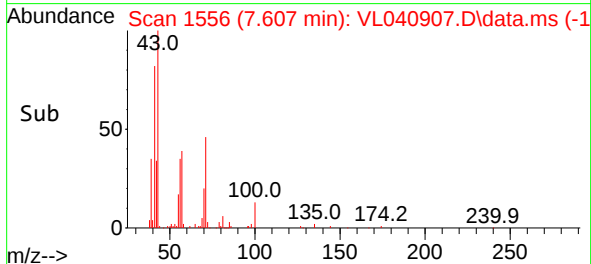
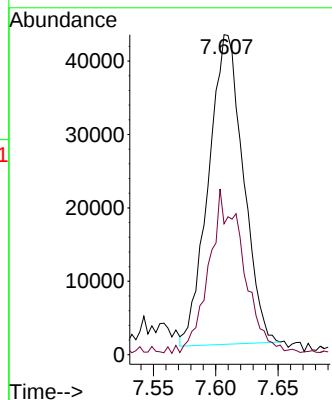
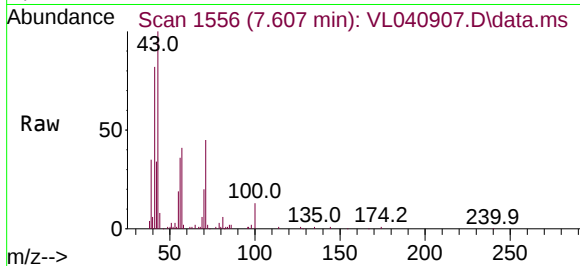




#10
 Heptane
 Concen: 0.505 ppbv
 RT: 7.607 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

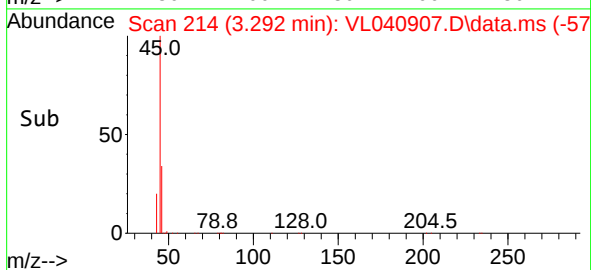
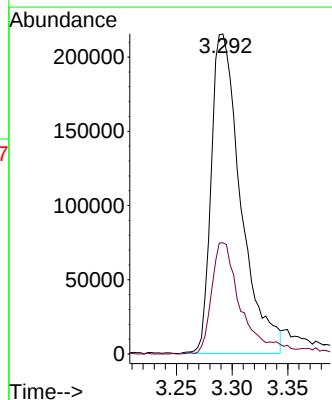
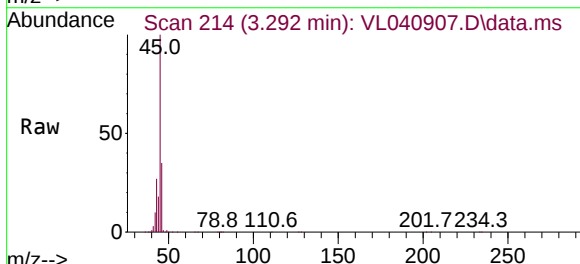
Instrument :
 MSVOA_L
 ClientSampleId :

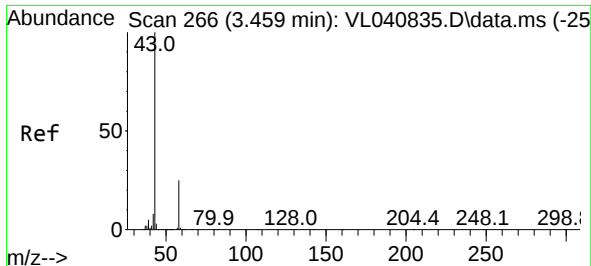
Tgt Ion: 43 Resp: 81945
 Ion Ratio Lower Upper
 43 100
 57 55.1 39.4 59.0



#13
 Ethanol
 Concen: 31.070 ppbv
 RT: 3.292 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

Tgt Ion: 45 Resp: 397682
 Ion Ratio Lower Upper
 45 100
 46 36.4 0.0 0.0#

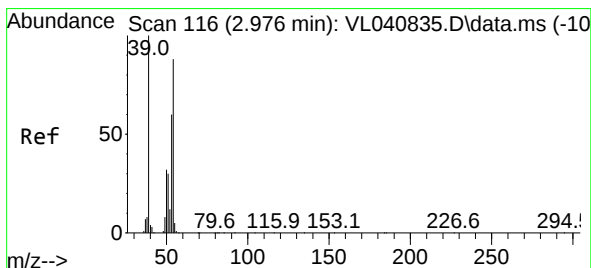
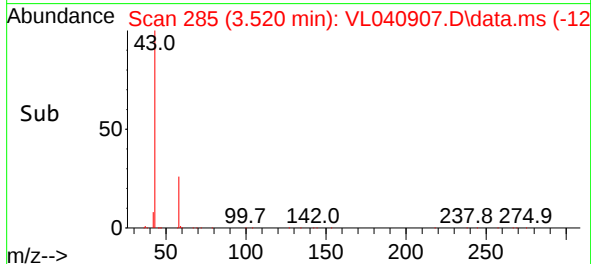
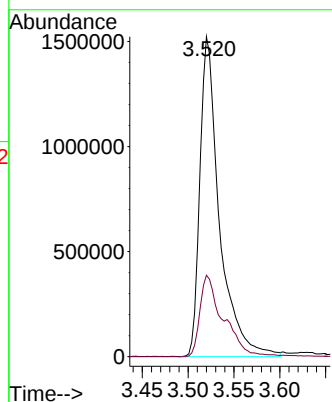
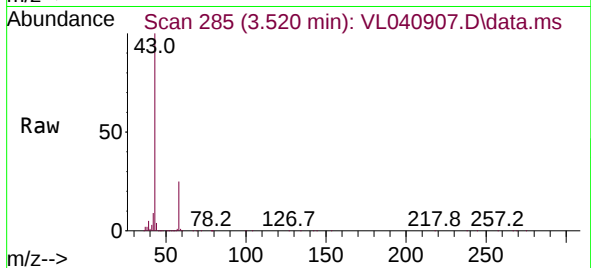




#15
Acetone
Concen: 17.280 ppbv
RT: 3.520 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

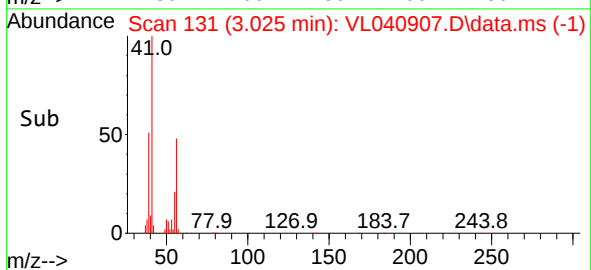
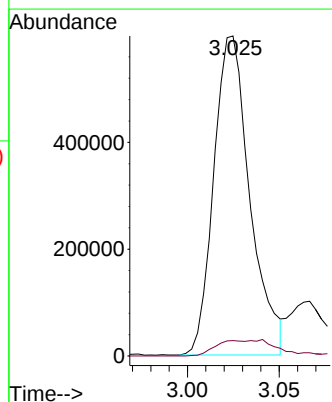
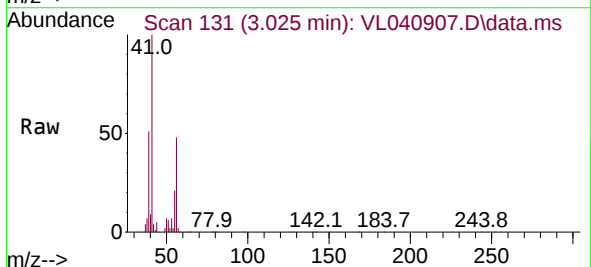
Instrument :
MSVOA_L
ClientSampleId :

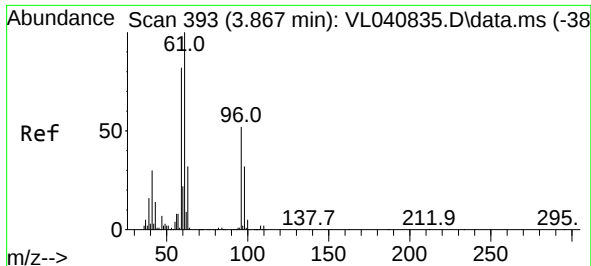
Tgt Ion: 43 Resp: 2254636
Ion Ratio Lower Upper
43 100
58 30.9 20.9 31.3



#16
1,3-Butadiene
Concen: 12.401 ppbv
RT: 3.025 min Scan# 131
Delta R.T. -0.009 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 39 Resp: 818574
Ion Ratio Lower Upper
39 100
54 8.7 61.8 92.6#





#17

tert-Butyl alcohol

Concen: 1.306 ppbv

RT: 3.935 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

Instrument :

MSVOA_L

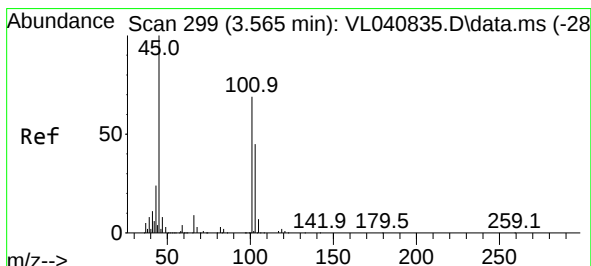
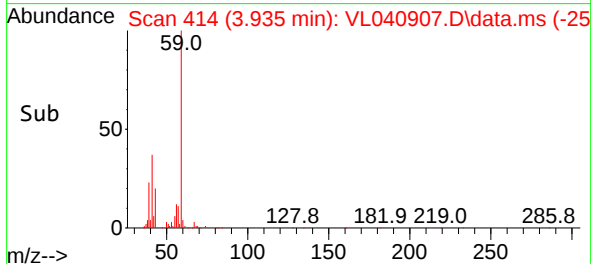
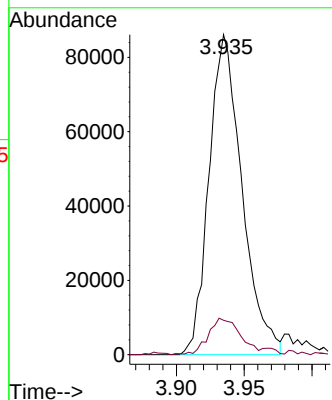
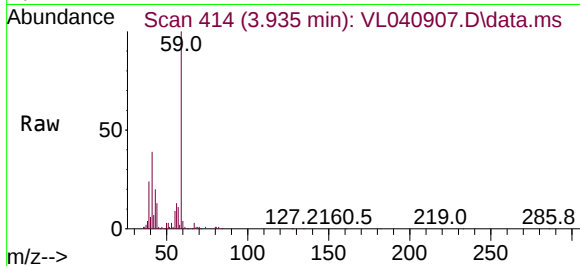
ClientSampleId :

Tgt Ion: 59 Resp: 145765

Ion Ratio Lower Upper

59 100

57 12.8 9.0 13.4



#19

Isopropyl Alcohol

Concen: 0.819 ppbv

RT: 3.632 min Scan# 320

Delta R.T. 0.013 min

Lab File: VL040907.D

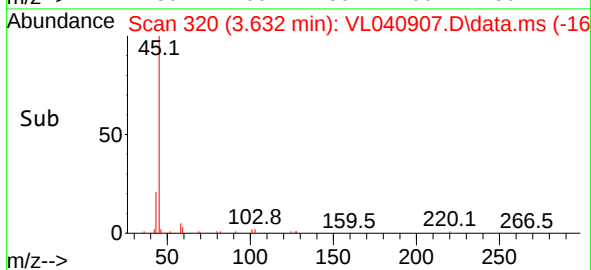
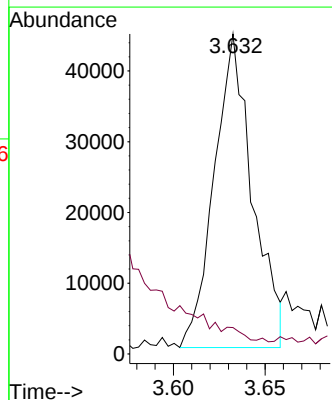
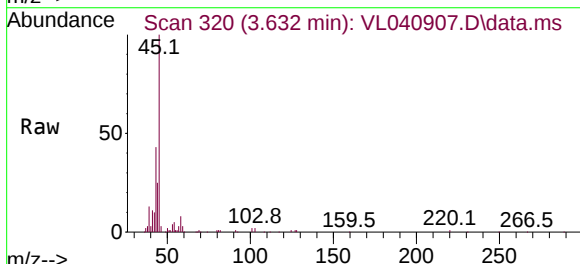
Acq: 27 Nov 2023 14:33

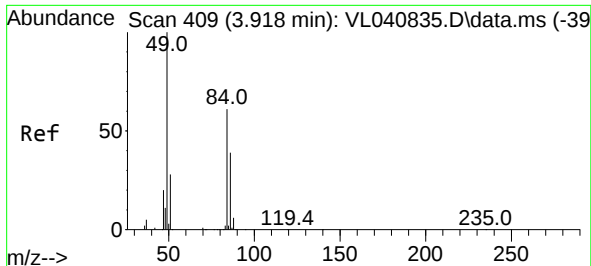
Tgt Ion: 45 Resp: 64276

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#

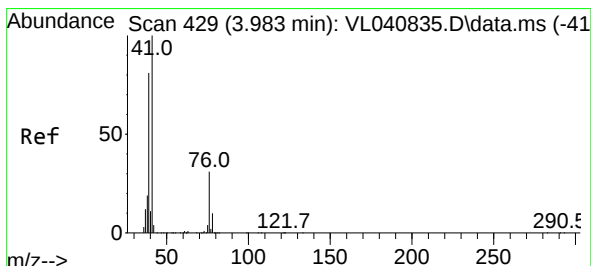
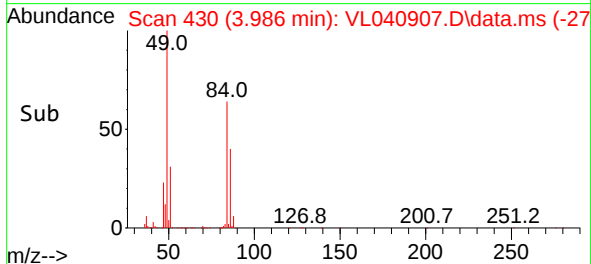
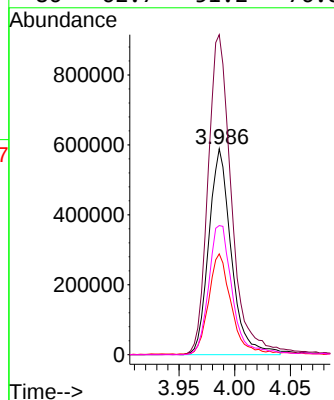
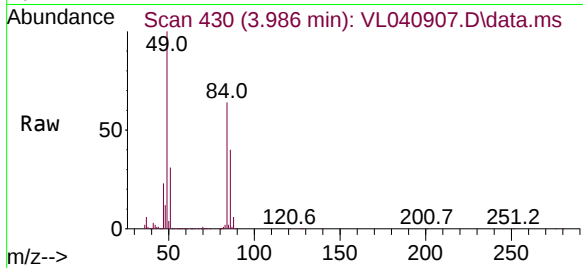




#20
Methylene Chloride
Concen: 15.420 ppbv
RT: 3.986 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

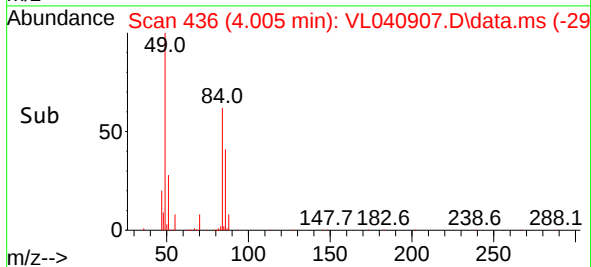
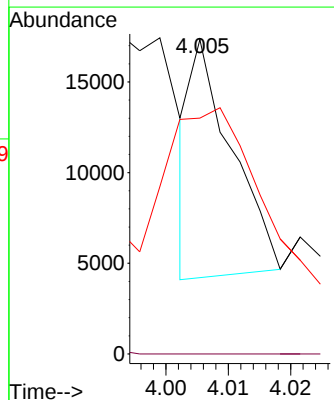
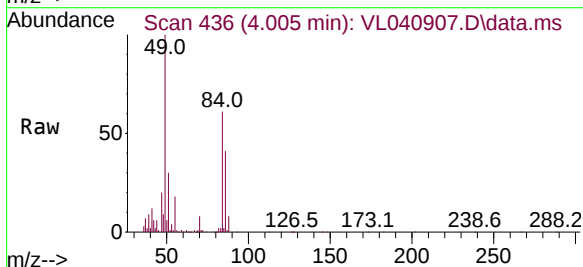
Instrument :
MSVOA_L
ClientSampleId :

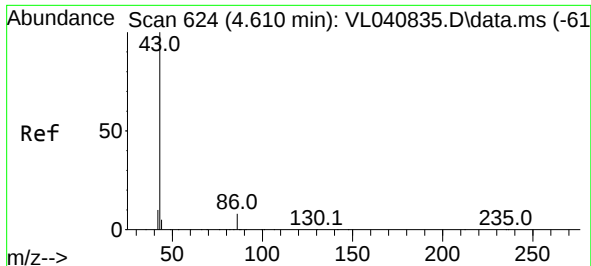
Tgt Ion: 84 Resp: 830271
Ion Ratio Lower Upper
84 100
49 155.2 131.0 196.4
51 48.6 36.9 55.3
86 62.7 51.2 76.8



#21
Allyl Chloride
Concen: 0.071 ppbv
RT: 4.005 min Scan# 436
Delta R.T. -0.032 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

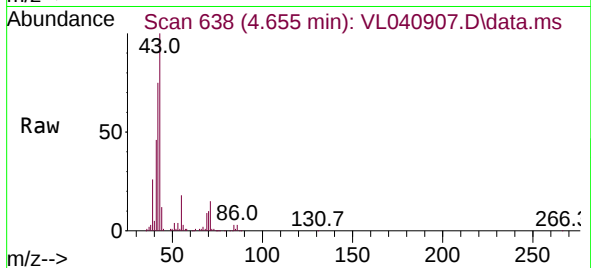
Tgt Ion: 41 Resp: 5945
Ion Ratio Lower Upper
41 100
76 0.0 24.4 36.6#
39 461.7 68.1 102.1#



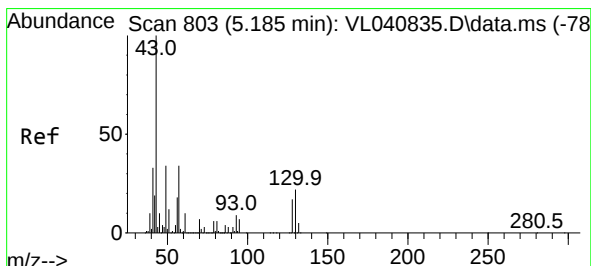
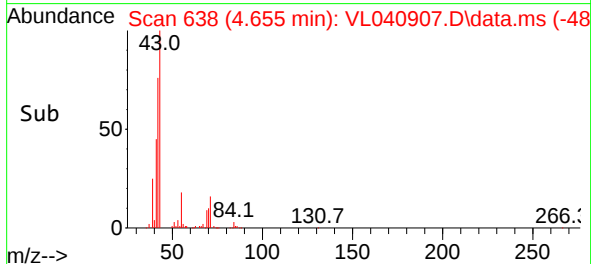
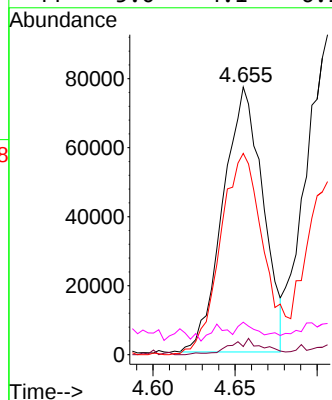


#23
 Vinyl Acetate
 Concen: 0.769 ppbv
 RT: 4.655 min Scan# 61
 Delta R.T. -0.009 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

Instrument :
 MSVOA_L
 ClientSampleId :

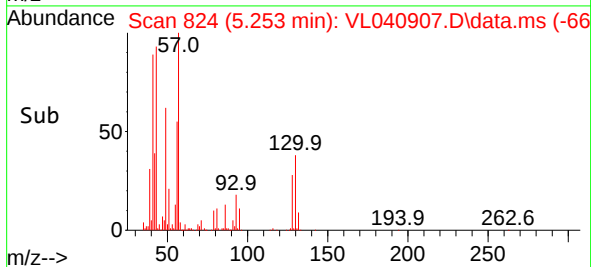
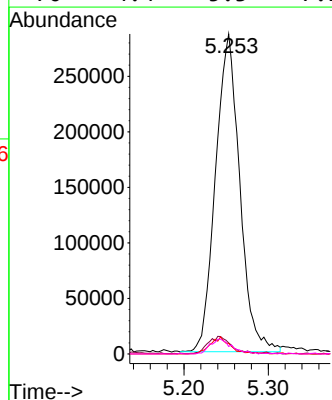
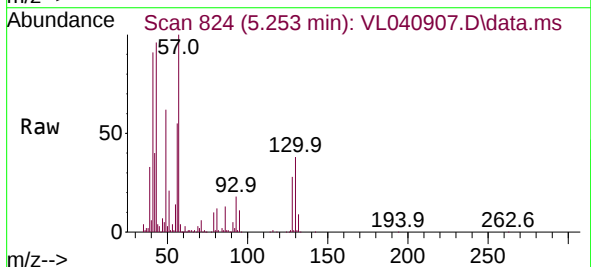


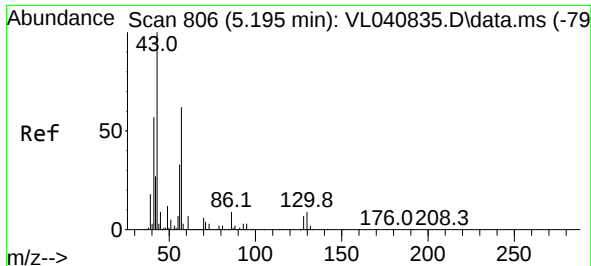
Tgt	Ion: 43	Resp:	129583
Ion	Ratio	Lower	Upper
43	100		
86	3.1	5.5	8.3#
42	75.5	8.2	12.2#
44	5.0	4.1	6.1



#25
 Ethyl Acetate
 Concen: 2.113 ppbv
 RT: 5.253 min Scan# 824
 Delta R.T. 0.016 min
 Lab File: VL040907.D
 Acq: 27 Nov 2023 14:33

Tgt	Ion: 43	Resp:	570825
Ion	Ratio	Lower	Upper
43	100		
45	5.6	8.1	12.1#
61	4.6	7.8	11.6#
70	4.4	5.3	7.9#

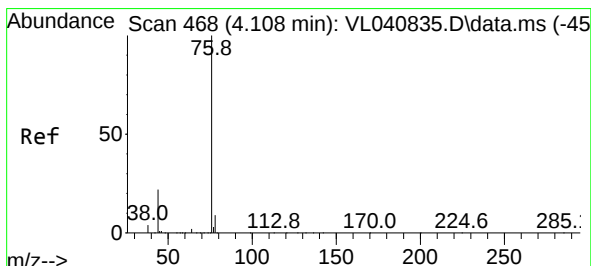
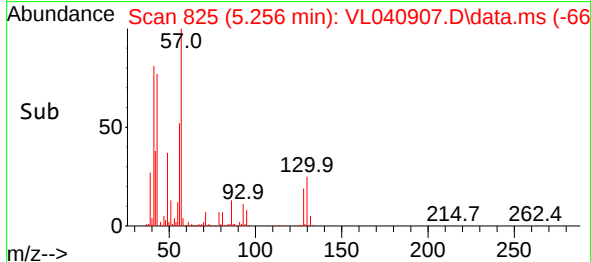
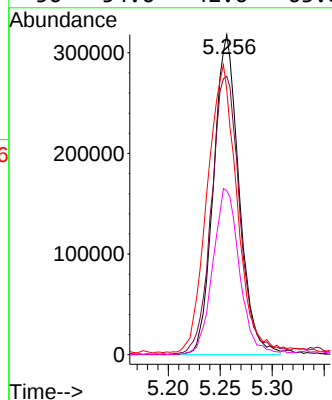
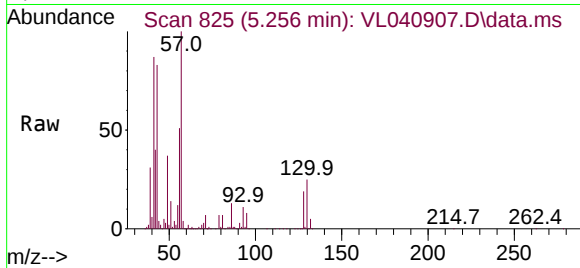




#26
Hexane
Concen: 4.531 ppbv
RT: 5.256 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

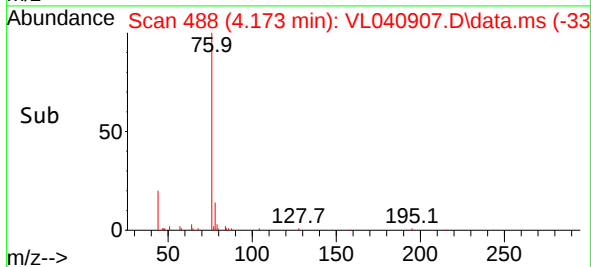
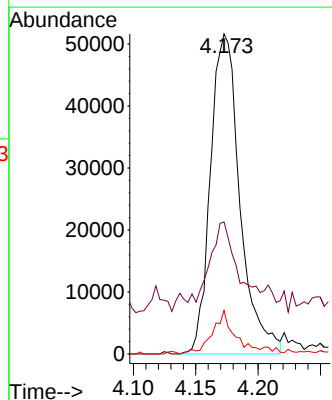
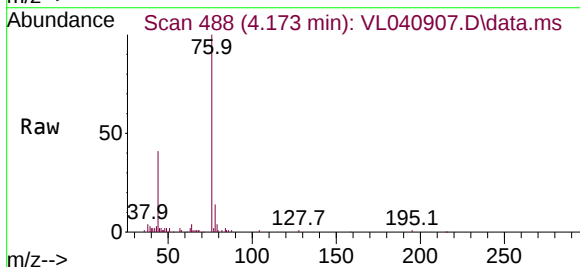
Instrument :
MSVOA_L
ClientSampleId :

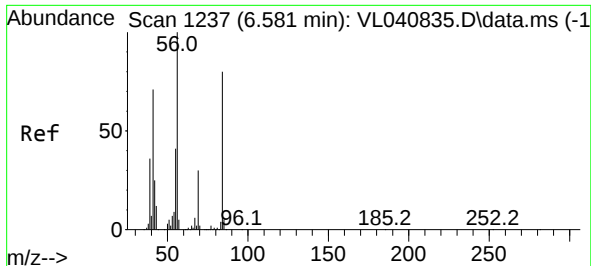
Tgt Ion: 57 Resp: 541716
Ion Ratio Lower Upper
57 100
41 100.3 75.4 113.0
43 108.3 185.9 278.9#
56 54.6 42.6 63.8



#27
Carbon Disulfide
Concen: 0.562 ppbv
RT: 4.173 min Scan# 488
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 76 Resp: 85167
Ion Ratio Lower Upper
76 100
44 41.8 16.7 25.1#
78 11.4 7.6 11.4

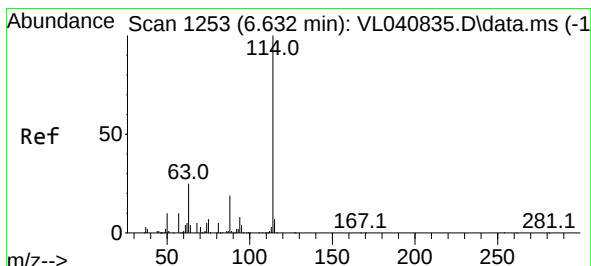
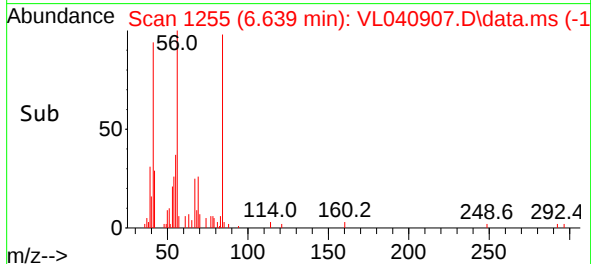
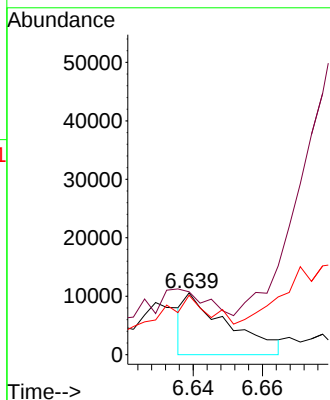
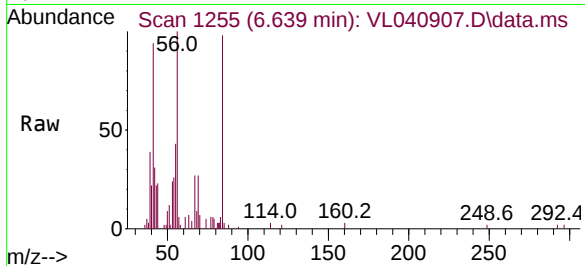




#30
Cyclohexane
Concen: 0.090 ppbv
RT: 6.639 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

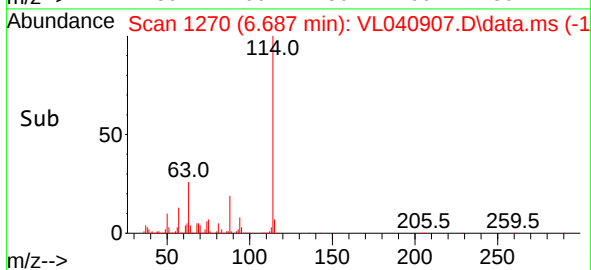
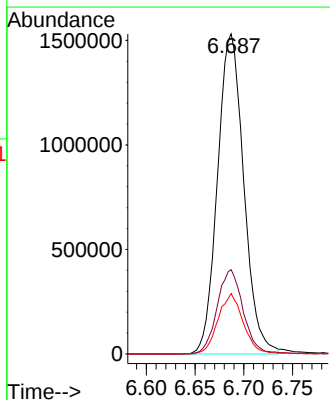
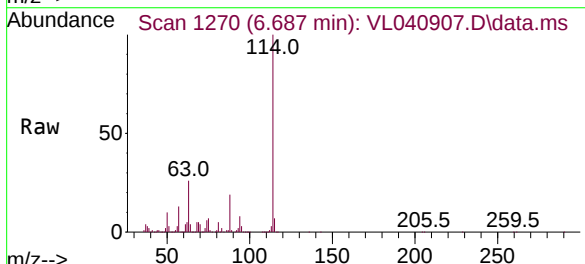
Instrument :
MSVOA_L
ClientSampleId :

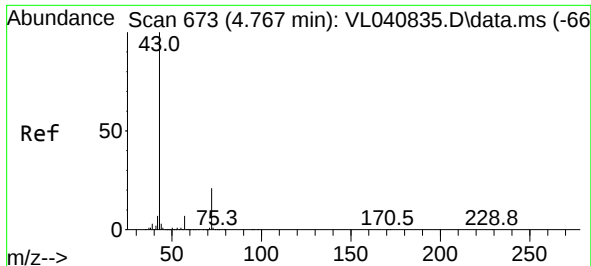
Tgt Ion: 84 Resp: 9253
Ion Ratio Lower Upper
84 100
56 201.4 109.3 163.9#
41 0.0 71.4 107.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 114 Resp: 2871269
Ion Ratio Lower Upper
114 100
63 26.3 20.9 31.3
88 18.2 14.3 21.5

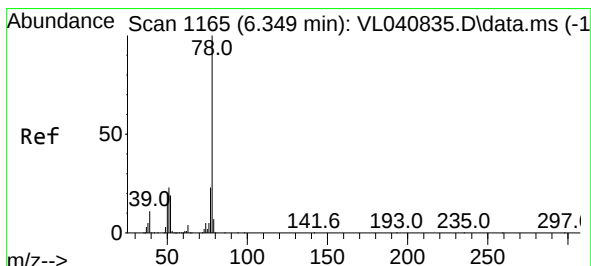
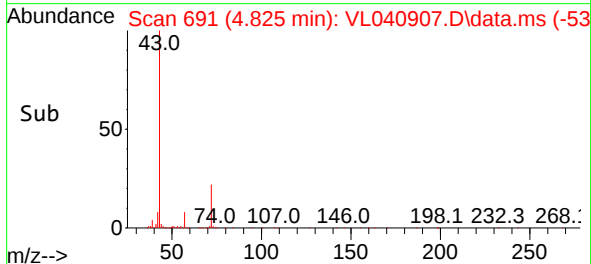
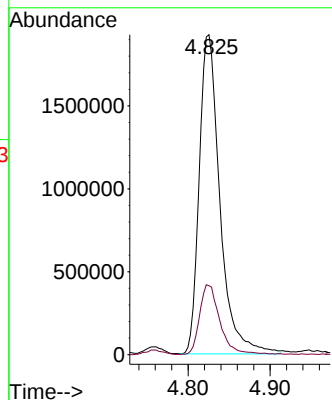
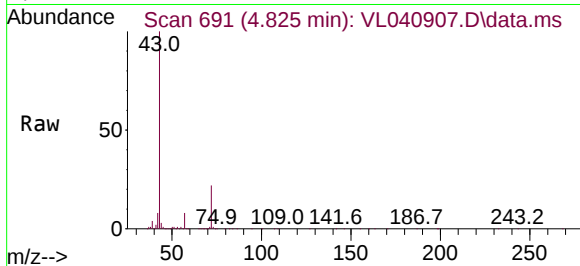




#34
2-Butanone
Concen: 23.049 ppbv
RT: 4.825 min Scan# 691
Delta R.T. 0.003 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

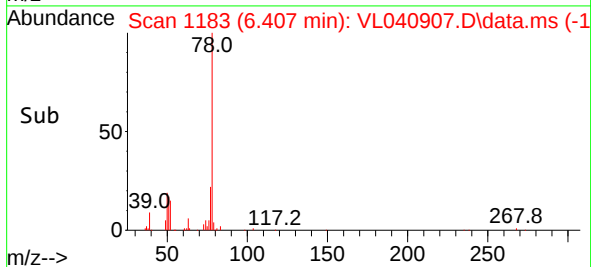
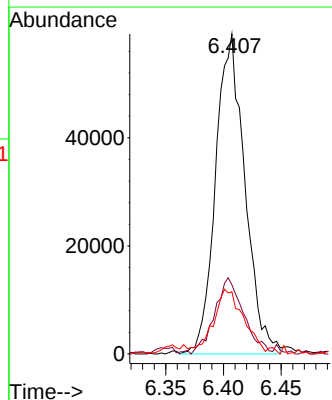
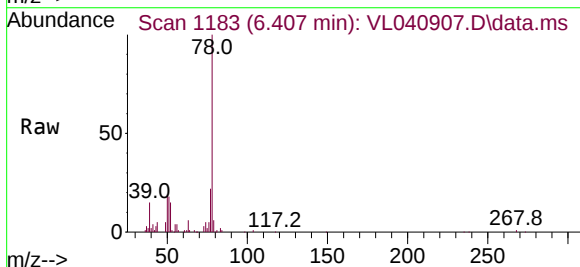
Instrument :
MSVOA_L
ClientSampleId :

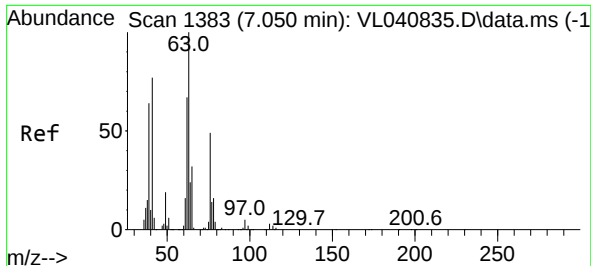
Tgt Ion: 43 Resp: 3371471
Ion Ratio Lower Upper
43 100
72 21.9 17.2 25.8



#36
Benzene
Concen: 0.448 ppbv
RT: 6.407 min Scan# 1183
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 78 Resp: 104305
Ion Ratio Lower Upper
78 100
77 21.0 18.4 27.6
50 19.4 16.2 24.2





#39

1,2-Dichloropropane

Concen: 8.096 ppbv

RT: 6.687 min Scan# 1

Delta R.T. -0.411 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

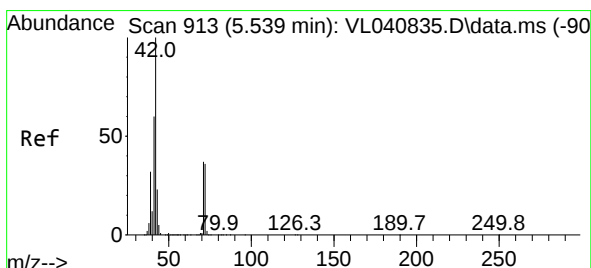
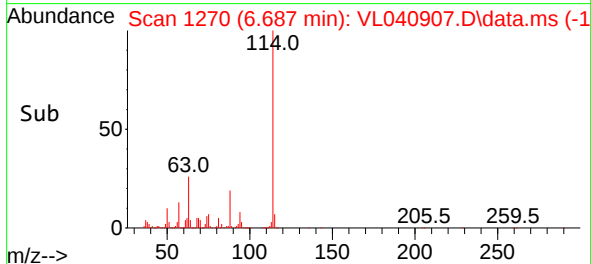
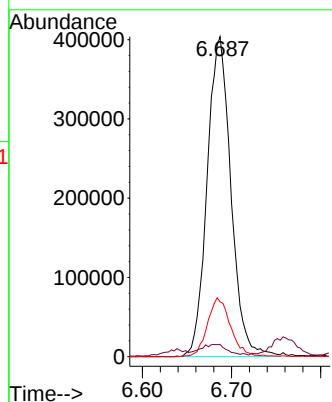
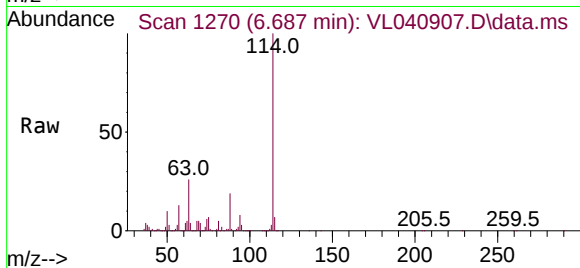
Tgt Ion: 63 Resp: 748079

Ion Ratio Lower Upper

63 100

41 1.9 61.5 92.3#

62 17.1 53.9 80.9#



#41

Tetrahydrofuran

Concen: 0.286 ppbv

RT: 5.607 min Scan# 934

Delta R.T. 0.016 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

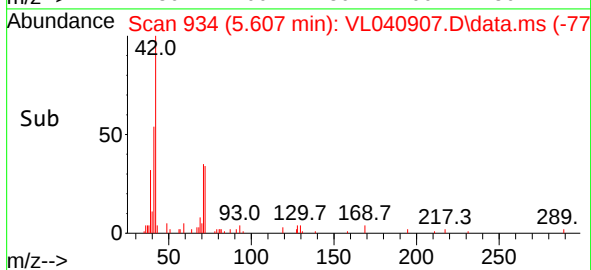
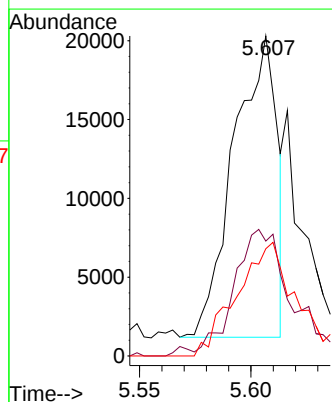
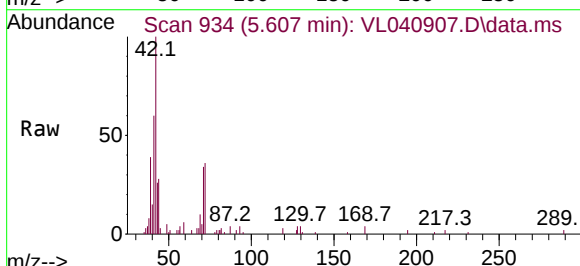
Tgt Ion: 42 Resp: 25718

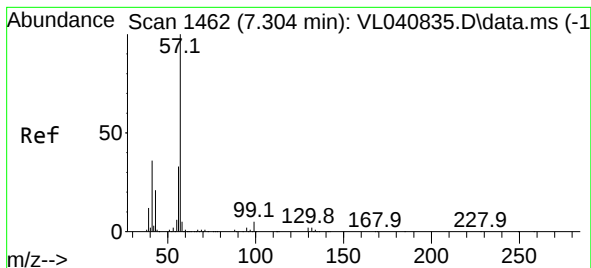
Ion Ratio Lower Upper

42 100

72 61.3 30.8 46.2#

71 56.1 30.0 45.0#





#44

2,2,4-Trimethylpentane

Concen: 2.867 ppbv

RT: 7.356 min Scan# 1462

Delta R.T. 0.003 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

Instrument :

MSVOA_L

ClientSampleId :

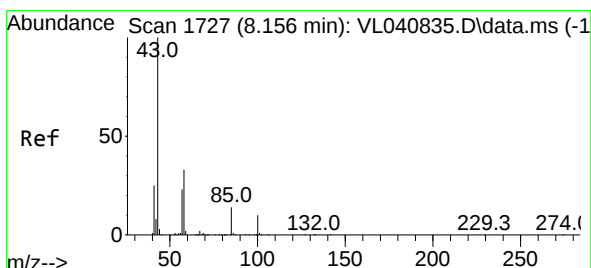
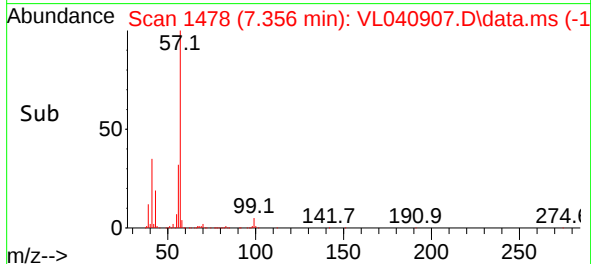
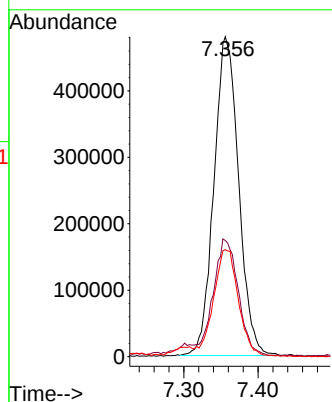
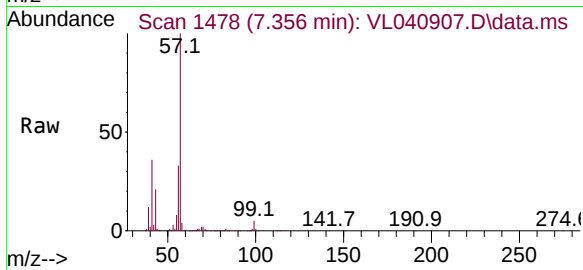
Tgt Ion: 57 Resp: 1109733

Ion Ratio Lower Upper

57 100

41 40.9 29.0 43.6

56 36.8 25.2 37.8



#50

4-Methyl-2-Pentanone

Concen: 0.646 ppbv

RT: 8.211 min Scan# 1744

Delta R.T. 0.010 min

Lab File: VL040907.D

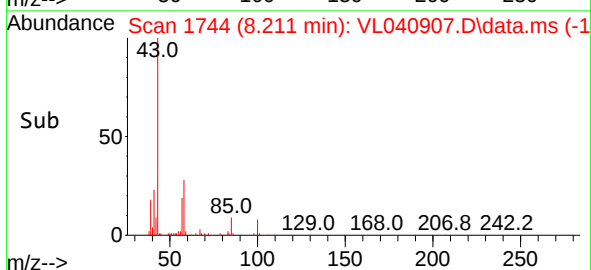
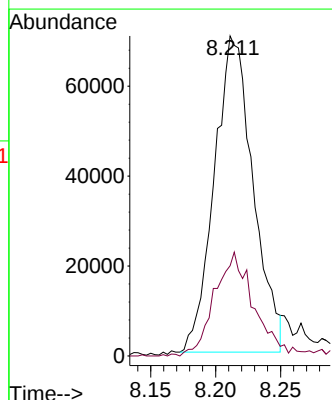
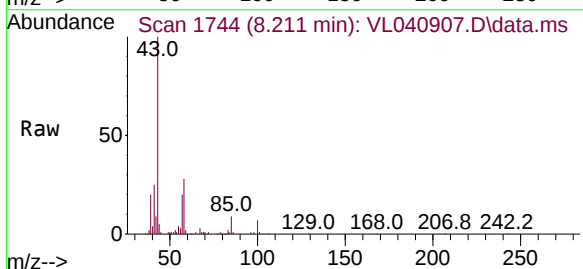
Acq: 27 Nov 2023 14:33

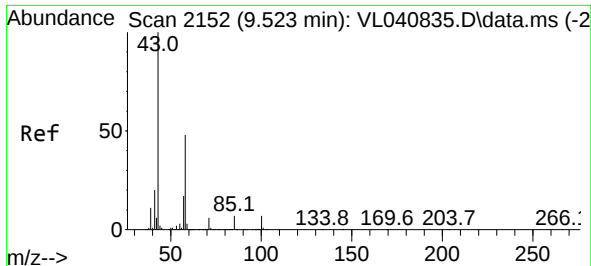
Tgt Ion: 43 Resp: 146298

Ion Ratio Lower Upper

43 100

58 34.2 27.8 41.6

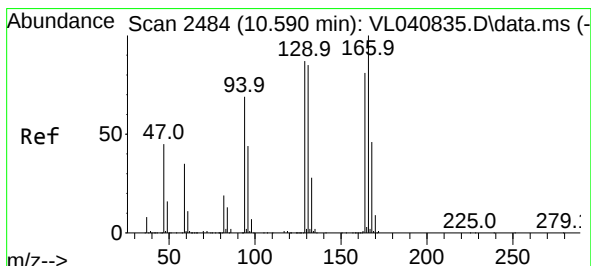
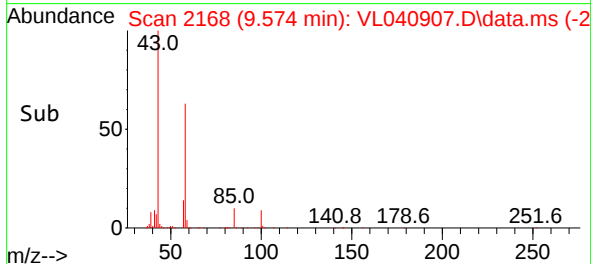
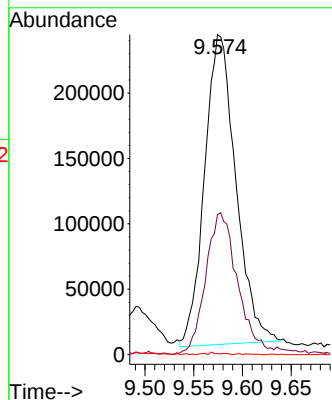
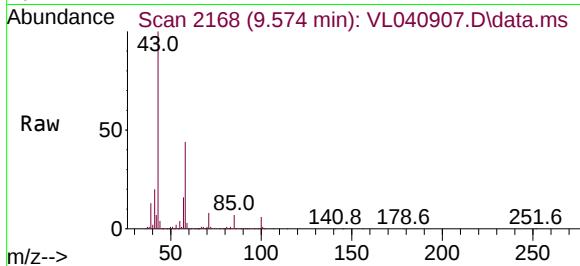




#51
2-Hexanone
Concen: 3.315 ppbv
RT: 9.574 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

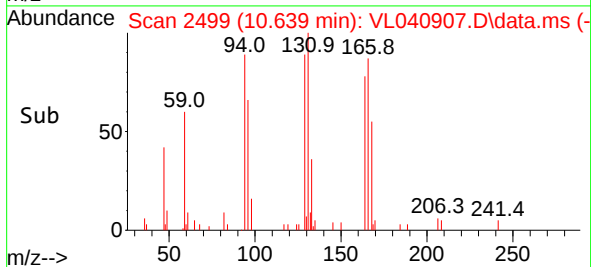
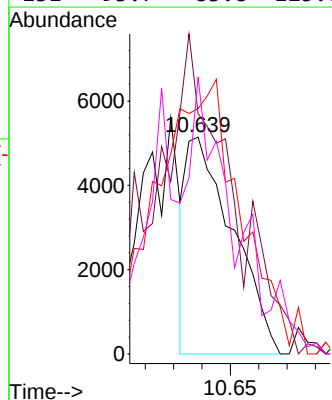
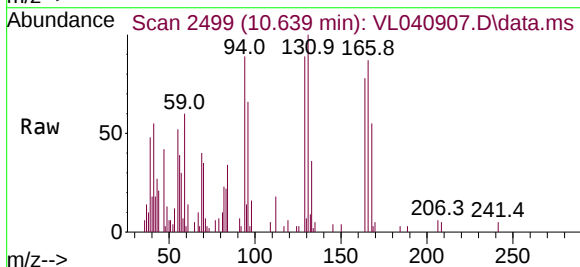
Instrument :
MSVOA_L
ClientSampleId :

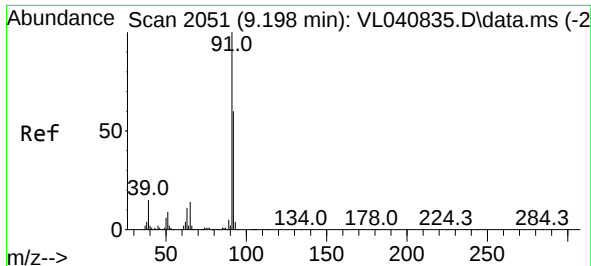
Tgt Ion: 43 Resp: 528953
Ion Ratio Lower Upper
43 100
58 48.5 37.4 56.2
98 0.4 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.075 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 164 Resp: 5881
Ion Ratio Lower Upper
164 100
166 88.2 98.3 147.5#
129 86.5 85.1 127.7
131 93.7 83.8 125.6

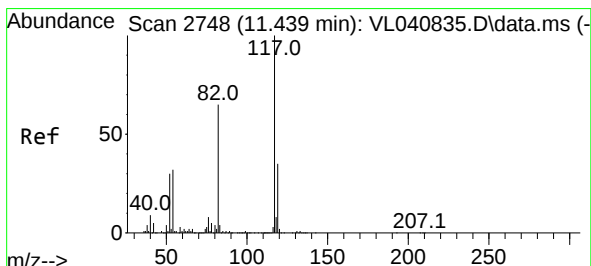
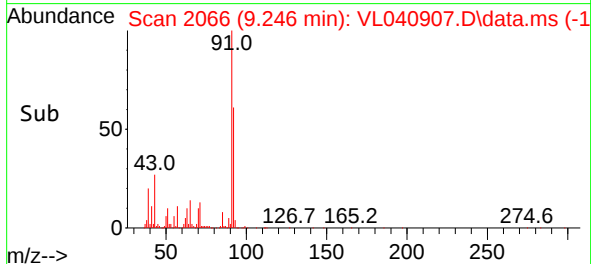
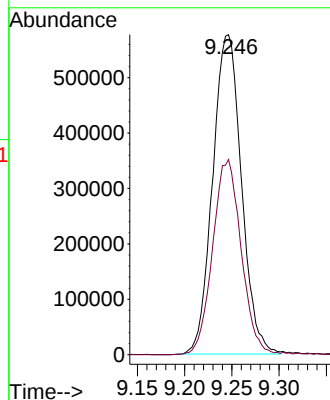
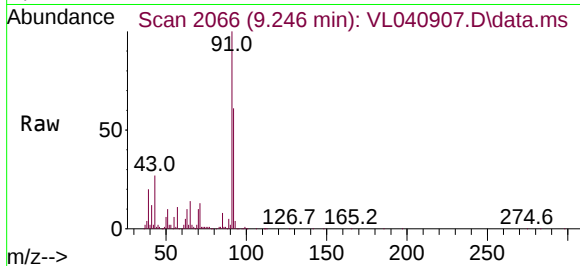




#53
Toluene
Concen: 4.762 ppbv
RT: 9.246 min Scan# 2051
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

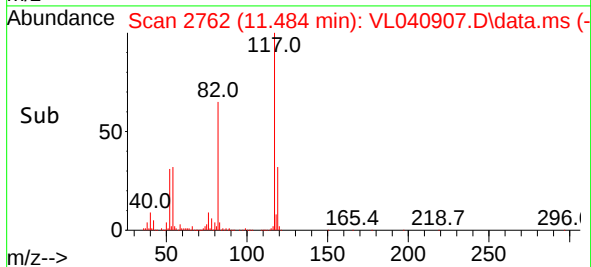
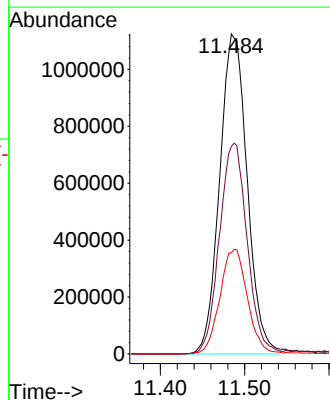
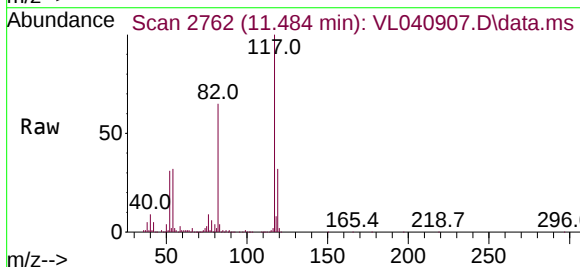
Instrument :
MSVOA_L
ClientSampleId :

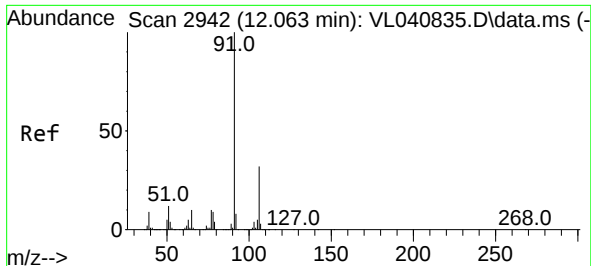
Tgt Ion: 91 Resp: 1221013
Ion Ratio Lower Upper
91 100
92 61.0 49.4 74.2



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 117 Resp: 2547000
Ion Ratio Lower Upper
117 100
82 67.0 50.6 75.8
119 33.1 23.3 34.9





#58

Ethyl Benzene

Concen: 1.216 ppbv

RT: 12.105 min Scan# 2942

Delta R.T. 0.000 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

Instrument :

MSVOA_L

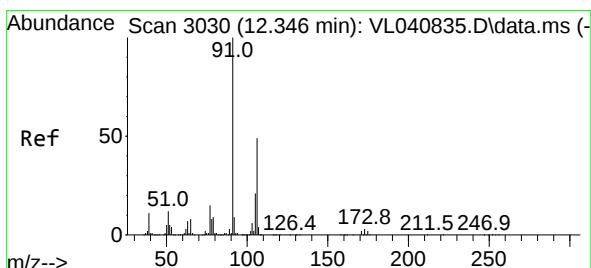
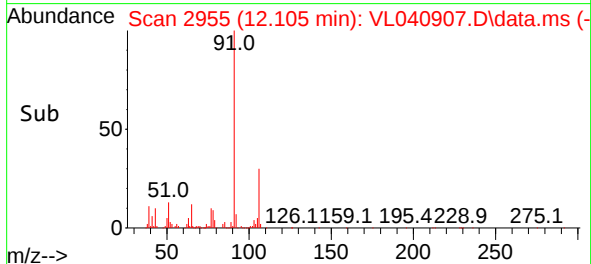
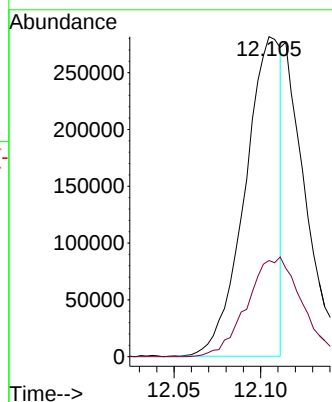
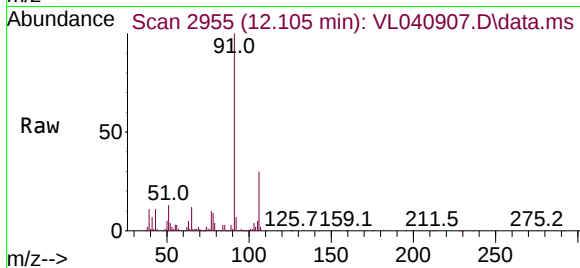
ClientSampleId :

Tgt Ion: 91 Resp: 404122

Ion Ratio Lower Upper

91 100

106 30.0 25.2 37.8



#59

m/p-Xylene

Concen: 6.908 ppbv

RT: 12.362 min Scan# 3035

Delta R.T. -0.022 min

Lab File: VL040907.D

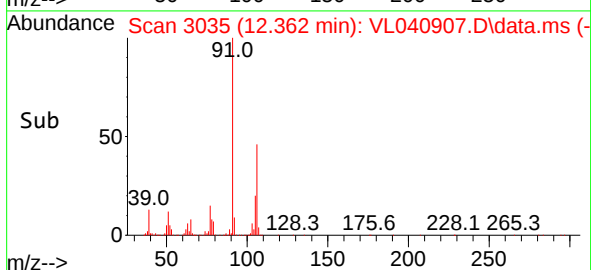
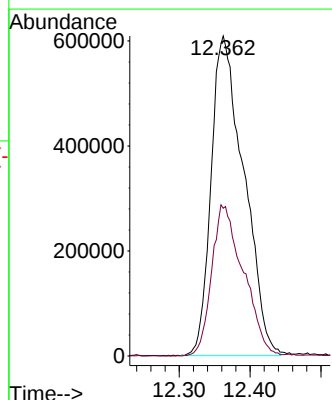
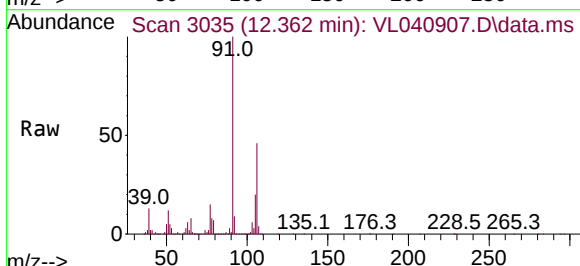
Acq: 27 Nov 2023 14:33

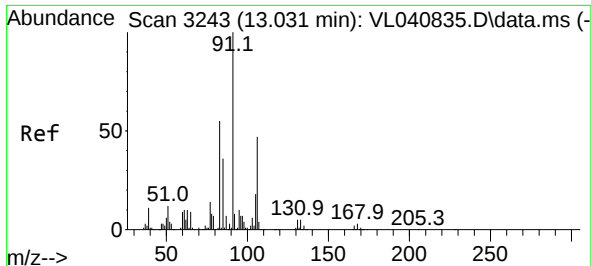
Tgt Ion: 91 Resp: 1954820

Ion Ratio Lower Upper

91 100

106 46.0 35.4 53.0

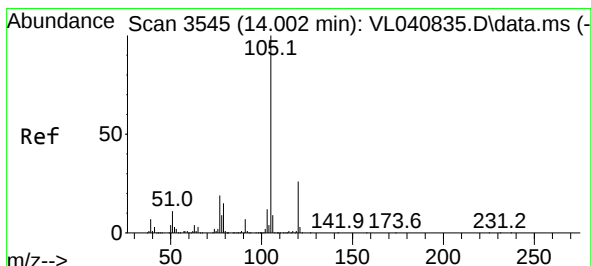
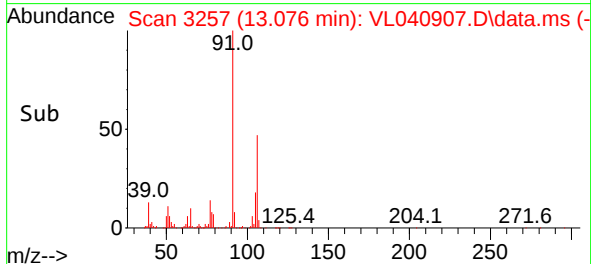
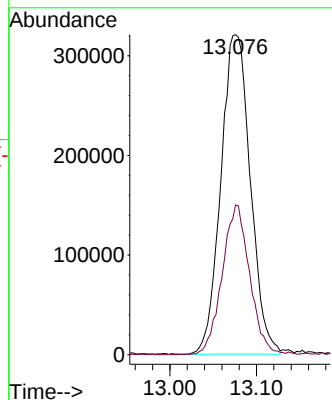
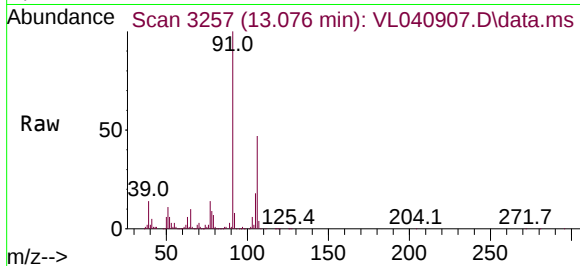




#60
o-Xylene
Concen: 2.820 ppbv
RT: 13.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

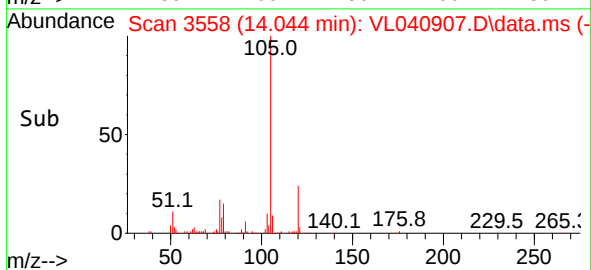
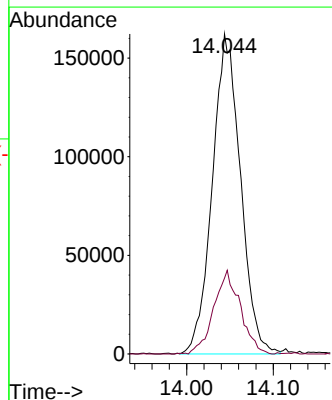
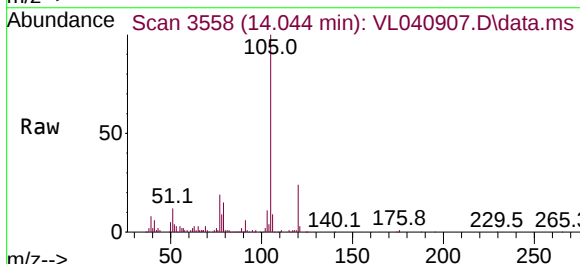
Instrument :
MSVOA_L
ClientSampleId :

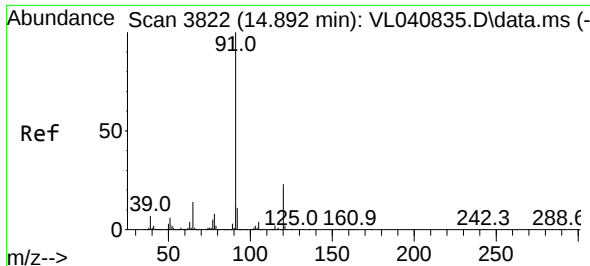
Tgt Ion: 91 Resp: 759705
Ion Ratio Lower Upper
91 100
106 43.9 22.9 68.5



#62
Isopropylbenzene
Concen: 0.921 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 105 Resp: 366561
Ion Ratio Lower Upper
105 100
120 24.8 20.7 31.1

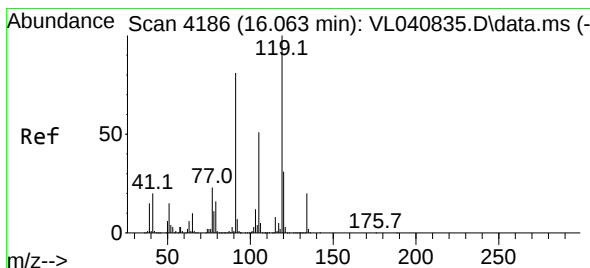
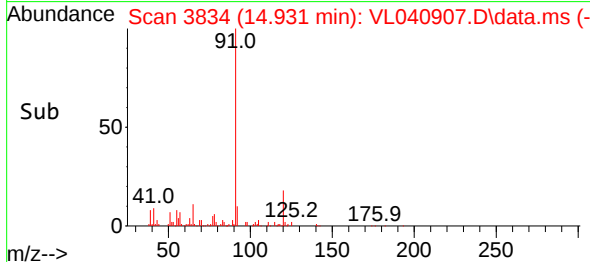
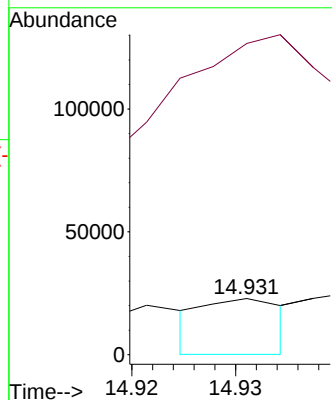
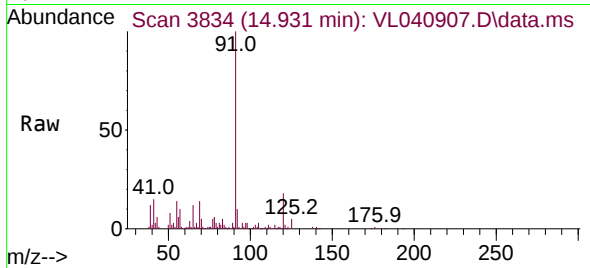




#64
n-propylbenzene
Concen: 0.122 ppbv
RT: 14.931 min Scan# 3822
Delta R.T. 0.000 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

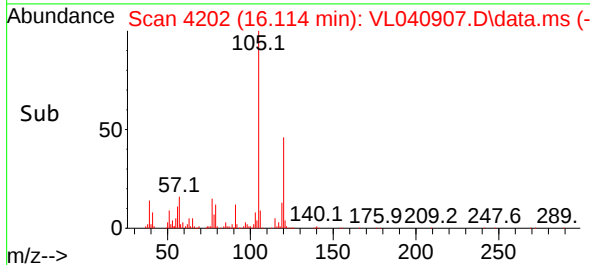
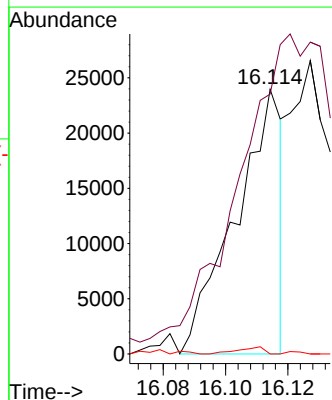
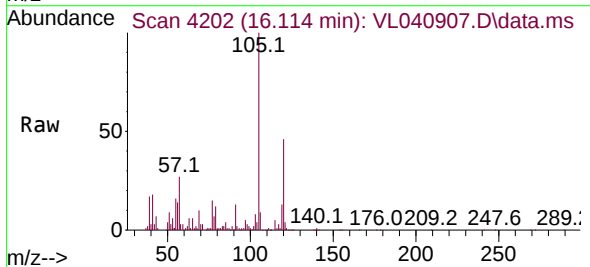
Instrument : MSVOA_1
ClientSampleId :

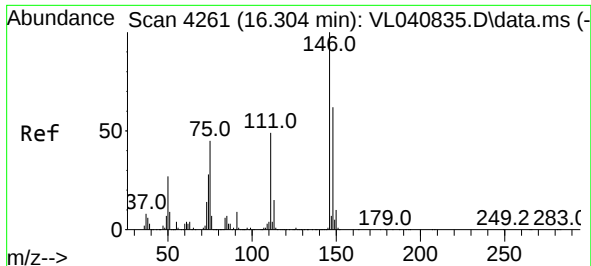
Tgt Ion:120 Resp: 12185
Ion Ratio Lower Upper
120 100
91 2466.2 381.1 571.7#



#65
tert-Butylbenzene
Concen: 0.074 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.013 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

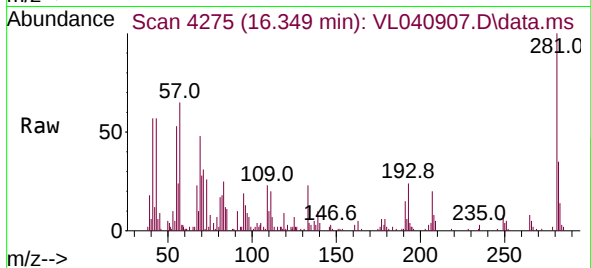
Tgt Ion:119 Resp: 24843
Ion Ratio Lower Upper
119 100
91 0.0 67.5 101.3#
134 1.9 15.9 23.9#



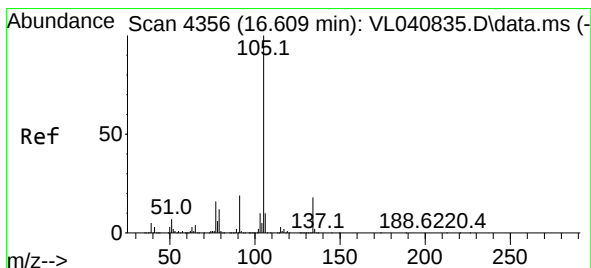
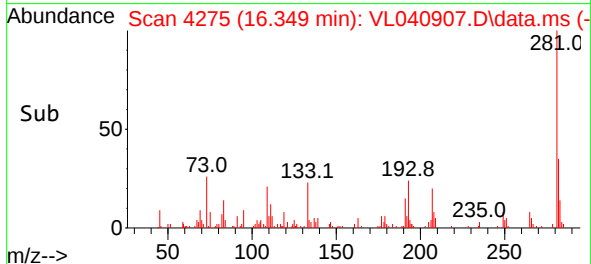


#66
Benzyl Chloride
Concen: 0.075 ppbv
RT: 16.349 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

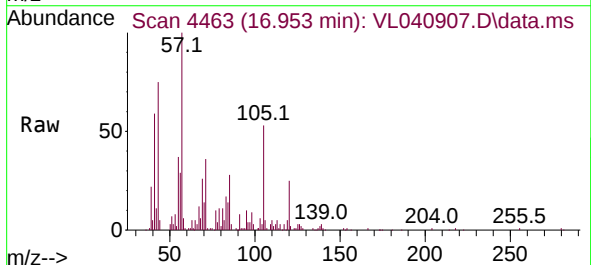
Instrument :
MSVOA_L
ClientSampleId :



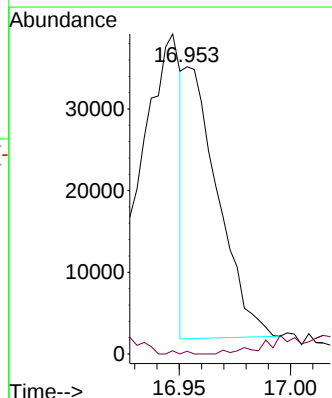
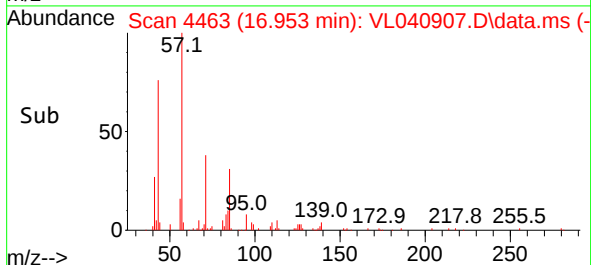
Tgt Ion: 91 Resp: 932
Ion Ratio Lower Upper
91 100
126 0.0 12.8 19.2#
128 0.0 0.0 0.0

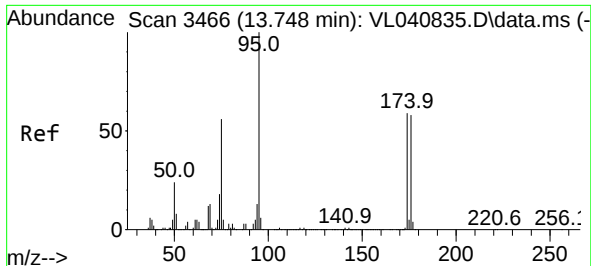


#67
sec-Butylbenzene
Concen: 0.073 ppbv
RT: 16.953 min Scan# 4463
Delta R.T. 0.306 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33



Tgt Ion: 105 Resp: 34905
Ion Ratio Lower Upper
105 100
134 16.0 14.3 21.5

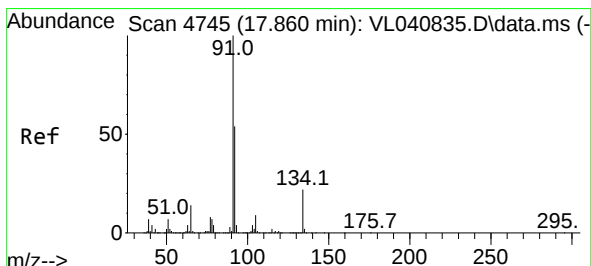
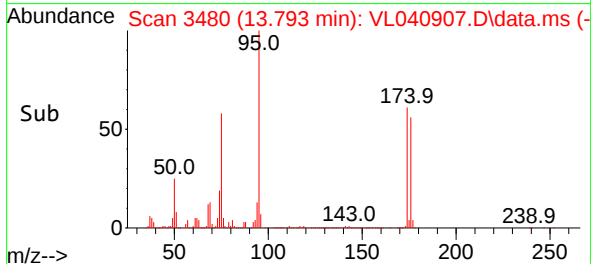
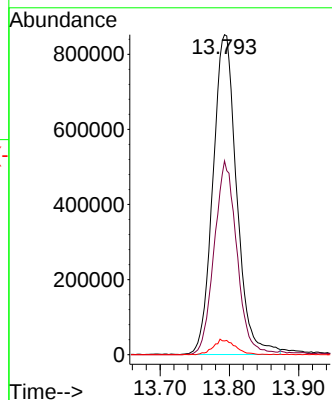
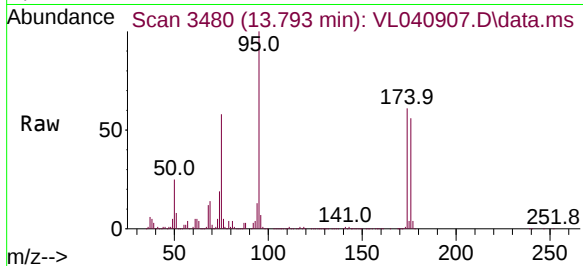




#68
1-Bromo-4-Fluorobenzene
Concen: 10.179 ppbv
RT: 13.793 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

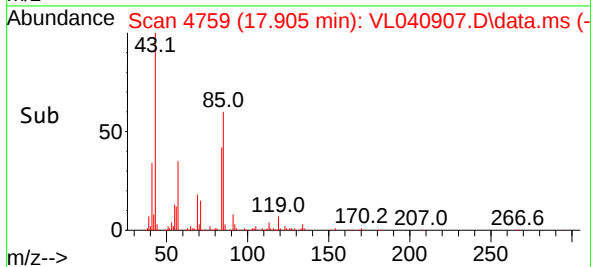
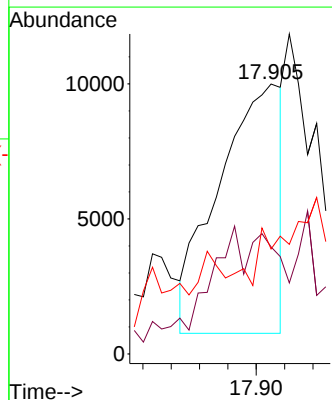
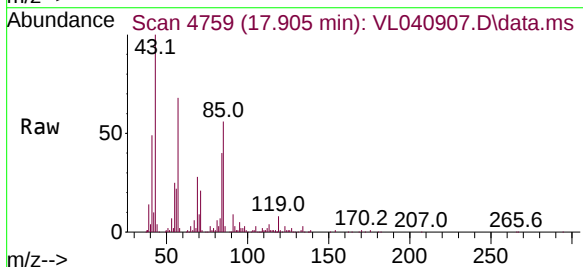
Instrument :
MSVOA_L
ClientSampleId :

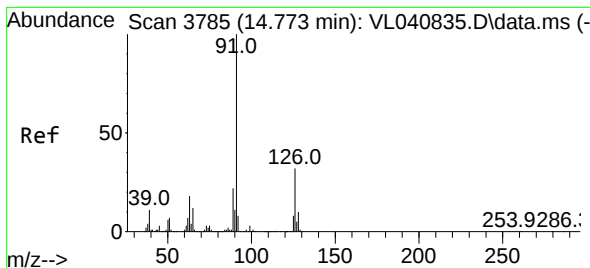
Tgt Ion: 95 Resp: 2029804
Ion Ratio Lower Upper
95 100
174 59.2 47.5 71.3
175 4.4 3.6 5.4



#70
n-Butylbenzene
Concen: 0.035 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.007 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 91 Resp: 14210
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.2#
134 0.0 17.4 26.0#

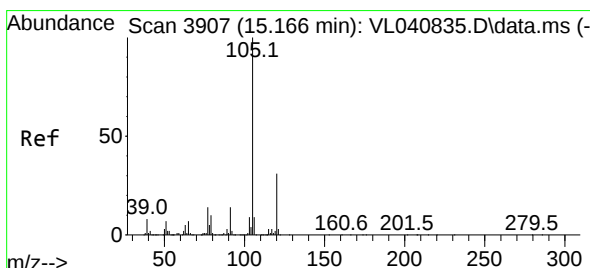
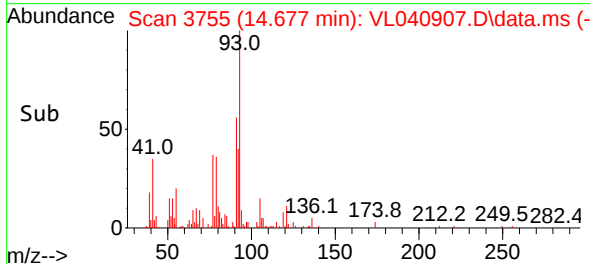
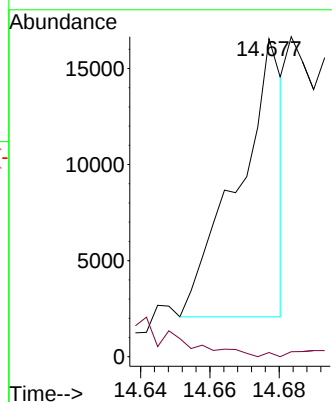
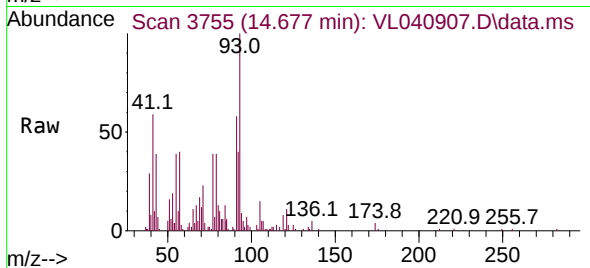




#71
2-Chlorotoluene
Concen: 0.042 ppbv
RT: 14.677 min Scan# 31
Delta R.T. -0.141 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

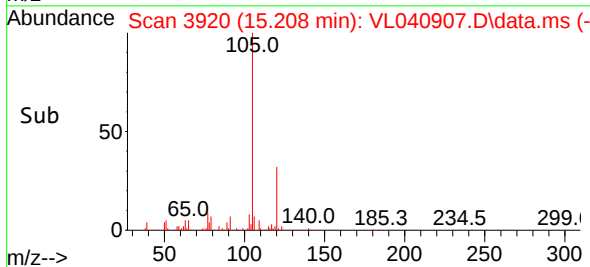
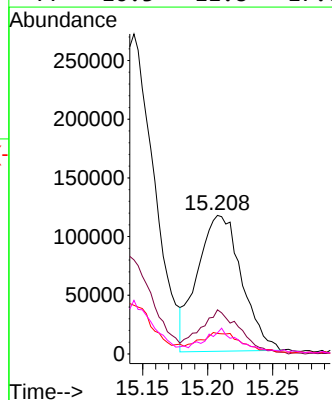
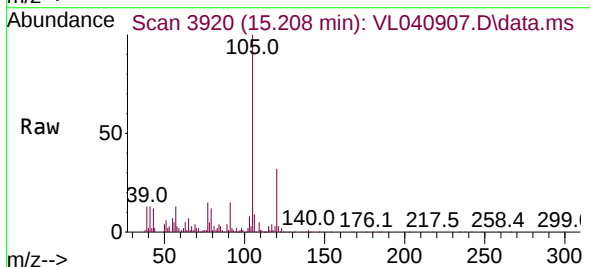
Instrument :
MSVOA_L
ClientSampleId :

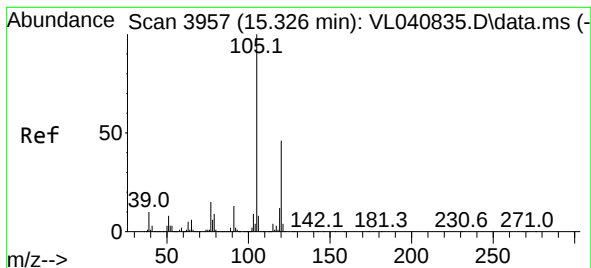
Tgt Ion: 91 Resp: 12831
Ion Ratio Lower Upper
91 100
126 40.1 12.1 48.5



#72
4-Ethyltoluene
Concen: 0.922 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040907.D
Acq: 27 Nov 2023 14:33

Tgt Ion: 105 Resp: 273170
Ion Ratio Lower Upper
105 100
120 30.3 24.5 36.7
91 16.2 10.6 16.0#
77 16.3 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 0.759 ppbv

RT: 15.372 min Scan# 3957

Delta R.T. 0.007 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

Instrument :

MSVOA_L

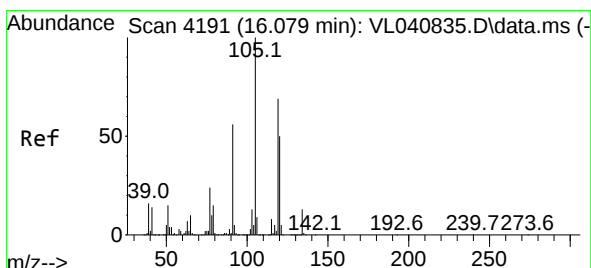
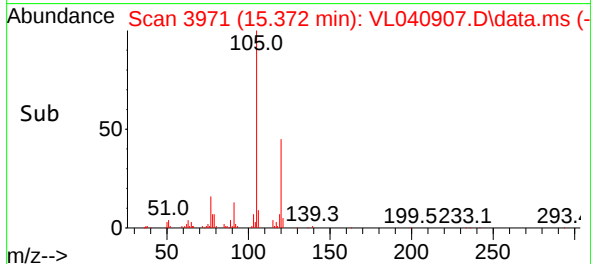
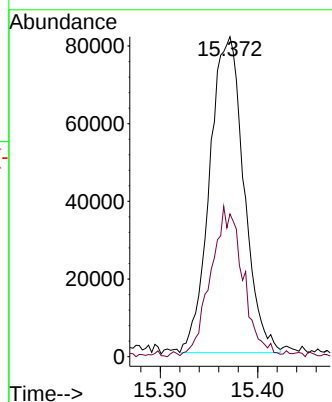
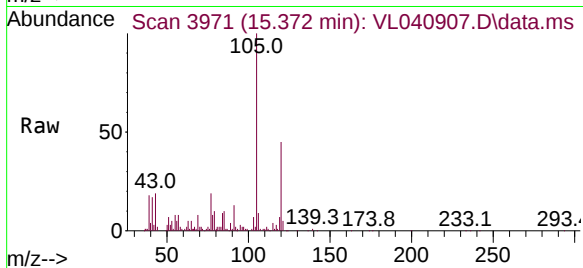
ClientSampleId :

Tgt Ion:105 Resp: 198713

Ion Ratio Lower Upper

105 100

120 44.8 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 1.833 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.003 min

Lab File: VL040907.D

Acq: 27 Nov 2023 14:33

Tgt Ion:105 Resp: 535796

Ion Ratio Lower Upper

105 100

120 41.0 40.2 60.2

91 10.9 45.7 68.5#

77 14.4 19.2 28.8#

