

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040906.D
 Acq On : 27 Nov 2023 13:45
 Operator : SY/MD
 Sample : 05520-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 28 04:37:34 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	1219188	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2773772	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2446840	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1956530	10.213	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.100%

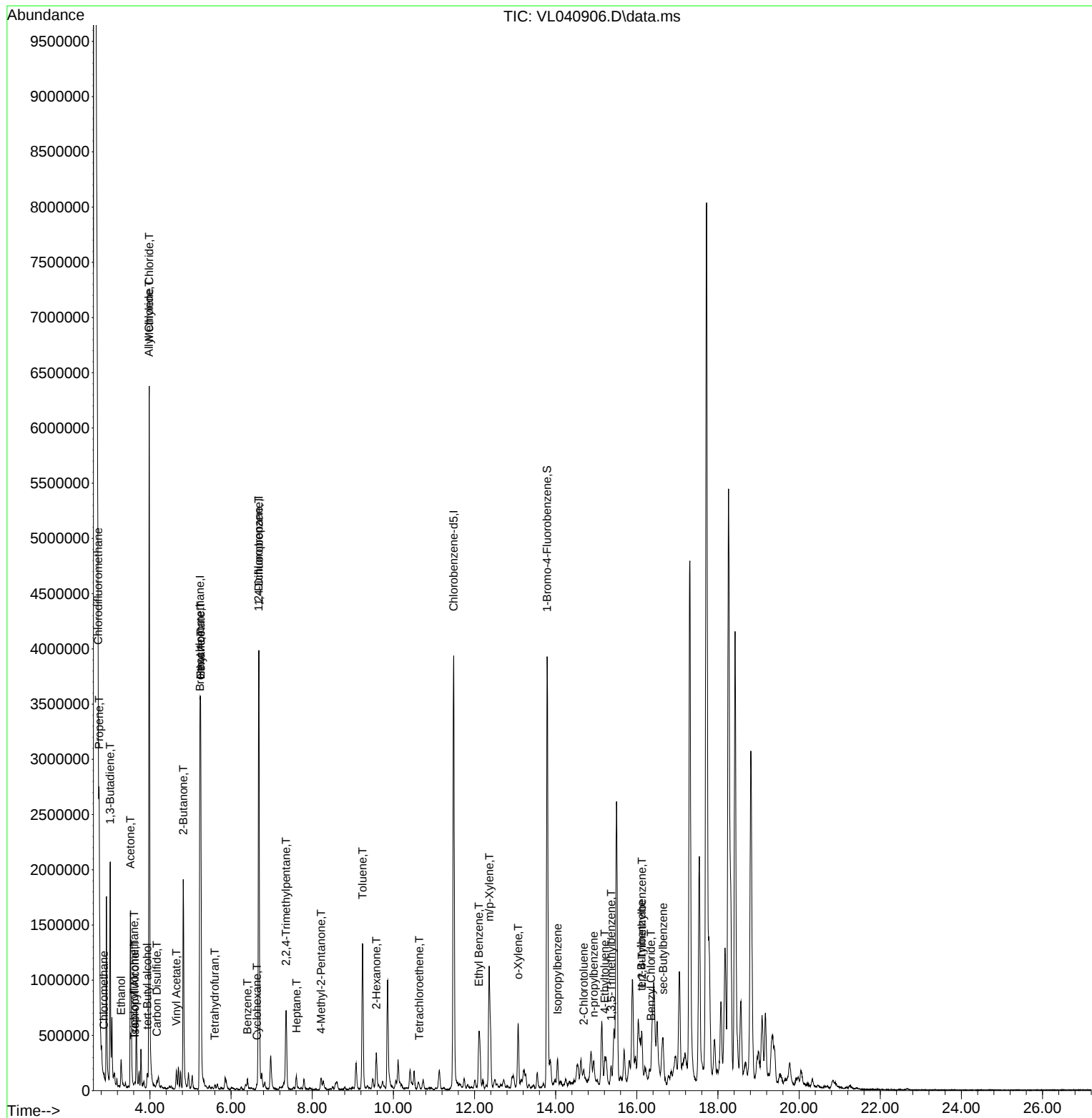
Target Compounds					Qvalue	
3) Chlorodifluoromethane	2.726	51	16971	0.087	ppbv #	81
4) Chloromethane	2.864	50	14066	0.201	ppbv	92
9) Propene	2.748	41	515087	7.852	ppbv	93
10) Heptane	7.613	43	17993	0.111	ppbv #	28
11) Trichlorofluoromethane	3.613	101	9089	0.048	ppbv #	65
13) Ethanol	3.288	45	245056	19.238	ppbv #	100
15) Acetone	3.517	43	1552253	11.954	ppbv	91
16) 1,3-Butadiene	3.018	39	529603	8.062	ppbv #	21
17) tert-Butyl alcohol	3.935	59	88549	0.797	ppbv	99
19) Isopropyl Alcohol	3.629	45	37692	0.482	ppbv #	1
20) Methylene Chloride	3.983	84	1999863	37.320	ppbv	95
21) Allyl Chloride	3.980	41	76562	0.921	ppbv #	33
23) Vinyl Acetate	4.652	43	75699	0.451	ppbv #	17
25) Ethyl Acetate	5.253	43	877426	3.264	ppbv #	81
26) Hexane	5.253	57	1076654	9.048	ppbv #	44
27) Carbon Disulfide	4.169	76	52006	0.345	ppbv #	38
30) Cyclohexane	6.639	84	8579	0.084	ppbv #	1
34) 2-Butanone	4.822	43	2123827	15.030	ppbv	97
36) Benzene	6.401	78	34848	0.155	ppbv	96
39) 1,2-Dichloropropane	6.680	63	736917	8.256	ppbv #	25
41) Tetrahydrofuran	5.597	42	9185	0.106	ppbv #	21
44) 2,2,4-Trimethylpentane	7.356	57	645984	1.727	ppbv #	87
50) 4-Methyl-2-Pentanone	8.217	43	73964	0.338	ppbv	98
51) 2-Hexanone	9.581	43	290617	1.885	ppbv #	100
52) Tetrachloroethene	10.639	164	3043	0.040	ppbv #	48
53) Toluene	9.240	91	723540	2.921	ppbv	99
58) Ethyl Benzene	12.108	91	376523	1.179	ppbv	95
59) m/p-Xylene	12.362	91	1162148	4.275	ppbv	99
60) o-Xylene	13.076	91	433696	1.676	ppbv	98
62) Isopropylbenzene	14.047	105	210473	0.550	ppbv	95
64) n-propylbenzene	14.937	120	6836	0.071	ppbv #	1
65) tert-Butylbenzene	16.114	119	13579	0.042	ppbv #	18
66) Benzyl Chloride	16.349	91	951	0.080	ppbv #	1
67) sec-Butylbenzene	16.648	105	26006	0.056	ppbv #	82
71) 2-Chlorotoluene	14.696	91	9826	0.034	ppbv #	62
72) 4-Ethyltoluene	15.211	105	143933	0.506	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.368	105	53126	0.211	ppbv	94
74) 1,2,4-Trimethylbenzene	16.127	105	151992	0.541	ppbv #	62

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

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Misc : 400mL/MSVOA_L
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Instrument :
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ClientSampleId :

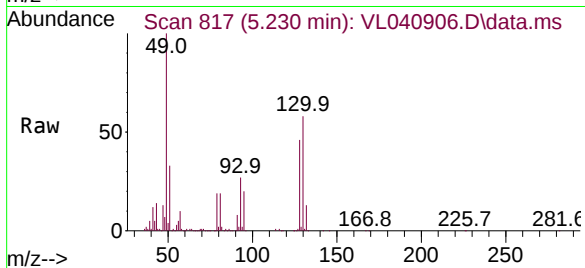
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Nov 28 04:31:59 2023
Response via : Initial Calibration



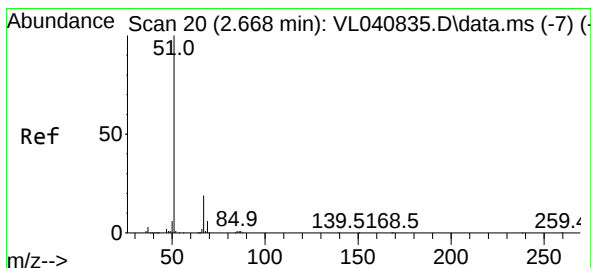
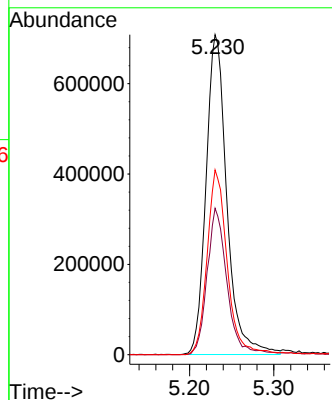
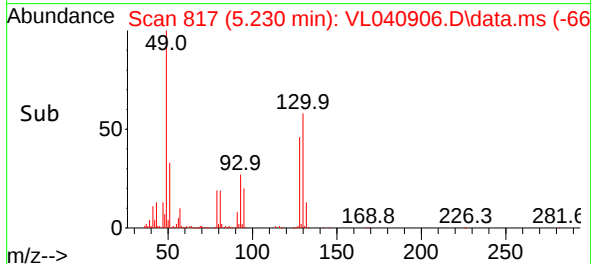


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

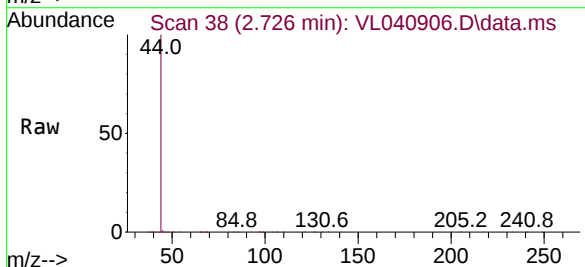
Instrument :
MSVOA_L
ClientSampleId :



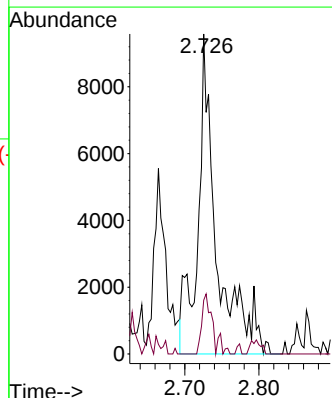
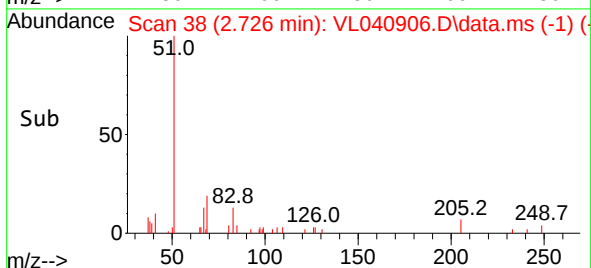
Tgt Ion: 49 Resp: 1219188
Ion Ratio Lower Upper
49 100
128 44.4 23.8 71.2
130 56.3 30.9 92.8

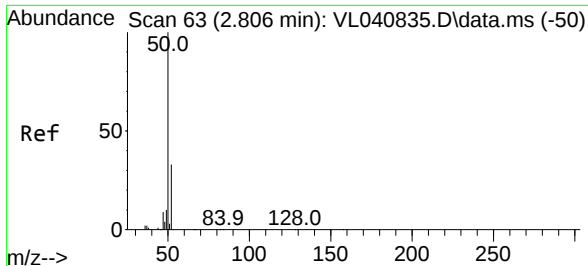


#3
Chlorodifluoromethane
Concen: 0.087 ppbv
RT: 2.726 min Scan# 38
Delta R.T. -0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45



Tgt Ion: 51 Resp: 16971
Ion Ratio Lower Upper
51 100
67 10.4 15.0 22.4#

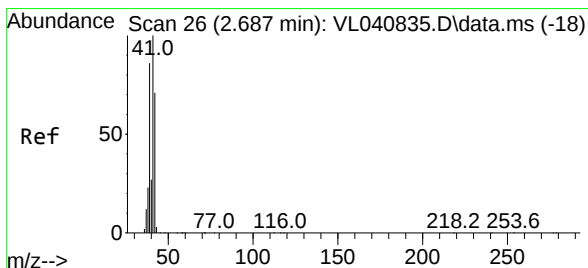
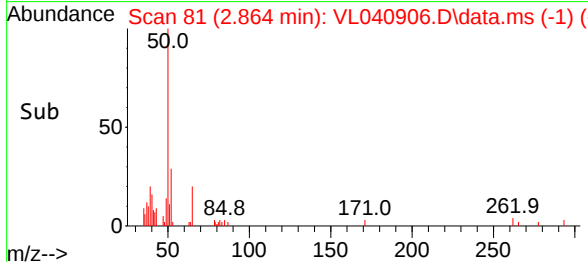
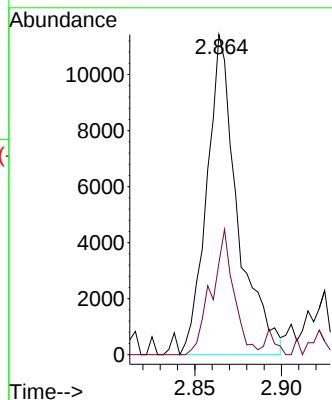
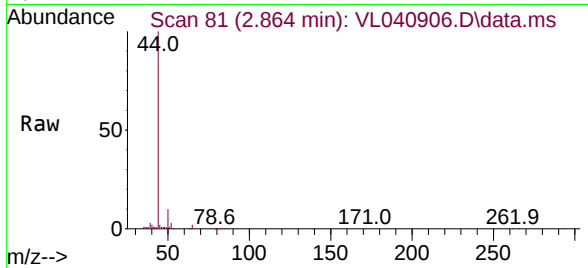




#4
Chloromethane
Concen: 0.201 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

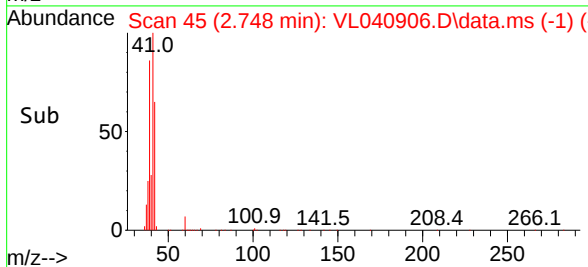
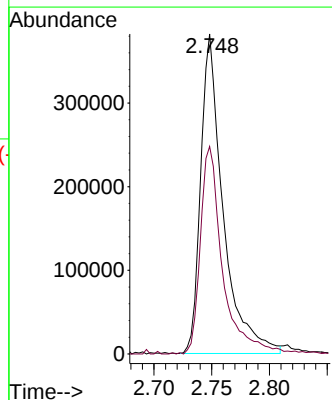
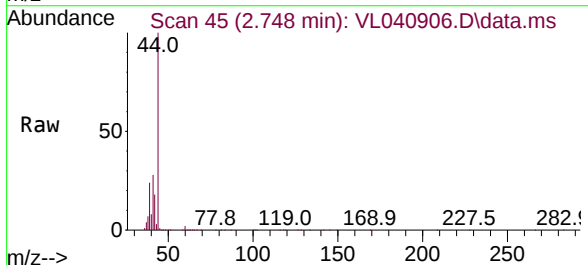
Instrument :
MSVOA_L
ClientSampleId :

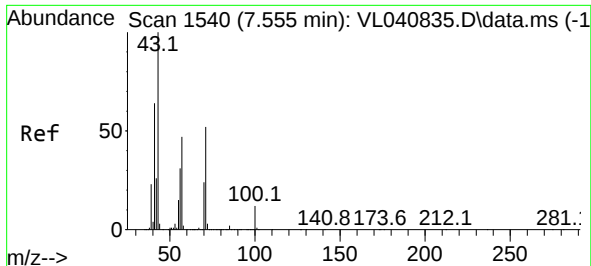
Tgt Ion: 50 Resp: 14066
Ion Ratio Lower Upper
50 100
52 28.6 26.5 39.7



#9
Propene
Concen: 7.852 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 41 Resp: 515087
Ion Ratio Lower Upper
41 100
42 65.0 56.5 84.7





#10

Heptane

Concen: 0.111 ppbv

RT: 7.613 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

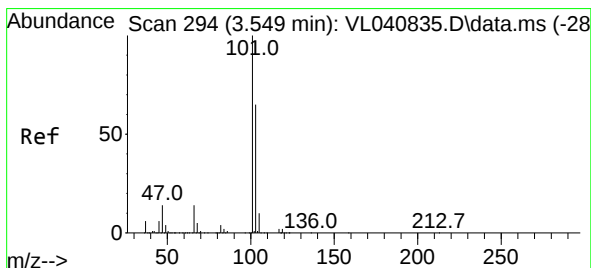
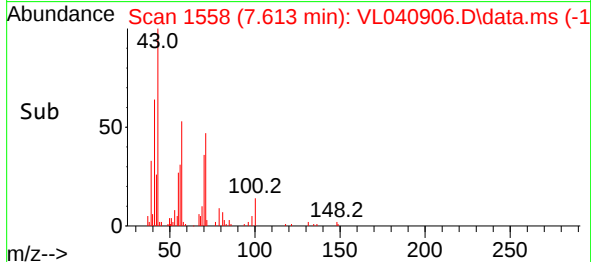
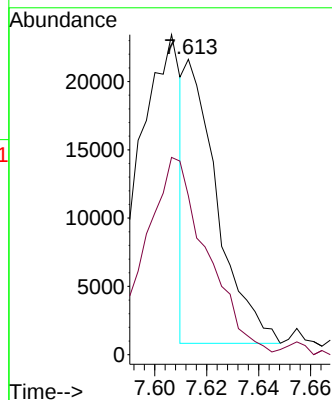
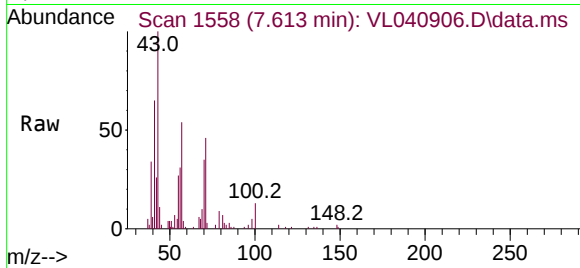
ClientSampleId :

Tgt Ion: 43 Resp: 17993

Ion Ratio Lower Upper

43 100

57 0.0 39.4 59.0#



#11

Trichlorofluoromethane

Concen: 0.048 ppbv

RT: 3.613 min Scan# 314

Delta R.T. 0.006 min

Lab File: VL040906.D

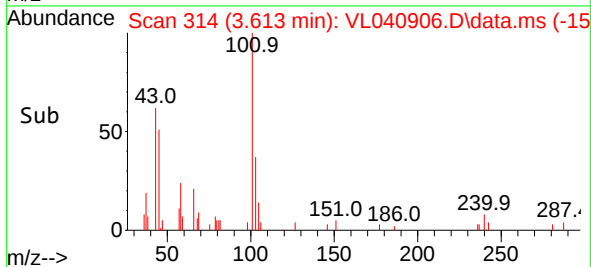
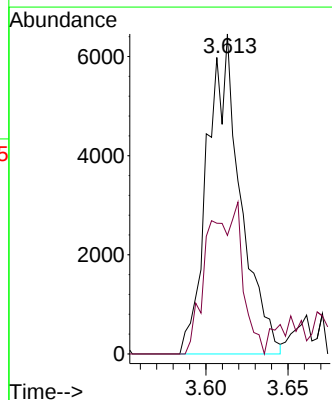
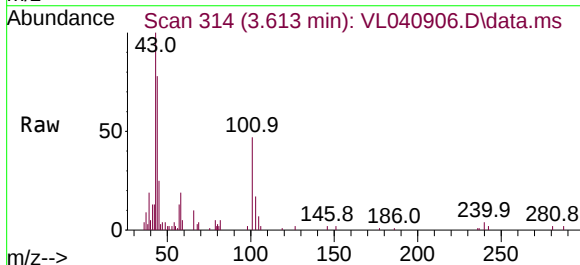
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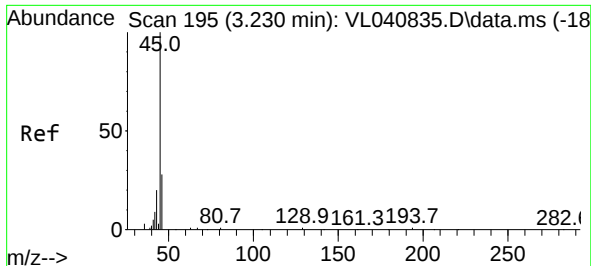
Tgt Ion:101 Resp: 9089

Ion Ratio Lower Upper

101 100

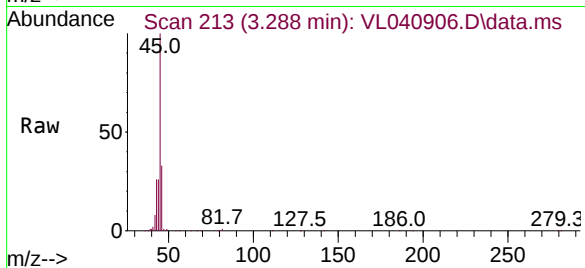
103 37.1 51.8 77.8#



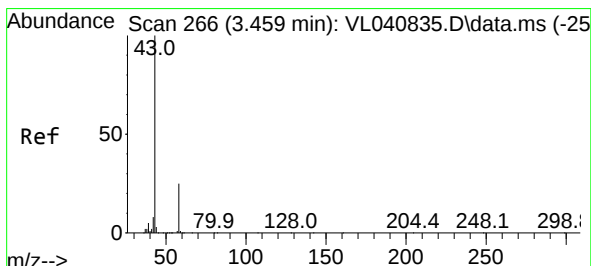
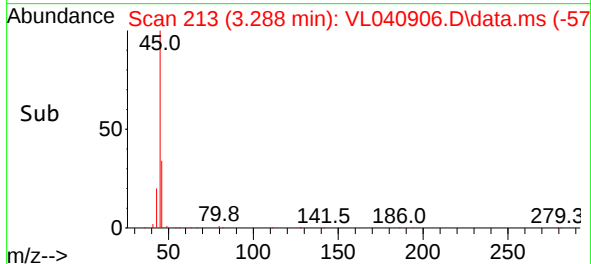
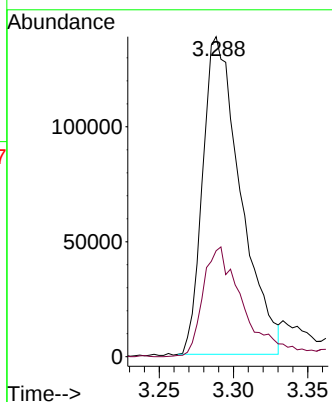


#13
 Ethanol
 Concen: 19.238 ppbv
 RT: 3.288 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040906.D
 Acq: 27 Nov 2023 13:45

Instrument :
 MSVOA_L
 ClientSampleId :

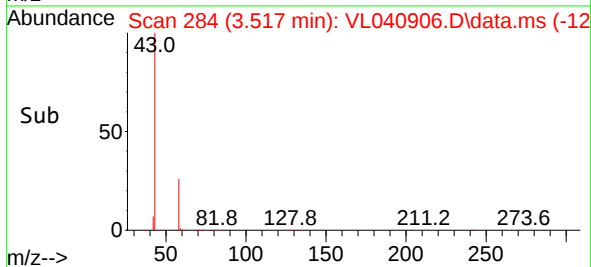
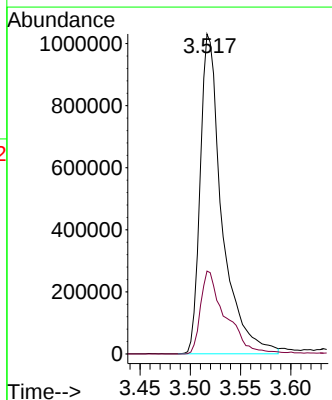
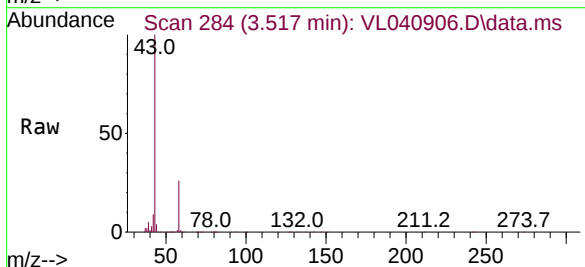


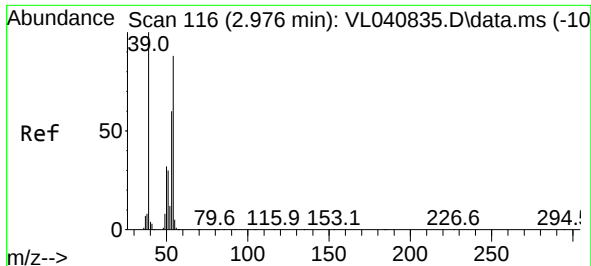
Tgt Ion: 45 Resp: 245056
 Ion Ratio Lower Upper
 45 100
 46 39.8 0.0 0.0#



#15
 Acetone
 Concen: 11.954 ppbv
 RT: 3.517 min Scan# 284
 Delta R.T. 0.003 min
 Lab File: VL040906.D
 Acq: 27 Nov 2023 13:45

Tgt Ion: 43 Resp: 1552253
 Ion Ratio Lower Upper
 43 100
 58 30.6 20.9 31.3





#16

1,3-Butadiene

Concen: 8.062 ppbv

RT: 3.018 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

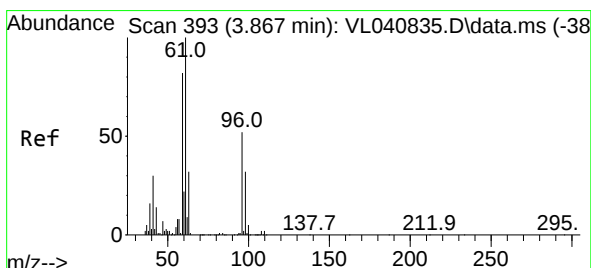
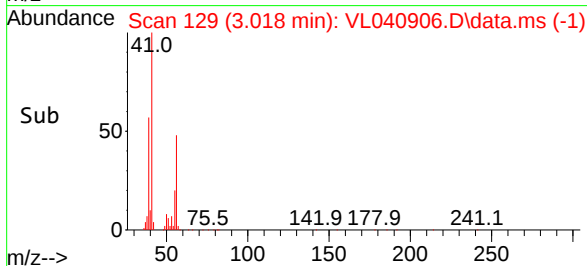
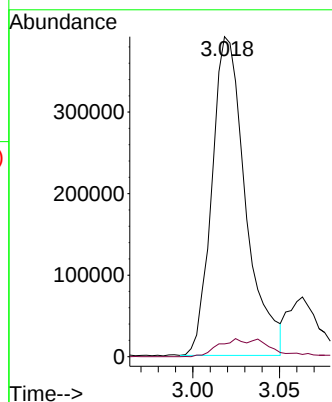
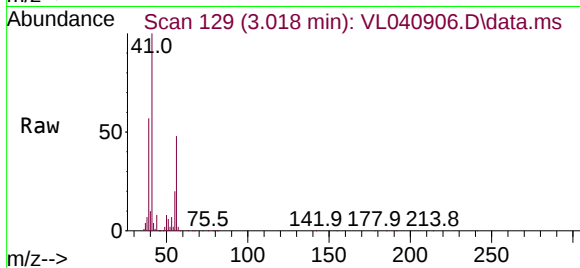
ClientSampleId :

Tgt Ion: 39 Resp: 529603

Ion Ratio Lower Upper

39 100

54 8.7 61.8 92.6#



#17

tert-Butyl alcohol

Concen: 0.797 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.013 min

Lab File: VL040906.D

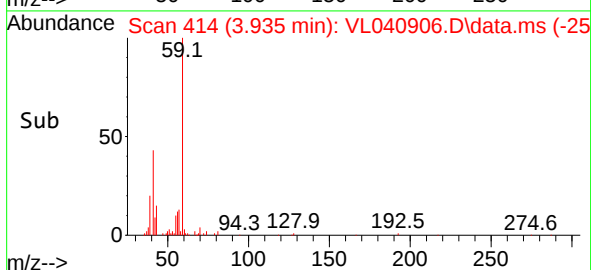
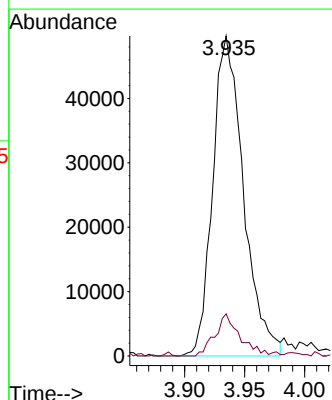
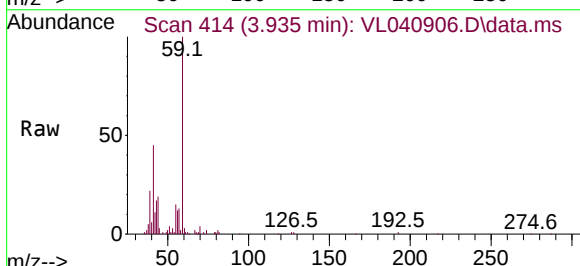
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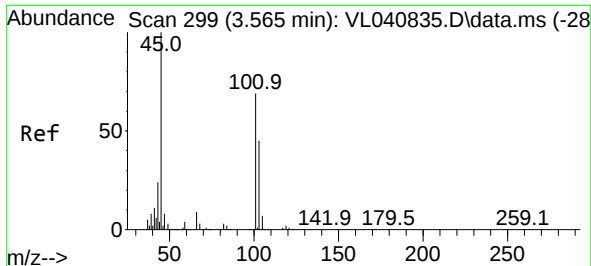
Tgt Ion: 59 Resp: 88549

Ion Ratio Lower Upper

59 100

57 10.9 9.0 13.4

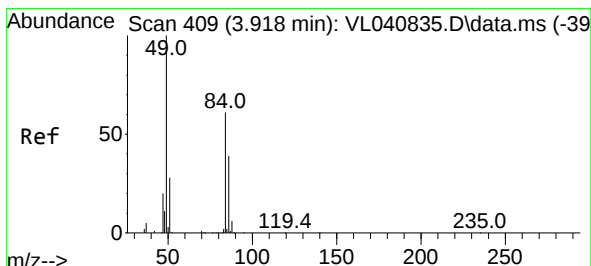
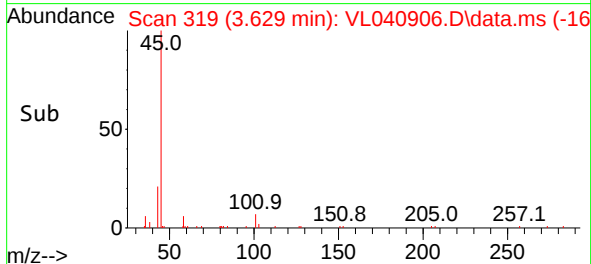
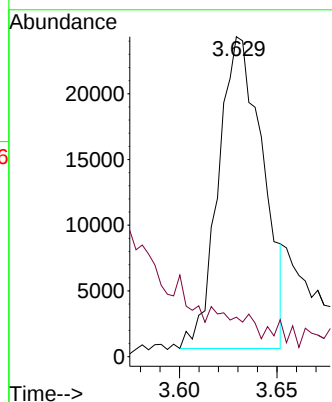
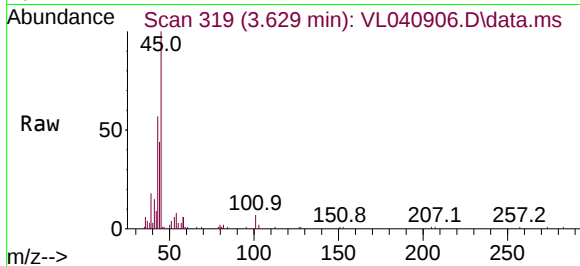




#19
Isopropyl Alcohol
Concen: 0.482 ppbv
RT: 3.629 min Scan# 319
Delta R.T. 0.010 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

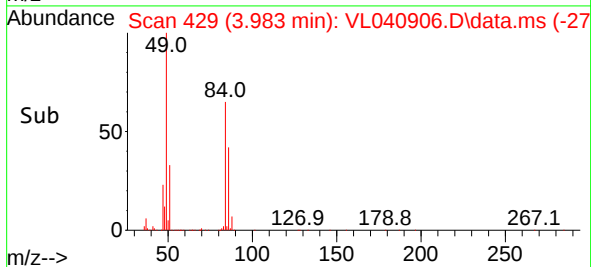
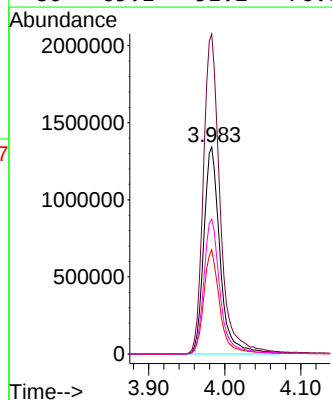
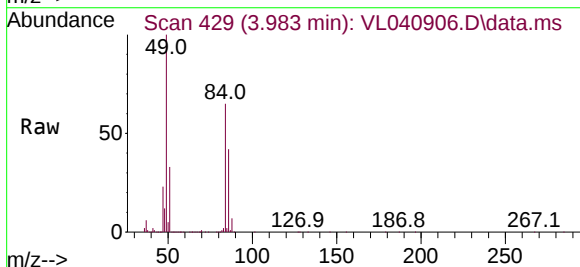
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MSVOA_L
ClientSampleId :

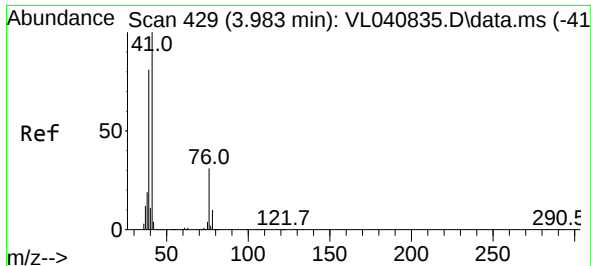
Tgt Ion: 45 Resp: 37692
Ion Ratio Lower Upper
45 100
58 1260.8 1.6 2.4#



#20
Methylene Chloride
Concen: 37.320 ppbv
RT: 3.983 min Scan# 429
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 84 Resp: 1999863
Ion Ratio Lower Upper
84 100
49 154.7 131.0 196.4
51 50.2 36.9 55.3
86 65.1 51.2 76.8





#21

Allyl Chloride

Concen: 0.921 ppbv

RT: 3.980 min Scan# 41

Delta R.T. -0.058 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

ClientSampleId :

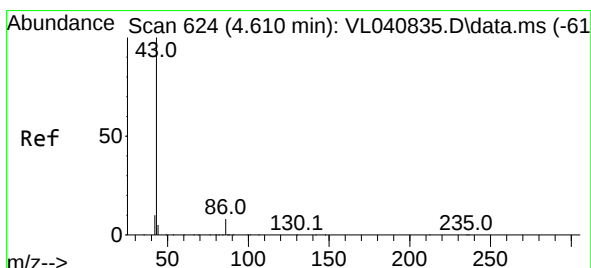
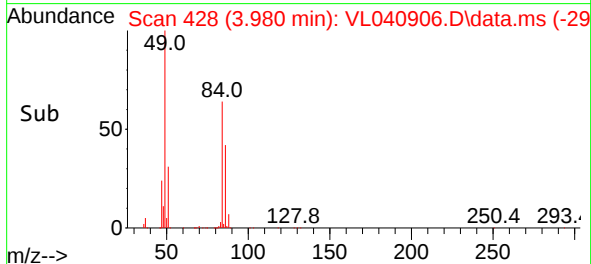
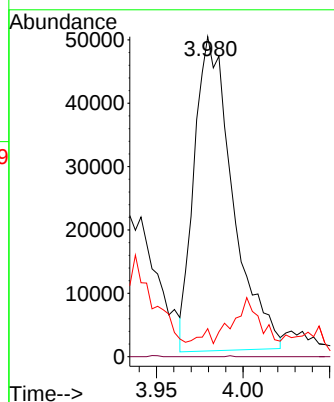
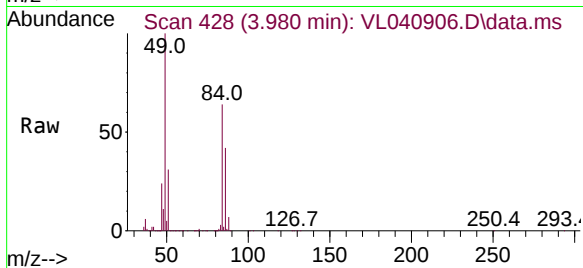
Tgt Ion: 41 Resp: 76562

Ion Ratio Lower Upper

41 100

76 0.0 24.4 36.6#

39 19.8 68.1 102.1#



#23

Vinyl Acetate

Concen: 0.451 ppbv

RT: 4.652 min Scan# 637

Delta R.T. -0.013 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Tgt Ion: 43 Resp: 75699

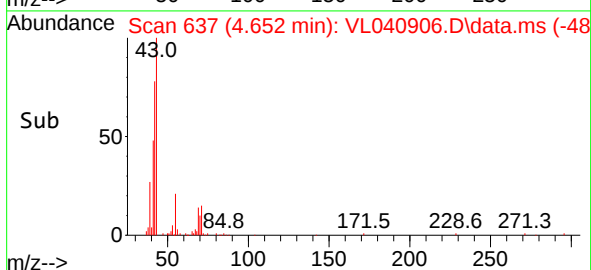
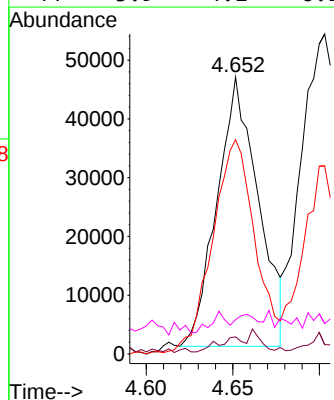
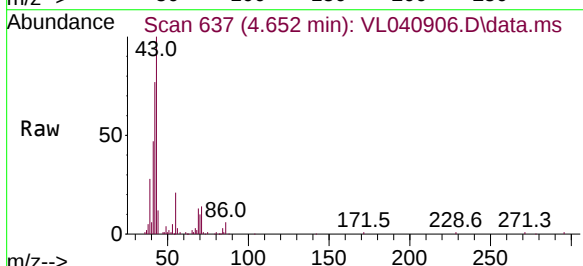
Ion Ratio Lower Upper

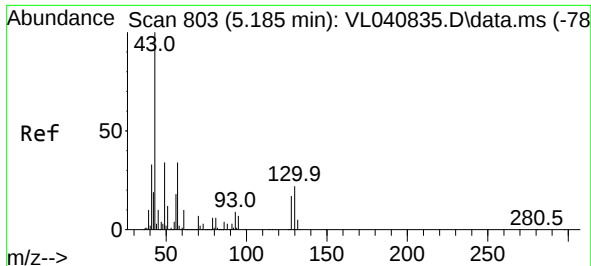
43 100

86 4.9 5.5 8.3#

42 75.5 8.2 12.2#

44 3.9 4.1 6.1#

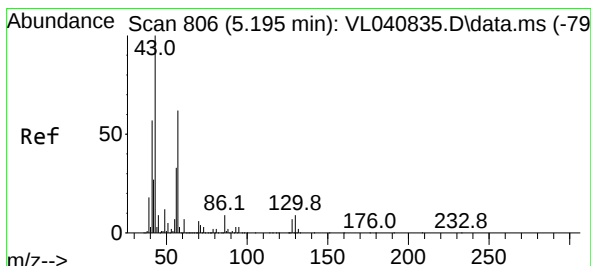
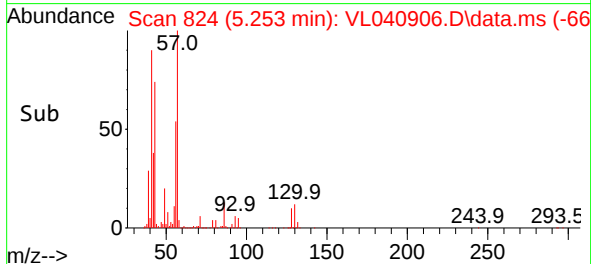
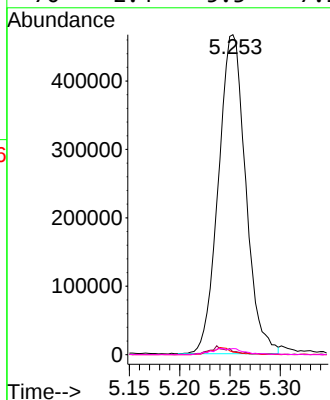
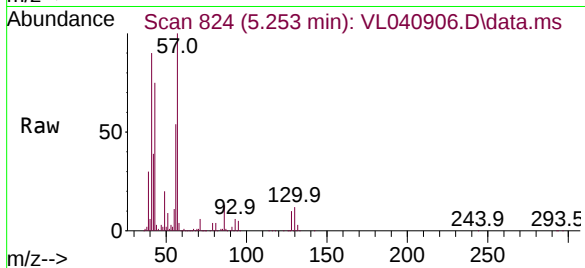




#25
Ethyl Acetate
Concen: 3.264 ppbv
RT: 5.253 min Scan# 803
Delta R.T. 0.016 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

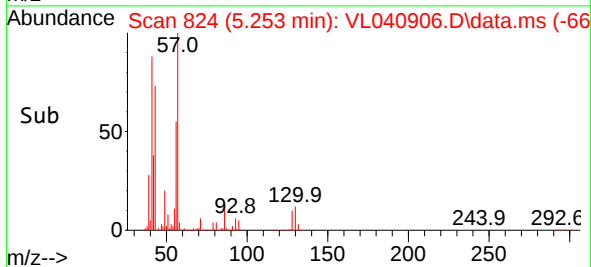
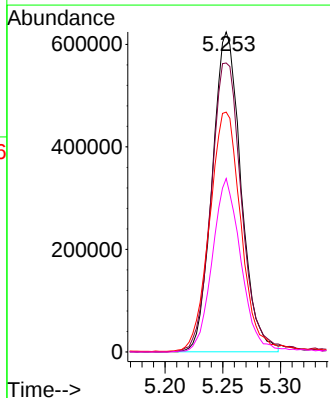
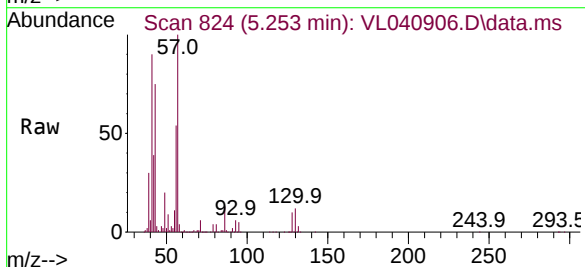
Instrument :
MSVOA_L
ClientSampleId :

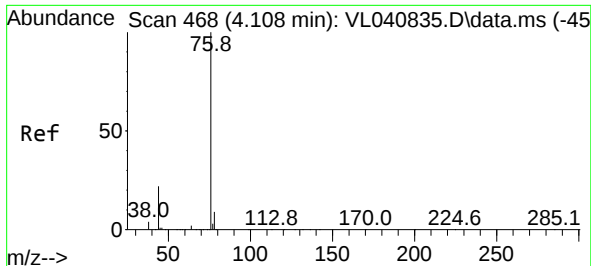
Tgt Ion: 43 Resp: 877426
Ion Ratio Lower Upper
43 100
45 2.5 8.1 12.1#
61 1.9 7.8 11.6#
70 2.4 5.3 7.9#



#26
Hexane
Concen: 9.048 ppbv
RT: 5.253 min Scan# 824
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 57 Resp: 1076654
Ion Ratio Lower Upper
57 100
41 98.0 75.4 113.0
43 83.7 185.9 278.9#
56 55.3 42.6 63.8

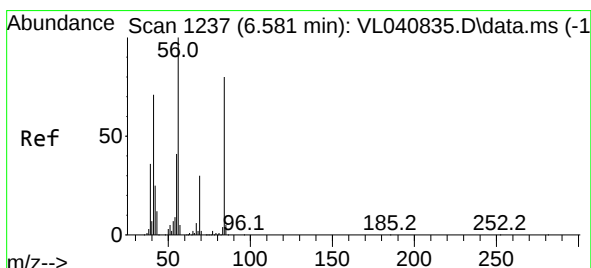
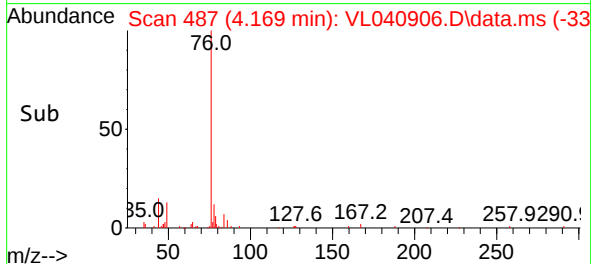
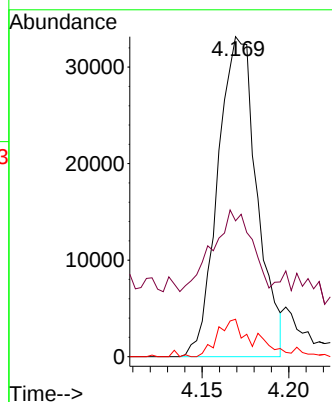
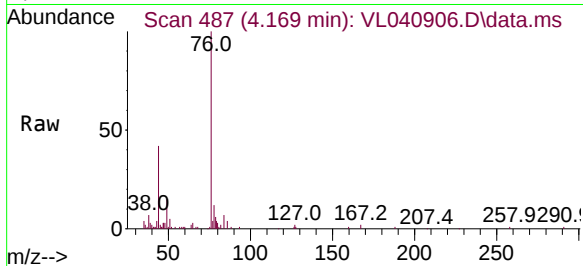




#27
Carbon Disulfide
Concen: 0.345 ppbv
RT: 4.169 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

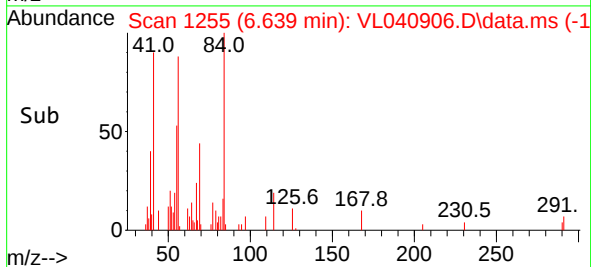
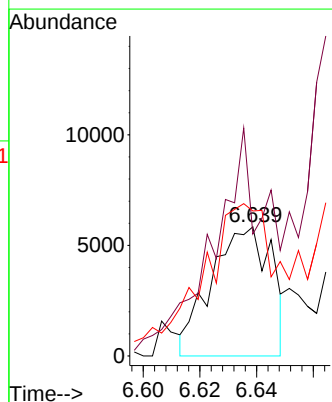
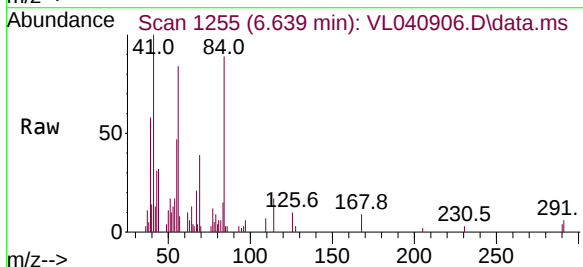
Instrument :
MSVOA_L
ClientSampleId :

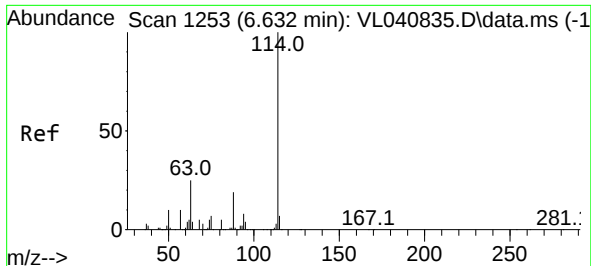
Tgt Ion: 76 Resp: 52006
Ion Ratio Lower Upper
76 100
44 61.4 16.7 25.1#
78 12.3 7.6 11.4#



#30
Cyclohexane
Concen: 0.084 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 84 Resp: 8579
Ion Ratio Lower Upper
84 100
56 0.0 109.3 163.9#
41 164.2 71.4 107.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

ClientSampleId :

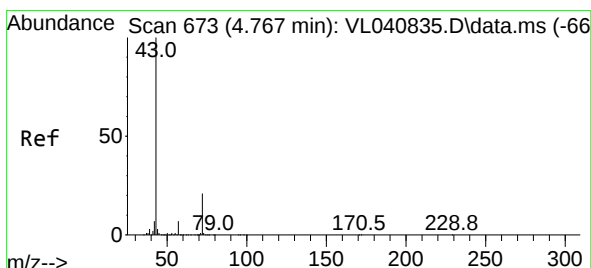
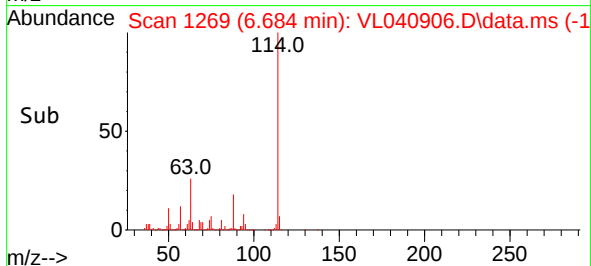
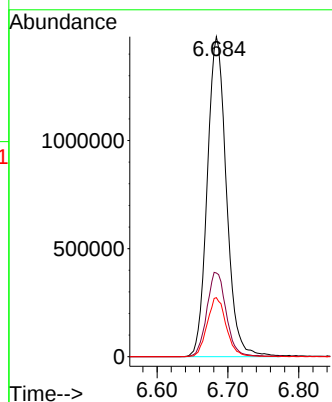
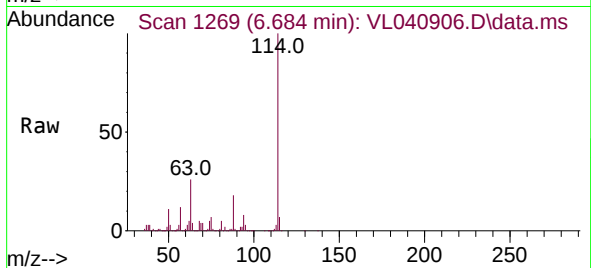
Tgt Ion:114 Resp: 2773772

Ion Ratio Lower Upper

114 100

63 27.0 20.9 31.3

88 18.5 14.3 21.5



#34

2-Butanone

Concen: 15.030 ppbv

RT: 4.822 min Scan# 690

Delta R.T. 0.000 min

Lab File: VL040906.D

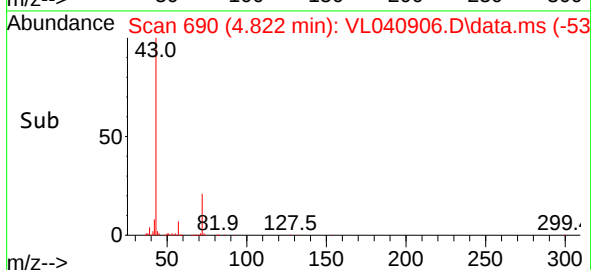
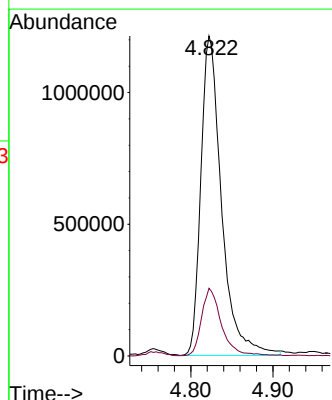
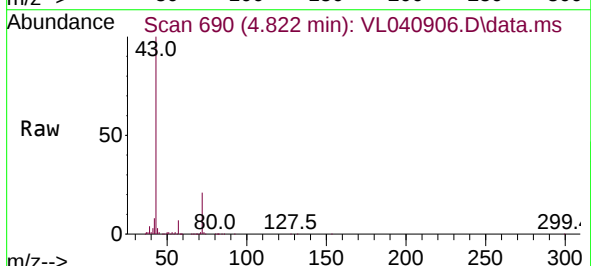
Acq: 27 Nov 2023 13:45

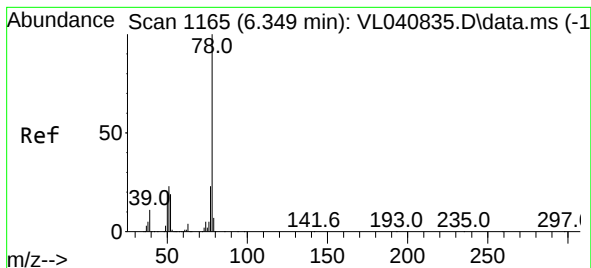
Tgt Ion: 43 Resp: 2123827

Ion Ratio Lower Upper

43 100

72 20.3 17.2 25.8





#36

Benzene

Concen: 0.155 ppbv

RT: 6.401 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

ClientSampleId :

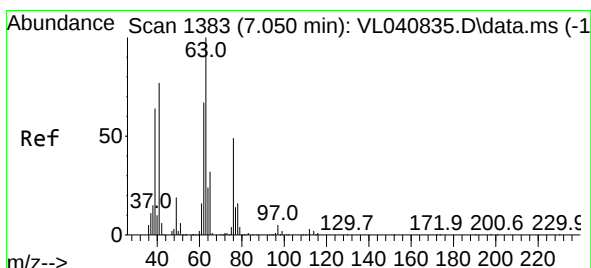
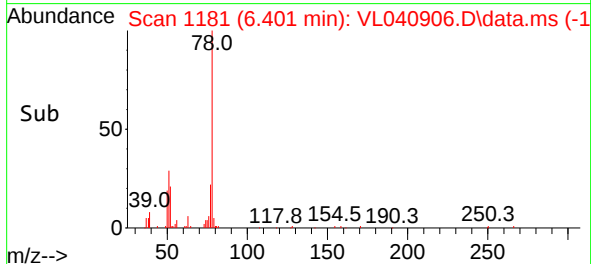
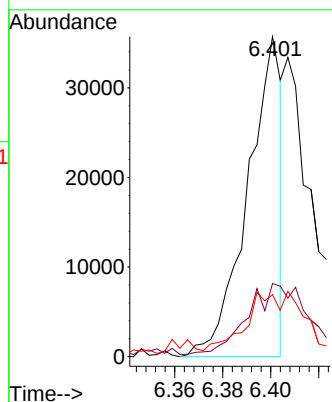
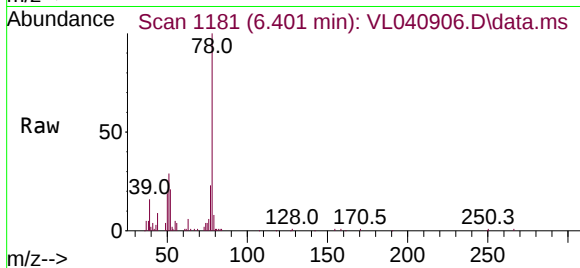
Tgt Ion: 78 Resp: 34848

Ion Ratio Lower Upper

78 100

77 22.2 18.4 27.6

50 16.8 16.2 24.2



#39

1,2-Dichloropropane

Concen: 8.256 ppbv

RT: 6.680 min Scan# 1268

Delta R.T. -0.418 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

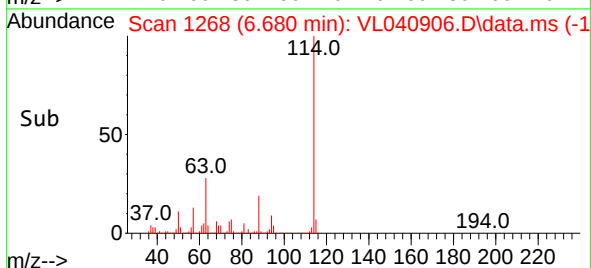
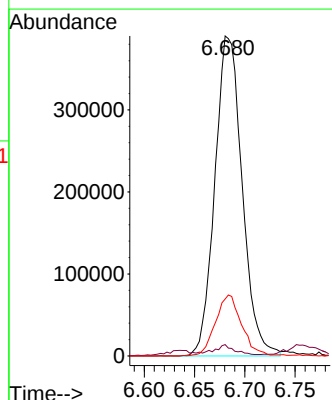
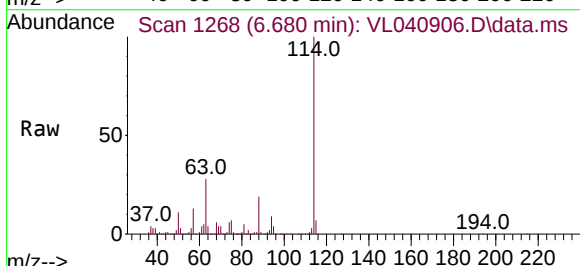
Tgt Ion: 63 Resp: 736917

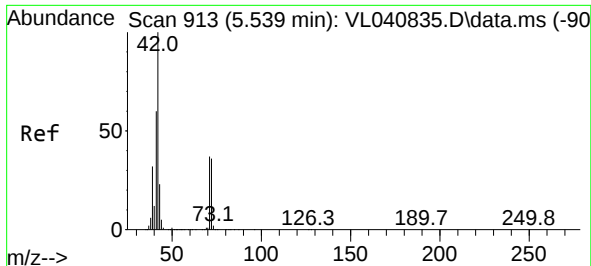
Ion Ratio Lower Upper

63 100

41 2.1 61.5 92.3#

62 17.8 53.9 80.9#





#41

Tetrahydrofuran

Concen: 0.106 ppbv

RT: 5.597 min Scan# 91

Delta R.T. 0.006 min

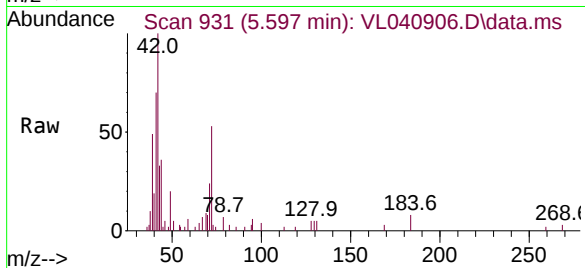
Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

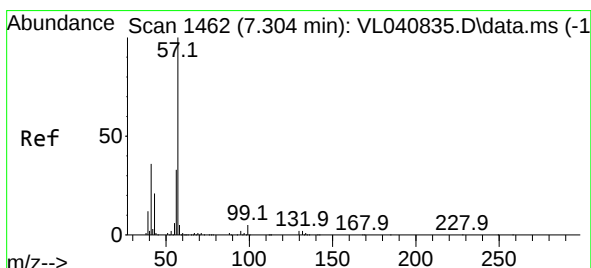
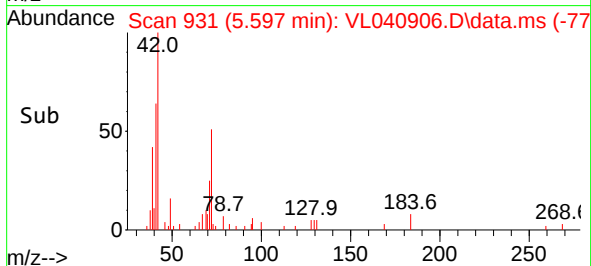
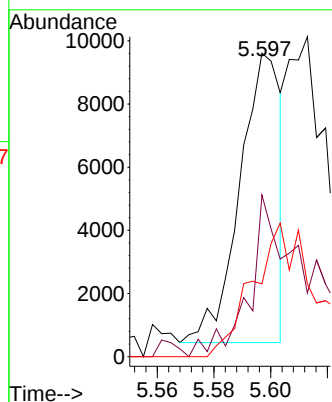
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	42	Resp:	9185
Ion Ratio	Lower	Upper	
42	100		
72	90.0	30.8	46.2#
71	81.4	30.0	45.0#



#44

2,2,4-Trimethylpentane

Concen: 1.727 ppbv

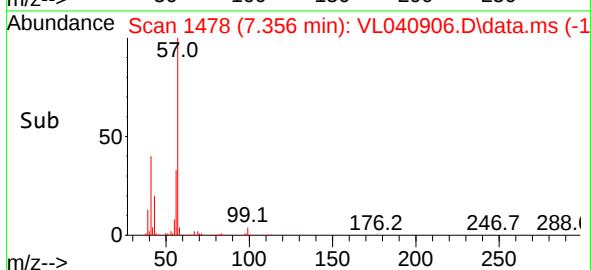
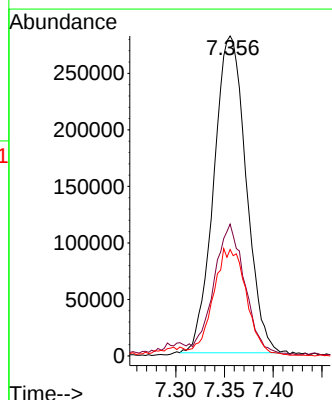
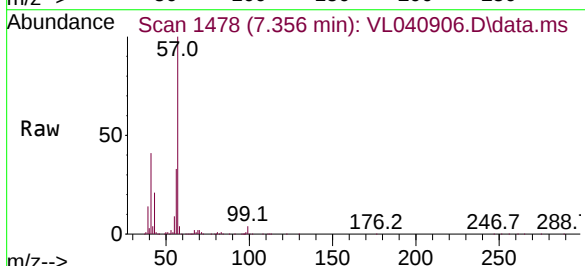
RT: 7.356 min Scan# 1478

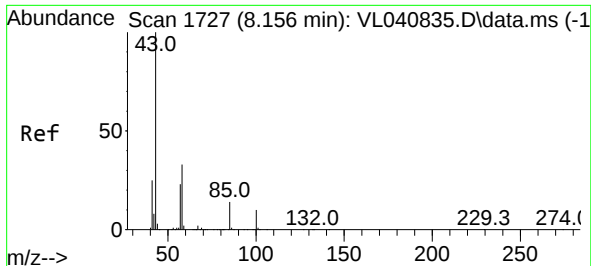
Delta R.T. 0.003 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Tgt Ion:	57	Resp:	645984
Ion Ratio	Lower	Upper	
57	100		
41	44.8	29.0	43.6#
56	37.9	25.2	37.8#





#50

4-Methyl-2-Pentanone

Concen: 0.338 ppbv

RT: 8.217 min Scan# 1

Delta R.T. 0.016 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

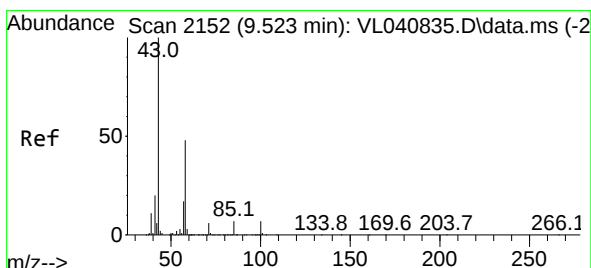
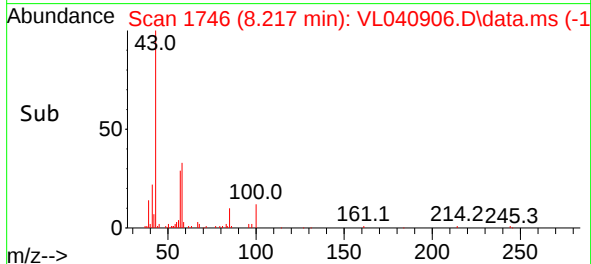
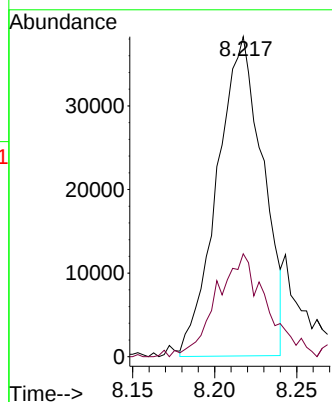
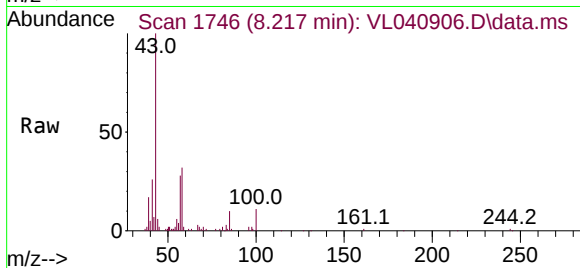
ClientSampleId :

Tgt Ion: 43 Resp: 73964

Ion Ratio Lower Upper

43 100

58 35.6 27.8 41.6



#51

2-Hexanone

Concen: 1.885 ppbv

RT: 9.581 min Scan# 2170

Delta R.T. 0.010 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

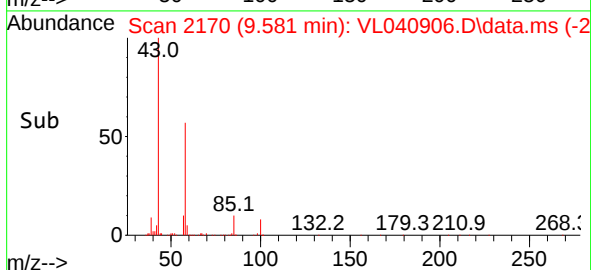
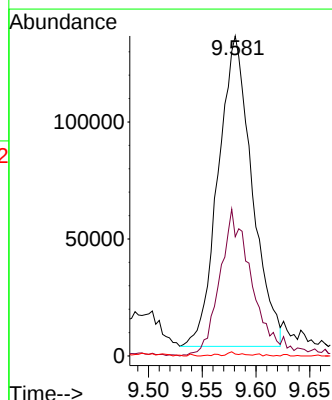
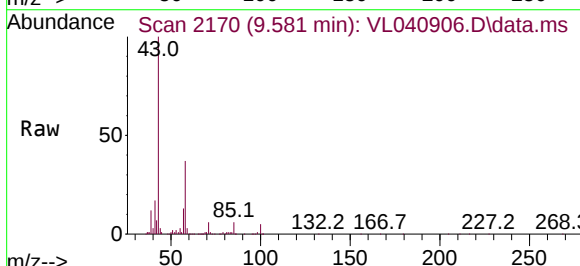
Tgt Ion: 43 Resp: 290617

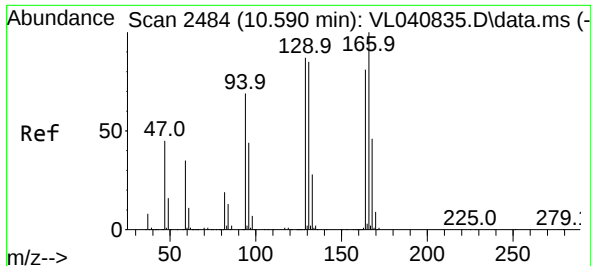
Ion Ratio Lower Upper

43 100

58 46.7 37.4 56.2

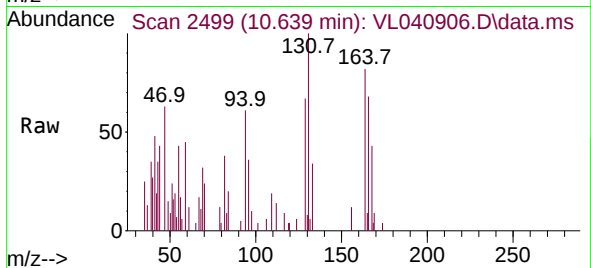
98 1.0 0.2 0.2#



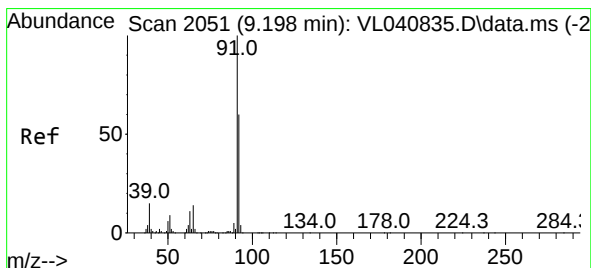
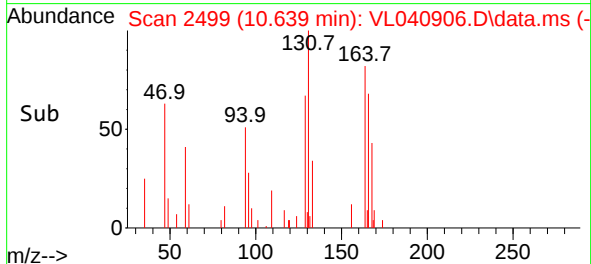
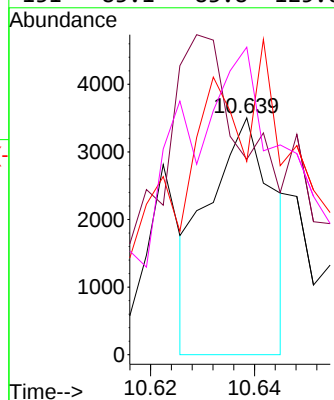


#52
Tetrachloroethene
Concen: 0.040 ppbv
RT: 10.639 min Scan# 2484
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Instrument :
MSVOA_L
ClientSampleId :

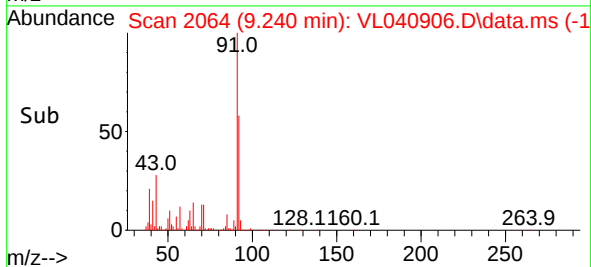
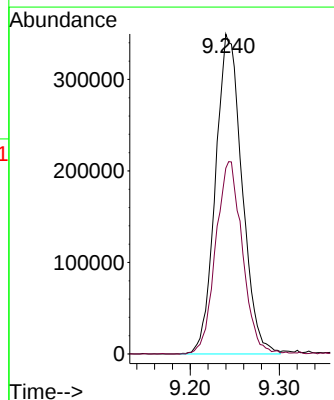
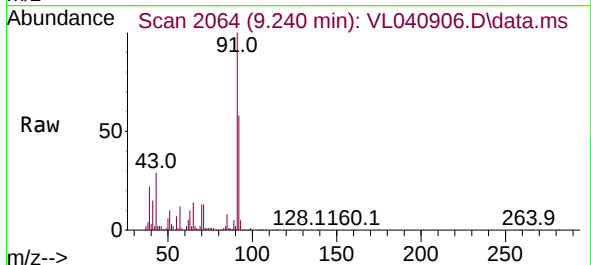


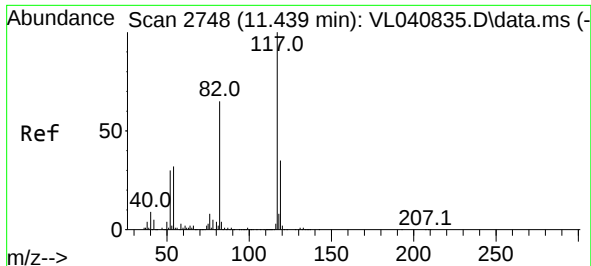
Tgt Ion:164 Resp: 3043
Ion Ratio Lower Upper
164 100
166 28.3 98.3 147.5#
129 59.3 85.1 127.7#
131 83.1 83.8 125.6#



#53
Toluene
Concen: 2.921 ppbv
RT: 9.240 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 91 Resp: 723540
Ion Ratio Lower Upper
91 100
92 60.7 49.4 74.2

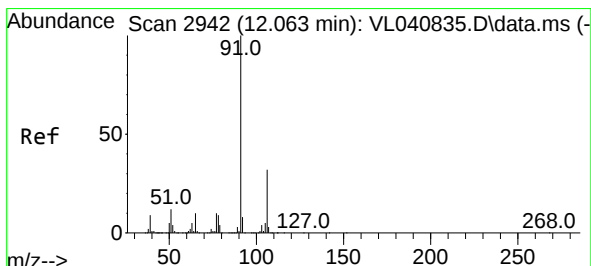
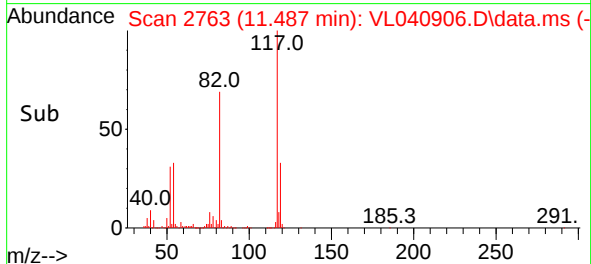
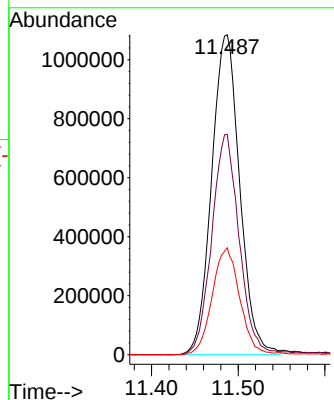
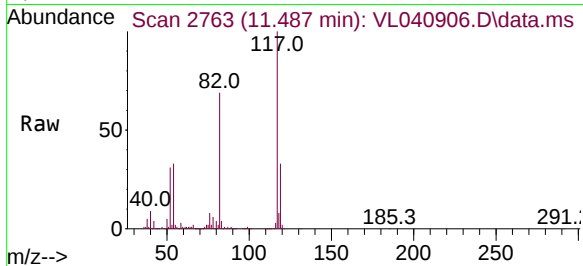




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

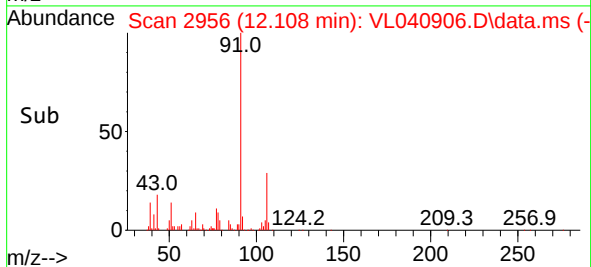
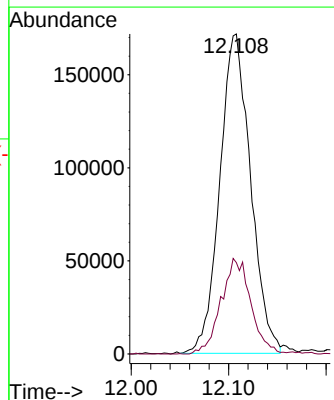
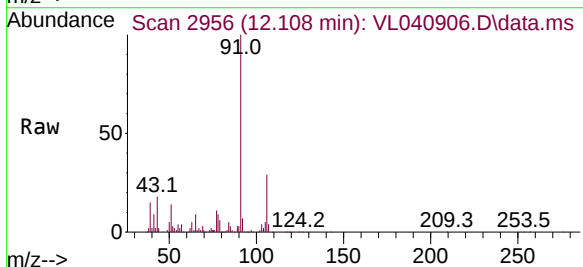
Instrument :
MSVOA_L
ClientSampleId :

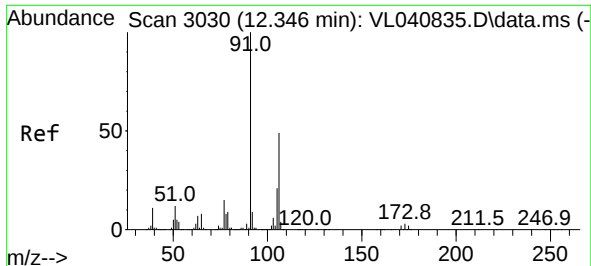
Tgt Ion:117 Resp: 2446840
Ion Ratio Lower Upper
117 100
82 68.7 50.6 75.8
119 32.9 23.3 34.9



#58
Ethyl Benzene
Concen: 1.179 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 91 Resp: 376523
Ion Ratio Lower Upper
91 100
106 28.5 25.2 37.8





#59

m/p-Xylene

Concen: 4.275 ppbv

RT: 12.362 min Scan# 3030

Delta R.T. -0.022 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

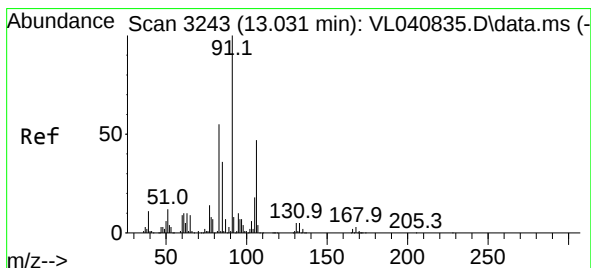
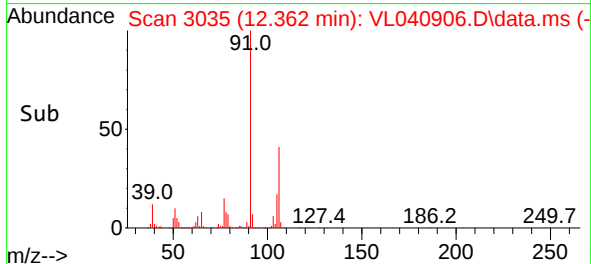
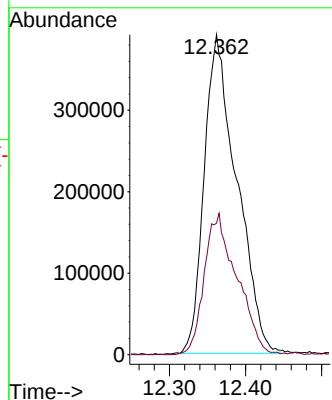
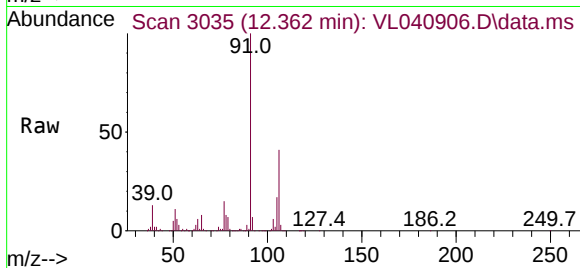
ClientSampleId :

Tgt Ion: 91 Resp: 1162148

Ion Ratio Lower Upper

91 100

106 44.9 35.4 53.0



#60

o-Xylene

Concen: 1.676 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VL040906.D

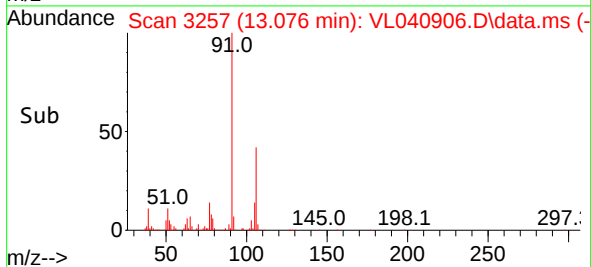
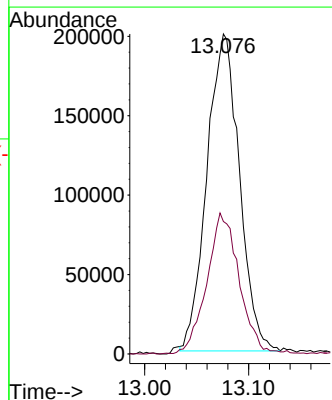
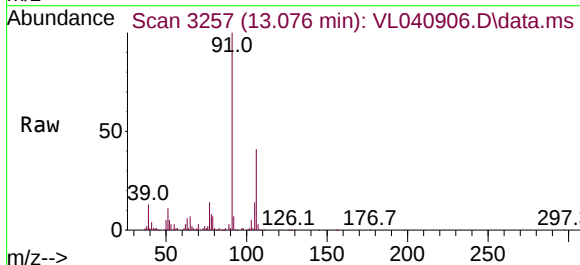
Acq: 27 Nov 2023 13:45

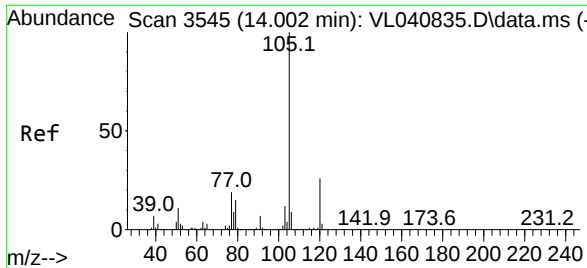
Tgt Ion: 91 Resp: 433696

Ion Ratio Lower Upper

91 100

106 44.4 22.9 68.5

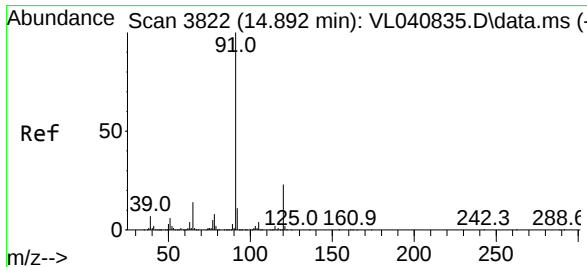
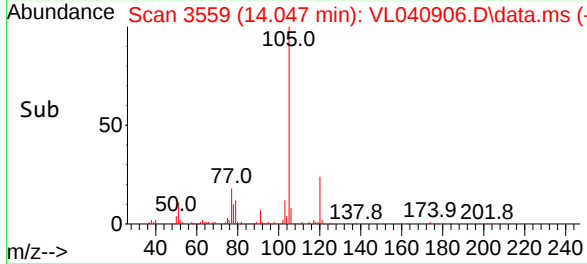
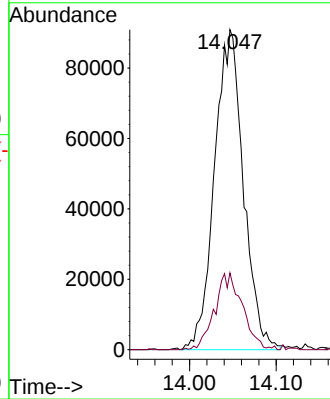
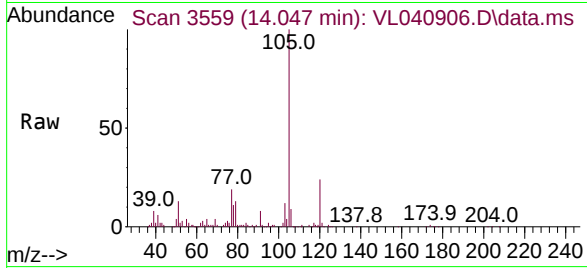




#62
Isopropylbenzene
Concen: 0.550 ppbv
RT: 14.047 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

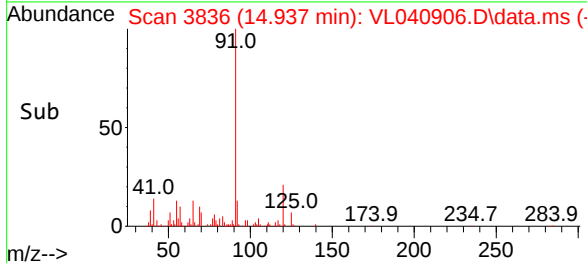
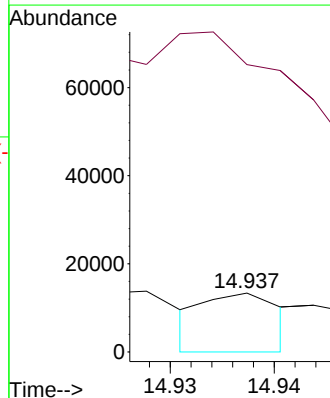
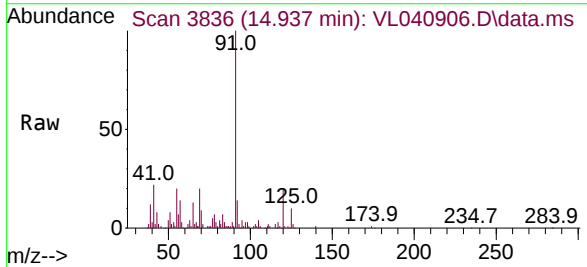
Instrument :
MSVOA_L
ClientSampleId :

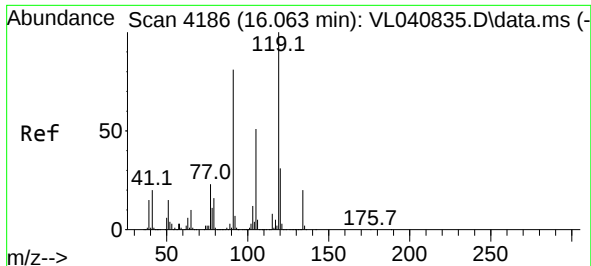
Tgt Ion:105 Resp: 210473
Ion Ratio Lower Upper
105 100
120 23.3 20.7 31.1



#64
n-propylbenzene
Concen: 0.071 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion:120 Resp: 6836
Ion Ratio Lower Upper
120 100
91 2606.8 381.1 571.7#

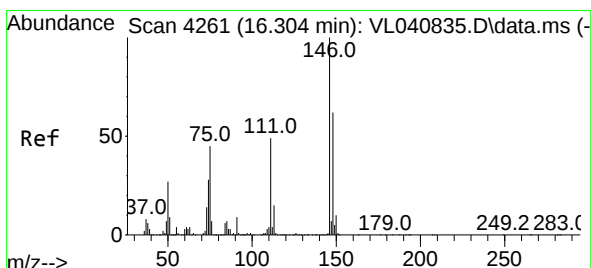
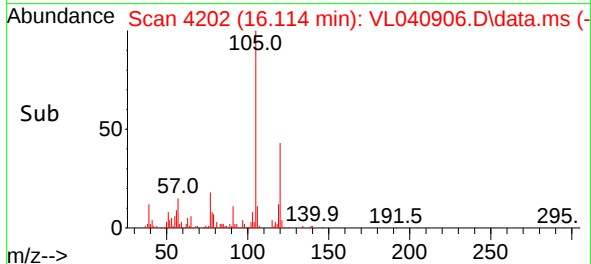
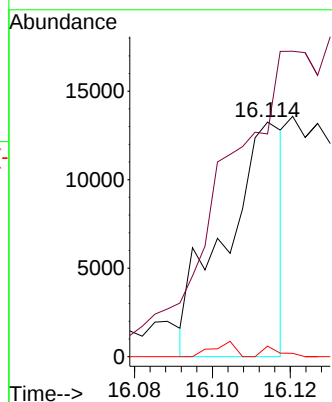
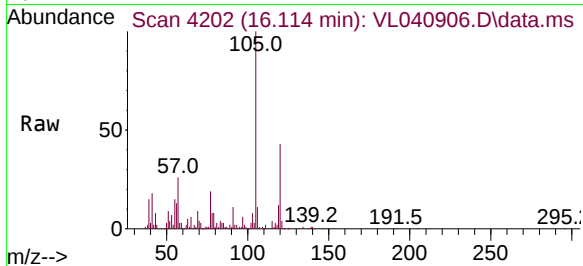




#65
tert-Butylbenzene
Concen: 0.042 ppbv
RT: 16.114 min Scan# 4186
Delta R.T. 0.013 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

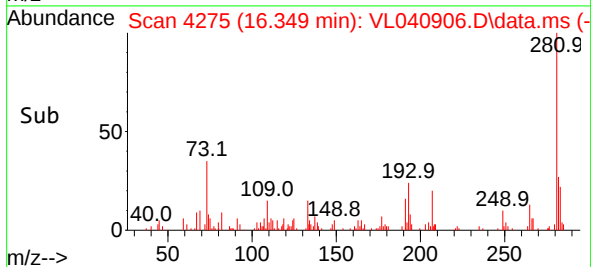
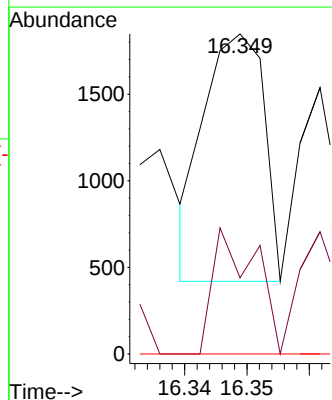
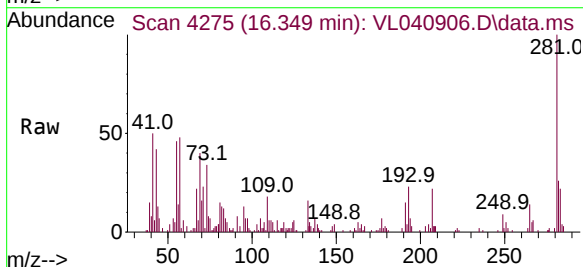
Instrument :
MSVOA_L
ClientSampleId :

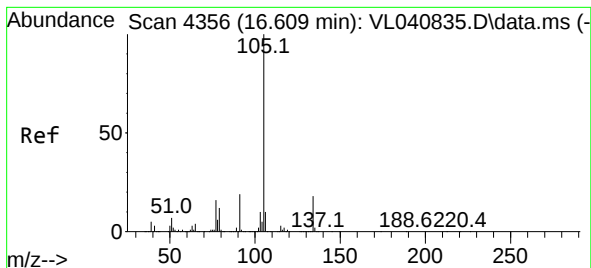
Tgt Ion:119 Resp: 13579
Ion Ratio Lower Upper
119 100
91 0.0 67.5 101.3#
134 4.4 15.9 23.9#



#66
Benzyl Chloride
Concen: 0.080 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 91 Resp: 951
Ion Ratio Lower Upper
91 100
126 68.1 12.8 19.2#
128 0.0 0.0 0.0





#67

sec-Butylbenzene

Concen: 0.056 ppbv

RT: 16.648 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

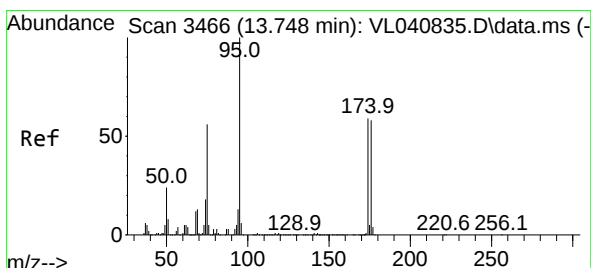
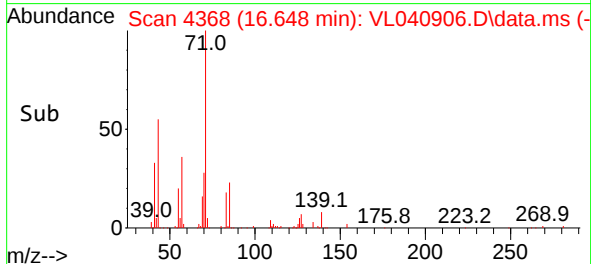
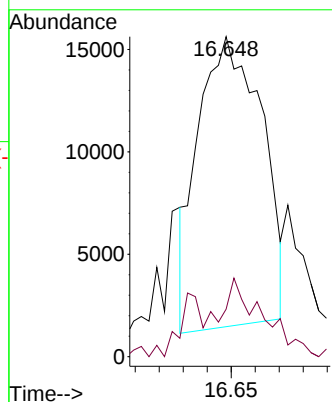
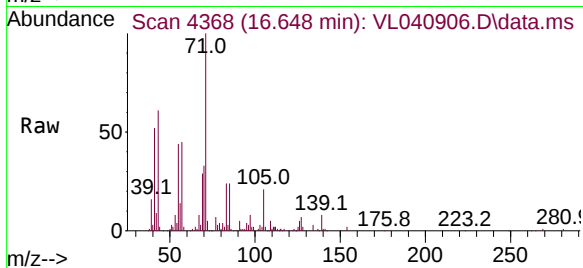
ClientSampleId :

Tgt Ion:105 Resp: 26006

Ion Ratio Lower Upper

105 100

134 26.0 14.3 21.5#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.213 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. -0.003 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

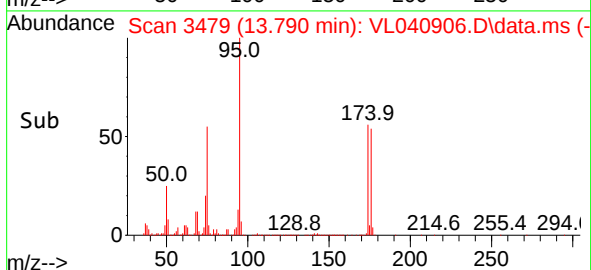
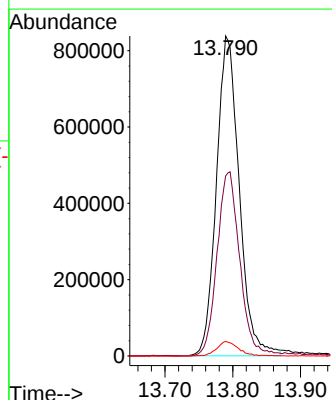
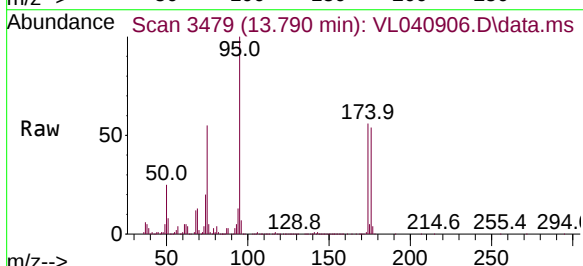
Tgt Ion: 95 Resp: 1956530

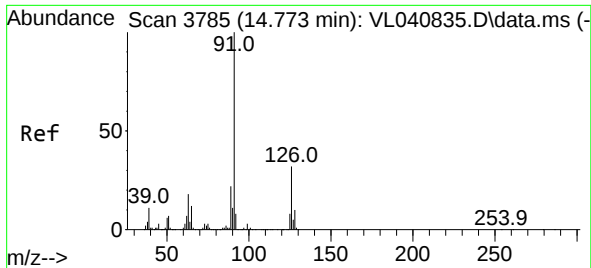
Ion Ratio Lower Upper

95 100

174 58.8 47.5 71.3

175 4.4 3.6 5.4

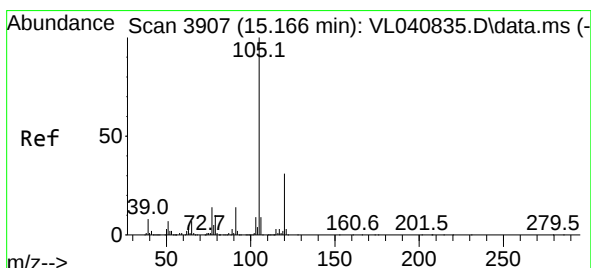
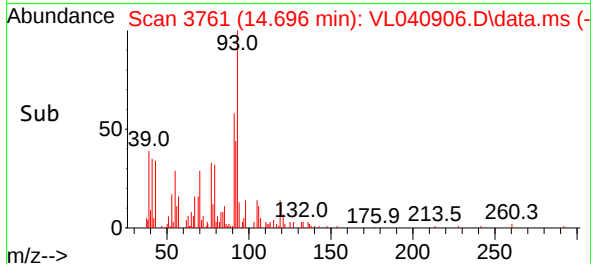
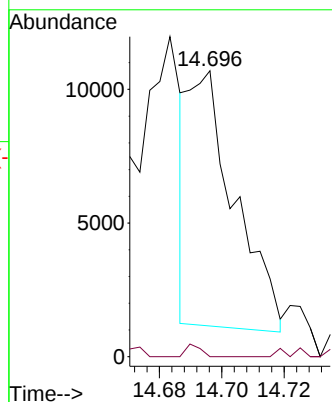
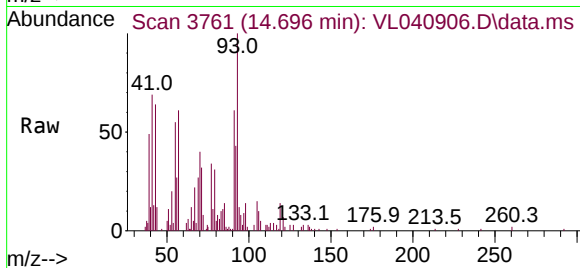




#71
2-Chlorotoluene
Concen: 0.034 ppbv
RT: 14.696 min Scan# 31
Delta R.T. -0.122 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

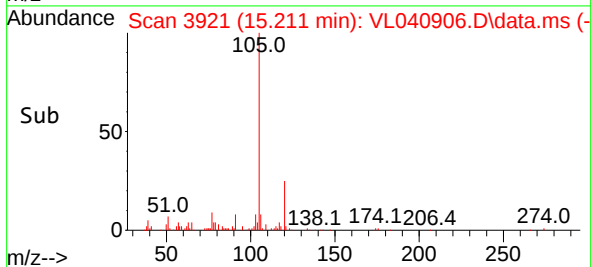
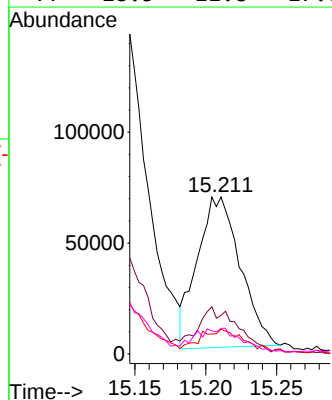
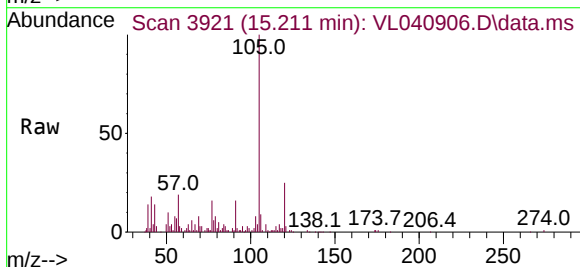
Instrument :
MSVOA_L
ClientSampleId :

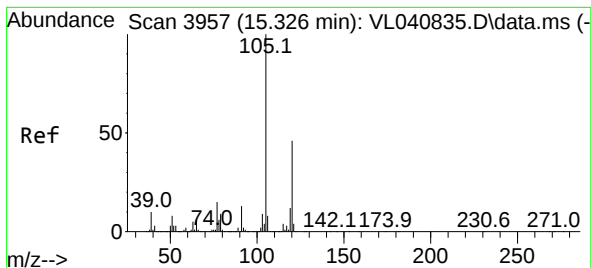
Tgt Ion: 91 Resp: 9826
Ion Ratio Lower Upper
91 100
126 9.8 12.1 48.5#



#72
4-Ethyltoluene
Concen: 0.506 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.006 min
Lab File: VL040906.D
Acq: 27 Nov 2023 13:45

Tgt Ion: 105 Resp: 143933
Ion Ratio Lower Upper
105 100
120 31.6 24.5 36.7
91 18.0 10.6 16.0#
77 18.5 11.8 17.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.211 ppbv

RT: 15.368 min Scan# 3957

Delta R.T. 0.003 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Instrument :

MSVOA_L

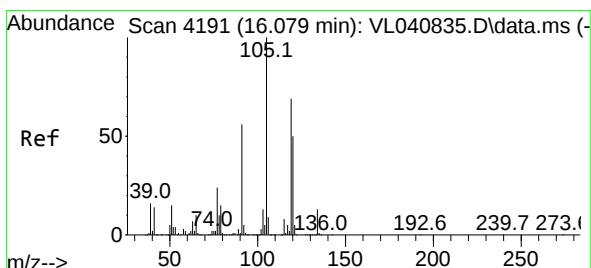
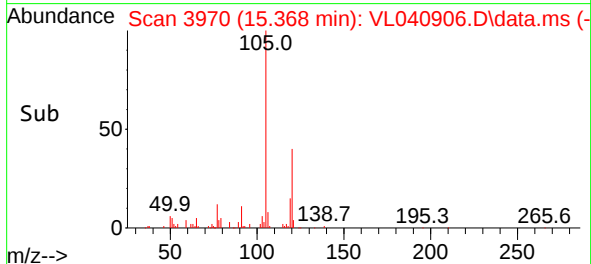
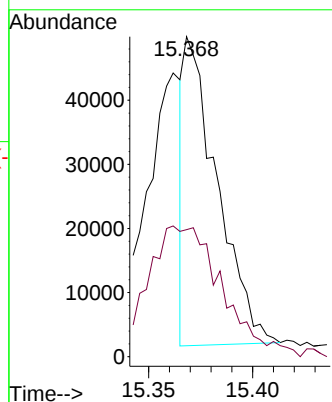
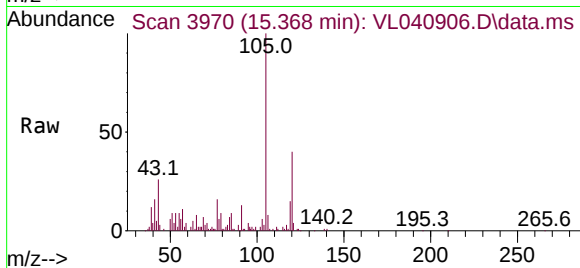
ClientSampleId :

Tgt Ion:105 Resp: 53126

Ion Ratio Lower Upper

105 100

120 42.3 36.8 55.2



#74

1,2,4-Trimethylbenzene

Concen: 0.541 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.006 min

Lab File: VL040906.D

Acq: 27 Nov 2023 13:45

Tgt Ion:105 Resp: 151992

Ion Ratio Lower Upper

105 100

120 35.3 40.2 60.2#

91 11.4 45.7 68.5#

77 15.3 19.2 28.8#

