

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
 Data File : VL041707.D
 Acq On : 20 Nov 2024 19:54
 Operator : SY/MD
 Sample : P4911-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 21 05:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

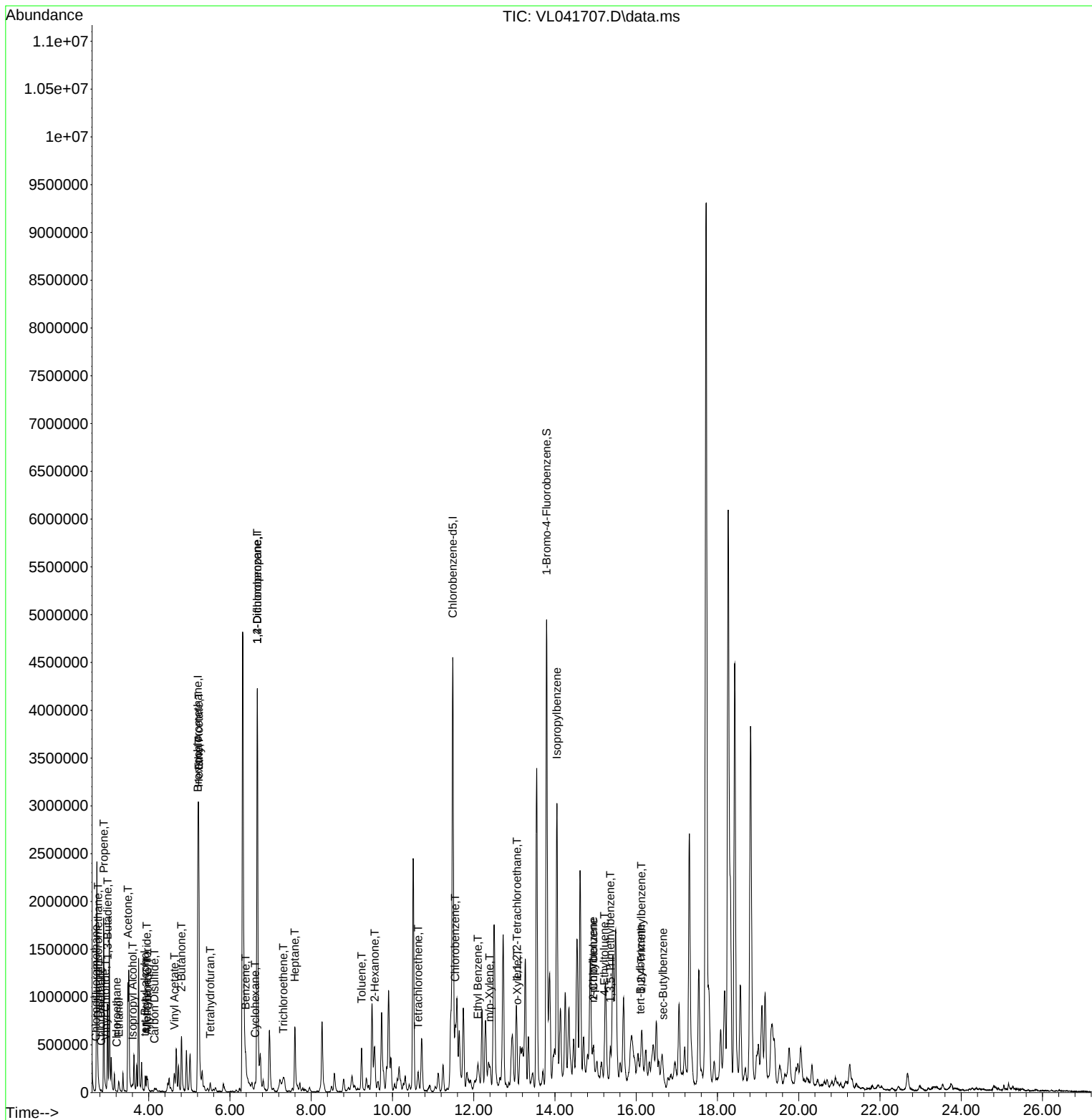
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

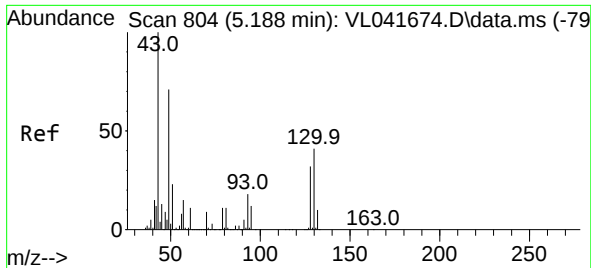
Internal Standards						
1) Bromochloromethane	5.211	49	1143777	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	3164695	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2967922	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	2294765	10.494	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	68706	0.332	ppbv	99
3) Chlorodifluoromethane	2.696	51	32731	0.220	ppbv #	92
4) Chloromethane	2.832	50	8830	0.112	ppbv #	78
5) Vinyl Chloride	2.938	62	8732	0.123	ppbv	93
7) Chloroethane	3.214	64	980	0.038	ppbv	99
9) Propene	2.893	41	442112	6.808	ppbv	96
10) Heptane	7.597	43	266401	1.831	ppbv	100
13) Ethanol	3.262	45	118946	29.915	ppbv	93
15) Acetone	3.487	43	1445928	10.272	ppbv	98
16) 1,3-Butadiene	2.986	39	229145	3.226	ppbv #	25
17) tert-Butyl alcohol	3.909	59	10006	0.081	ppbv #	72
19) Isopropyl Alcohol	3.603	45	60144	0.894	ppbv #	91
20) Methylene Chloride	3.950	84	45641	0.881	ppbv	90
21) Allyl Chloride	3.973	41	13301	0.153	ppbv #	6
23) Vinyl Acetate	4.635	43	73511	1.185	ppbv #	36
25) Ethyl Acetate	5.230	43	600796	2.062	ppbv #	76
26) Hexane	5.233	57	832649	7.438	ppbv #	33
27) Carbon Disulfide	4.143	76	21142	0.168	ppbv #	61
30) Cyclohexane	6.619	84	17053	0.179	ppbv #	1
34) 2-Butanone	4.806	43	671645	4.262	ppbv	99
36) Benzene	6.388	78	113288	0.483	ppbv	96
38) Trichloroethene	7.314	130	6907	0.077	ppbv #	78
39) 1,2-Dichloropropane	6.674	63	782965	8.450	ppbv #	24
41) Tetrahydrofuran	5.513	42	15780	0.175	ppbv #	39
51) 2-Hexanone	9.561	43	364614	2.070	ppbv #	68
52) Tetrachloroethene	10.635	164	21336	0.267	ppbv	95
53) Toluene	9.240	91	318074	1.290	ppbv	100
57) Chlorobenzene	11.545	112	10792	0.049	ppbv #	51
58) Ethyl Benzene	12.104	91	67763	0.208	ppbv	96
59) m/p-Xylene	12.387	91	14064	0.048	ppbv #	30
60) o-Xylene	13.072	91	43127	0.155	ppbv	73
62) Isopropylbenzene	14.047	105	2648338	6.172	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	7842	0.038	ppbv #	25
64) n-propylbenzene	14.937	120	6326	0.056	ppbv #	1
65) tert-Butylbenzene	16.104	119	75862	0.197	ppbv	91
67) sec-Butylbenzene	16.657	105	25801	0.047	ppbv #	88
71) 2-Chlorotoluene	14.944	91	24986	0.081	ppbv	95
72) 4-Ethyltoluene	15.217	105	10437	0.032	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.365	105	32012	0.113	ppbv	99
74) 1,2,4-Trimethylbenzene	16.124	105	89468	0.272	ppbv #	89

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

Instrument :
MSVOA_L
ClientSampleId :

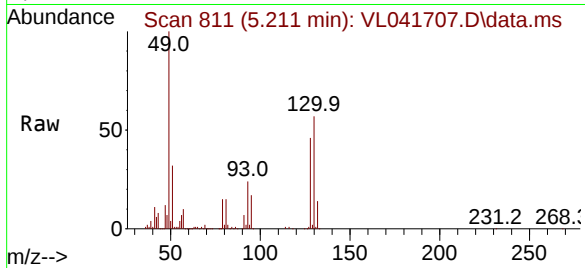
Quant Time: Nov 21 05:15:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Nov 08 01:01:00 2024
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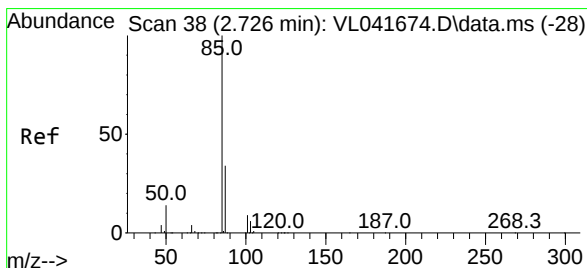
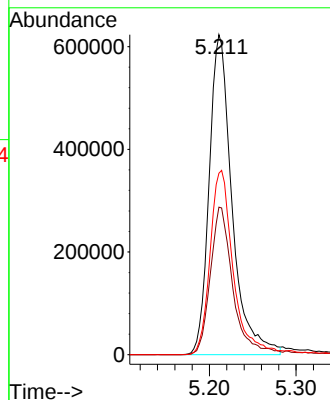
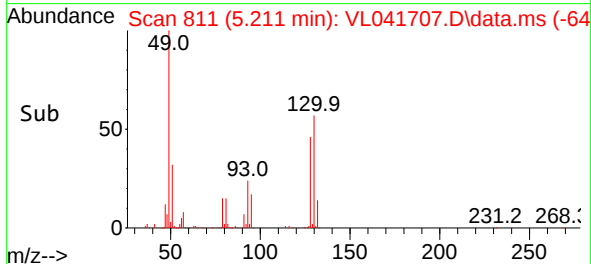


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.211 min Scan# 81
 Delta R.T. 0.023 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

Instrument :
 MSVOA_L
 ClientSampleId :

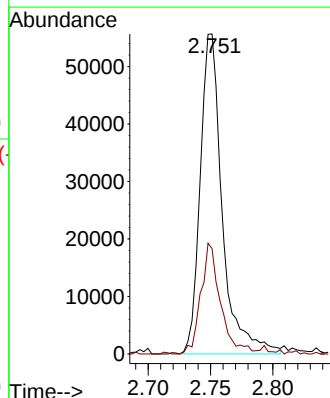
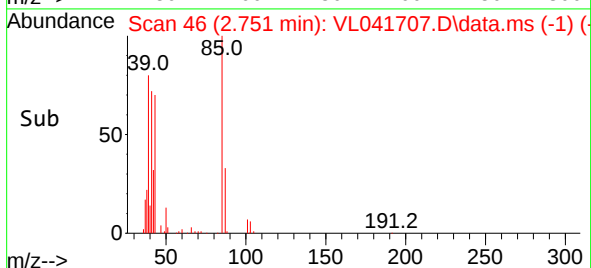
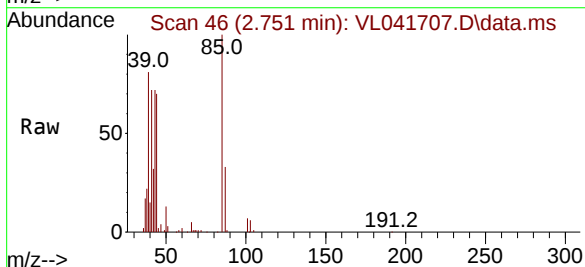


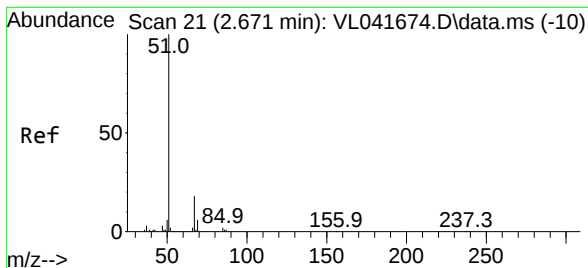
Tgt Ion: 49 Resp: 1143777
 Ion Ratio Lower Upper
 49 100
 128 47.0 23.8 71.2
 130 59.9 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.332 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.026 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

Tgt Ion: 85 Resp: 68706
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.8 40.2

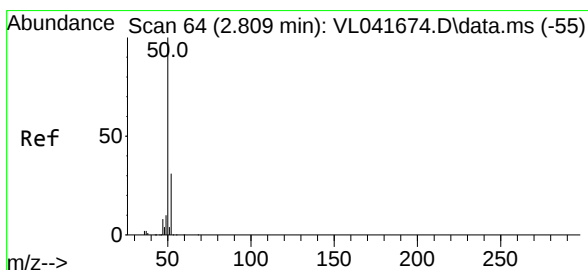
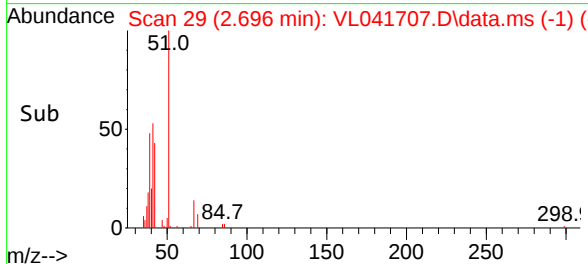
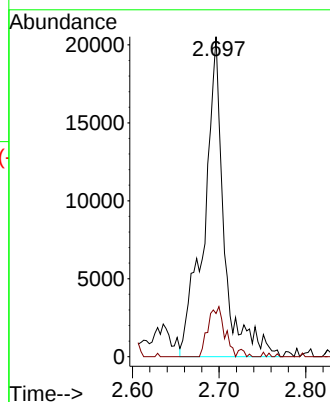
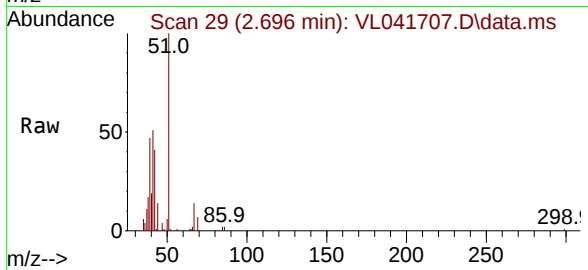




#3
Chlorodifluoromethane
Concen: 0.220 ppbv
RT: 2.696 min Scan# 29
Delta R.T. 0.026 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

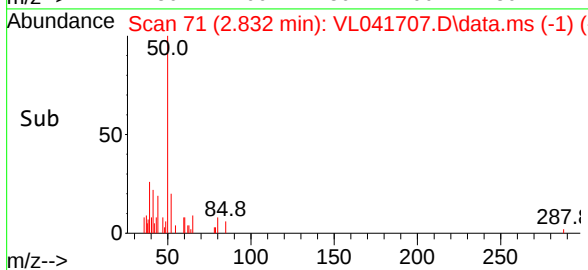
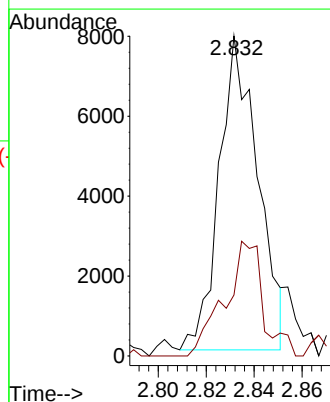
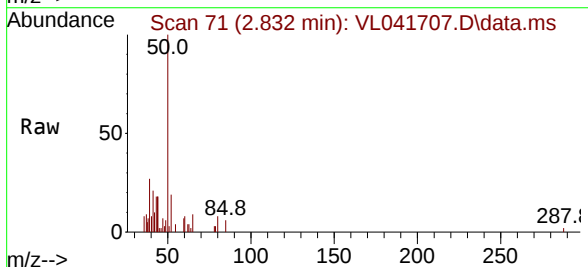
Instrument :
MSVOA_L
ClientSampleId :

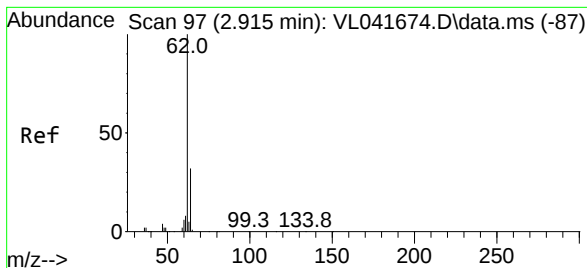
Tgt Ion: 51 Resp: 32731
Ion Ratio Lower Upper
51 100
67 13.7 13.9 20.9#



#4
Chloromethane
Concen: 0.112 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.022 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

Tgt Ion: 50 Resp: 8830
Ion Ratio Lower Upper
50 100
52 18.8 24.9 37.3#

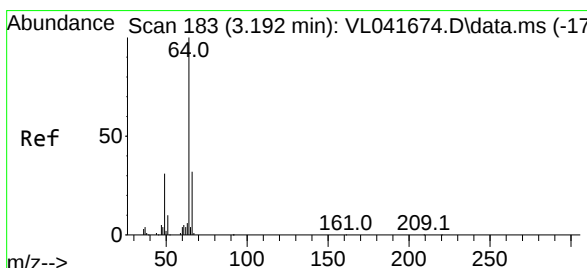
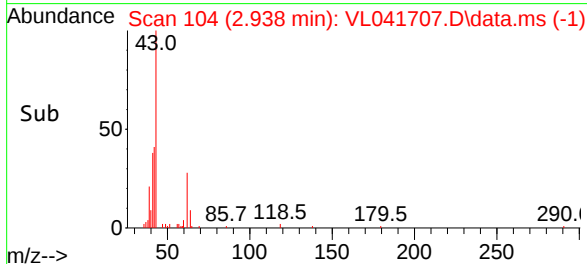
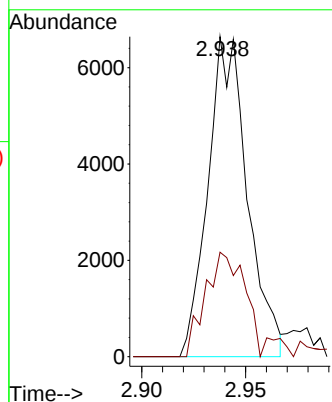
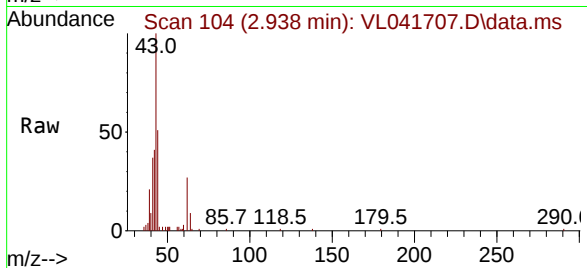




#5
 Vinyl Chloride
 Concen: 0.123 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.022 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

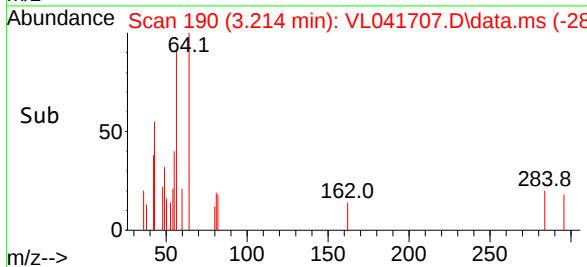
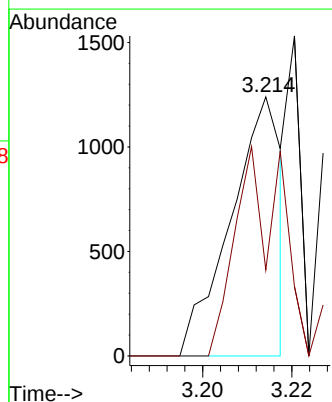
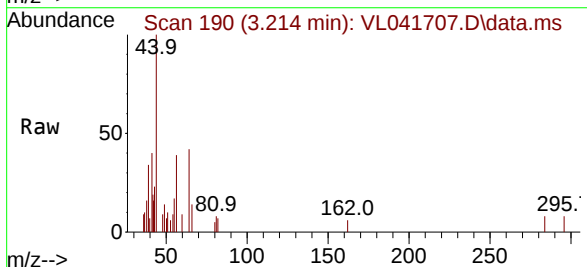
Instrument :
 MSVOA_L
 ClientSampleId :

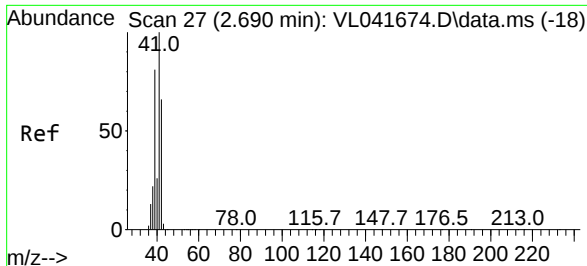
Tgt Ion: 62 Resp: 8732
 Ion Ratio Lower Upper
 62 100
 64 35.6 25.4 38.2



#7
 Chloroethane
 Concen: 0.038 ppbv
 RT: 3.214 min Scan# 190
 Delta R.T. 0.022 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

Tgt Ion: 64 Resp: 980
 Ion Ratio Lower Upper
 64 100
 66 33.2 25.9 38.9

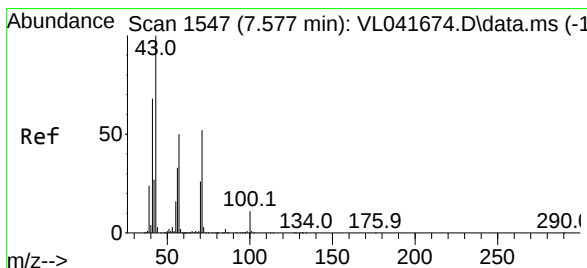
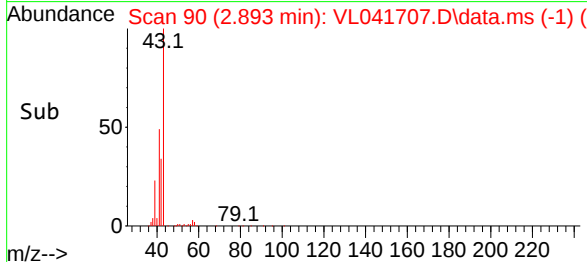
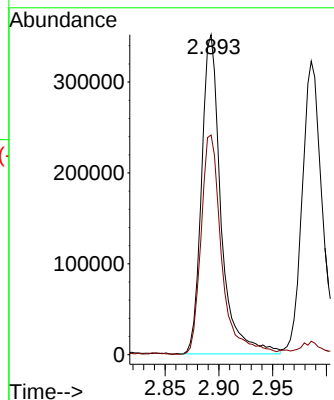
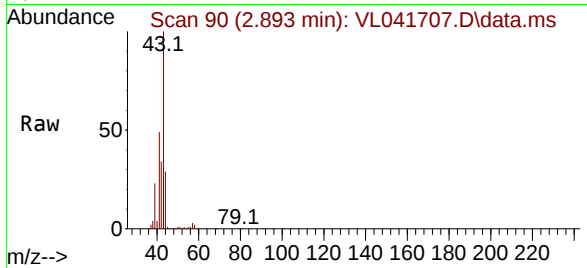




#9
Propene
Concen: 6.808 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.202 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

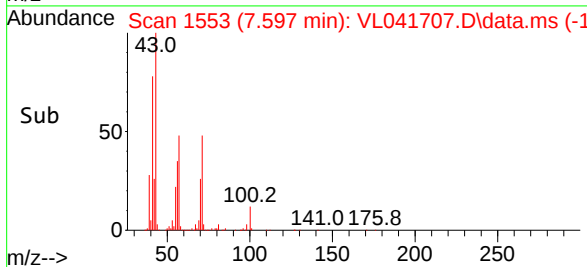
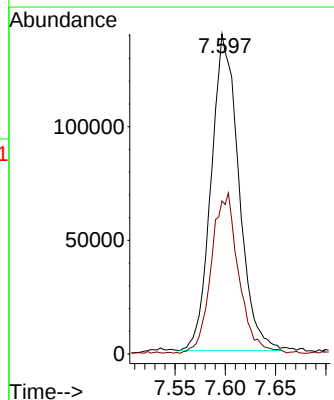
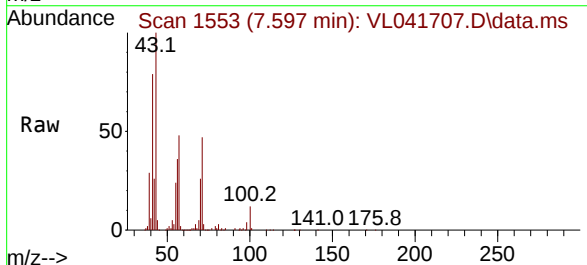
Instrument :
MSVOA_L
ClientSampleId :

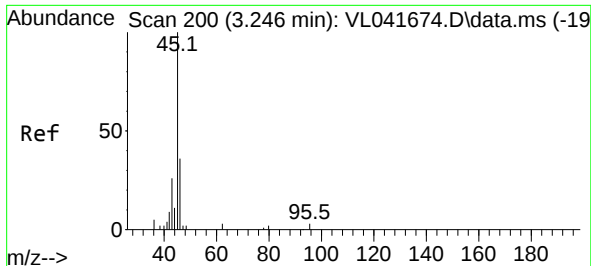
Tgt Ion: 41 Resp: 442112
Ion Ratio Lower Upper
41 100
42 72.2 55.0 82.4



#10
Heptane
Concen: 1.831 ppbv
RT: 7.597 min Scan# 1553
Delta R.T. 0.019 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

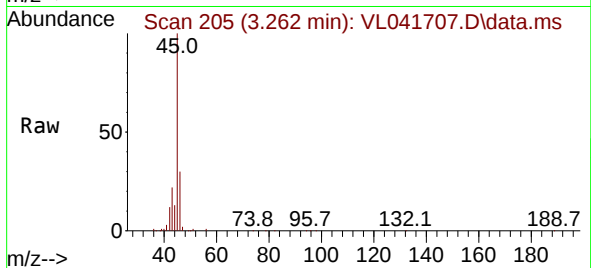
Tgt Ion: 43 Resp: 266401
Ion Ratio Lower Upper
43 100
57 50.1 40.0 60.0



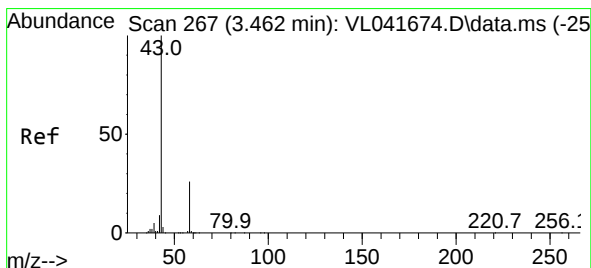
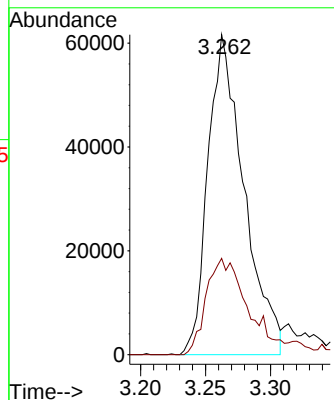
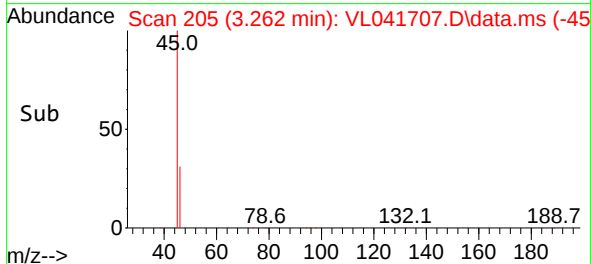


#13
Ethanol
Concen: 29.915 ppbv
RT: 3.262 min Scan# 205
Delta R.T. 0.016 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

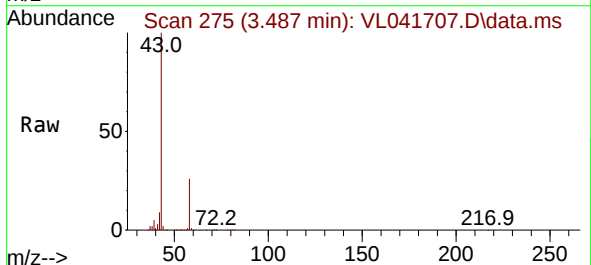
Instrument :
MSVOA_L
ClientSampleId :



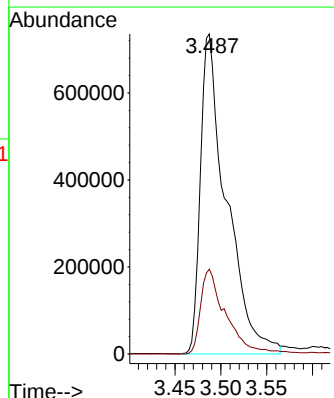
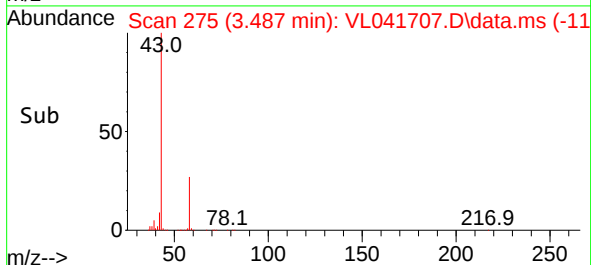
Tgt Ion: 45 Resp: 118946
Ion Ratio Lower Upper
45 100
46 38.4 13.8 55.2

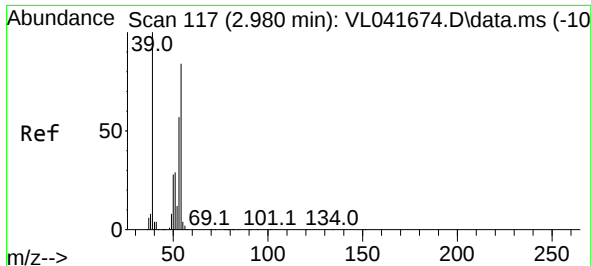


#15
Acetone
Concen: 10.272 ppbv
RT: 3.487 min Scan# 275
Delta R.T. 0.026 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54



Tgt Ion: 43 Resp: 1445928
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.0





#16

1,3-Butadiene

Concen: 3.226 ppbv

RT: 2.986 min Scan# 117

Delta R.T. 0.006 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

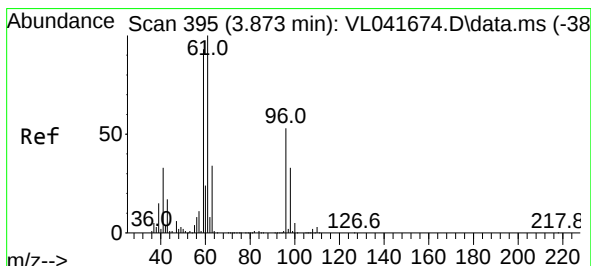
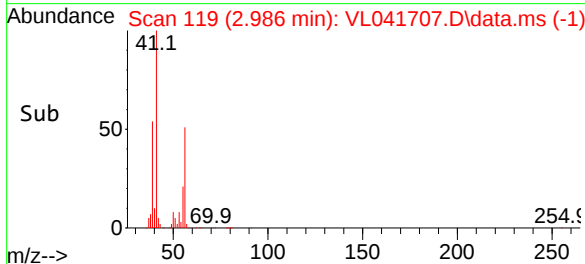
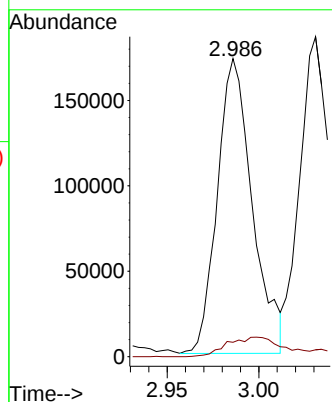
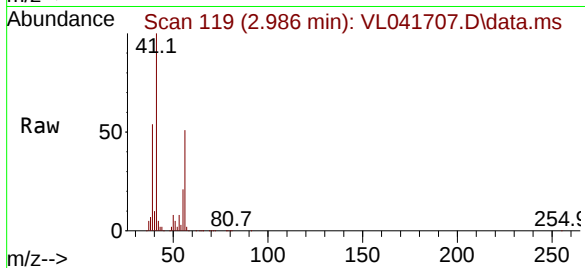
ClientSampleId :

Tgt Ion: 39 Resp: 229145

Ion Ratio Lower Upper

39 100

54 12.1 61.3 91.9#



#17

tert-Butyl alcohol

Concen: 0.081 ppbv

RT: 3.909 min Scan# 406

Delta R.T. 0.035 min

Lab File: VL041707.D

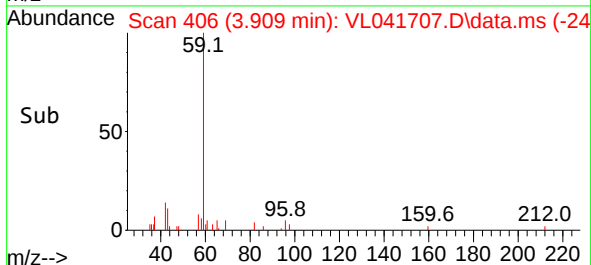
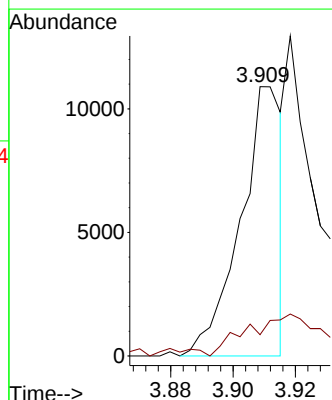
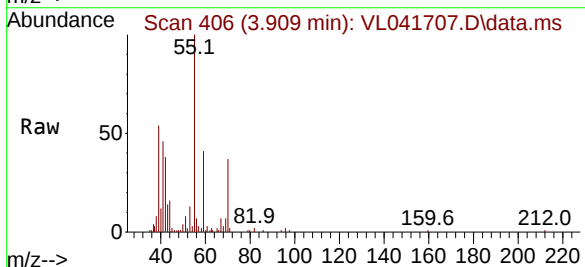
Acq: 20 Nov 2024 19:54

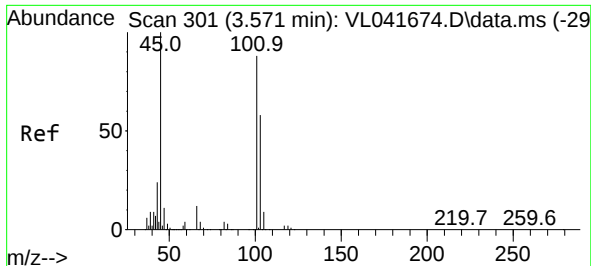
Tgt Ion: 59 Resp: 10006

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#19

Isopropyl Alcohol

Concen: 0.894 ppbv

RT: 3.603 min Scan# 311

Delta R.T. 0.032 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

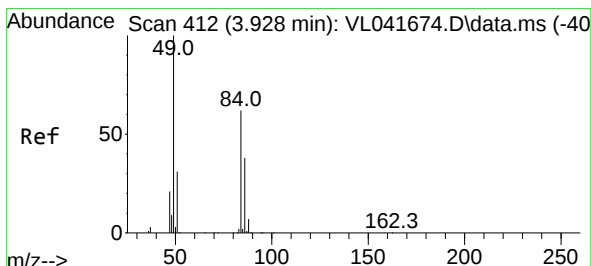
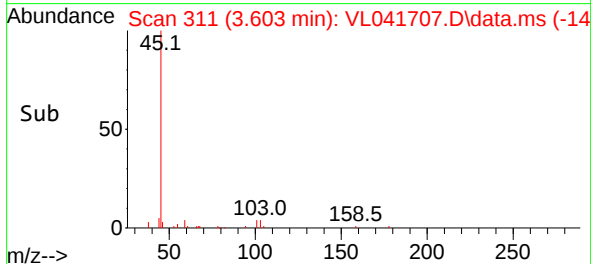
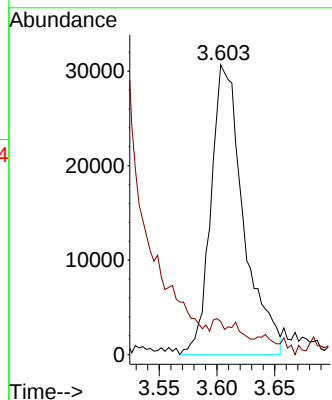
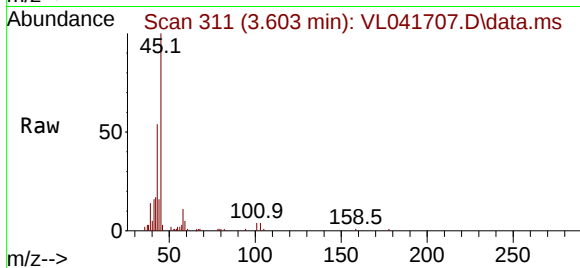
ClientSampleId :

Tgt Ion: 45 Resp: 60144

Ion Ratio Lower Upper

45 100

58 0.0 2.5 3.7#



#20

Methylene Chloride

Concen: 0.881 ppbv

RT: 3.950 min Scan# 419

Delta R.T. 0.022 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Tgt Ion: 84 Resp: 45641

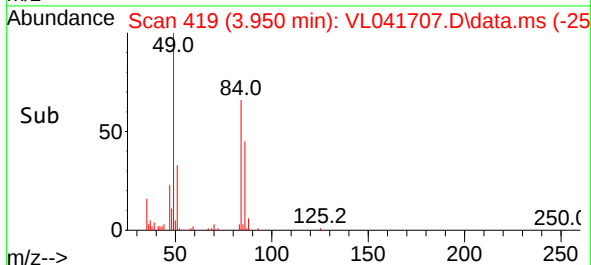
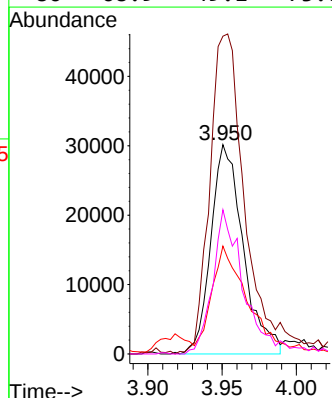
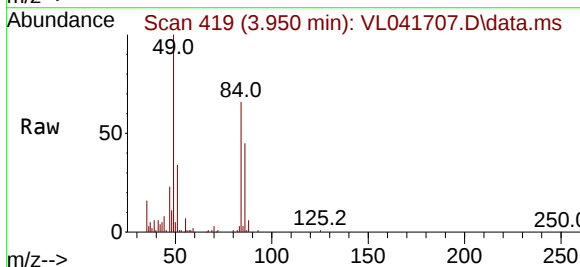
Ion Ratio Lower Upper

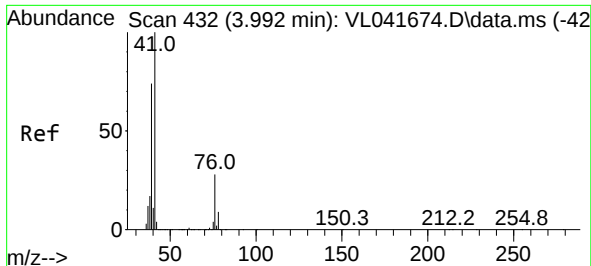
84 100

49 146.7 129.7 194.5

51 46.1 39.8 59.6

86 68.9 49.1 73.7





#21

Allyl Chloride

Concen: 0.153 ppbv

RT: 3.973 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

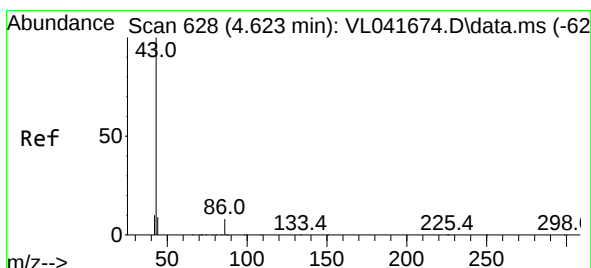
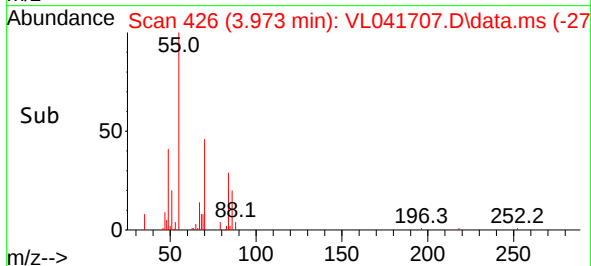
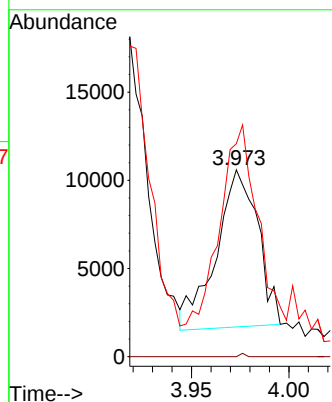
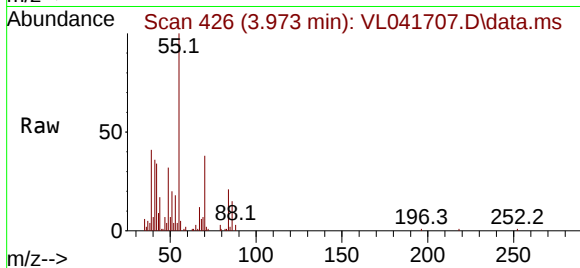
Tgt Ion: 41 Resp: 13301

Ion Ratio Lower Upper

41 100

76 0.0 23.5 35.3#

39 173.9 63.0 94.4#



#23

Vinyl Acetate

Concen: 1.185 ppbv

RT: 4.635 min Scan# 632

Delta R.T. 0.013 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Tgt Ion: 43 Resp: 73511

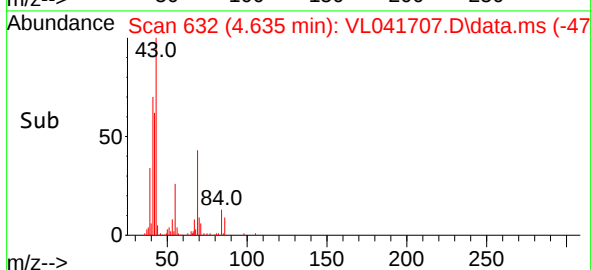
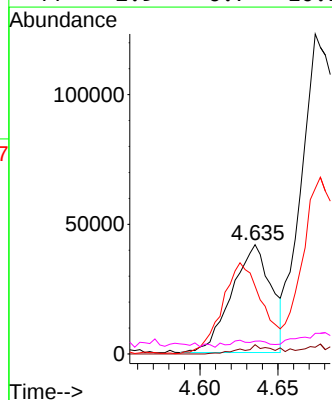
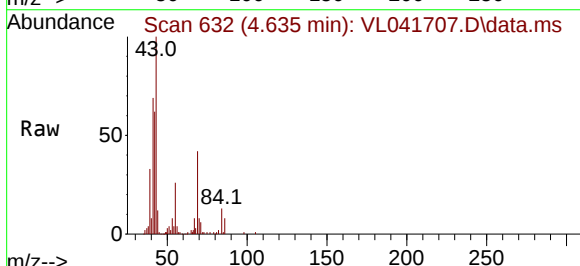
Ion Ratio Lower Upper

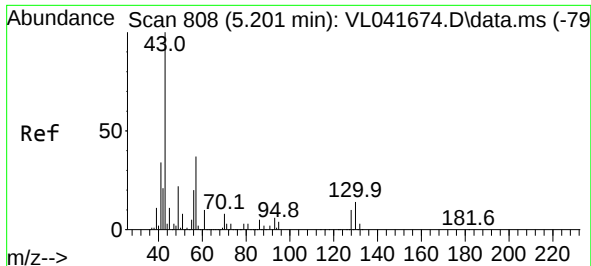
43 100

86 8.6 5.3 7.9#

42 62.4 8.5 12.7#

44 2.9 6.7 10.1#

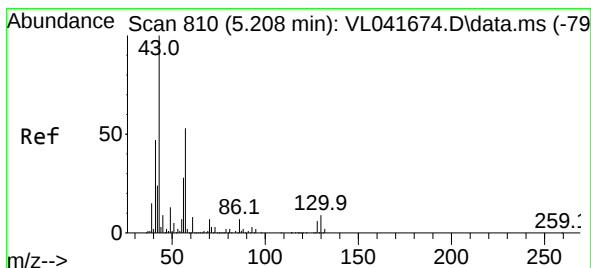
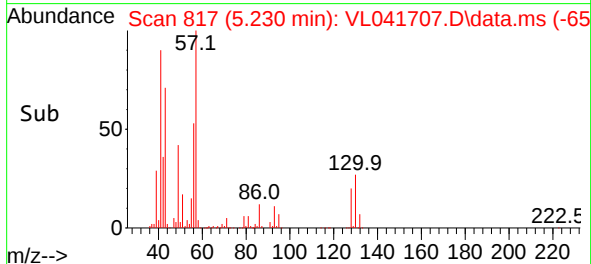
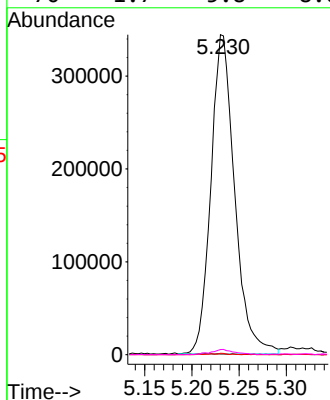
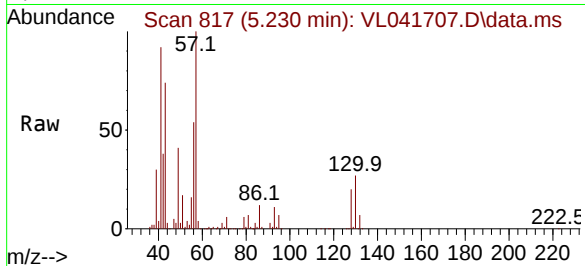




#25
Ethyl Acetate
Concen: 2.062 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.029 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

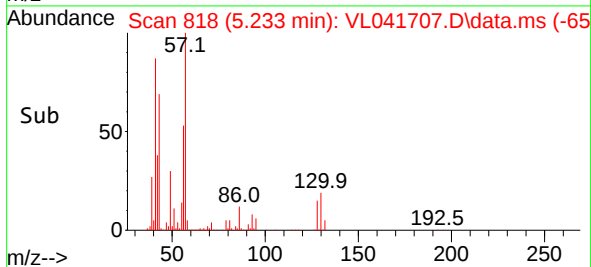
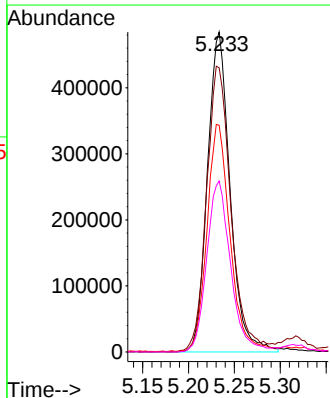
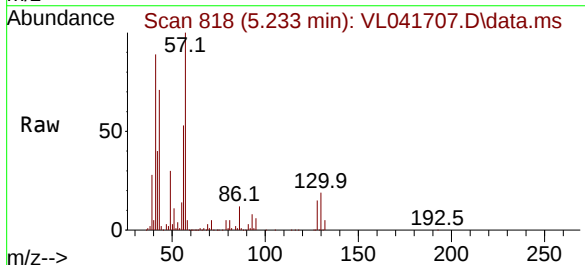
Instrument :
MSVOA_L
ClientSampleId :

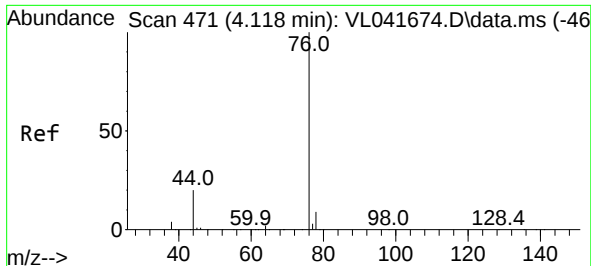
Tgt Ion: 43 Resp: 600796
Ion Ratio Lower Upper
43 100
45 0.4 8.6 13.0#
61 0.4 8.4 12.6#
70 1.7 5.8 8.6#



#26
Hexane
Concen: 7.438 ppbv
RT: 5.233 min Scan# 818
Delta R.T. 0.026 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

Tgt Ion: 57 Resp: 832649
Ion Ratio Lower Upper
57 100
41 96.3 76.1 114.1
43 72.7 207.0 310.6#
56 56.6 43.7 65.5

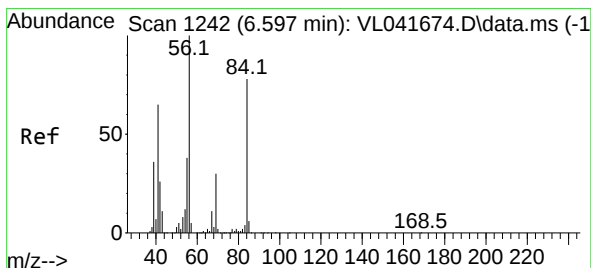
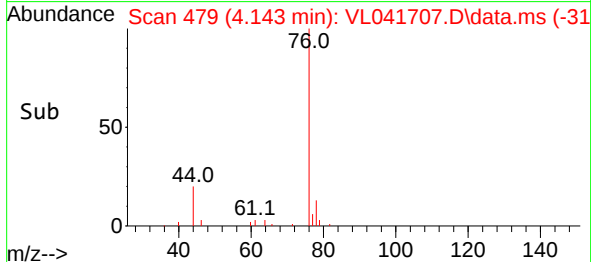
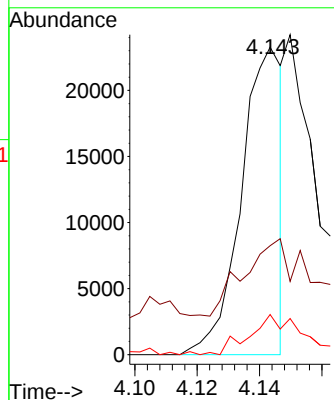
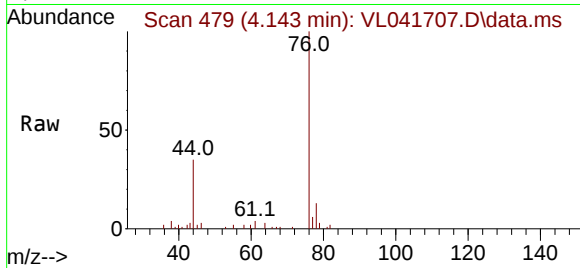




#27
Carbon Disulfide
Concen: 0.168 ppbv
RT: 4.143 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

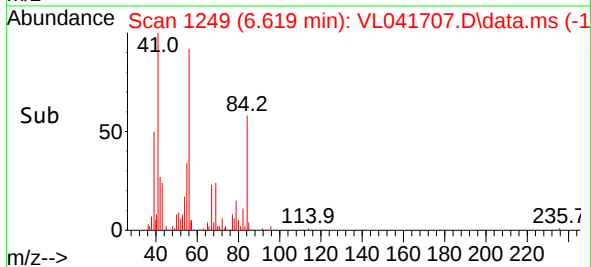
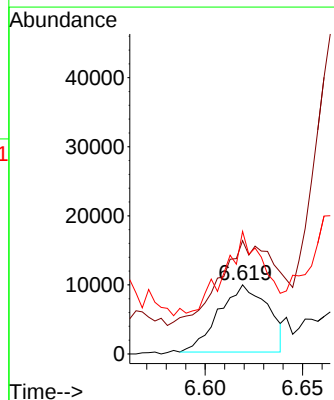
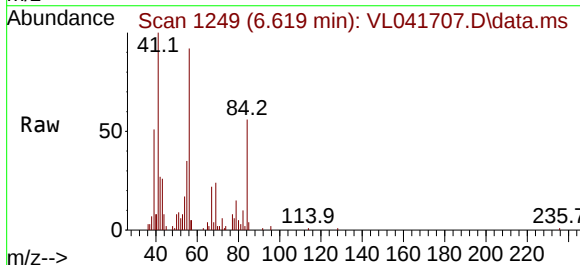
Instrument :
MSVOA_L
ClientSampleId :

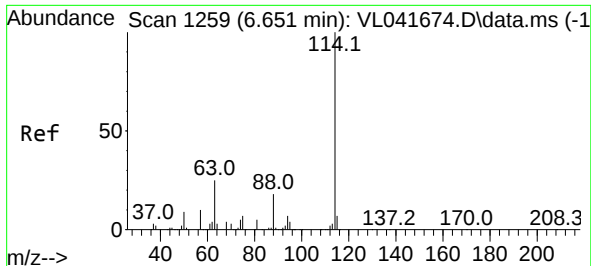
Tgt Ion: 76 Resp: 21142
Ion Ratio Lower Upper
76 100
44 0.0 15.8 23.8#
78 20.0 7.5 11.3#



#30
Cyclohexane
Concen: 0.179 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. 0.022 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

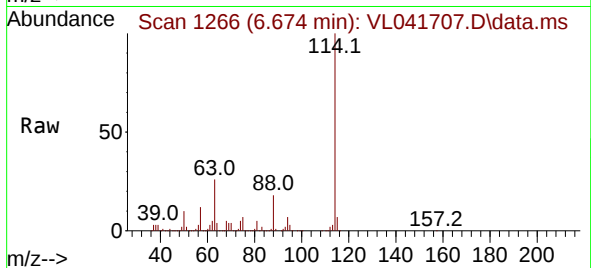
Tgt Ion: 84 Resp: 17053
Ion Ratio Lower Upper
84 100
56 0.0 110.8 166.2#
41 0.0 70.0 105.0#





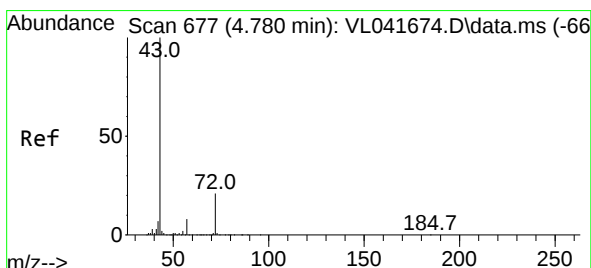
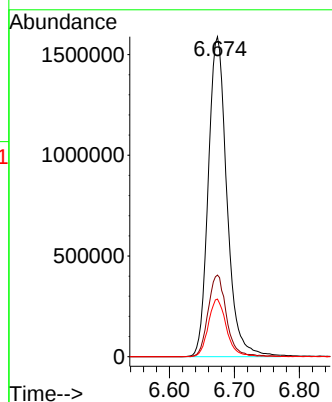
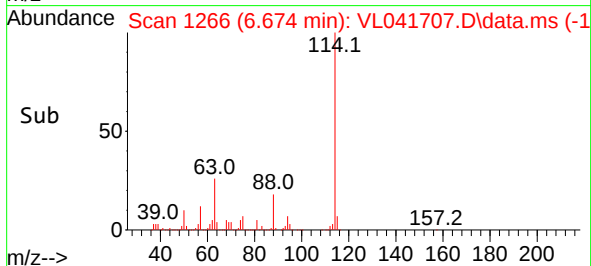
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.674 min Scan# 11
 Delta R.T. 0.022 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:114 Resp: 3164695

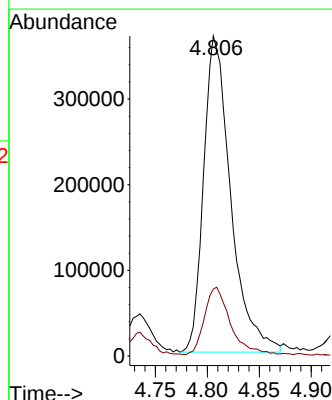
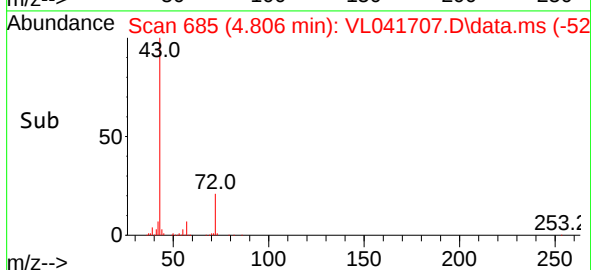
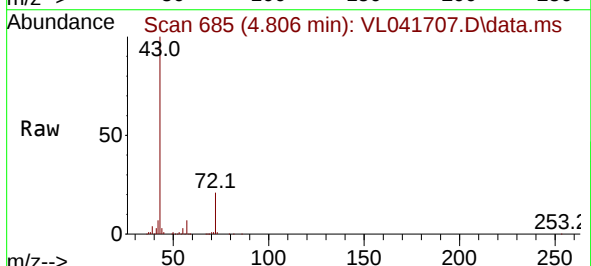
Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.3	30.5
88	17.7	14.2	21.4

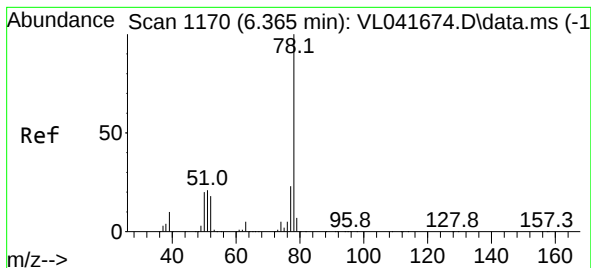


#34
 2-Butanone
 Concen: 4.262 ppbv
 RT: 4.806 min Scan# 685
 Delta R.T. 0.026 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

Tgt Ion: 43 Resp: 671645

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.4	26.0





#36

Benzene

Concen: 0.483 ppbv

RT: 6.388 min Scan# 1177

Delta R.T. 0.022 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

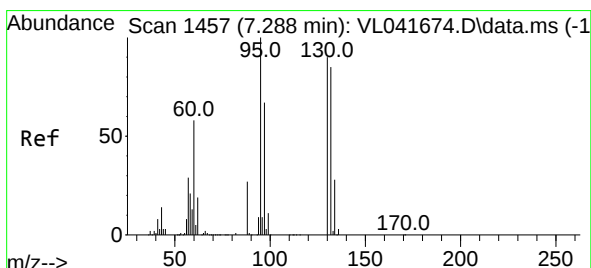
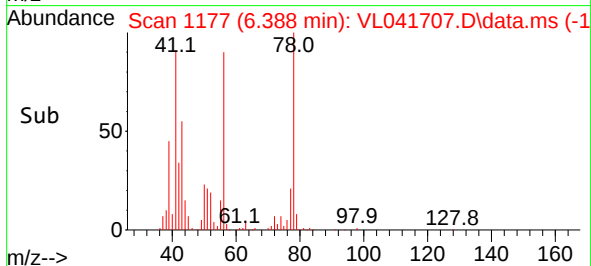
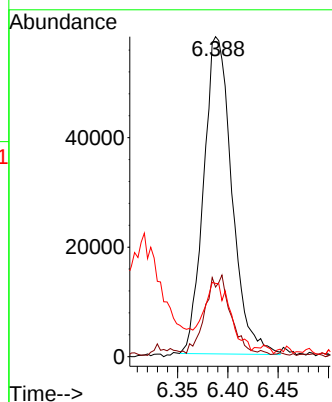
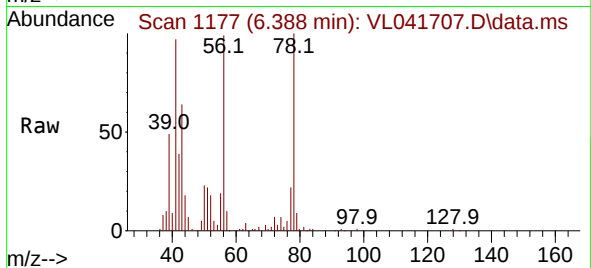
Tgt Ion: 78 Resp: 113288

Ion Ratio Lower Upper

78 100

77 20.4 18.5 27.7

50 20.8 15.6 23.4



#38

Trichloroethene

Concen: 0.077 ppbv

RT: 7.314 min Scan# 1465

Delta R.T. 0.026 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Tgt Ion:130 Resp: 6907

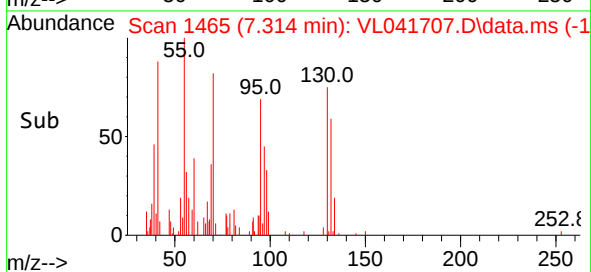
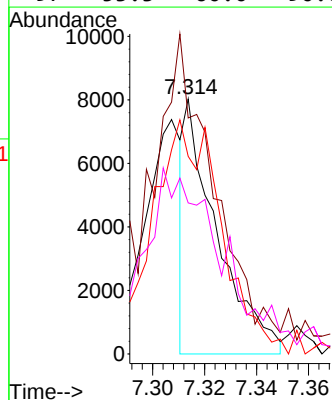
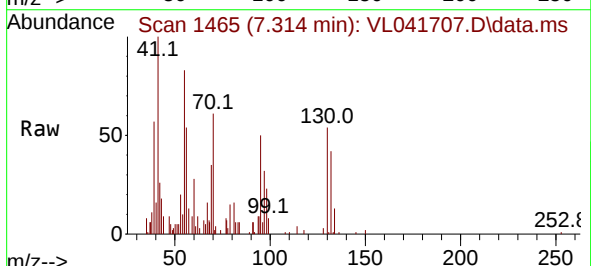
Ion Ratio Lower Upper

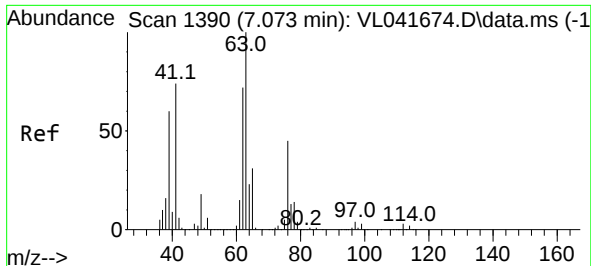
130 100

95 88.4 89.1 133.7#

132 75.3 75.7 113.5#

97 53.3 60.0 90.0#





#39

1,2-Dichloropropane

Concen: 8.450 ppbv

RT: 6.674 min Scan# 11

Delta R.T. -0.399 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

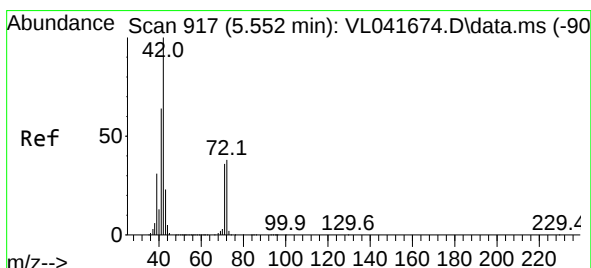
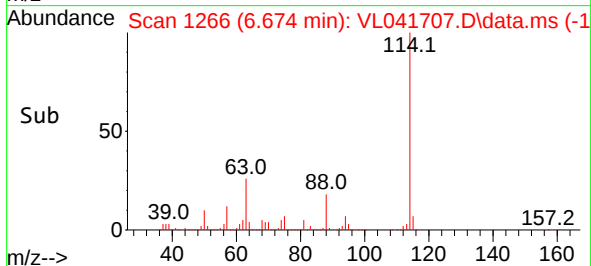
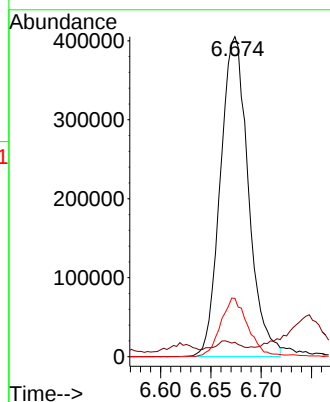
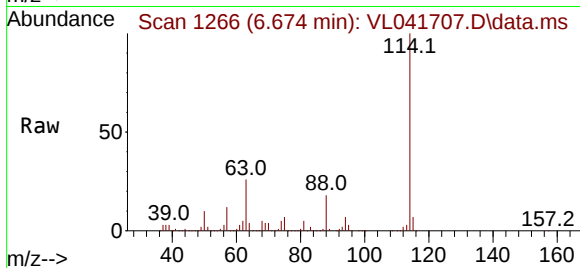
Tgt Ion: 63 Resp: 782965

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 18.3 57.7 86.5#



#41

Tetrahydrofuran

Concen: 0.175 ppbv

RT: 5.513 min Scan# 905

Delta R.T. -0.039 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

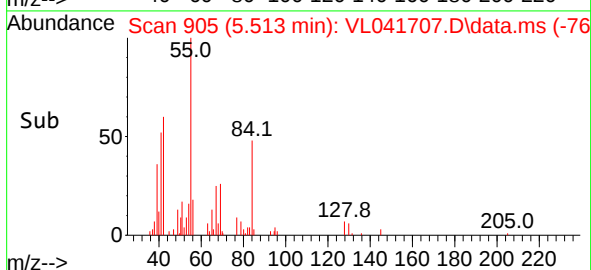
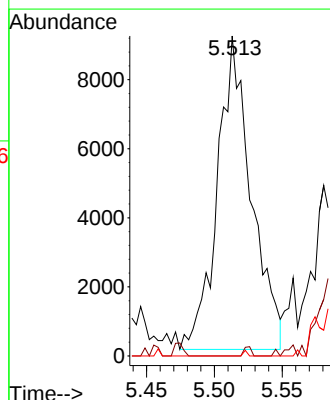
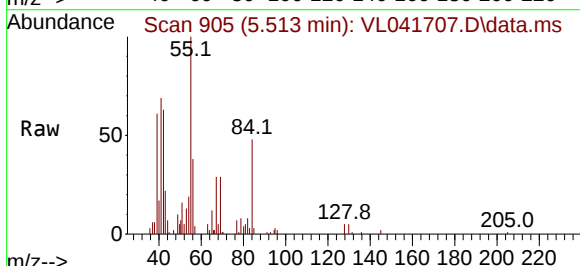
Tgt Ion: 42 Resp: 15780

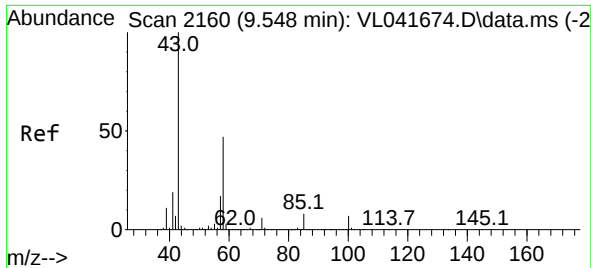
Ion Ratio Lower Upper

42 100

72 1.1 29.8 44.6#

71 0.0 29.4 44.2#

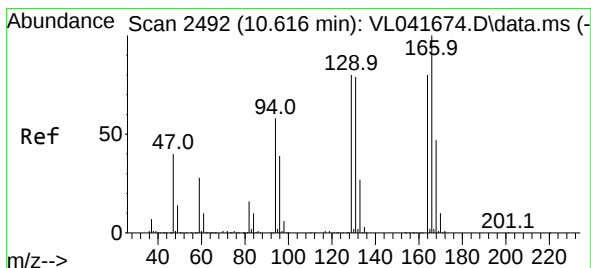
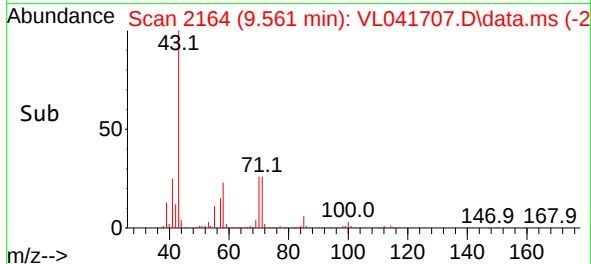
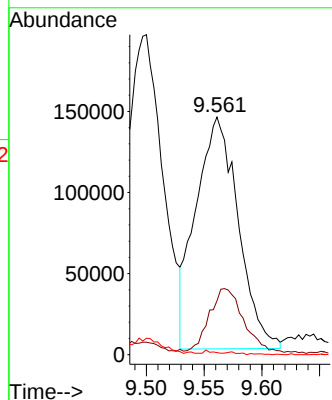
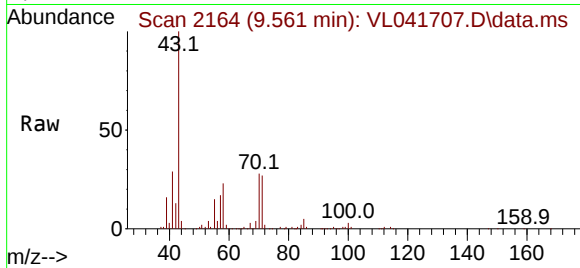




#51
2-Hexanone
Concen: 2.070 ppbv
RT: 9.561 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

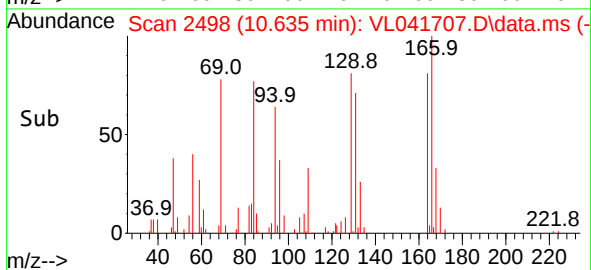
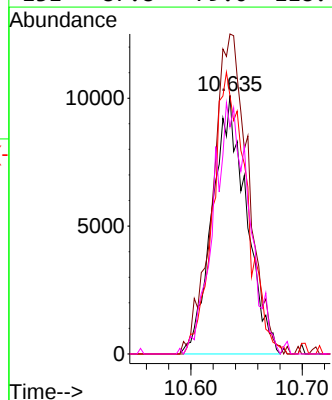
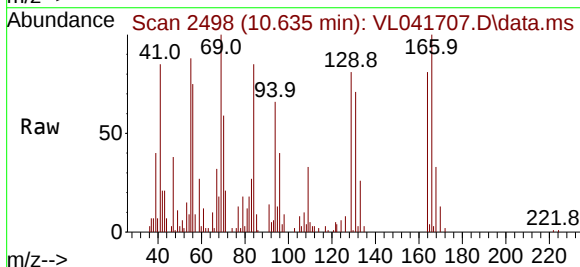
Instrument :
MSVOA_L
ClientSampleId :

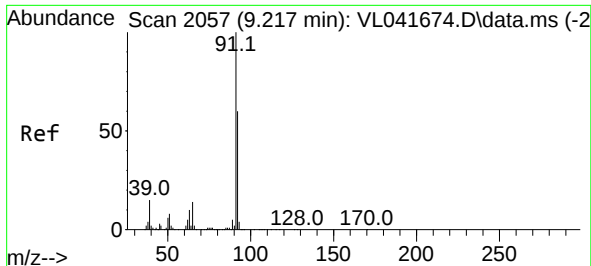
Tgt Ion: 43 Resp: 364614
Ion Ratio Lower Upper
43 100
58 25.0 37.0 55.6#
98 1.3 0.6 0.8#



#52
Tetrachloroethene
Concen: 0.267 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.019 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

Tgt Ion: 164 Resp: 21336
Ion Ratio Lower Upper
164 100
166 123.8 100.2 150.4
129 101.7 79.7 119.5
131 87.8 79.0 118.4

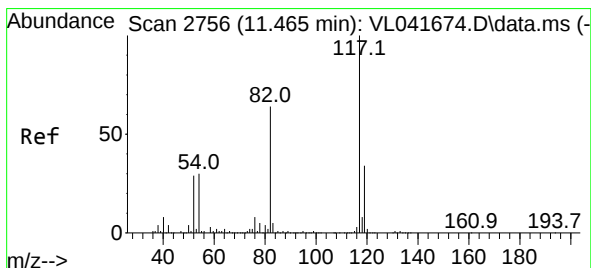
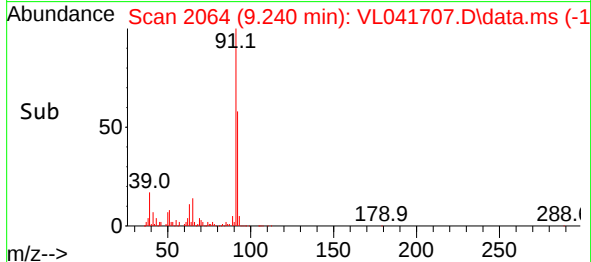
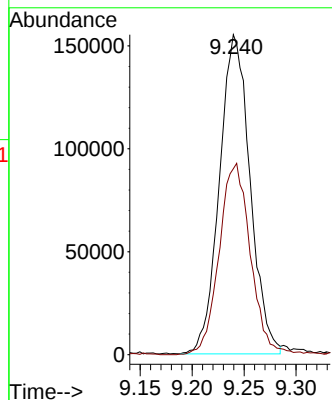
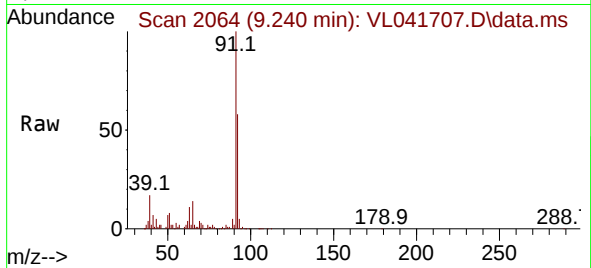




#53
Toluene
Concen: 1.290 ppbv
RT: 9.240 min Scan# 2057
Delta R.T. 0.022 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

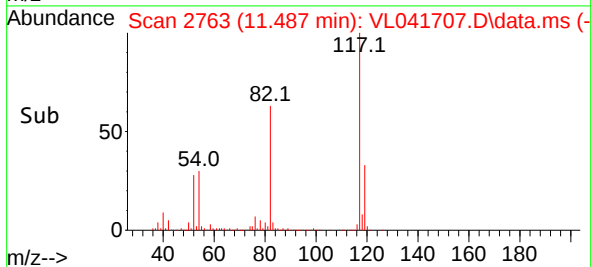
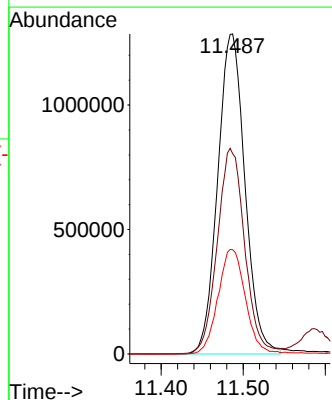
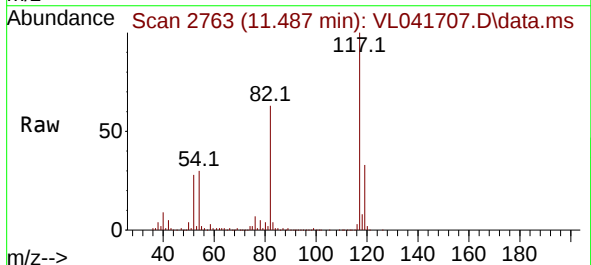
Instrument :
MSVOA_L
ClientSampleId :

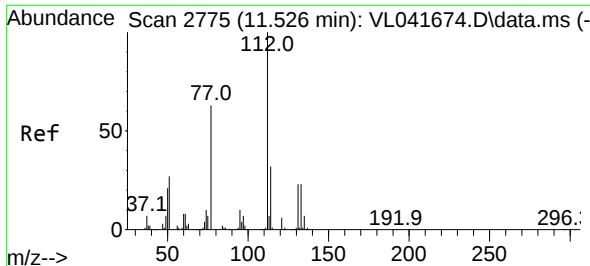
Tgt Ion: 91 Resp: 318074
Ion Ratio Lower Upper
91 100
92 61.5 49.0 73.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.022 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

Tgt Ion: 117 Resp: 2967922
Ion Ratio Lower Upper
117 100
82 65.1 49.8 74.8
119 33.3 24.2 36.4





#57

Chlorobenzene

Concen: 0.049 ppbv

RT: 11.545 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

ClientSampleId :

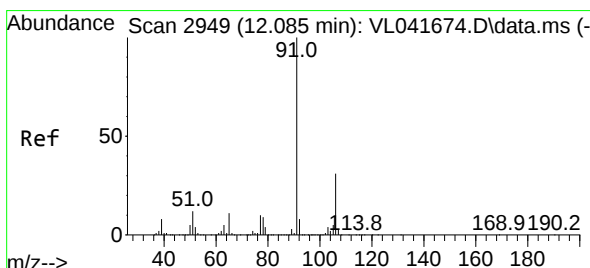
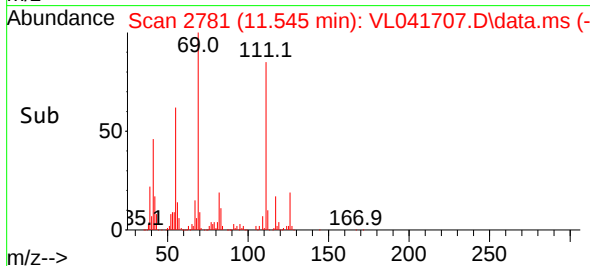
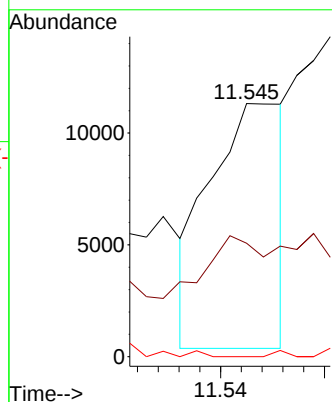
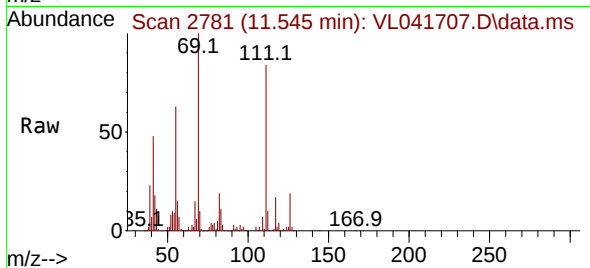
Tgt Ion:112 Resp: 10792

Ion Ratio Lower Upper

112 100

77 28.5 51.4 77.2#

114 0.0 28.4 34.8#



#58

Ethyl Benzene

Concen: 0.208 ppbv

RT: 12.104 min Scan# 2955

Delta R.T. 0.019 min

Lab File: VL041707.D

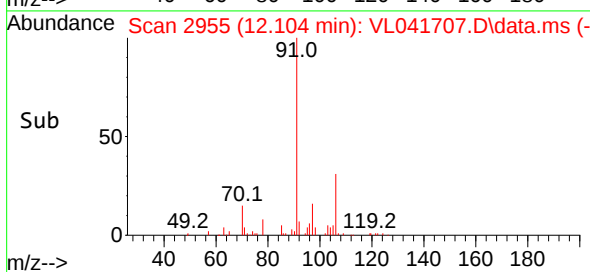
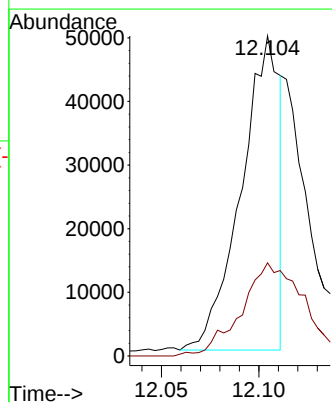
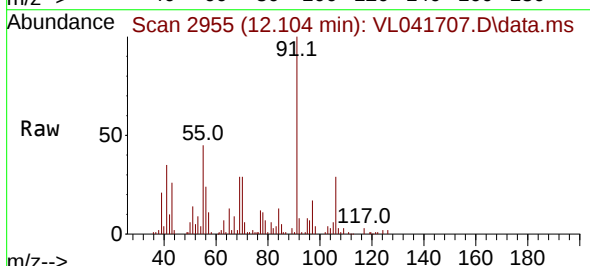
Acq: 20 Nov 2024 19:54

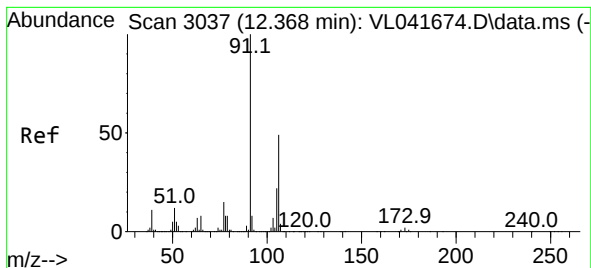
Tgt Ion: 91 Resp: 67763

Ion Ratio Lower Upper

91 100

106 29.1 24.9 37.3

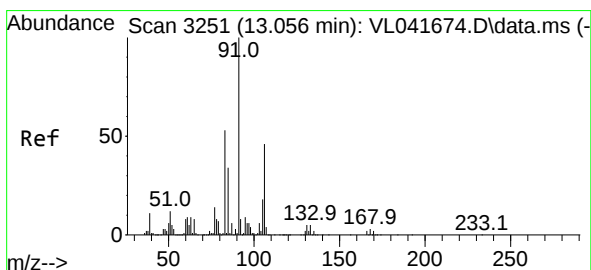
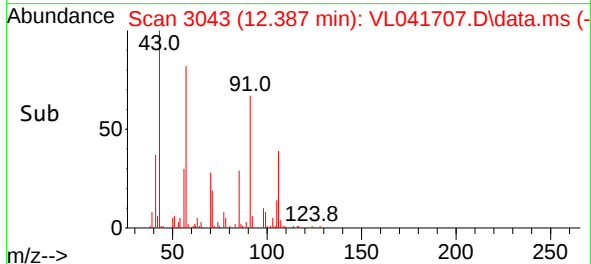
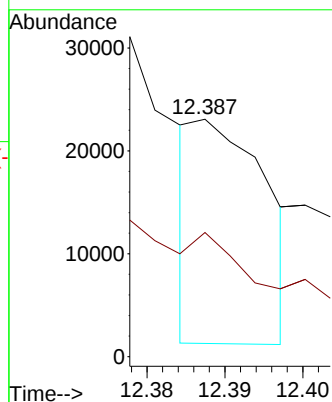
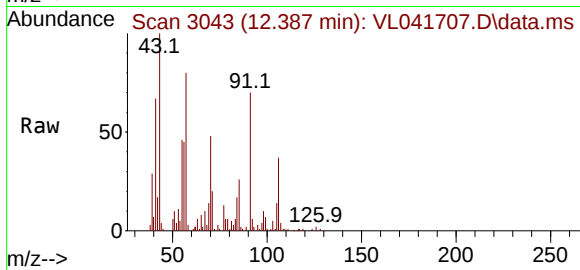




#59
m/p-Xylene
Concen: 0.048 ppbv
RT: 12.387 min Scan# 3037
Delta R.T. 0.019 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

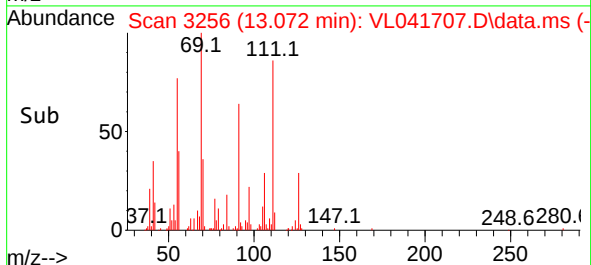
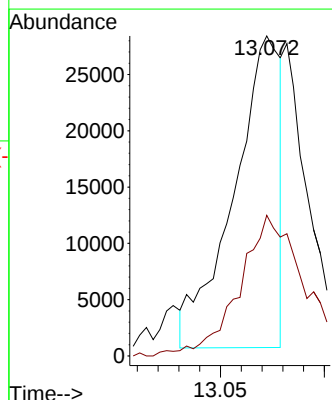
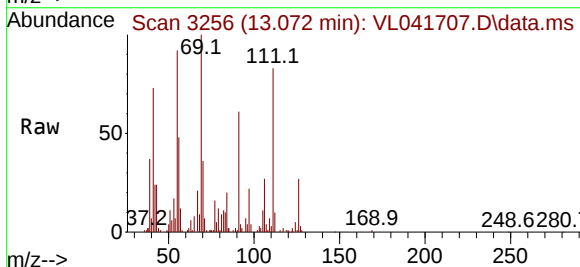
Instrument :
MSVOA_L
ClientSampleId :

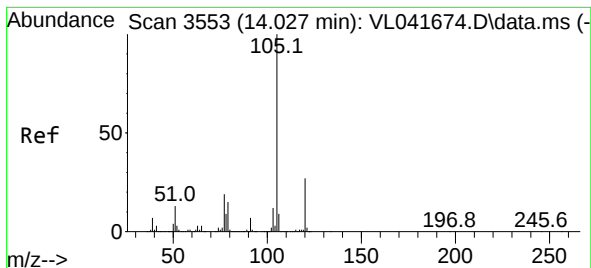
Tgt Ion: 91 Resp: 14064
Ion Ratio Lower Upper
91 100
106 0.0 36.9 55.3#



#60
o-Xylene
Concen: 0.155 ppbv
RT: 13.072 min Scan# 3256
Delta R.T. 0.016 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

Tgt Ion: 91 Resp: 43127
Ion Ratio Lower Upper
91 100
106 64.6 23.2 69.6





#62

Isopropylbenzene

Concen: 6.172 ppbv

RT: 14.047 min Scan# 31

Delta R.T. 0.019 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

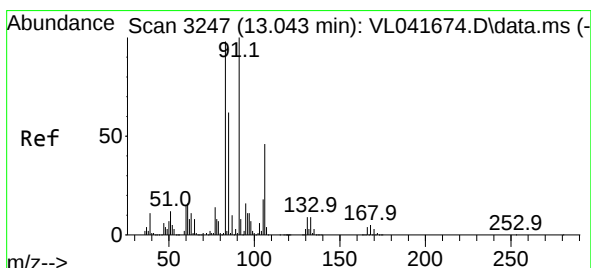
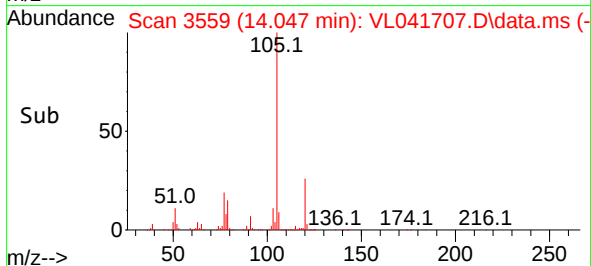
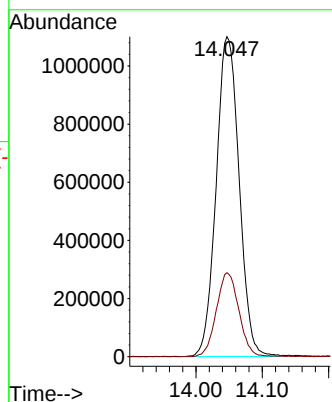
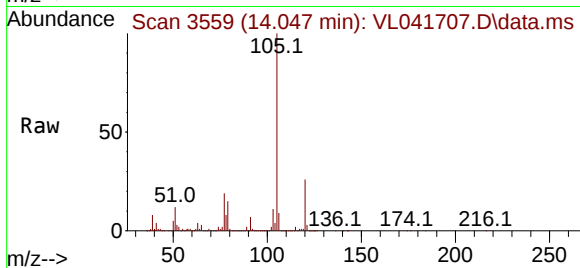
ClientSampleId :

Tgt Ion:105 Resp: 2648338

Ion Ratio Lower Upper

105 100

120 25.9 21.1 31.7



#63

1,1,2,2-Tetrachloroethane

Concen: 0.038 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.019 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

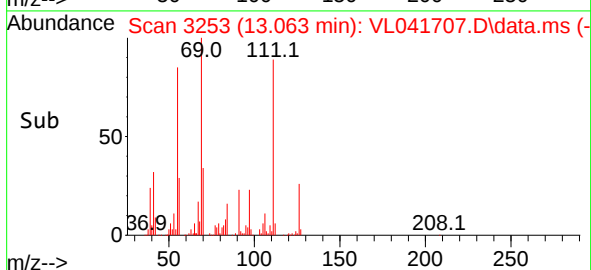
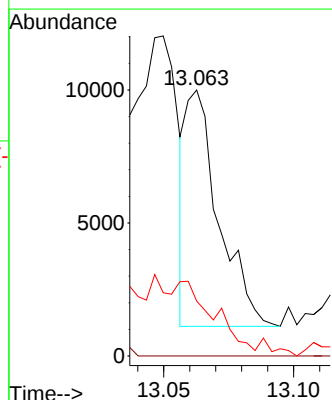
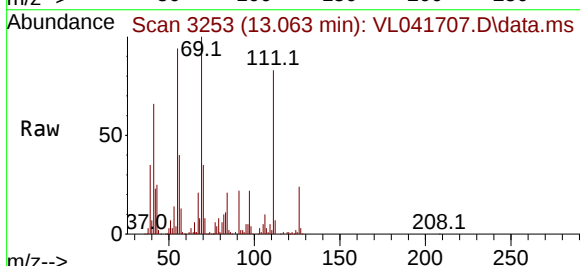
Tgt Ion: 83 Resp: 7842

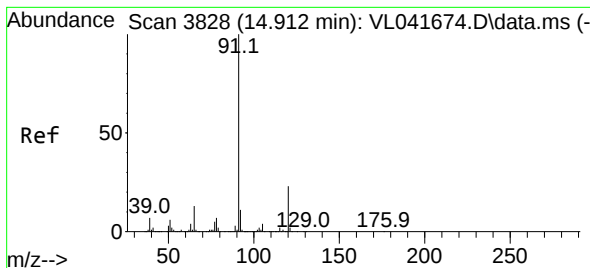
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.6 98.0#





#64

n-propylbenzene

Concen: 0.056 ppbv

RT: 14.937 min Scan# 3836

Delta R.T. 0.026 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

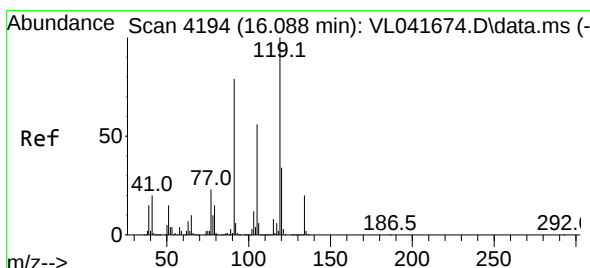
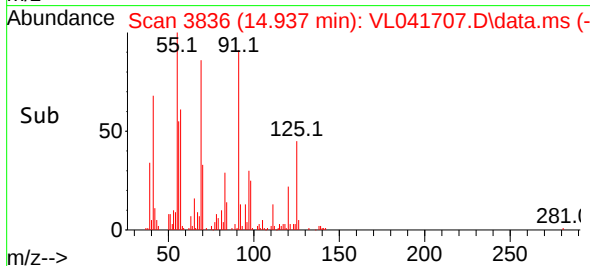
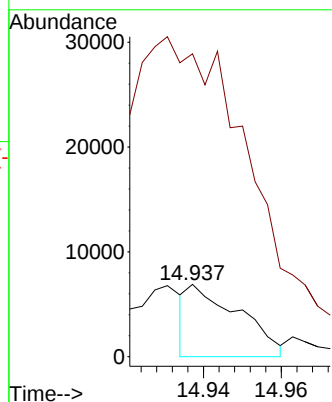
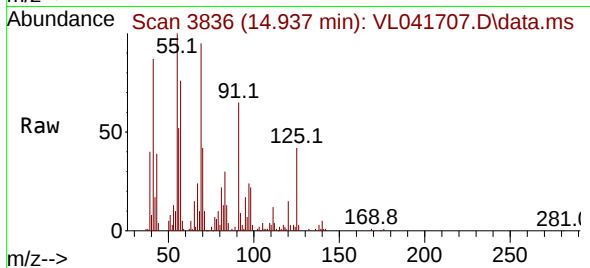
ClientSampleId :

Tgt Ion:120 Resp: 6326

Ion Ratio Lower Upper

120 100

91 0.0 362.4 543.6#



#65

tert-Butylbenzene

Concen: 0.197 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.016 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

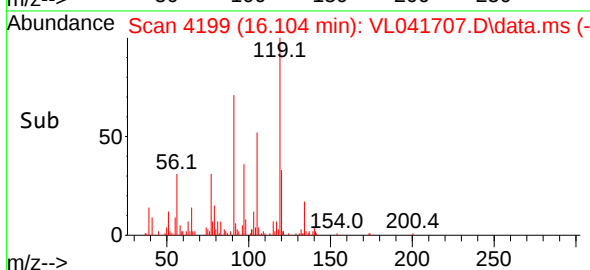
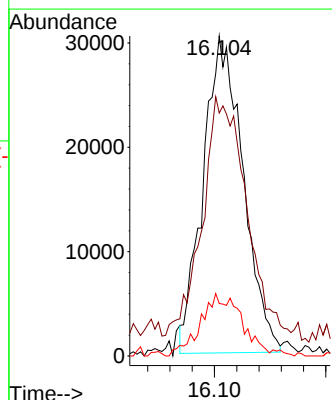
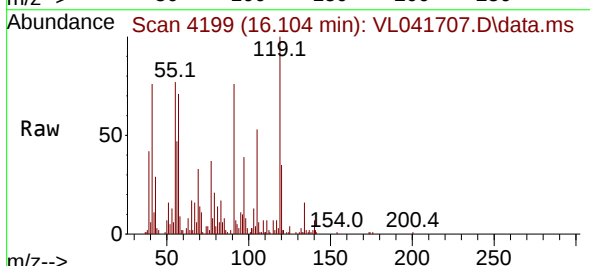
Tgt Ion:119 Resp: 75862

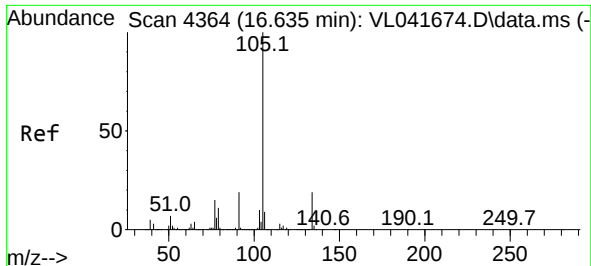
Ion Ratio Lower Upper

119 100

91 89.7 64.3 96.5

134 20.7 15.8 23.8

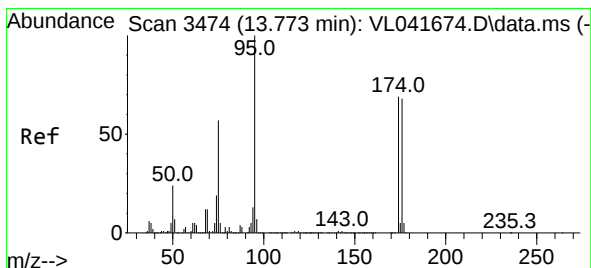
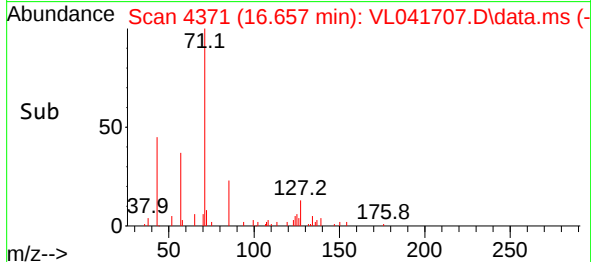
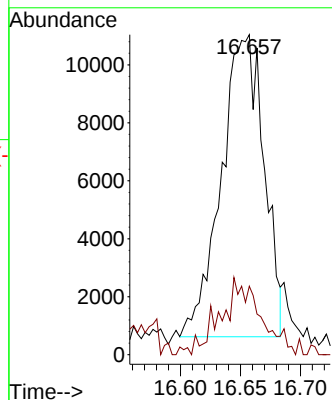
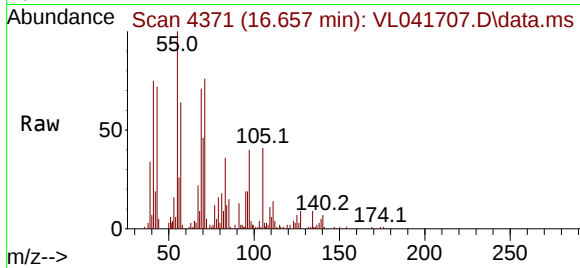




#67
 sec-Butylbenzene
 Concen: 0.047 ppbv
 RT: 16.657 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

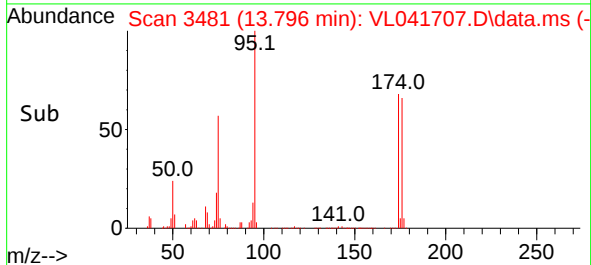
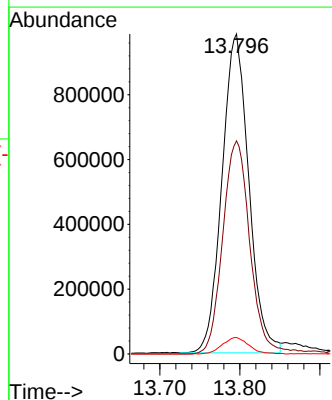
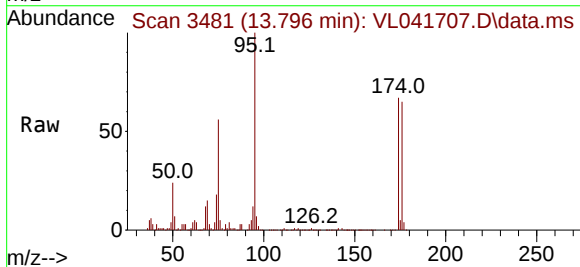
Instrument :
 MSVOA_L
 ClientSampleId :

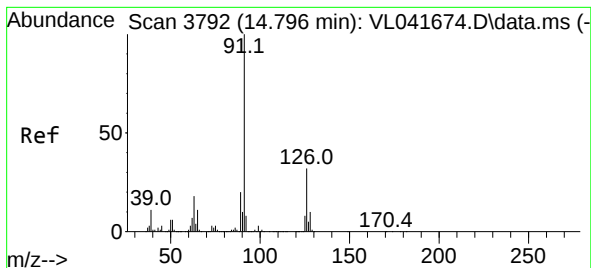
Tgt Ion:105 Resp: 25801
 Ion Ratio Lower Upper
 105 100
 134 23.7 14.6 22.0#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.494 ppbv
 RT: 13.796 min Scan# 3481
 Delta R.T. 0.022 min
 Lab File: VL041707.D
 Acq: 20 Nov 2024 19:54

Tgt Ion: 95 Resp: 2294765
 Ion Ratio Lower Upper
 95 100
 174 69.3 55.6 83.4
 175 5.1 4.2 6.2

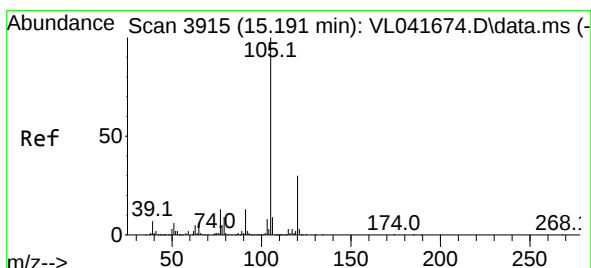
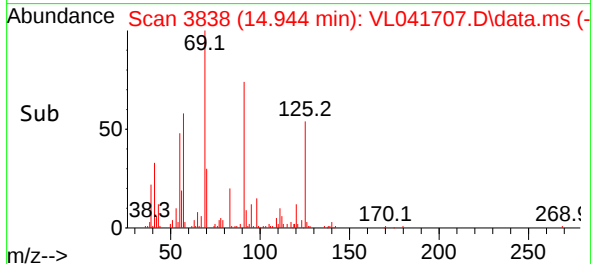
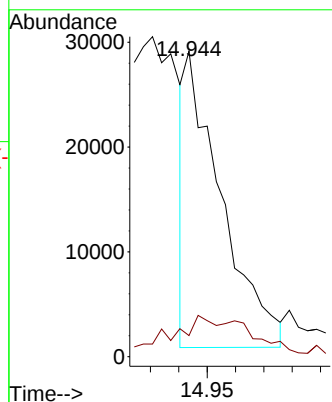
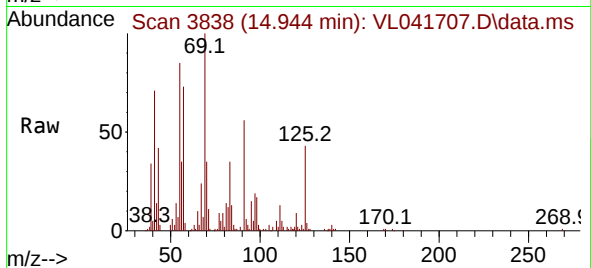




#71
2-Chlorotoluene
Concen: 0.081 ppbv
RT: 14.944 min Scan# 31
Delta R.T. 0.148 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

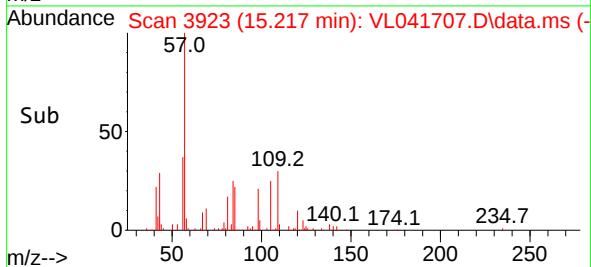
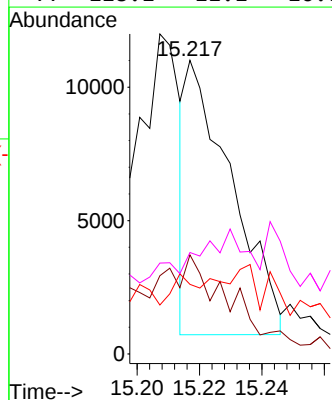
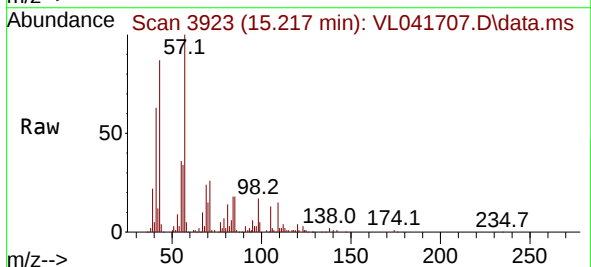
Instrument :
MSVOA_L
ClientSampleId :

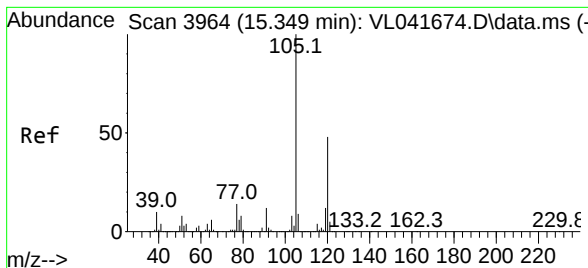
Tgt Ion: 91 Resp: 24986
Ion Ratio Lower Upper
91 100
126 34.6 12.8 51.0



#72
4-Ethyltoluene
Concen: 0.032 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.026 min
Lab File: VL041707.D
Acq: 20 Nov 2024 19:54

Tgt Ion: 105 Resp: 10437
Ion Ratio Lower Upper
105 100
120 74.3 25.0 37.4#
91 31.7 10.6 15.8#
77 118.1 11.1 16.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.113 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. 0.016 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Instrument :

MSVOA_L

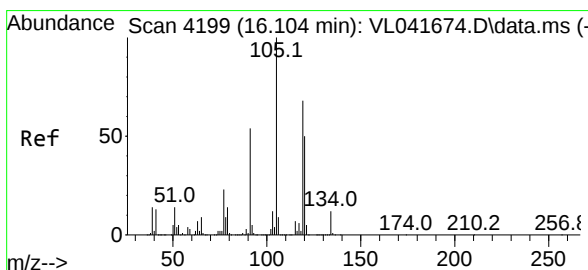
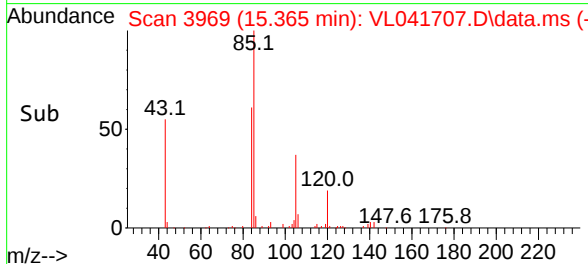
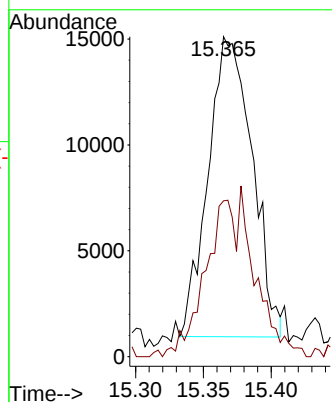
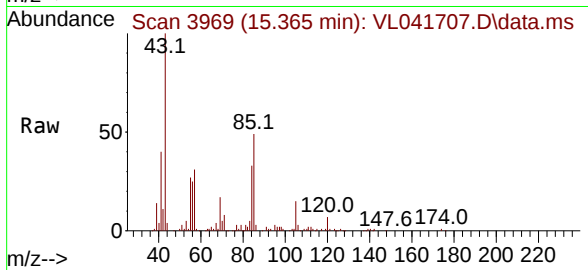
ClientSampleId :

Tgt Ion:105 Resp: 32012

Ion Ratio Lower Upper

105 100

120 47.2 38.4 57.6



#74

1,2,4-Trimethylbenzene

Concen: 0.272 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.019 min

Lab File: VL041707.D

Acq: 20 Nov 2024 19:54

Tgt Ion:105 Resp: 89468

Ion Ratio Lower Upper

105 100

120 47.7 39.8 59.8

91 39.5 43.2 64.8#

77 19.4 18.5 27.7

