

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040937.D
 Acq On : 21 Dec 2023 19:49
 Operator : SY/MD
 Sample : 05925-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Dec 22 00:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 21 07:32:42 2023
 Response via : Initial Calibration

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

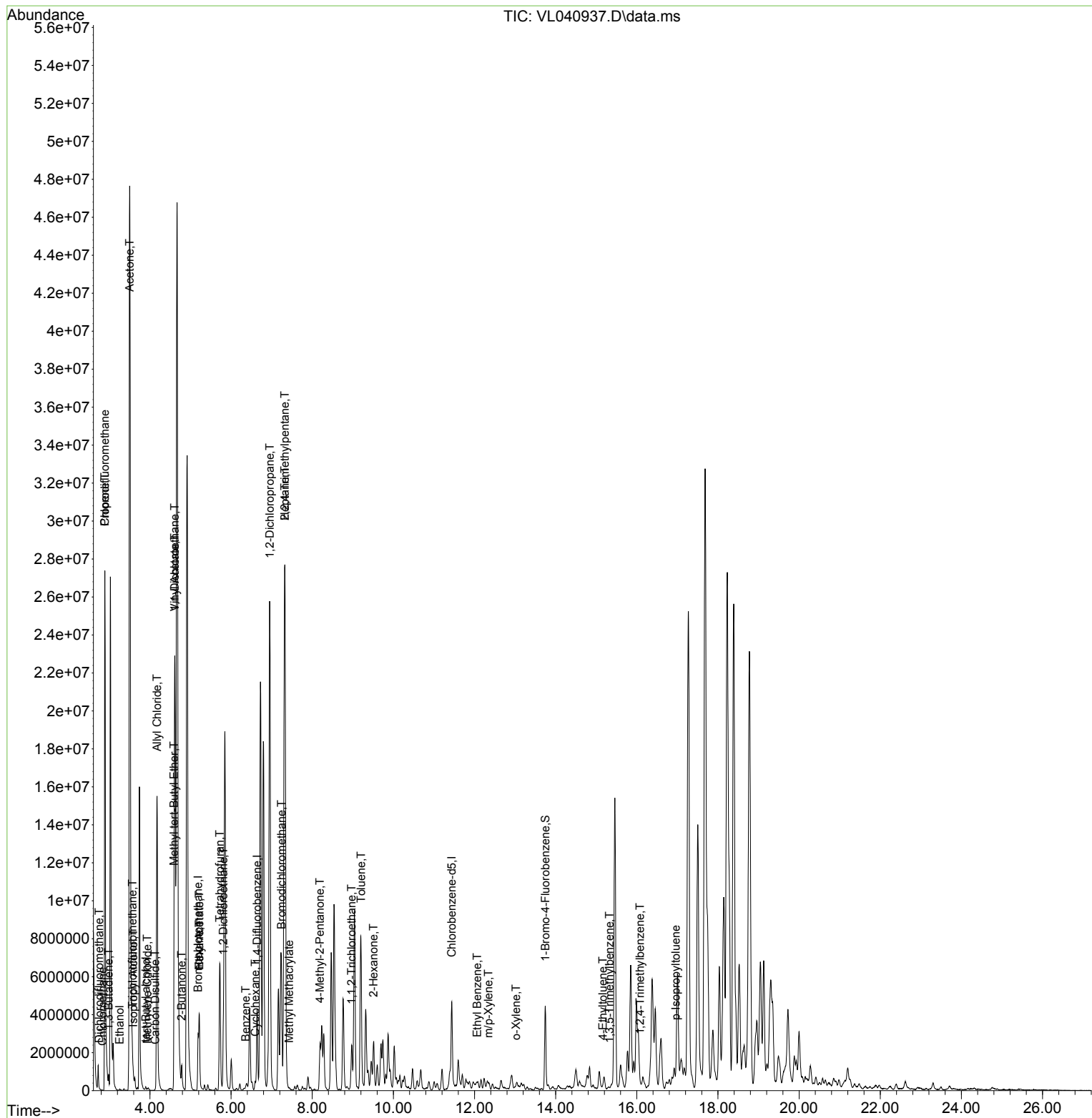
Internal Standards						
1) Bromochloromethane	5.185	49	1274164	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3250488	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2981139	10.000	ppbv	0.00

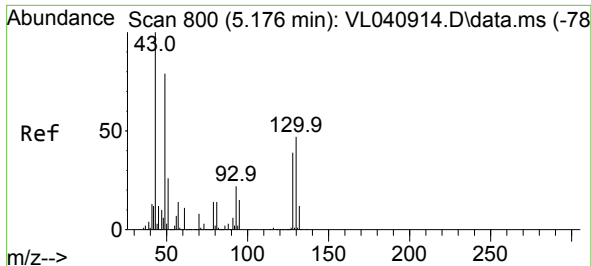
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2237978	10.192	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	27036	0.111	ppbv	96
3) Chlorodifluoromethane	2.890	51	275222	1.435	ppbv #	59
4) Chloromethane	2.828	50	6830	0.097	ppbv	98
9) Propene	2.890	41	10162572	160.633	ppbv	94
10) Heptane	7.323	43	7895734	50.206	ppbv #	1
11) Trichlorofluoromethane	3.571	101	5875	0.031	ppbv	88
13) Ethanol	3.253	45	64915	4.067	ppbv	83
15) Acetone	3.500	43	20190144	132.121	ppbv #	63
16) 1,3-Butadiene	2.983	39	192201	2.921	ppbv #	9
17) tert-Butyl alcohol	3.899	59	21818	0.193	ppbv #	72
19) Isopropyl Alcohol	3.590	45	21788	0.273	ppbv #	95
20) Methylene Chloride	3.938	84	29532	0.542	ppbv	97
21) Allyl Chloride	4.176	41	4448948	49.253	ppbv #	55
23) Vinyl Acetate	4.613	43	13775513	81.713	ppbv #	1
24) 1,1-Dichloroethane	4.613	63	28572	0.189	ppbv #	89
25) Ethyl Acetate	5.214	43	1087103	4.106	ppbv #	77
26) Hexane	5.217	57	1530543	13.043	ppbv #	40
27) Carbon Disulfide	4.131	76	60409	0.380	ppbv #	63
28) Methyl tert-Butyl Ether	4.594	73	57794	0.531	ppbv #	53
30) Cyclohexane	6.597	84	157710	1.612	ppbv #	1
34) 2-Butanone	4.783	43	1435845	8.350	ppbv	97
36) Benzene	6.362	78	113534	0.447	ppbv #	89
37) 1,2-Dichloroethane	5.812	62	5937	0.039	ppbv #	83
39) 1,2-Dichloropropane	6.954	63	44749	0.448	ppbv #	1
41) Tetrahydrofuran	5.719	42	142291	1.360	ppbv #	55
42) Bromodichloromethane	7.243	83	526183	2.396	ppbv #	25
43) Methyl Methacrylate	7.433	69	24398	0.245	ppbv #	1
44) 2,2,4-Trimethylpentane	7.323	57	24536026	56.845	ppbv #	66
47) 1,1,2-Trichloroethane	8.966	97	89917	0.849	ppbv #	56
50) 4-Methyl-2-Pentanone	8.188	43	209732	0.805	ppbv	93
51) 2-Hexanone	9.513	43	1796850	9.586	ppbv #	44
53) Toluene	9.204	91	357595	1.269	ppbv	99
58) Ethyl Benzene	12.063	91	43757	0.114	ppbv	99
59) m/p-Xylene	12.343	91	20944	0.064	ppbv #	100
60) o-Xylene	13.024	91	96345	0.314	ppbv	100
69) p-Isopropyltoluene	16.963	119	21520	0.049	ppbv #	77
72) 4-Ethyltoluene	15.162	105	20418	0.061	ppbv #	59
73) 1,3,5-Trimethylbenzene	15.326	105	11352	0.039	ppbv #	67
74) 1,2,4-Trimethylbenzene	16.079	105	57758	0.179	ppbv #	62

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

Quant Time: Dec 22 00:10:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration

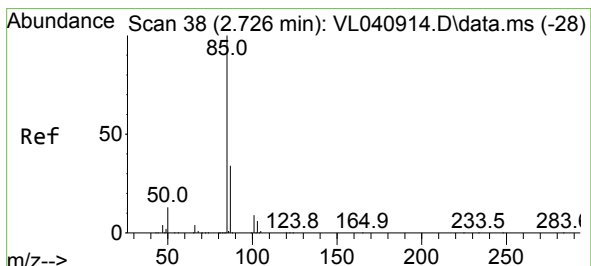
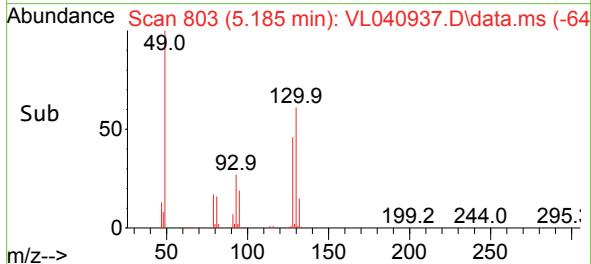
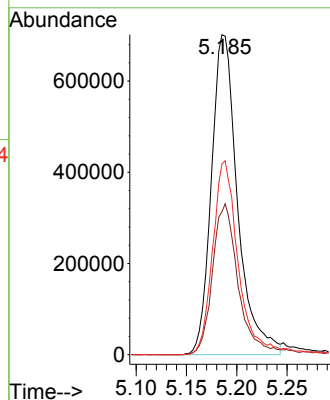
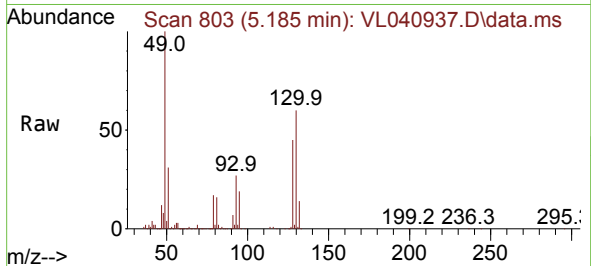




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 80
 Delta R.T. 0.009 min
 Lab File: VL040937.D
 Acq: 21 Dec 2023 19:49

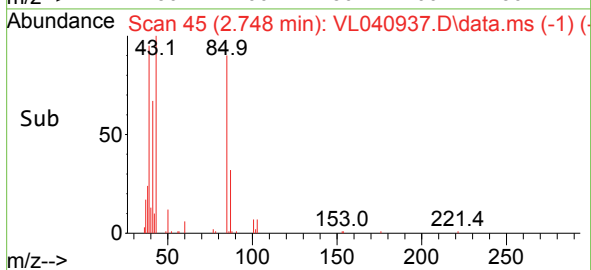
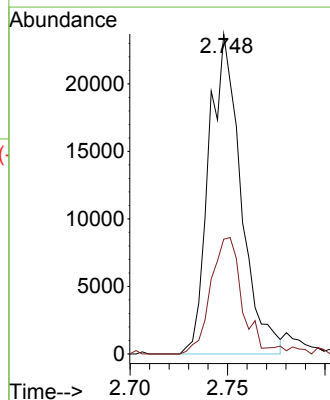
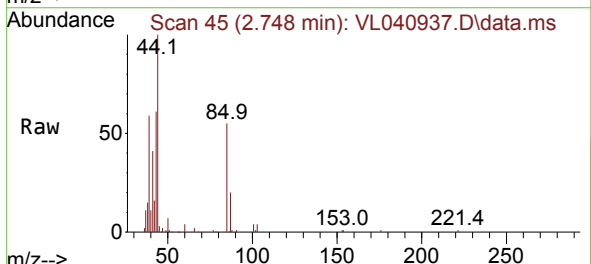
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

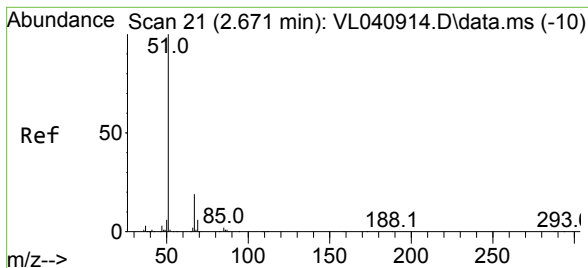
Tgt Ion: 49 Resp: 1274164
 Ion Ratio Lower Upper
 49 100
 128 47.9 23.8 71.2
 130 61.4 30.1 90.5



#2
 Dichlorodifluoromethane
 Concen: 0.111 ppbv
 RT: 2.748 min Scan# 45
 Delta R.T. 0.022 min
 Lab File: VL040937.D
 Acq: 21 Dec 2023 19:49

Tgt Ion: 85 Resp: 27036
 Ion Ratio Lower Upper
 85 100
 87 35.9 27.0 40.6

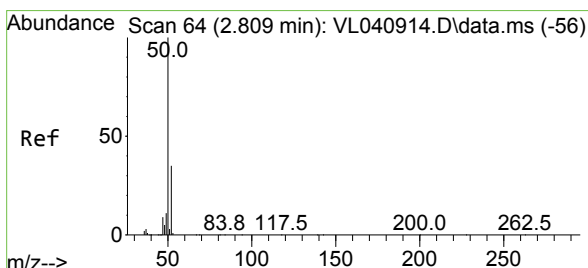
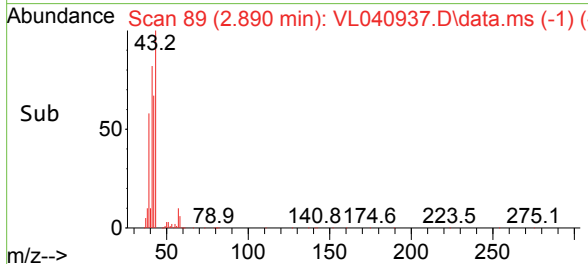
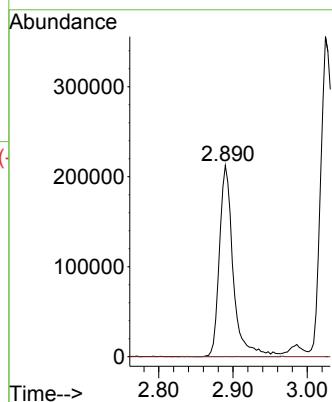
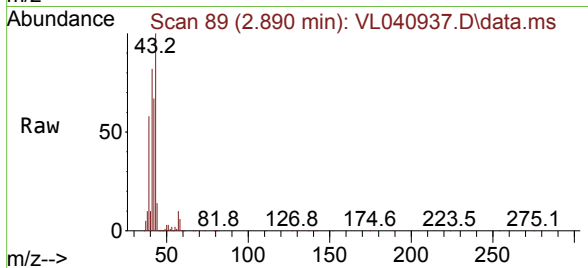




#3
 Chlorodifluoromethane
 Concen: 1.435 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. 0.219 min
 Lab File: VL040937.D
 Acq: 21 Dec 2023 19:49

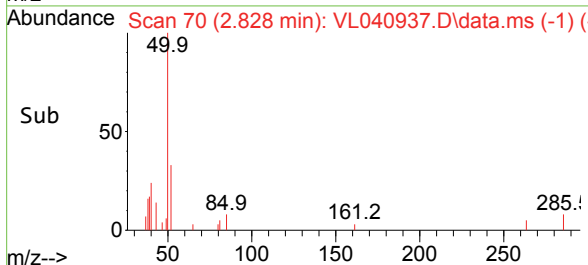
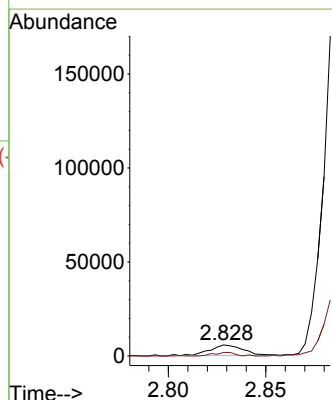
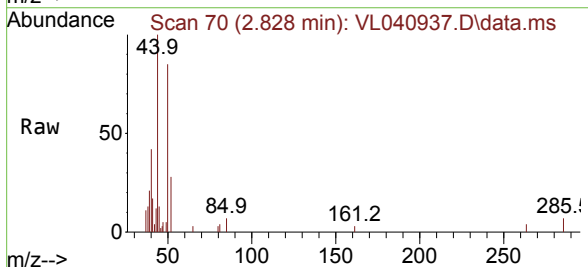
Instrument :
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 ClientSampleId :
 SV1

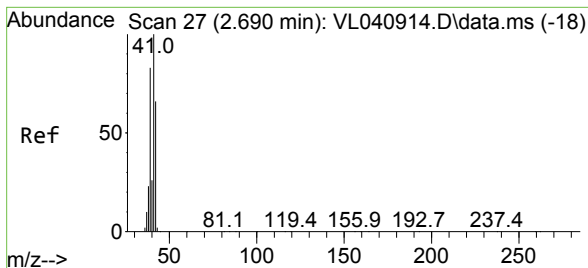
Tgt Ion: 51 Resp: 275222
 Ion Ratio Lower Upper
 51 100
 67 0.0 14.7 22.1#



#4
 Chloromethane
 Concen: 0.097 ppbv
 RT: 2.828 min Scan# 70
 Delta R.T. 0.019 min
 Lab File: VL040937.D
 Acq: 21 Dec 2023 19:49

Tgt Ion: 50 Resp: 6830
 Ion Ratio Lower Upper
 50 100
 52 33.9 28.0 42.0





#9

Propene

Concen: 160.633 ppbv

RT: 2.890 min Scan# 89

Delta R.T. 0.199 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

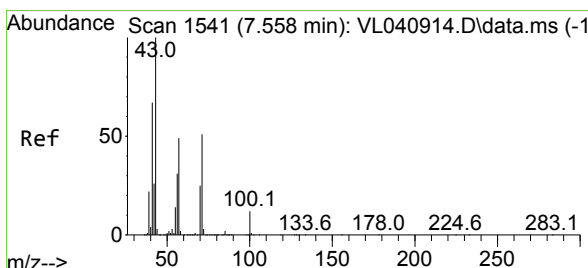
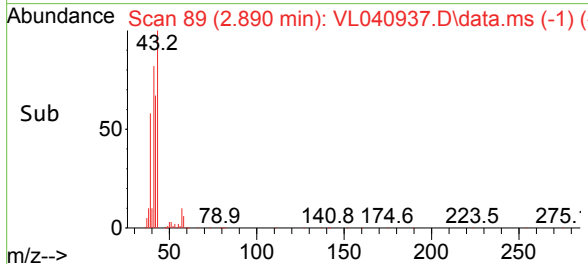
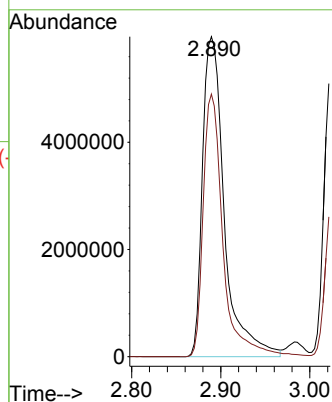
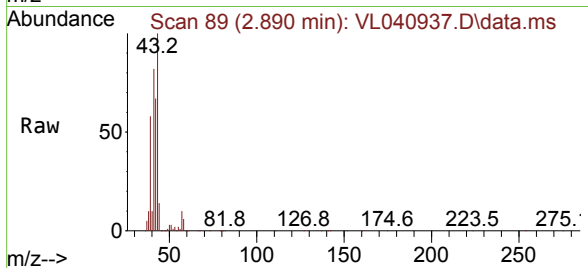
SV1

Tgt Ion: 41 Resp:10162572

Ion Ratio Lower Upper

41 100

42 74.2 55.8 83.6



#10

Heptane

Concen: 50.206 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. -0.235 min

Lab File: VL040937.D

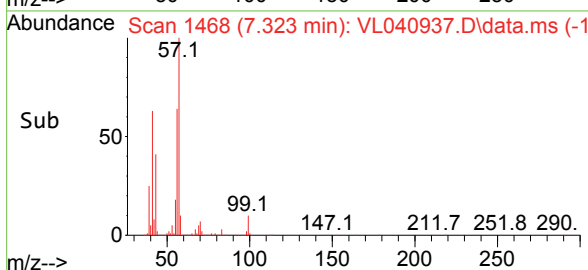
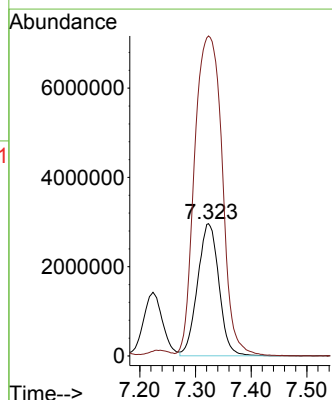
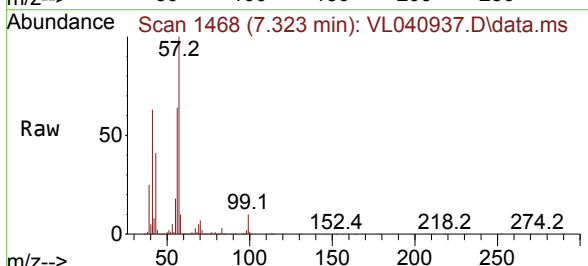
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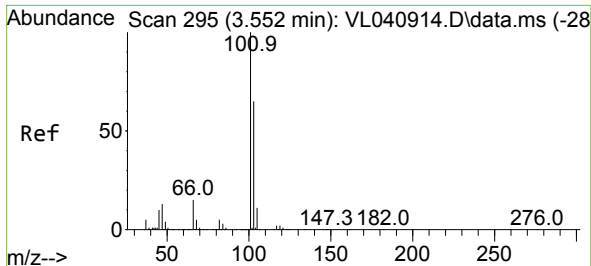
Tgt Ion: 43 Resp: 7895734

Ion Ratio Lower Upper

43 100

57 312.5 39.3 58.9#

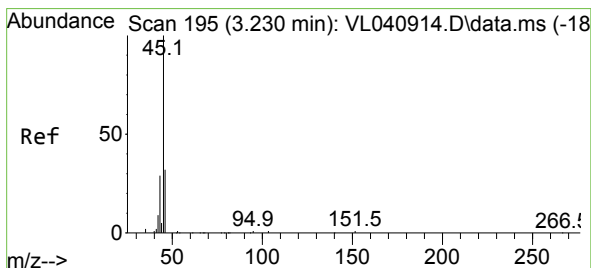
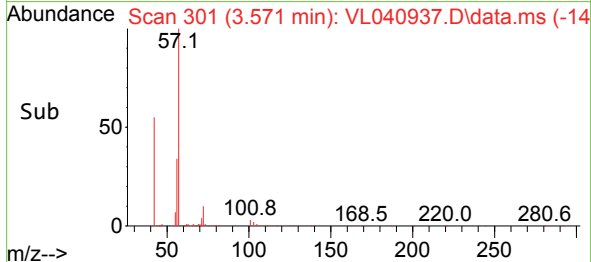
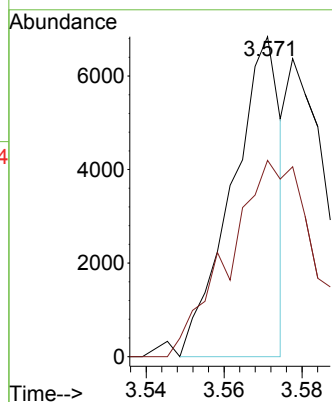
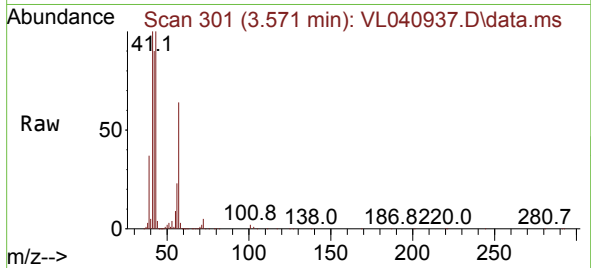




#11
Trichlorofluoromethane
Concen: 0.031 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.019 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

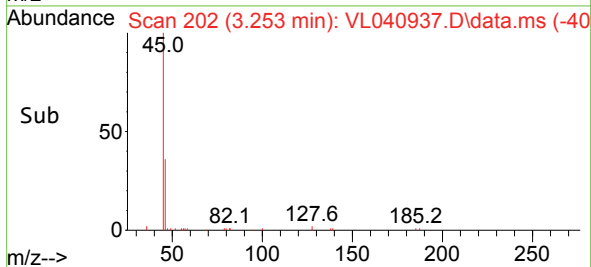
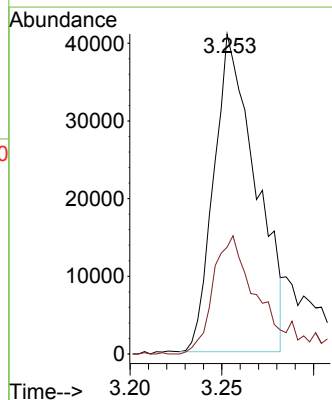
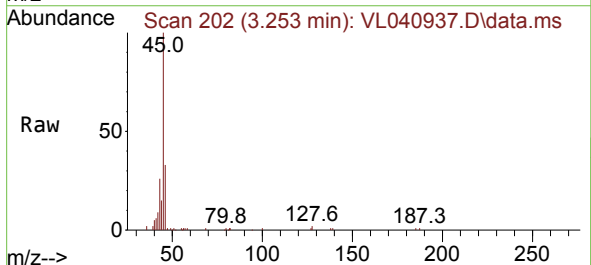
Instrument :
MSVOA_L
ClientSampleId :
SV1

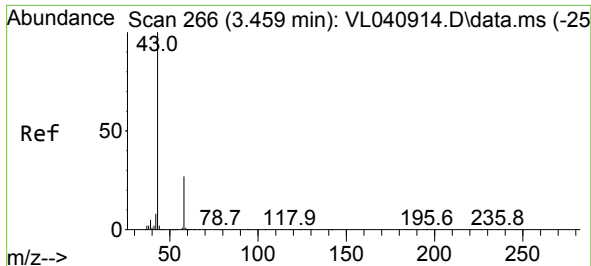
Tgt Ion:101 Resp: 5875
Ion Ratio Lower Upper
101 100
103 55.5 51.9 77.9



#13
Ethanol
Concen: 4.067 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.022 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 45 Resp: 64915
Ion Ratio Lower Upper
45 100
46 47.8 15.0 60.0

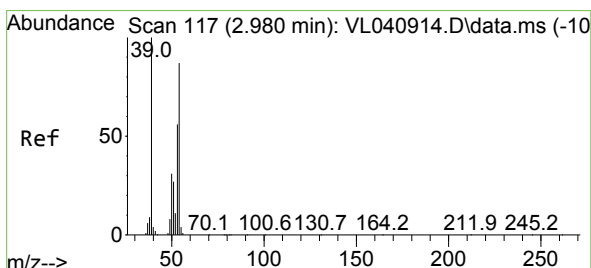
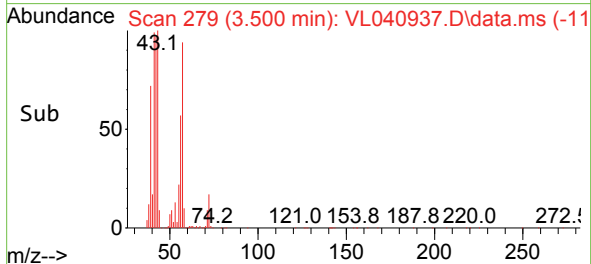
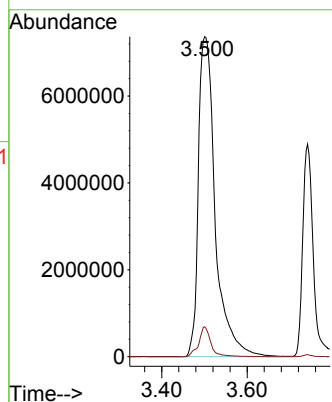
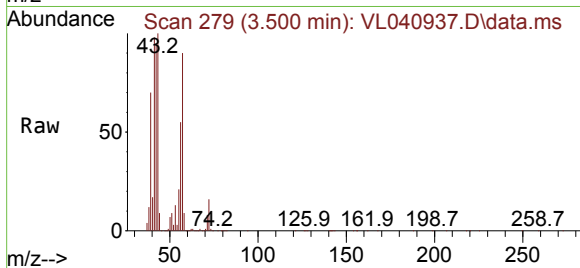




#15
Acetone
Concen: 132.121 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.042 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

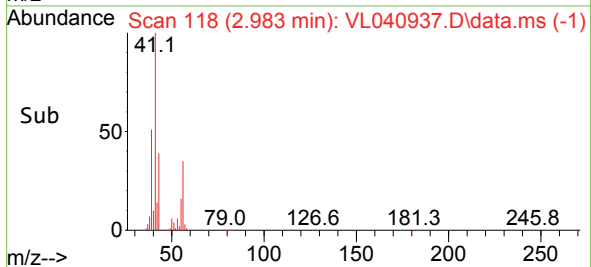
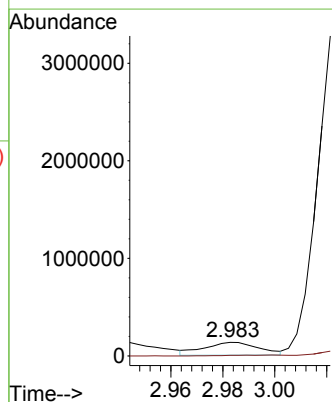
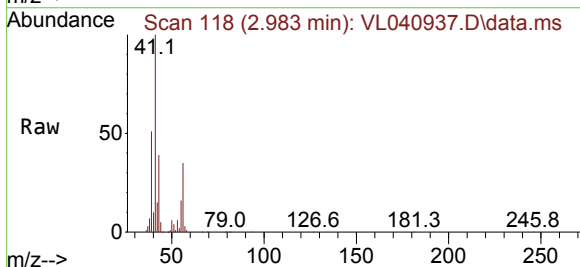
Instrument :
MSVOA_L
ClientSampleId :
SV1

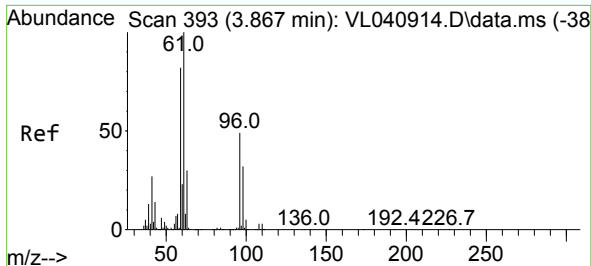
Tgt Ion: 43 Resp: 20190144
Ion Ratio Lower Upper
43 100
58 6.8 20.6 30.8#



#16
1,3-Butadiene
Concen: 2.921 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.003 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 39 Resp: 192201
Ion Ratio Lower Upper
39 100
54 0.0 63.8 95.6#





#17

tert-Butyl alcohol

Concen: 0.193 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.032 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

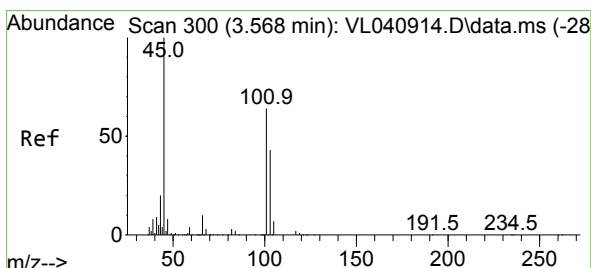
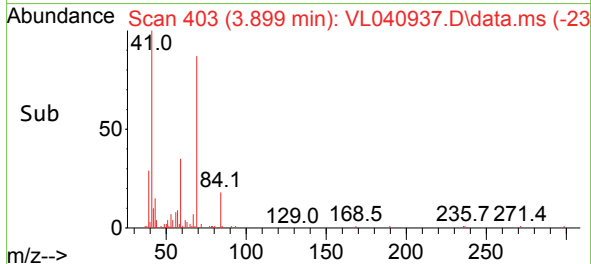
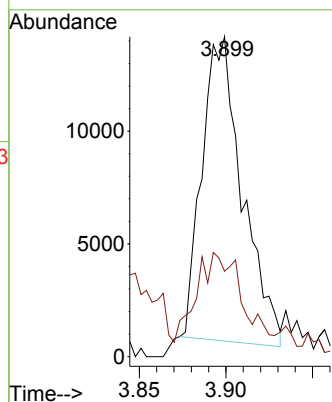
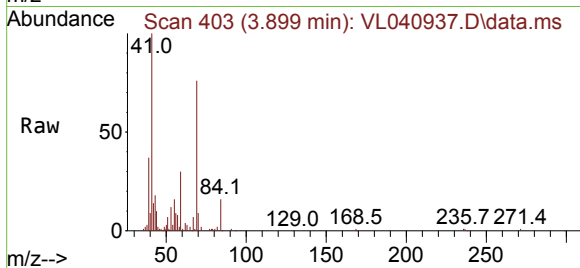
SV1

Tgt Ion: 59 Resp: 21818

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#19

Isopropyl Alcohol

Concen: 0.273 ppbv

RT: 3.590 min Scan# 307

Delta R.T. 0.022 min

Lab File: VL040937.D

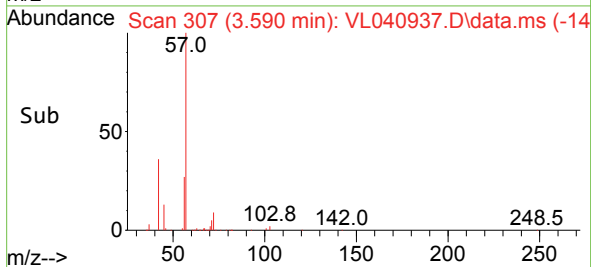
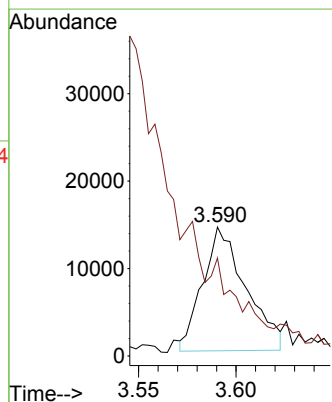
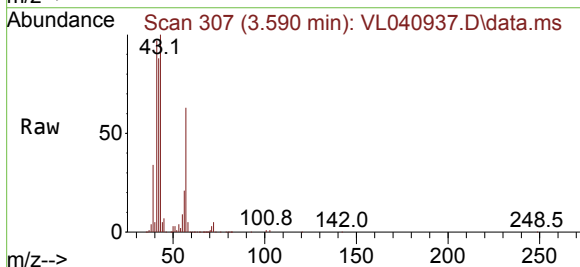
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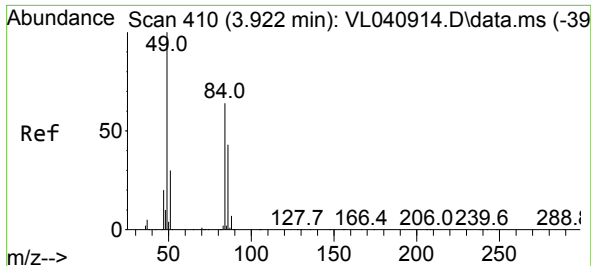
Tgt Ion: 45 Resp: 21788

Ion Ratio Lower Upper

45 100

58 0.0 1.5 2.3#

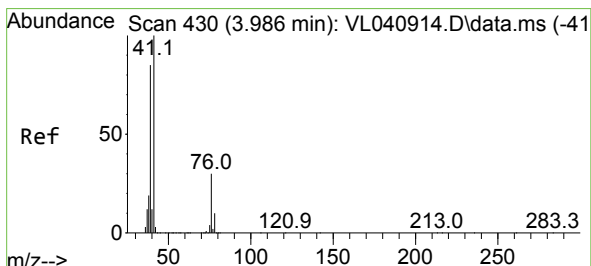
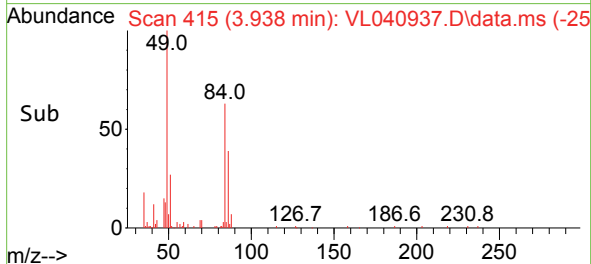
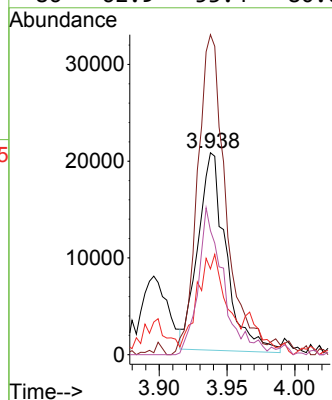
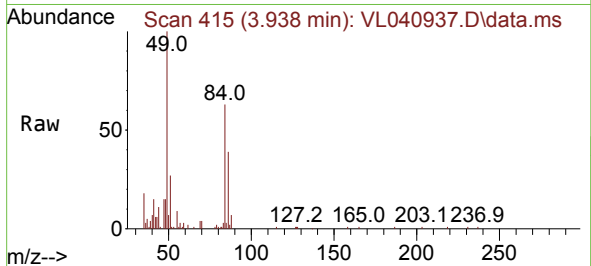




#20
Methylene Chloride
Concen: 0.542 ppbv
RT: 3.938 min Scan# 410
Delta R.T. 0.016 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

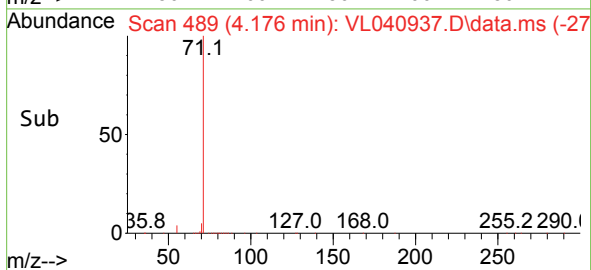
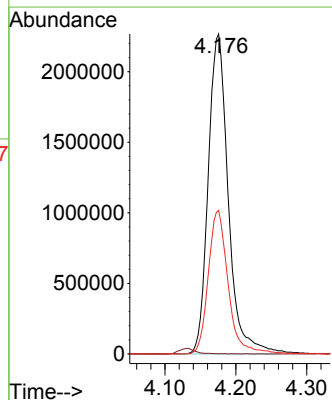
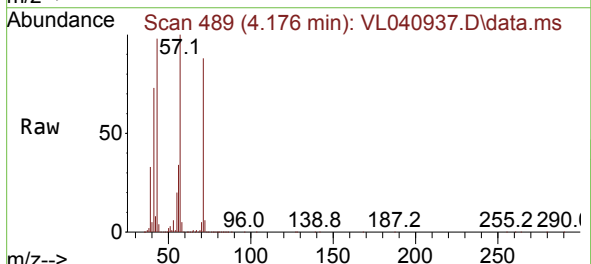
Instrument :
MSVOA_L
ClientSampleId :
SV1

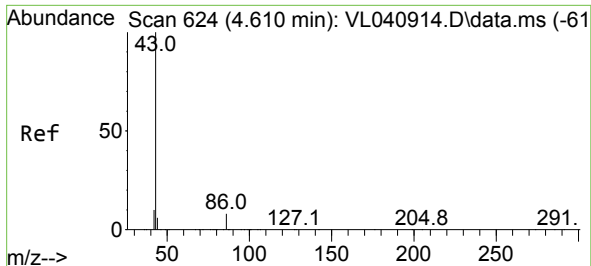
Tgt Ion: 84 Resp: 29532
Ion Ratio Lower Upper
84 100
49 156.7 124.6 187.0
51 42.1 37.2 55.8
86 62.9 53.4 80.0



#21
Allyl Chloride
Concen: 49.253 ppbv
RT: 4.176 min Scan# 489
Delta R.T. 0.190 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 41 Resp: 4448948
Ion Ratio Lower Upper
41 100
76 1.5 23.9 35.9#
39 44.7 66.5 99.7#

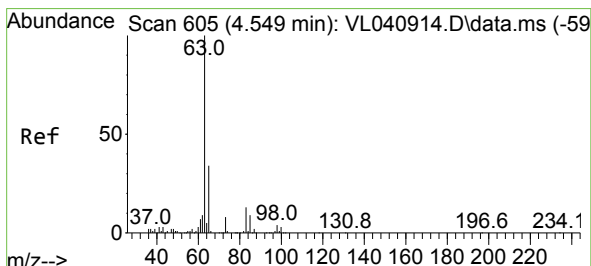
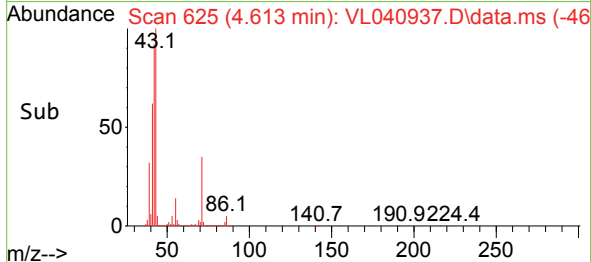
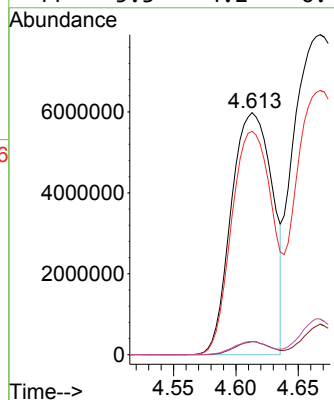
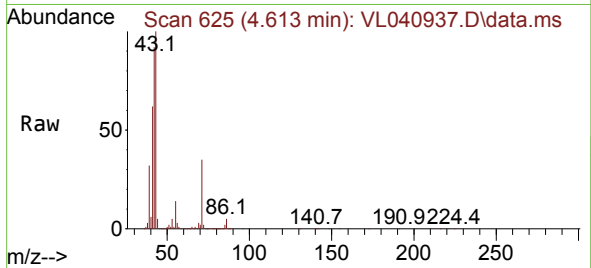




#23
 Vinyl Acetate
 Concen: 81.713 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040937.D
 Acq: 21 Dec 2023 19:49

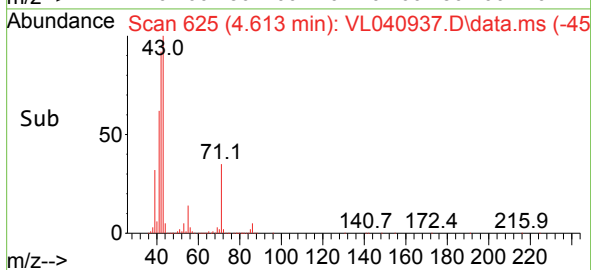
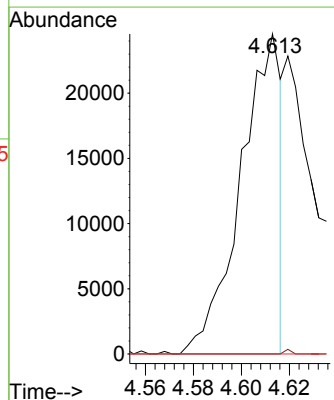
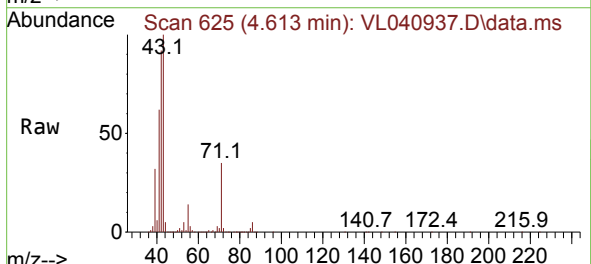
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

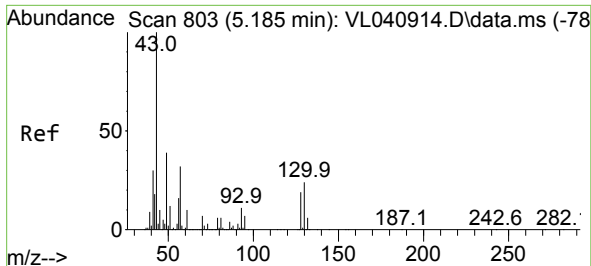
Tgt Ion: 43 Resp:13775513
 Ion Ratio Lower Upper
 43 100
 86 5.4 5.5 8.3#
 42 92.2 8.4 12.6#
 44 5.3 4.2 6.4



#24
 1,1-Dichloroethane
 Concen: 0.189 ppbv
 RT: 4.613 min Scan# 625
 Delta R.T. 0.064 min
 Lab File: VL040937.D
 Acq: 21 Dec 2023 19:49

Tgt Ion: 63 Resp: 28572
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.1 6.5#
 100 0.0 1.4 4.2#





#25

Ethyl Acetate

Concen: 4.106 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.029 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion: 43 Resp: 1087103

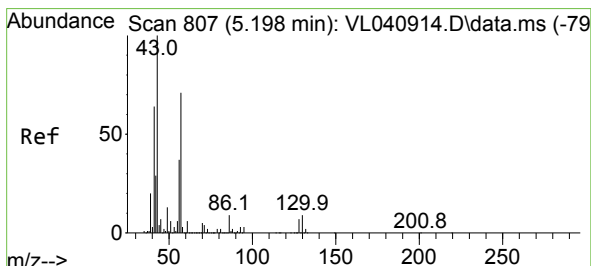
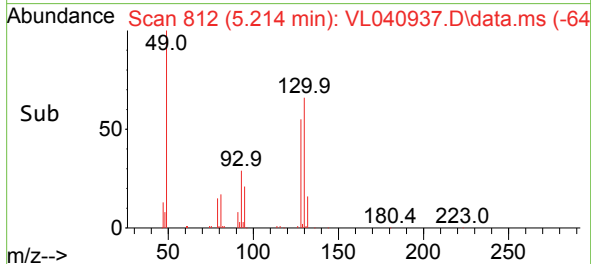
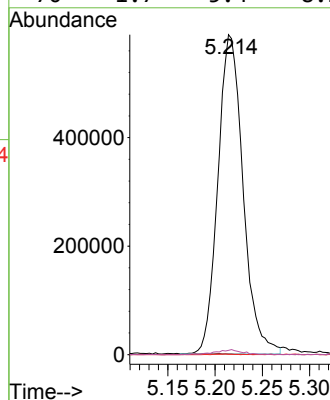
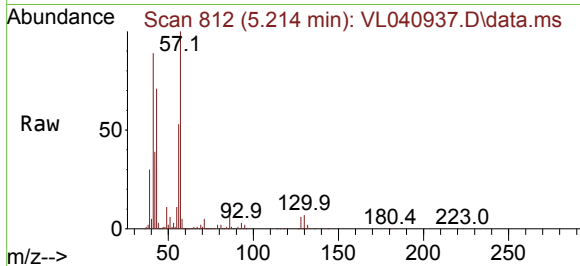
Ion Ratio Lower Upper

43 100

45 0.5 8.2 12.2#

61 0.2 7.6 11.4#

70 1.7 5.4 8.2#



#26

Hexane

Concen: 13.043 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.019 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Tgt Ion: 57 Resp: 1530543

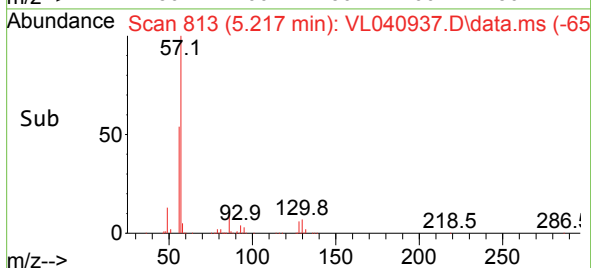
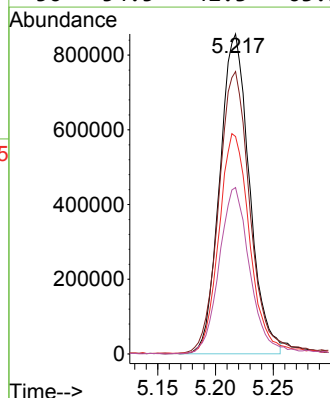
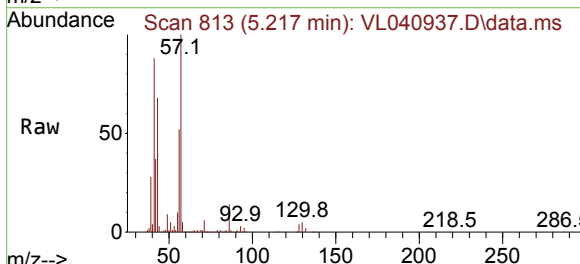
Ion Ratio Lower Upper

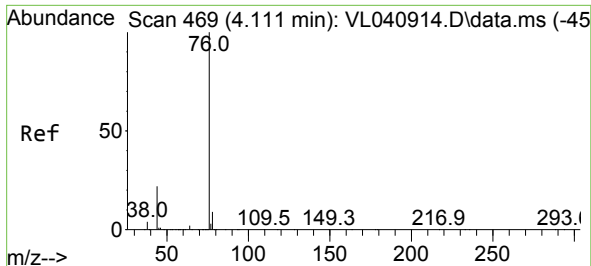
57 100

41 94.8 75.2 112.8

43 72.2 188.0 282.0#

56 54.5 42.3 63.5

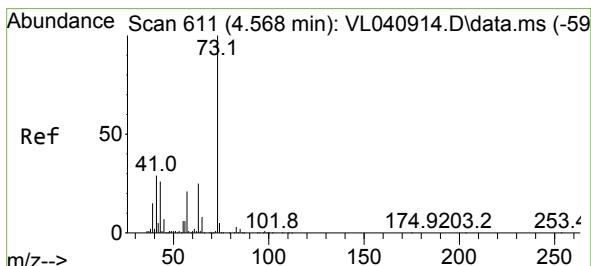
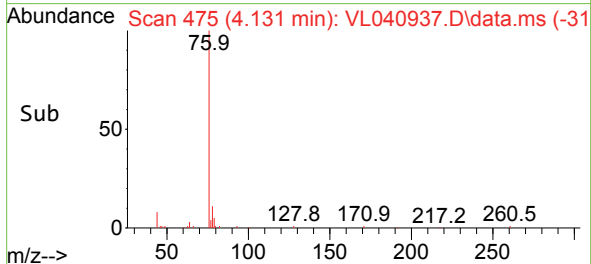
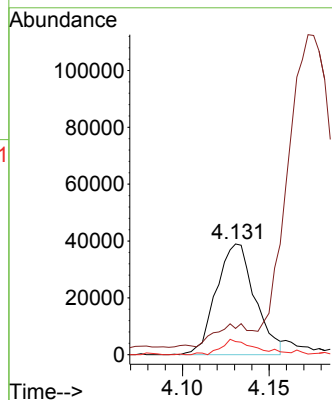
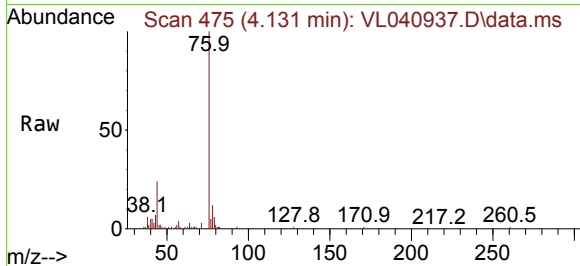




#27
Carbon Disulfide
Concen: 0.380 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

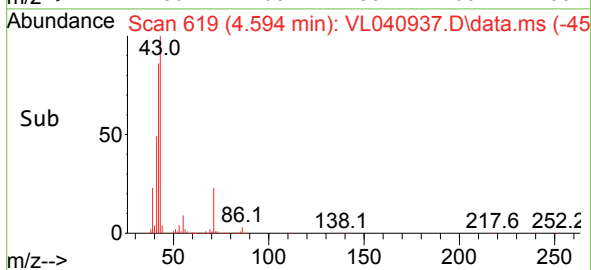
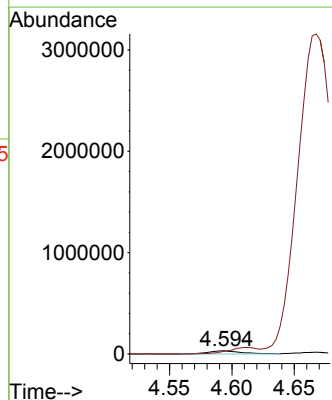
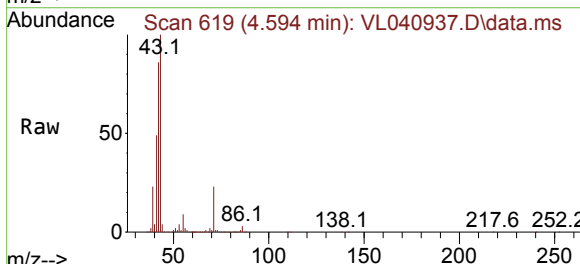
Instrument :
MSVOA_L
ClientSampleId :
SV1

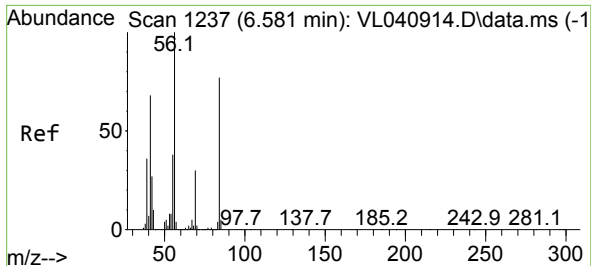
Tgt Ion: 76 Resp: 60409
Ion Ratio Lower Upper
76 100
44 0.0 18.4 27.6#
78 14.3 7.9 11.9#



#28
Methyl tert-Butyl Ether
Concen: 0.531 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.026 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 73 Resp: 57794
Ion Ratio Lower Upper
73 100
57 0.0 18.0 27.0#

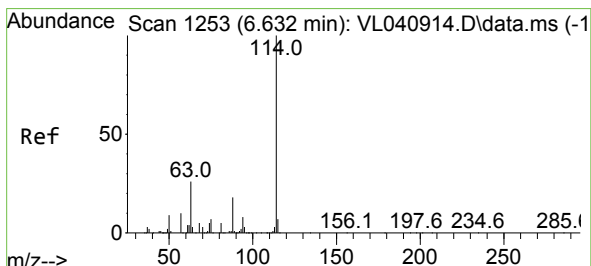
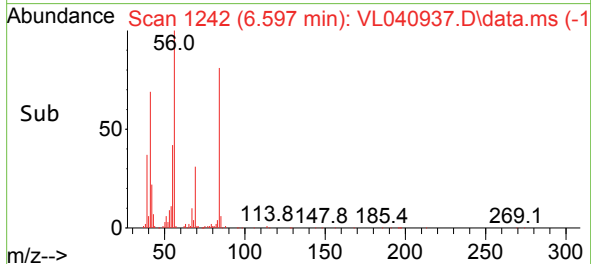
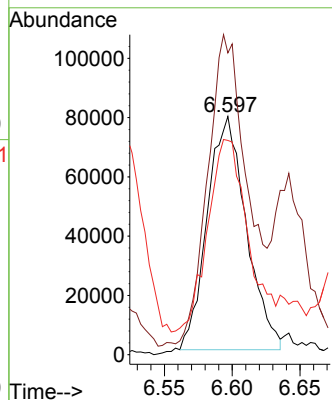
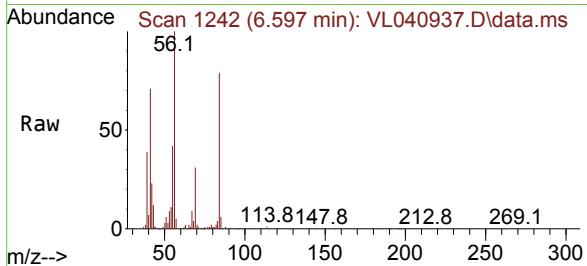




#30
Cyclohexane
Concen: 1.612 ppbv
RT: 6.597 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

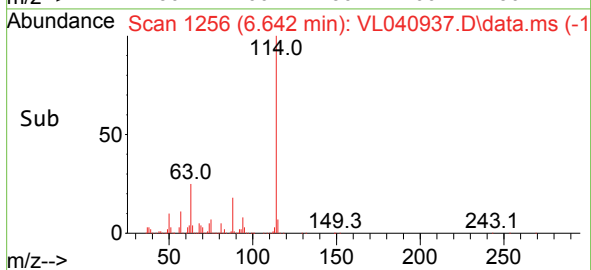
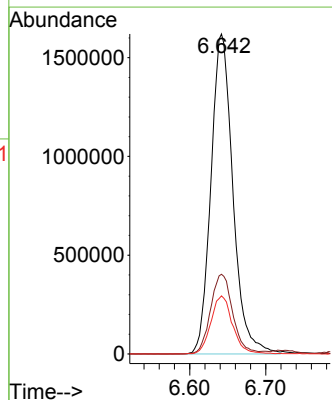
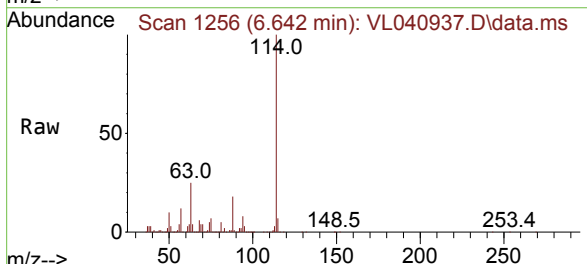
Instrument :
MSVOA_L
ClientSampleId :
SV1

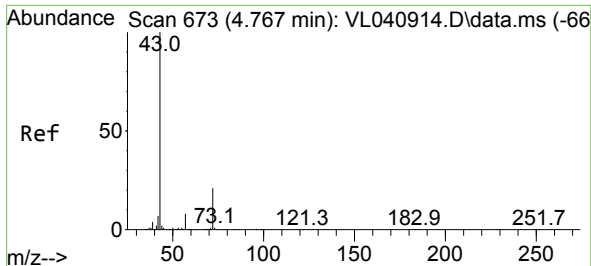
Tgt Ion: 84 Resp: 157710
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.2#
41 502.3 70.0 105.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.010 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 114 Resp: 3250488
Ion Ratio Lower Upper
114 100
63 25.4 21.0 31.6
88 17.9 14.3 21.5

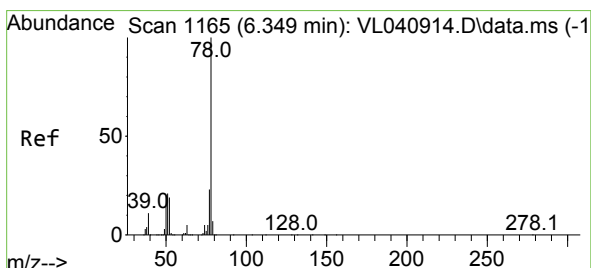
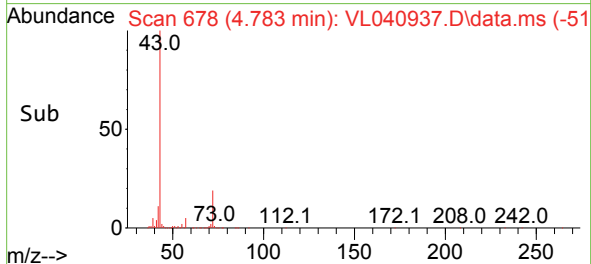
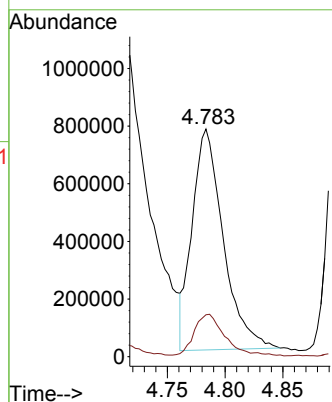
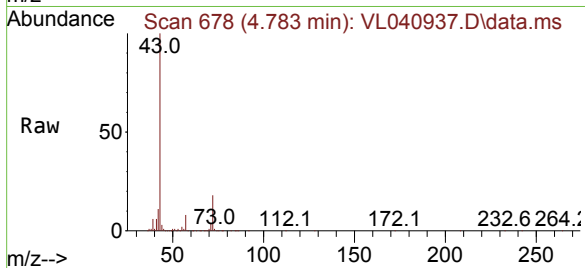




#34
2-Butanone
Concen: 8.350 ppbv
RT: 4.783 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

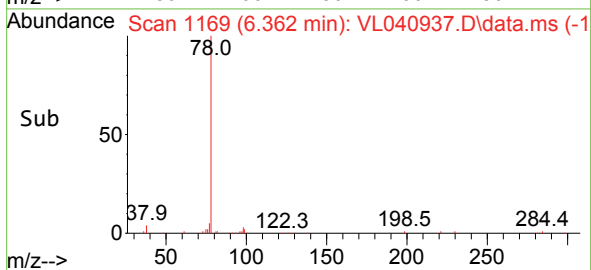
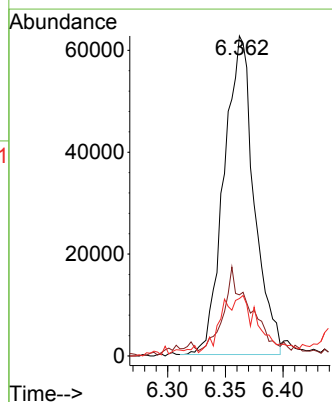
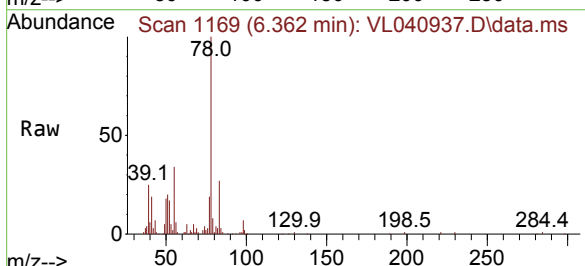
Instrument :
MSVOA_L
ClientSampleId :
SV1

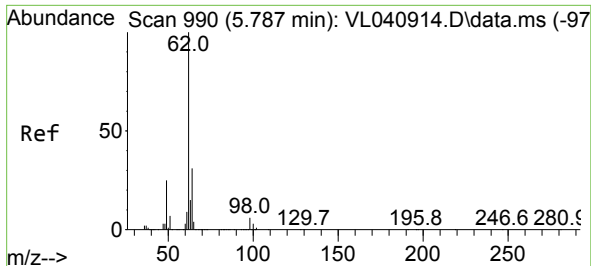
Tgt Ion: 43 Resp: 1435845
Ion Ratio Lower Upper
43 100
72 20.0 17.2 25.8



#36
Benzene
Concen: 0.447 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.013 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 78 Resp: 113534
Ion Ratio Lower Upper
78 100
77 16.9 18.4 27.6#
50 16.2 16.0 24.0





#37

1,2-Dichloroethane

Concen: 0.039 ppbv

RT: 5.812 min Scan# 990

Delta R.T. 0.026 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

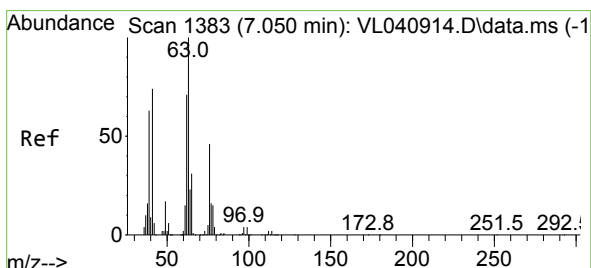
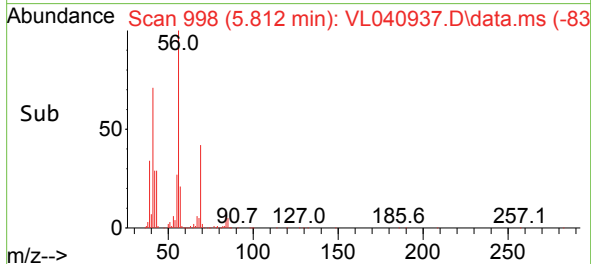
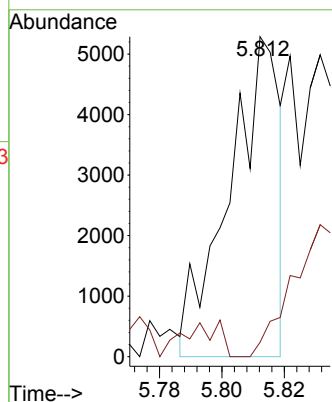
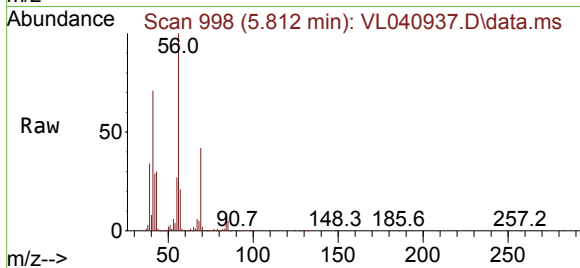
SV1

Tgt Ion: 62 Resp: 5937

Ion Ratio Lower Upper

62 100

98 0.0 4.6 7.0#



#39

1,2-Dichloropropane

Concen: 0.448 ppbv

RT: 6.954 min Scan# 1353

Delta R.T. -0.096 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

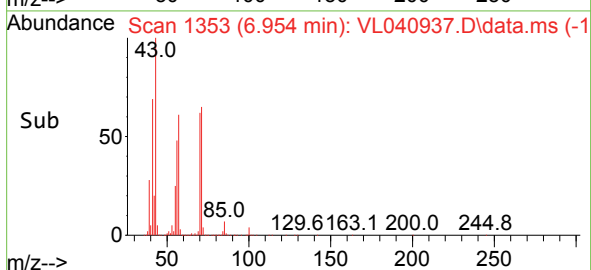
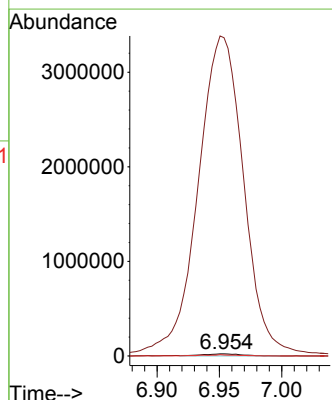
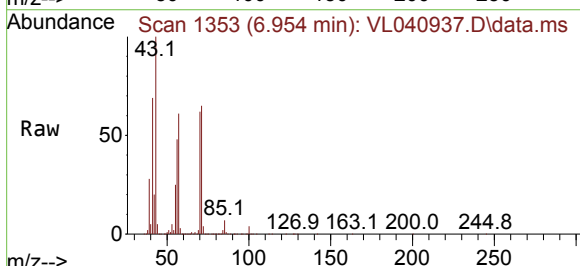
Tgt Ion: 63 Resp: 44749

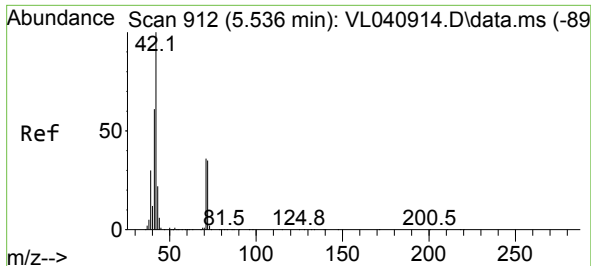
Ion Ratio Lower Upper

63 100

41 14884.6 59.0 88.6#

62 46.2 56.6 85.0#





#41

Tetrahydrofuran

Concen: 1.360 ppbv

RT: 5.719 min Scan# 912

Delta R.T. 0.183 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

SV1

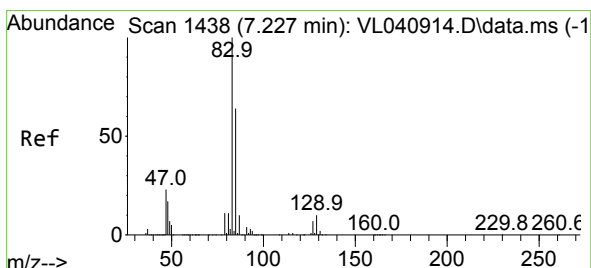
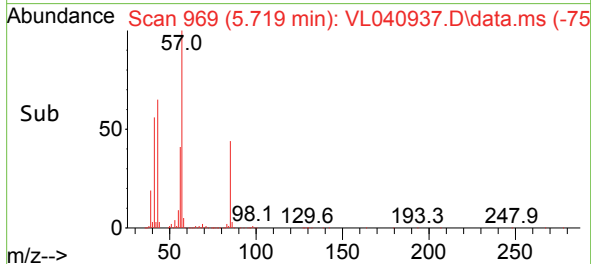
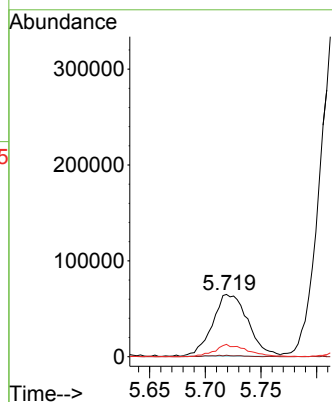
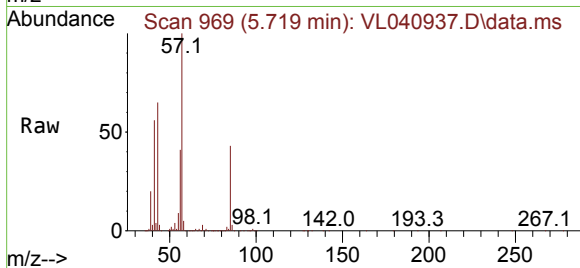
Tgt Ion: 42 Resp: 142291

Ion Ratio Lower Upper

42 100

72 2.1 29.6 44.4#

71 18.4 29.1 43.7#



#42

Bromodichloromethane

Concen: 2.396 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. 0.016 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

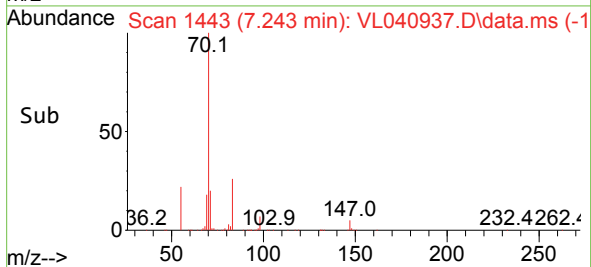
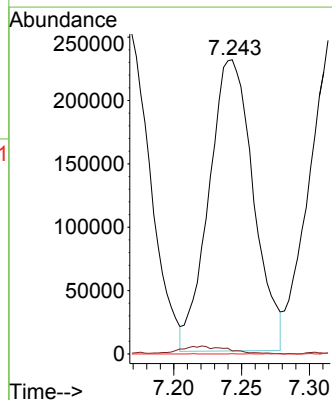
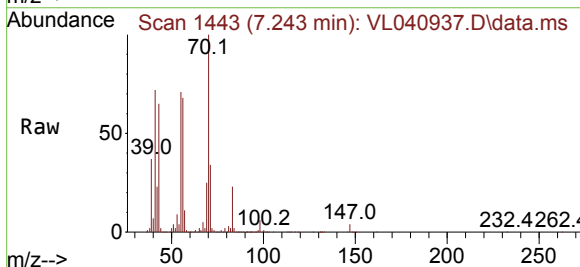
Tgt Ion: 83 Resp: 526183

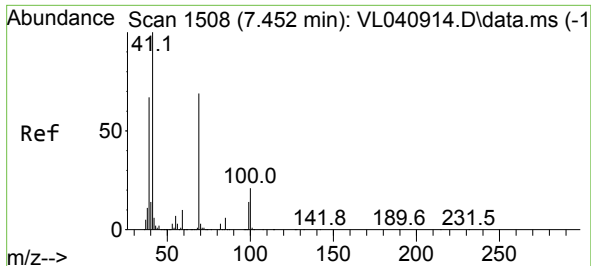
Ion Ratio Lower Upper

83 100

85 1.0 51.4 77.0#

127 0.1 5.9 8.9#

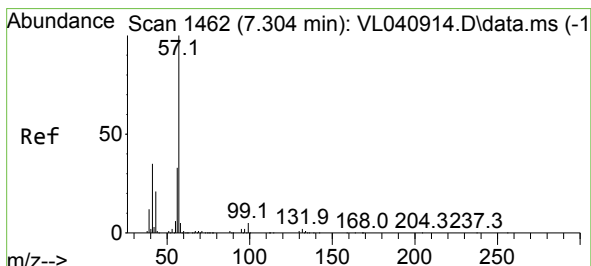
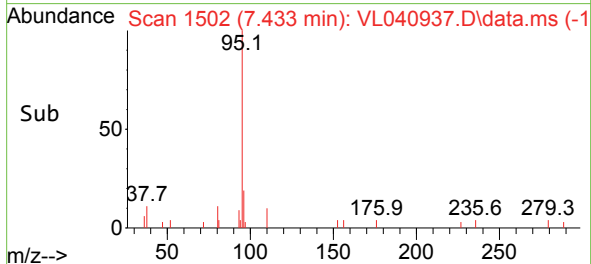
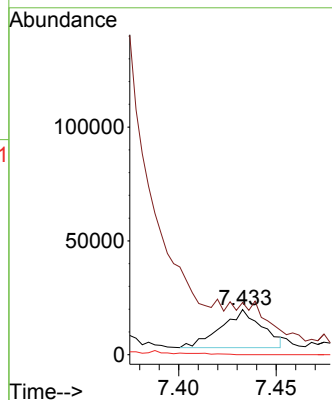
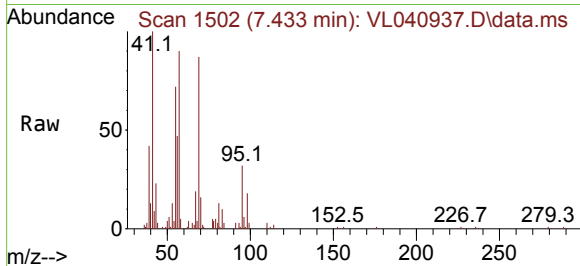




#43
Methyl Methacrylate
Concen: 0.245 ppbv
RT: 7.433 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

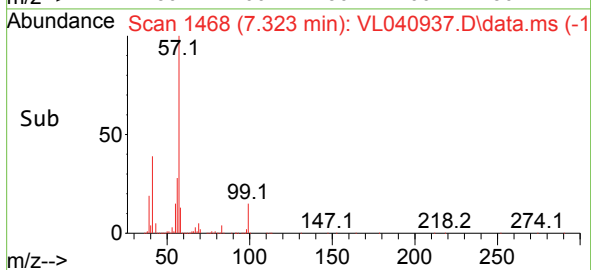
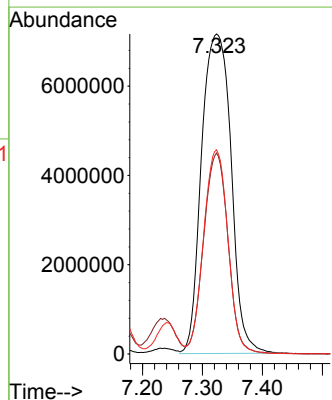
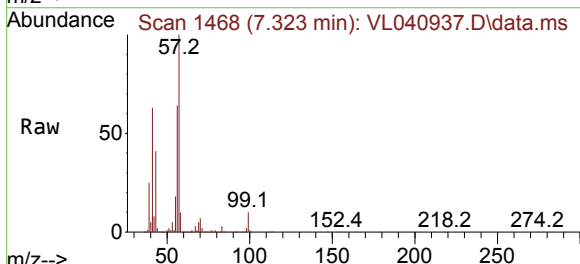
Instrument :
MSVOA_L
ClientSampleId :
SV1

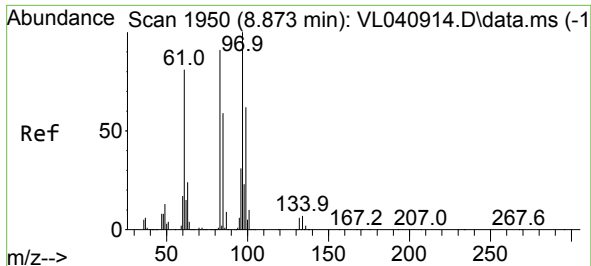
Tgt Ion: 69 Resp: 24398
Ion Ratio Lower Upper
69 100
41 0.0 119.9 179.9#
100 0.0 25.1 37.7#



#44
2,2,4-Trimethylpentane
Concen: 56.845 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.019 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 57 Resp: 24536026
Ion Ratio Lower Upper
57 100
41 52.4 28.2 42.4#
56 53.1 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.849 ppbv

RT: 8.966 min Scan# 1950

Delta R.T. 0.093 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion: 97 Resp: 89917

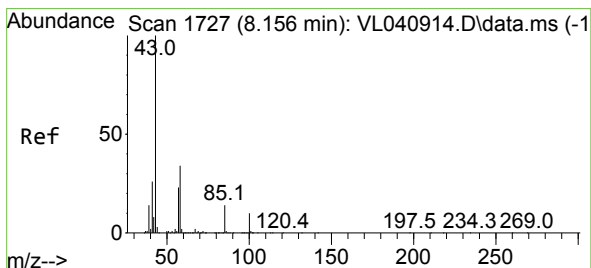
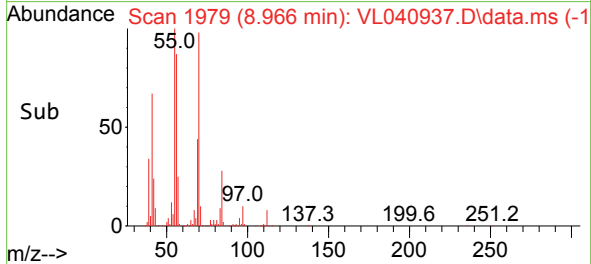
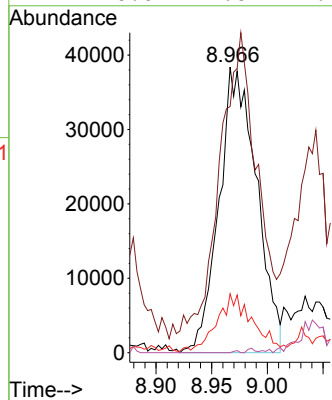
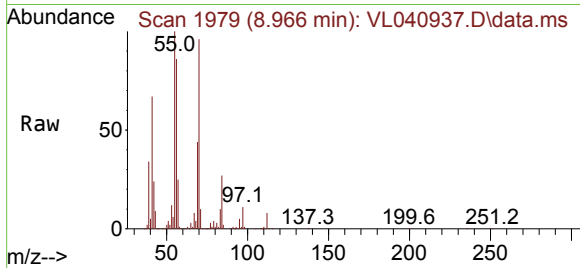
Ion Ratio Lower Upper

97 100

83 78.7 72.6 108.8

85 20.1 47.4 71.0#

99 0.0 49.6 74.4#



#50

4-Methyl-2-Pentanone

Concen: 0.805 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.032 min

Lab File: VL040937.D

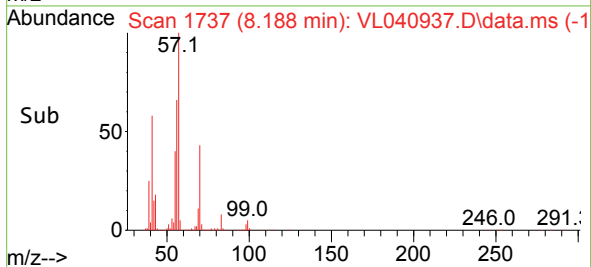
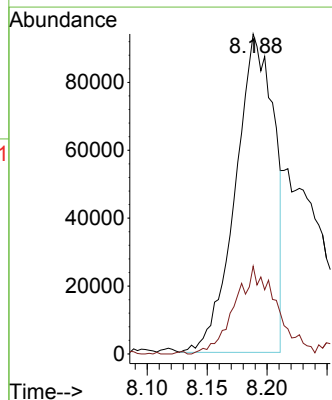
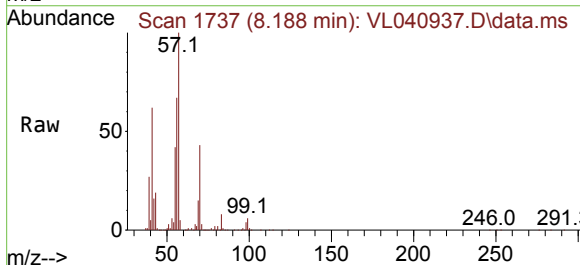
Acq: 21 Dec 2023 19:49

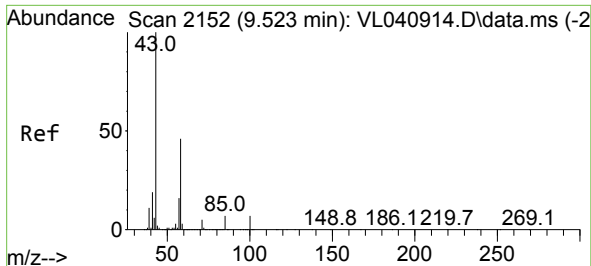
Tgt Ion: 43 Resp: 209732

Ion Ratio Lower Upper

43 100

58 30.3 27.4 41.0

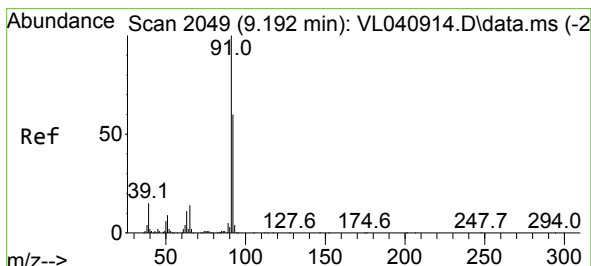
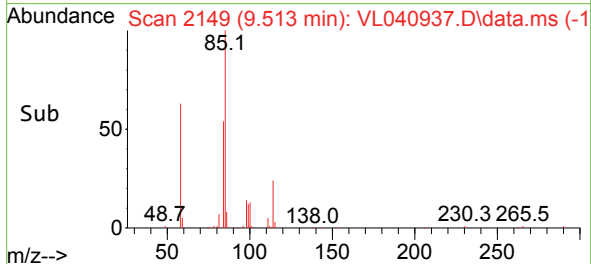
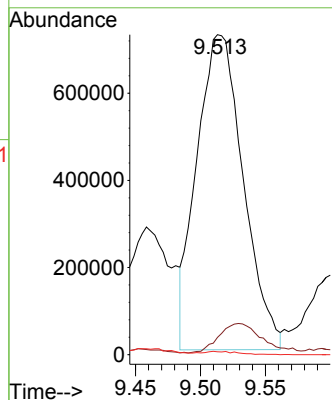
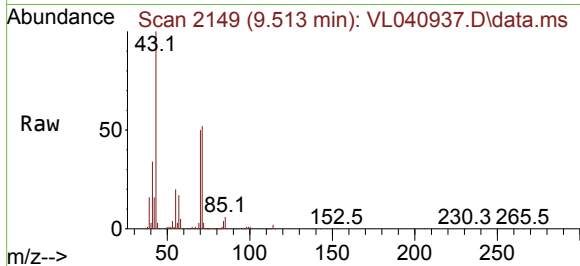




#51
2-Hexanone
Concen: 9.586 ppbv
RT: 9.513 min Scan# 2152
Delta R.T. -0.010 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

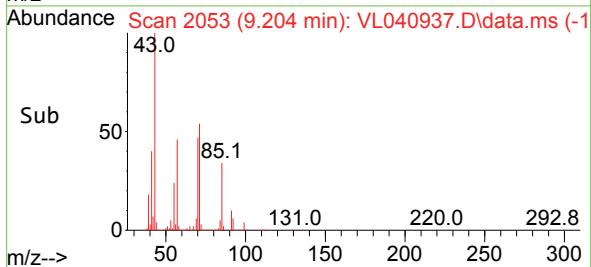
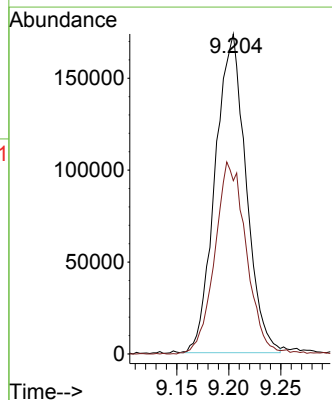
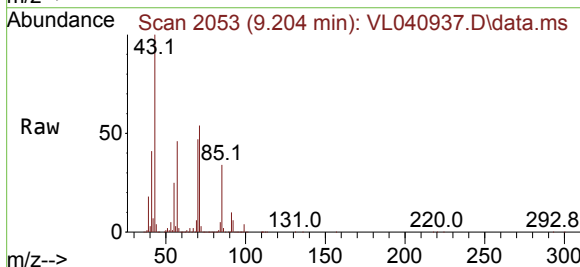
Instrument :
MSVOA_L
ClientSampleId :
SV1

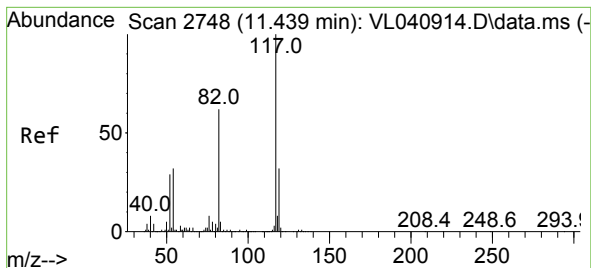
Tgt Ion: 43 Resp: 1796850
Ion Ratio Lower Upper
43 100
58 9.5 37.3 55.9#
98 0.9 0.2 0.2#



#53
Toluene
Concen: 1.269 ppbv
RT: 9.204 min Scan# 2053
Delta R.T. 0.013 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 91 Resp: 357595
Ion Ratio Lower Upper
91 100
92 62.1 49.2 73.8

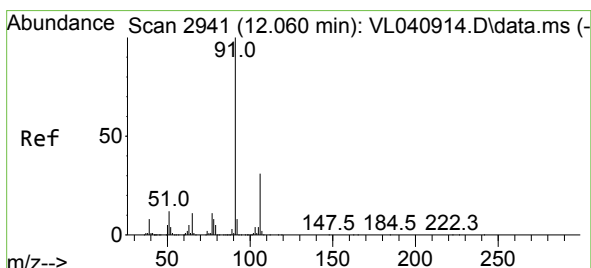
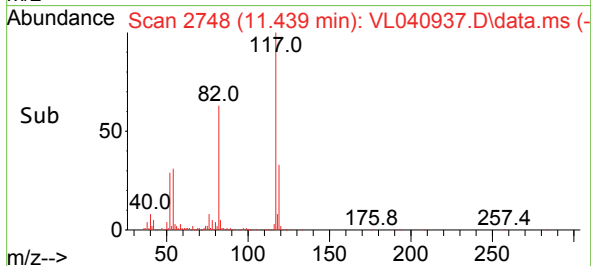
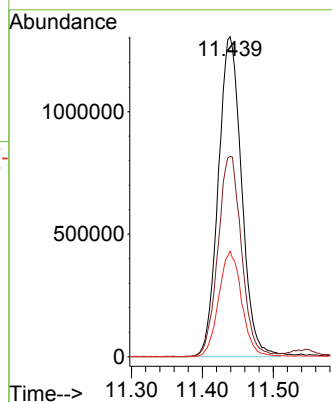
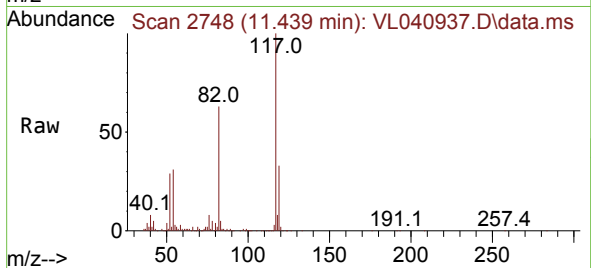




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

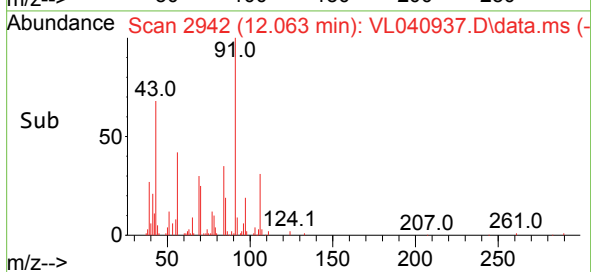
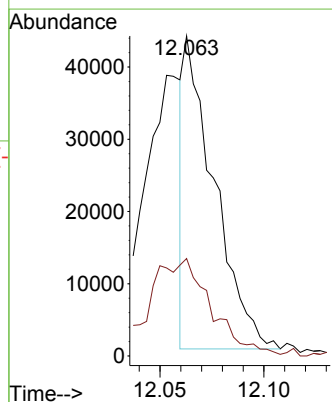
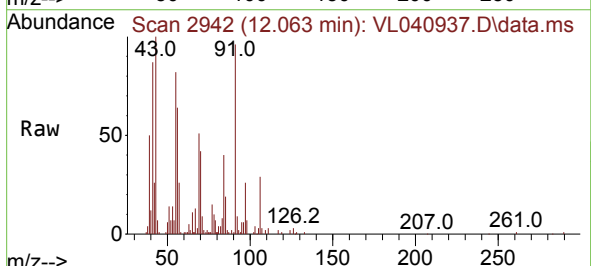
Instrument :
MSVOA_L
ClientSampleId :
SV1

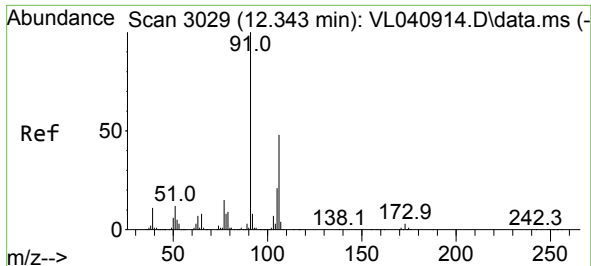
Tgt Ion:117 Resp: 2981139
Ion Ratio Lower Upper
117 100
82 63.6 49.6 74.4
119 32.8 23.4 35.0



#58
Ethyl Benzene
Concen: 0.114 ppbv
RT: 12.063 min Scan# 2942
Delta R.T. 0.003 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 91 Resp: 43757
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3





#59

m/p-Xylene

Concen: 0.064 ppbv

RT: 12.343 min Scan# 3029

Delta R.T. -0.000 min

Lab File: VL040937.D

Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

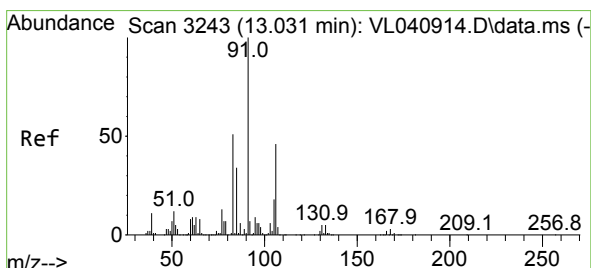
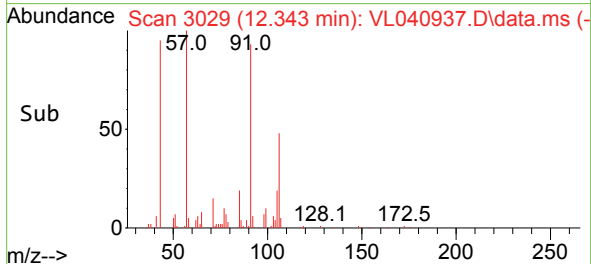
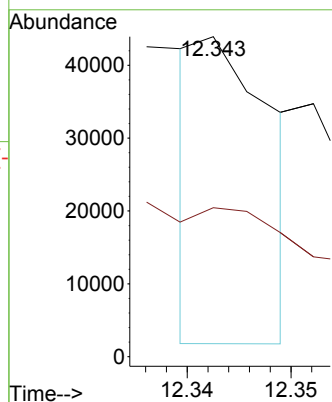
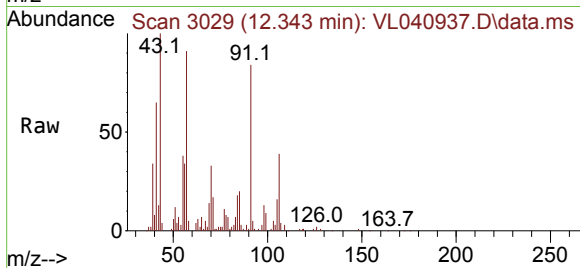
SV1

Tgt Ion: 91 Resp: 20944

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 0.314 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. -0.006 min

Lab File: VL040937.D

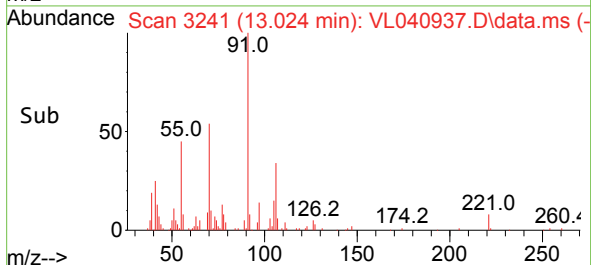
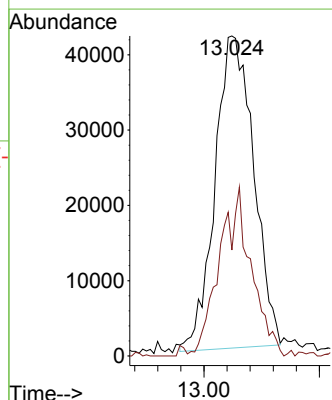
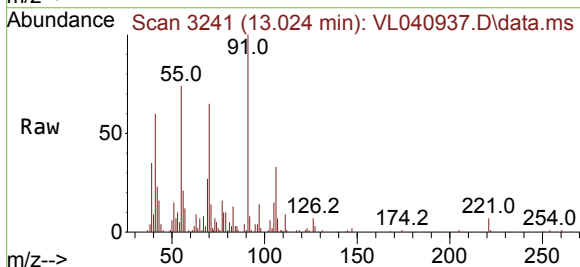
Acq: 21 Dec 2023 19:49

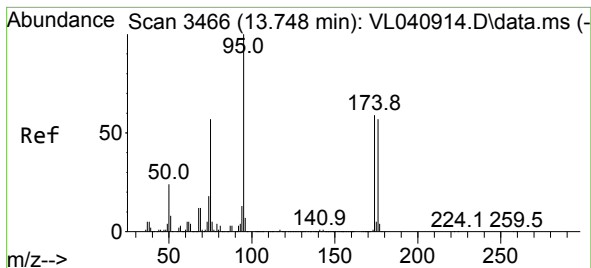
Tgt Ion: 91 Resp: 96345

Ion Ratio Lower Upper

91 100

106 45.4 22.6 67.7

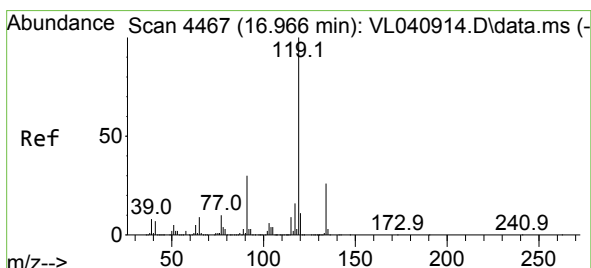
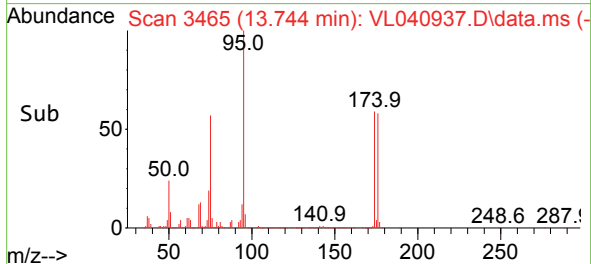
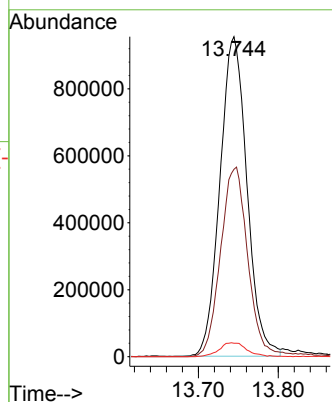
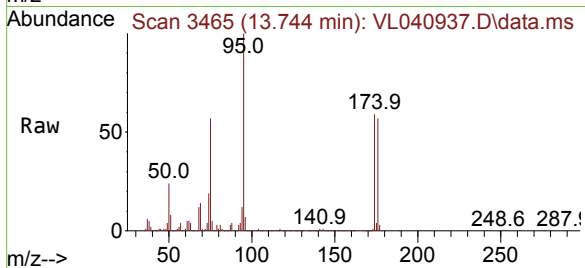




#68
1-Bromo-4-Fluorobenzene
Concen: 10.192 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

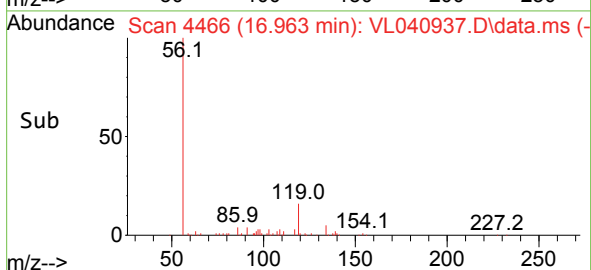
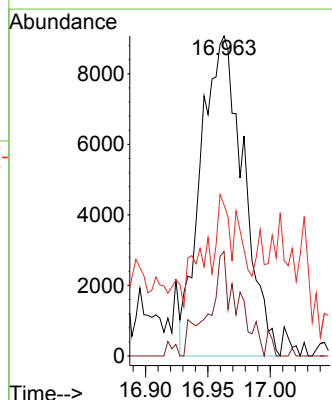
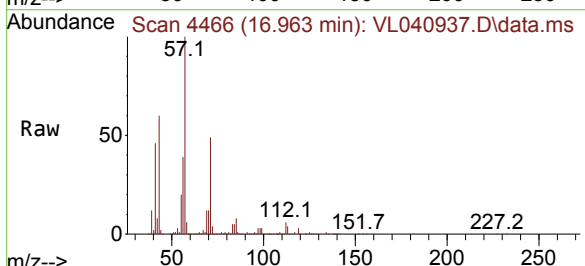
Instrument :
MSVOA_L
ClientSampleId :
SV1

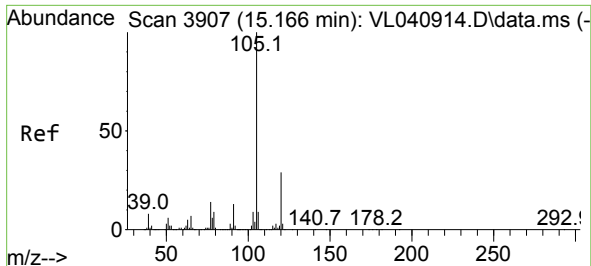
Tgt Ion: 95 Resp: 2237978
Ion Ratio Lower Upper
95 100
174 61.3 48.0 72.0
175 4.6 3.7 5.5



#69
p-Isopropyltoluene
Concen: 0.049 ppbv
RT: 16.963 min Scan# 4466
Delta R.T. -0.003 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion: 119 Resp: 21520
Ion Ratio Lower Upper
119 100
134 24.5 20.3 30.5
91 52.0 24.1 36.1#

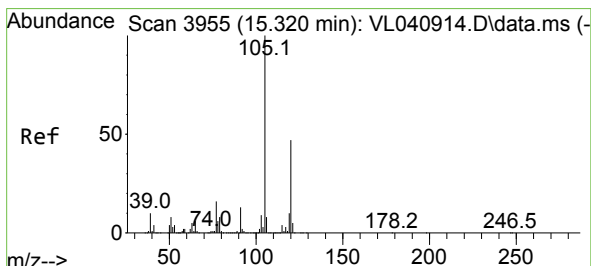
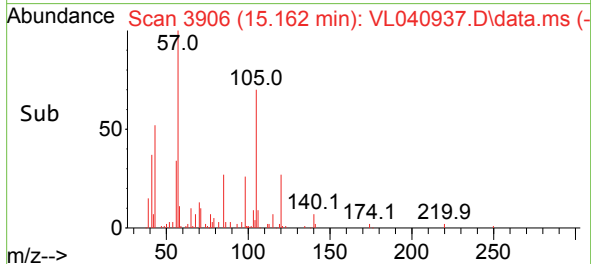
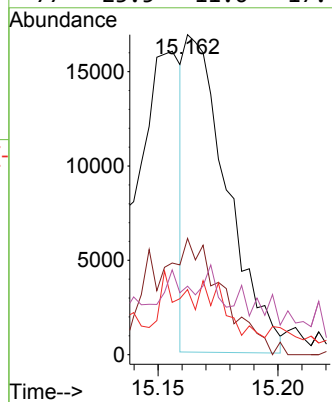
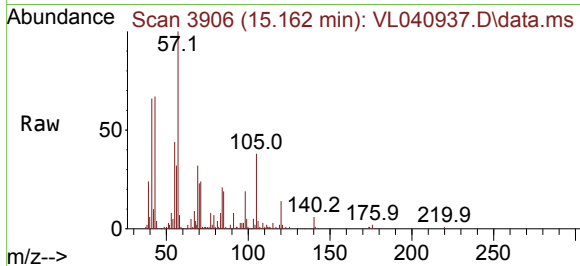




#72
4-Ethyltoluene
Concen: 0.061 ppbv
RT: 15.162 min Scan# 3906
Delta R.T. -0.003 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

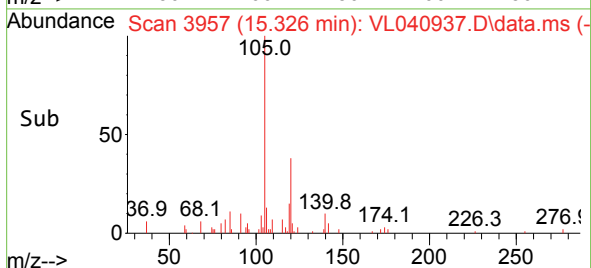
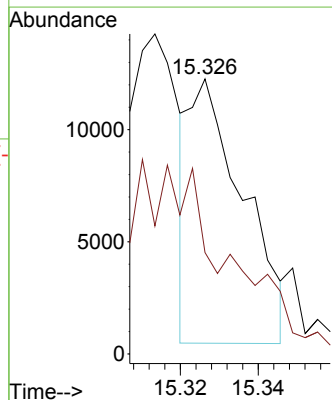
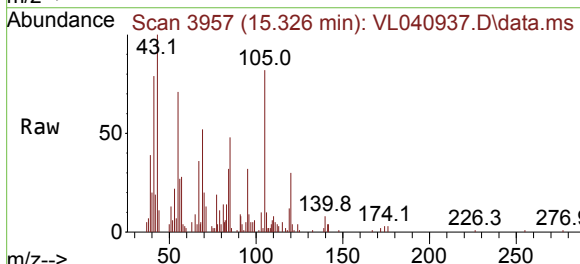
Instrument :
MSVOA_L
ClientSampleId :
SV1

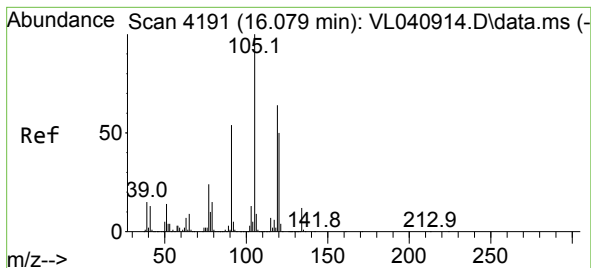
Tgt Ion:105 Resp: 20418
Ion Ratio Lower Upper
105 100
120 58.9 23.8 35.8#
91 0.0 10.9 16.3#
77 23.5 11.6 17.4#



#73
1,3,5-Trimethylbenzene
Concen: 0.039 ppbv
RT: 15.326 min Scan# 3957
Delta R.T. 0.006 min
Lab File: VL040937.D
Acq: 21 Dec 2023 19:49

Tgt Ion:105 Resp: 11352
Ion Ratio Lower Upper
105 100
120 25.4 37.8 56.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.179 ppbv

RT: 16.079 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040937.D

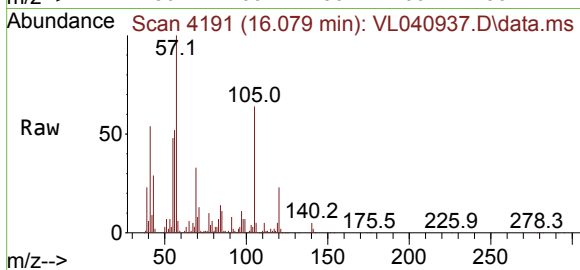
Acq: 21 Dec 2023 19:49

Instrument :

MSVOA_L

ClientSampleId :

SV1



Tgt Ion:105 Resp: 57758

Ion Ratio Lower Upper

105 100

120 34.6 40.2 60.4#

91 10.6 43.0 64.6#

77 12.8 18.9 28.3#

