

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040188.D
 Acq On : 16 Feb 2023 21:41
 Operator : SY/MD
 Sample : 01550-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-05DL

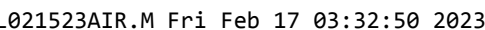
Quant Time: Feb 17 03:32:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

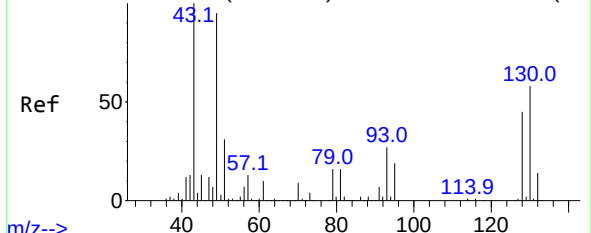
Internal Standards						
1) Bromochloromethane	5.192	49	987271	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.658	114	2531287	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.475	117	2229772	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1682579	9.177	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	21430	0.116	ppbv	97
3) Chlorodifluoromethane	2.668	51	13313	0.113	ppbv #	90
4) Chloromethane	2.809	50	6464	0.087	ppbv	90
7) Chloroethane	3.189	64	966	0.041	ppbv	92
9) Propene	2.687	41	420994	8.757	ppbv	92
10) Heptane	7.587	43	60852	0.532	ppbv #	26
11) Trichlorofluoromethane	3.562	101	7267	0.044	ppbv #	79
13) Ethanol	3.240	45	32363	7.312	ppbv	90
15) Acetone	3.459	43	2515580	21.164	ppbv	94
16) 1,3-Butadiene	2.960	39	247822	4.565	ppbv #	29
17) tert-Butyl alcohol	3.890	59	131249	1.211	ppbv	98
19) Isopropyl Alcohol	3.584	45	18747	0.332	ppbv #	90
20) Methylene Chloride	3.931	84	70331	1.137	ppbv	92
21) Allyl Chloride	3.989	41	2417	0.033	ppbv #	46
23) Vinyl Acetate	4.610	43	47301	1.311	ppbv #	24
25) Ethyl Acetate	5.211	43	116788	0.529	ppbv #	80
26) Hexane	5.211	57	163041	1.719	ppbv #	37
27) Carbon Disulfide	4.121	76	20271	0.168	ppbv #	63
29) Chloroform	5.275	83	17157	0.105	ppbv	84
30) Cyclohexane	6.600	84	24633	0.331	ppbv	86
34) 2-Butanone	4.787	43	227025	1.818	ppbv	97
36) Benzene	6.372	78	115224	0.585	ppbv	98
39) 1,2-Dichloropropane	6.655	63	618953	8.077	ppbv #	25
44) 2,2,4-Trimethylpentane	7.333	57	1993813	6.063	ppbv	95
50) 4-Methyl-2-Pentanone	8.205	43	8580	0.044	ppbv #	10
51) 2-Hexanone	9.565	43	116036	0.778	ppbv #	98
52) Tetrachloroethene	10.632	164	7223	0.117	ppbv #	76
53) Toluene	9.230	91	284789	1.350	ppbv	100
58) Ethyl Benzene	12.102	91	95170	0.351	ppbv #	87
59) m/p-Xylene	12.349	91	265706	1.107	ppbv	93
60) o-Xylene	13.069	91	112788	0.488	ppbv	94
62) Isopropylbenzene	14.037	105	12466	0.038	ppbv #	87
64) n-propylbenzene	14.928	120	2407	0.029	ppbv #	1
72) 4-Ethyltoluene	15.201	105	8363	0.033	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.359	105	19507	0.082	ppbv	97
74) 1,2,4-Trimethylbenzene	16.124	105	111626	0.428	ppbv #	69

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

Quant Time: Feb 17 03:32:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

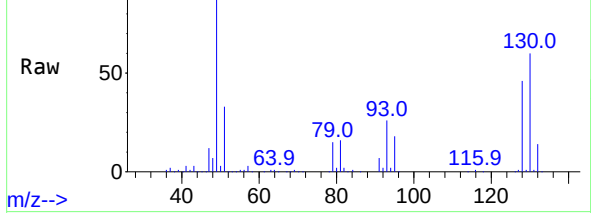


Abundance Scan 801 (5.179 min): VL040169.D\data.ms (-78



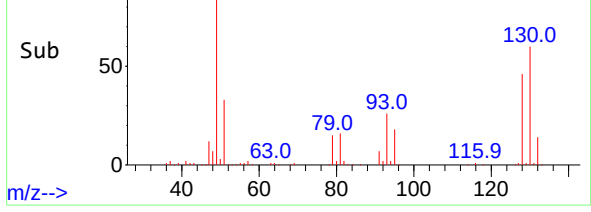
m/z-->

Abundance Scan 805 (5.192 min): VL040188.D\data.ms



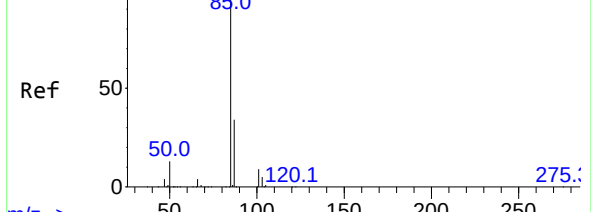
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Abundance Scan 805 (5.192 min): VL040188.D\data.ms (-64



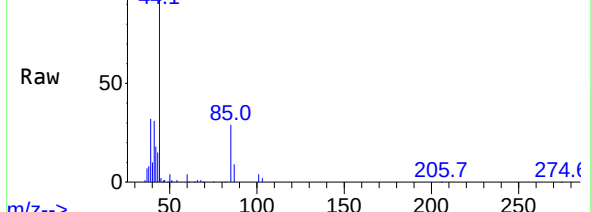
m/z-->

Abundance Scan 34 (2.713 min): VL040169.D\data.ms (-25)



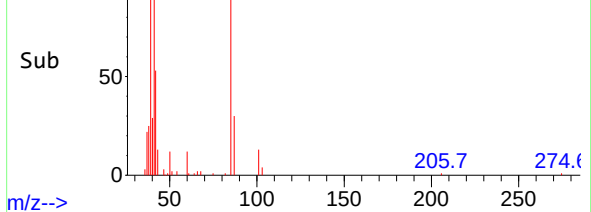
m/z-->

Abundance Scan 36 (2.719 min): VL040188.D\data.ms



m/z-->

Abundance Scan 36 (2.719 min): VL040188.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 80

Delta R.T. 0.013 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

SVP-05DL

Tgt Ion: 49 Resp: 987271

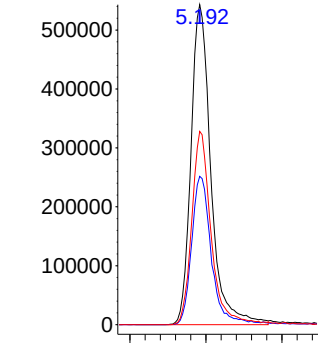
Ion Ratio Lower Upper

49 100

128 46.5 24.1 72.3

130 59.5 30.9 92.8

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 0.116 ppbv

RT: 2.719 min Scan# 36

Delta R.T. 0.006 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

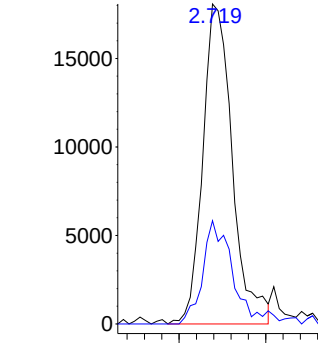
Tgt Ion: 85 Resp: 21430

Ion Ratio Lower Upper

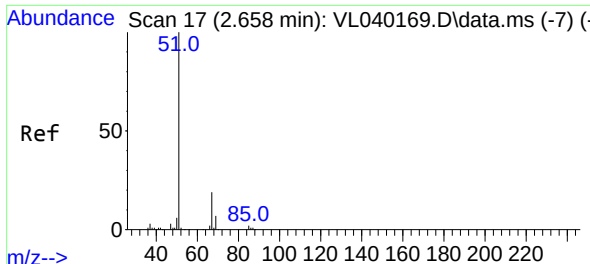
85 100

87 32.2 27.0 40.6

Abundance



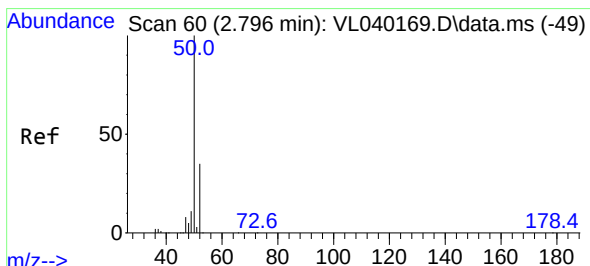
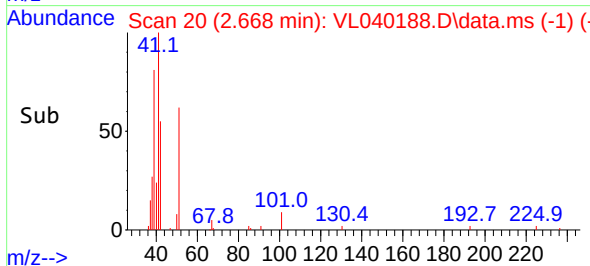
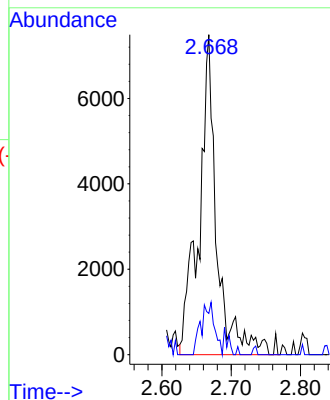
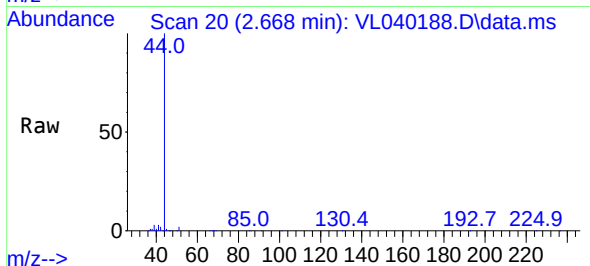
Time-->



#3
Chlorodifluoromethane
Concen: 0.113 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

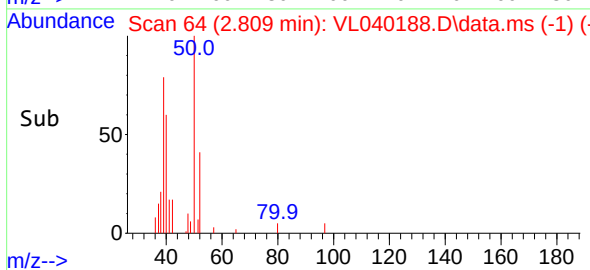
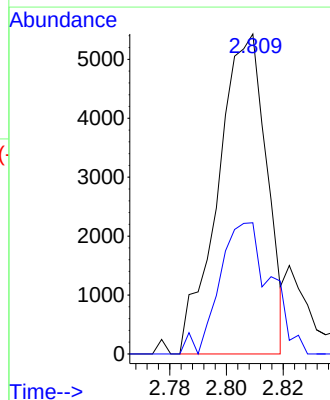
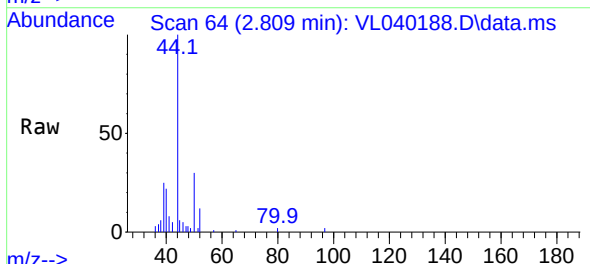
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

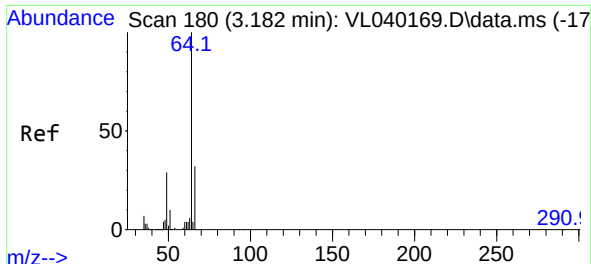
Tgt Ion: 51 Resp: 13313
Ion Ratio Lower Upper
51 100
67 14.7 15.4 23.2#



#4
Chloromethane
Concen: 0.087 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 50 Resp: 6464
Ion Ratio Lower Upper
50 100
52 41.0 28.3 42.5

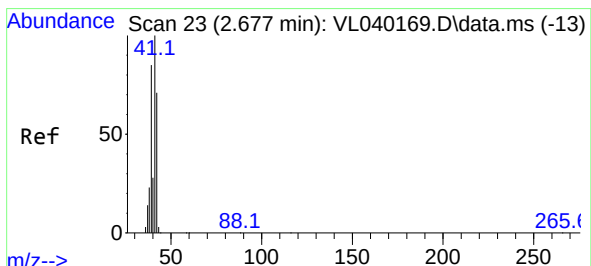
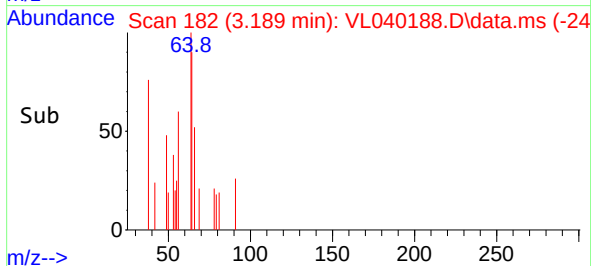
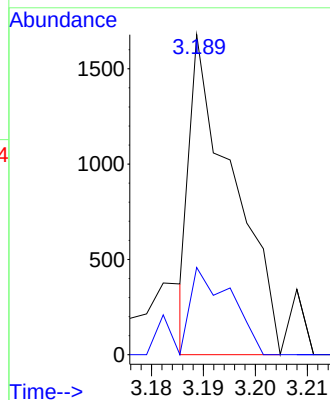
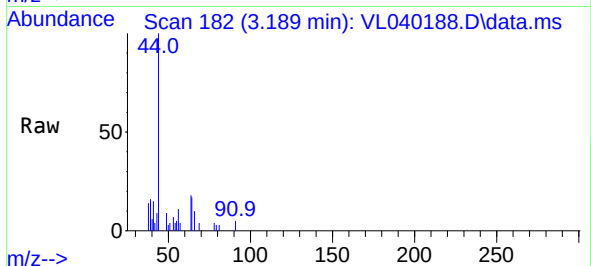




#7
Chloroethane
Concen: 0.041 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

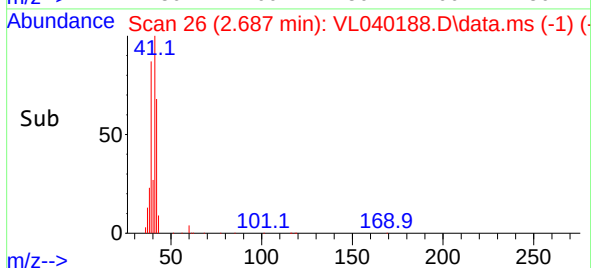
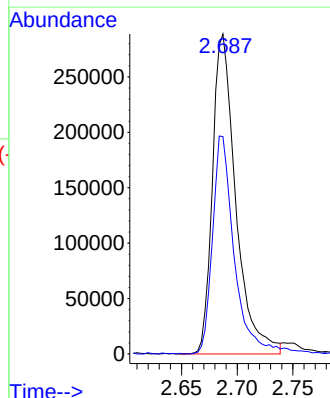
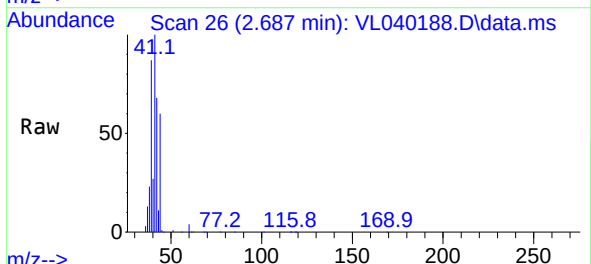
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

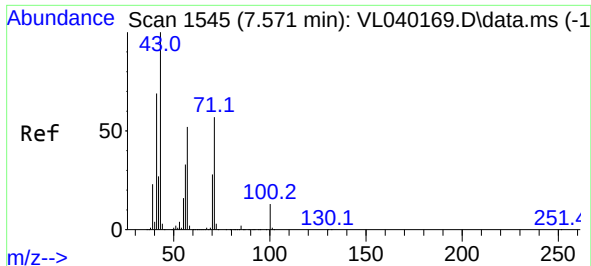
Tgt Ion: 64 Resp: 966
Ion Ratio Lower Upper
64 100
66 27.3 25.4 38.2



#9
Propene
Concen: 8.757 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 41 Resp: 420994
Ion Ratio Lower Upper
41 100
42 64.1 56.9 85.3





#10

Heptane

Concen: 0.532 ppbv

RT: 7.587 min Scan# 11

Delta R.T. 0.016 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

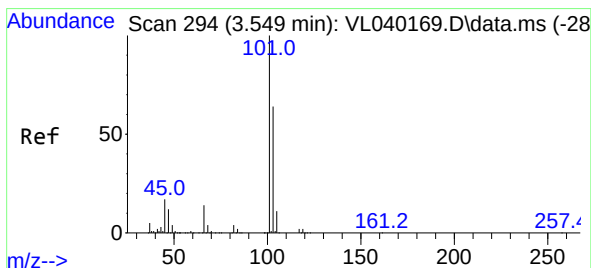
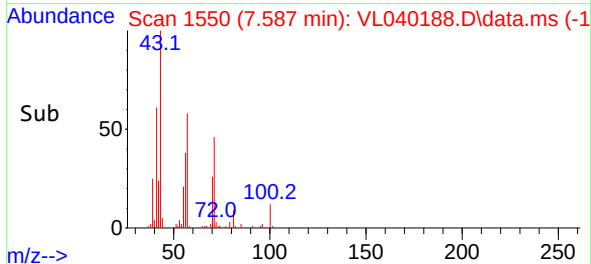
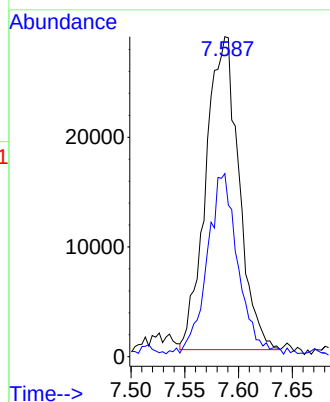
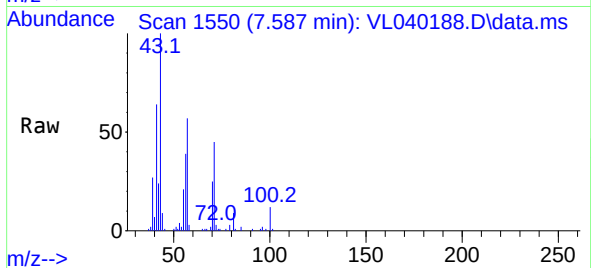
SVP-05DL

Tgt Ion: 43 Resp: 60852

Ion Ratio Lower Upper

43 100

57 0.0 41.4 62.2#



#11

Trichlorofluoromethane

Concen: 0.044 ppbv

RT: 3.562 min Scan# 298

Delta R.T. 0.013 min

Lab File: VL040188.D

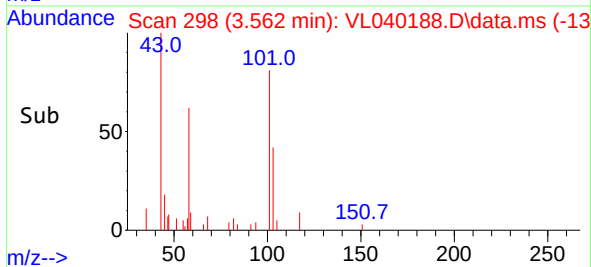
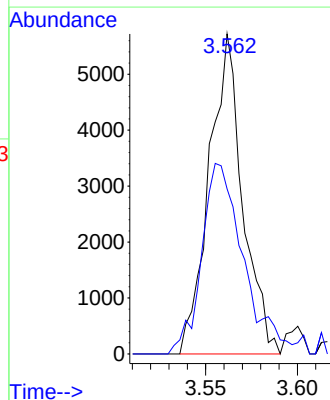
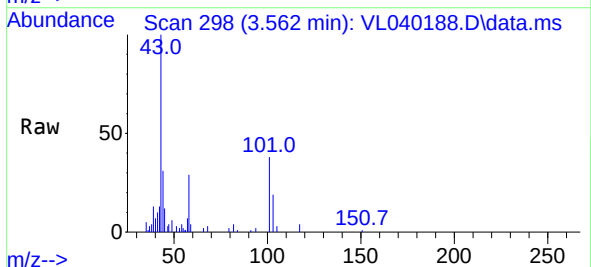
Acq: 16 Feb 2023 21:41

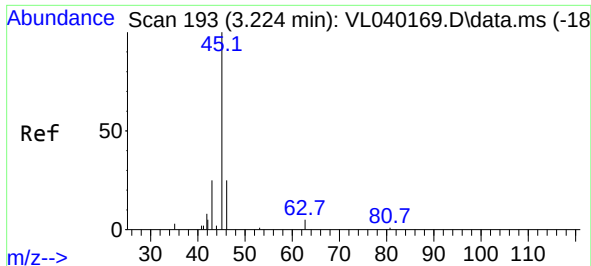
Tgt Ion:101 Resp: 7267

Ion Ratio Lower Upper

101 100

103 47.2 51.0 76.6#





#13

Ethanol

Concen: 7.312 ppbv

RT: 3.240 min Scan# 193

Delta R.T. 0.016 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

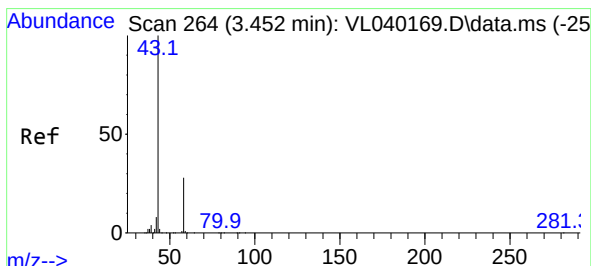
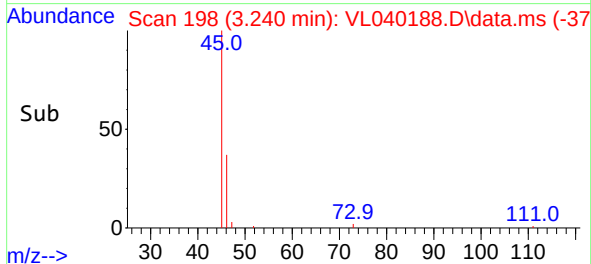
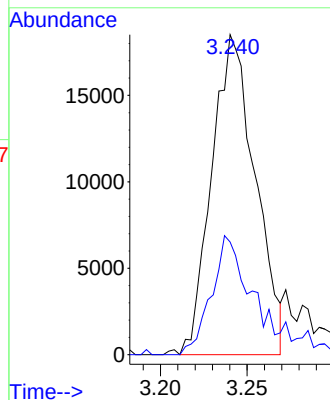
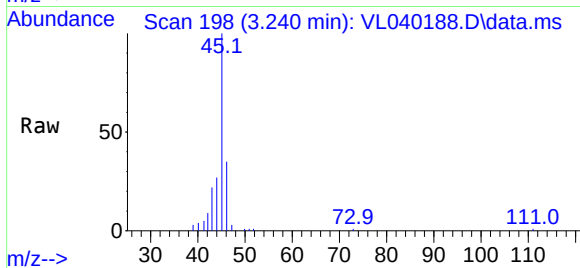
SVP-05DL

Tgt Ion: 45 Resp: 32363

Ion Ratio Lower Upper

45 100

46 38.9 13.3 53.1



#15

Acetone

Concen: 21.164 ppbv

RT: 3.459 min Scan# 266

Delta R.T. 0.006 min

Lab File: VL040188.D

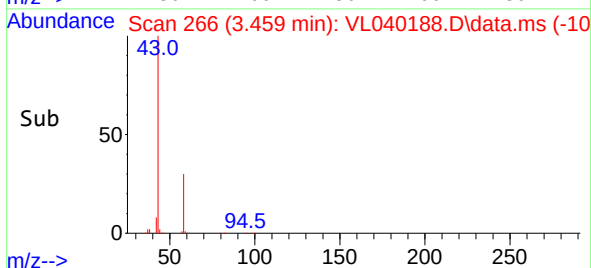
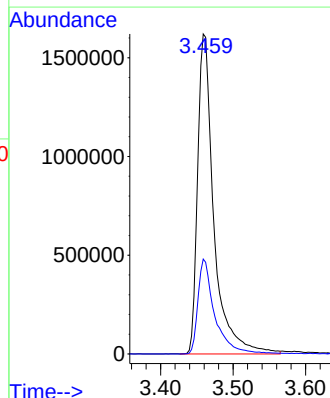
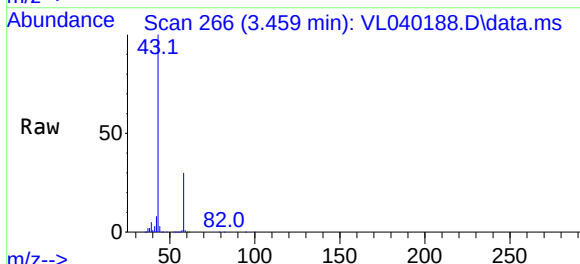
Acq: 16 Feb 2023 21:41

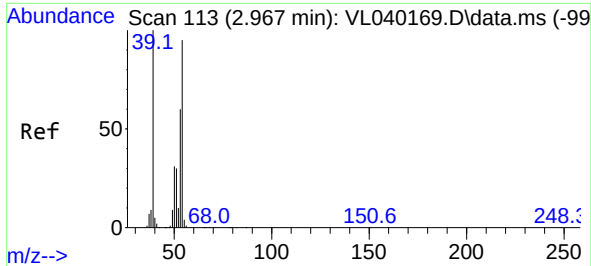
Tgt Ion: 43 Resp: 2515580

Ion Ratio Lower Upper

43 100

58 31.3 22.4 33.6

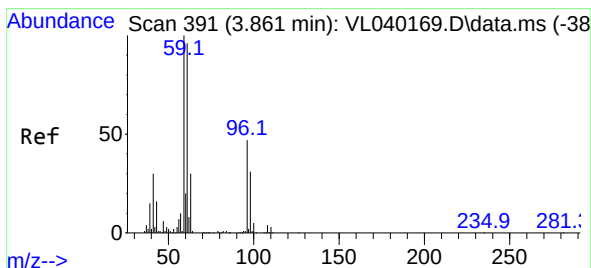
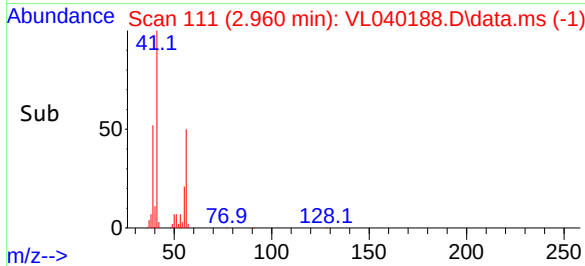
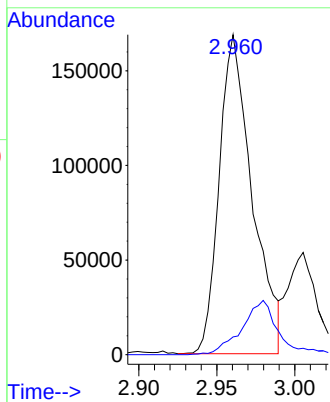
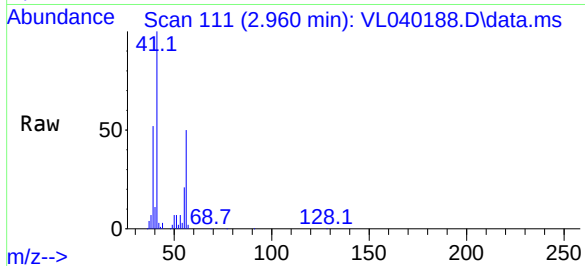




#16
1,3-Butadiene
Concen: 4.565 ppbv
RT: 2.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

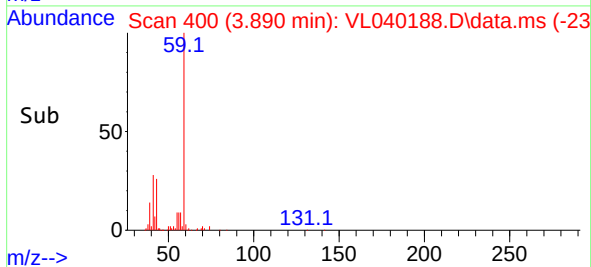
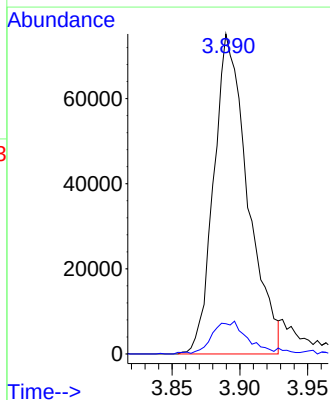
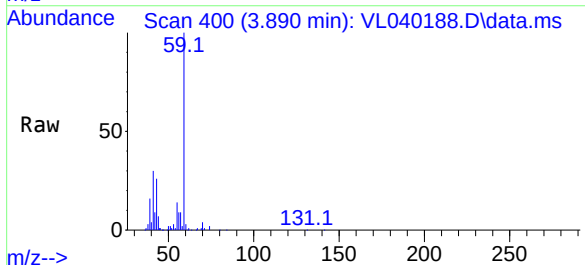
Instrument :
MSVOA_L
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SVP-05DL

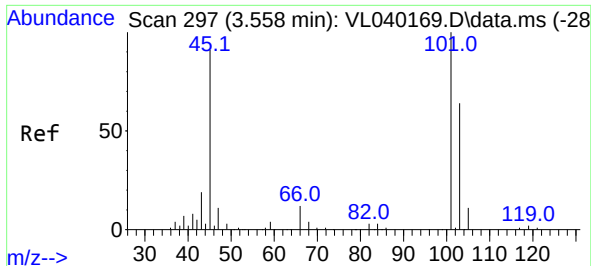
Tgt Ion: 39 Resp: 247822
Ion Ratio Lower Upper
39 100
54 19.2 66.7 100.1#



#17
tert-Butyl alcohol
Concen: 1.211 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.029 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 59 Resp: 131249
Ion Ratio Lower Upper
59 100
57 11.5 8.5 12.7





#19

Isopropyl Alcohol

Concen: 0.332 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.026 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

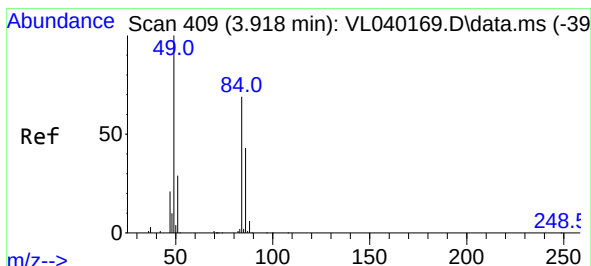
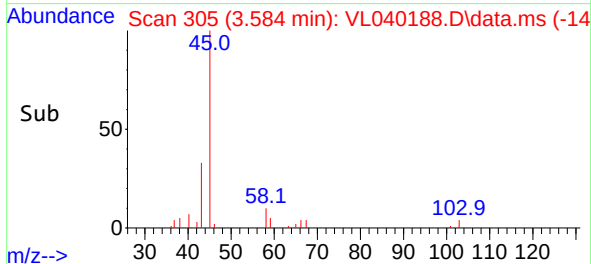
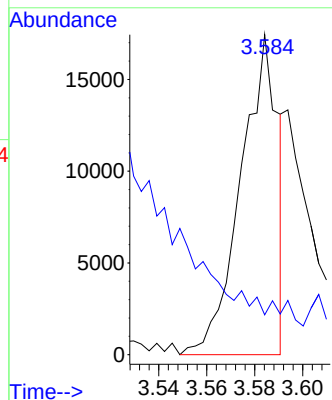
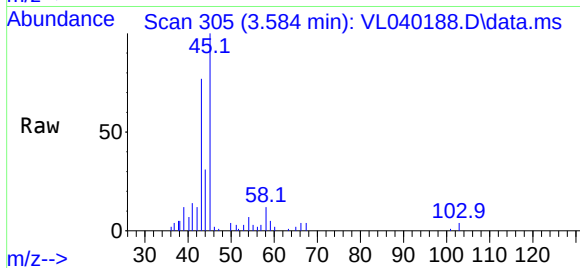
SVP-05DL

Tgt Ion: 45 Resp: 18747

Ion Ratio Lower Upper

45 100

58 0.0 2.6 3.8#



#20

Methylene Chloride

Concen: 1.137 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.013 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Tgt Ion: 84 Resp: 70331

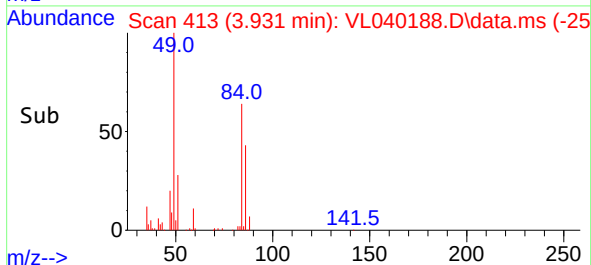
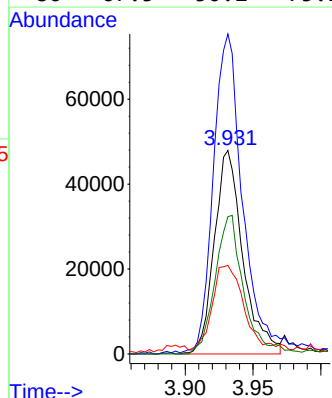
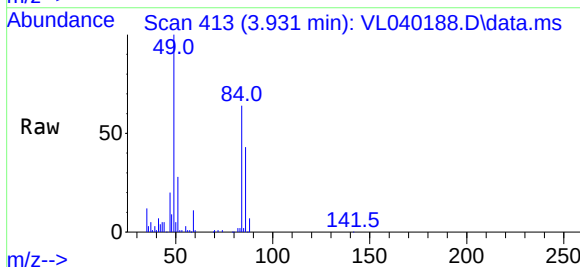
Ion Ratio Lower Upper

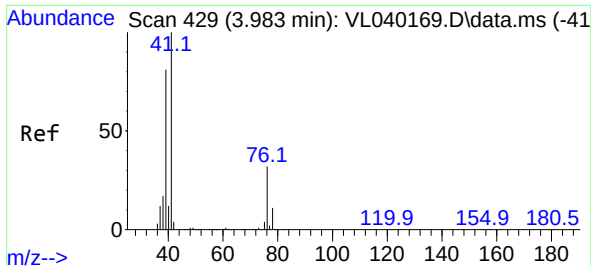
84 100

49 156.6 115.5 173.3

51 40.3 33.1 49.7

86 67.5 50.2 75.2





#21

Allyl Chloride

Concen: 0.033 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

SVP-05DL

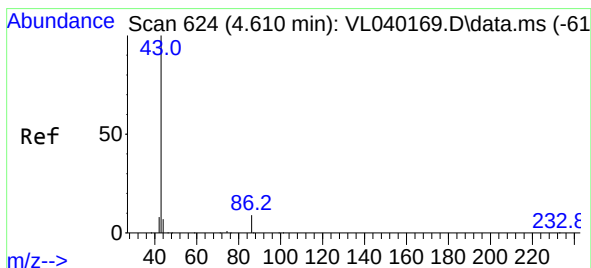
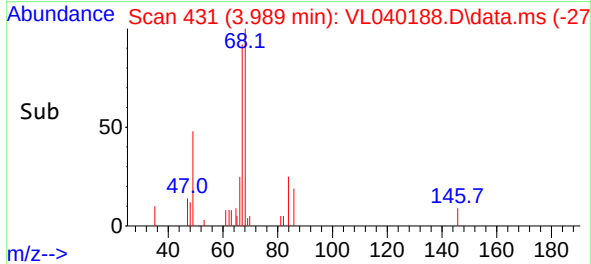
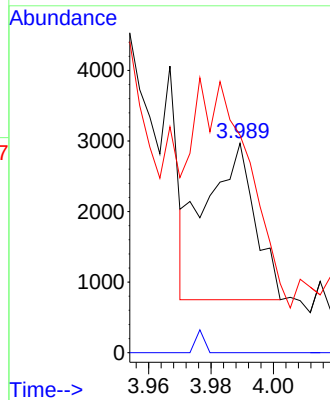
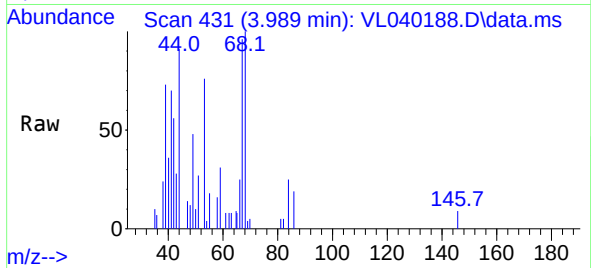
Tgt Ion: 41 Resp: 2417

Ion Ratio Lower Upper

41 100

76 0.0 25.5 38.3#

39 127.8 64.5 96.7#



#23

Vinyl Acetate

Concen: 1.311 ppbv

RT: 4.610 min Scan# 624

Delta R.T. 0.000 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Tgt Ion: 43 Resp: 47301

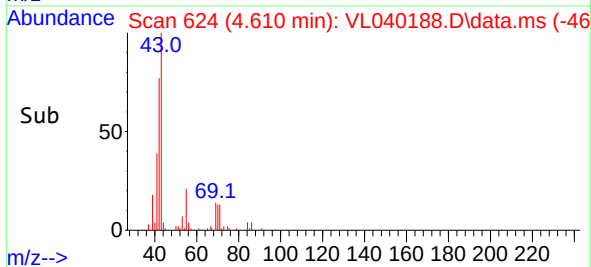
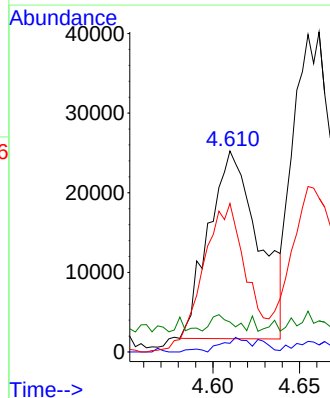
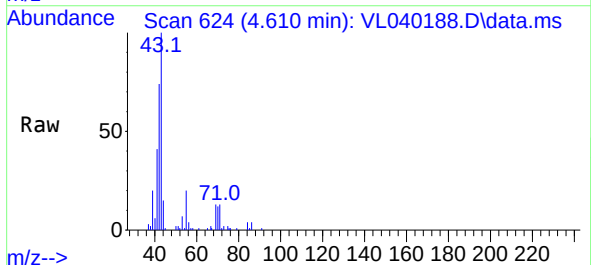
Ion Ratio Lower Upper

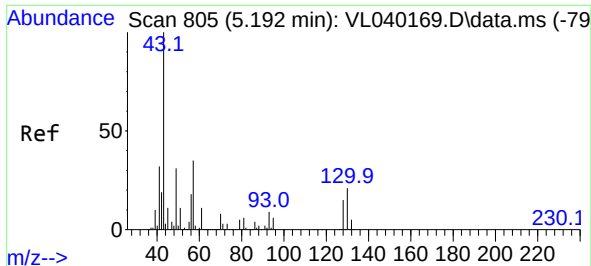
43 100

86 4.6 5.6 8.4#

42 72.6 7.6 11.4#

44 4.9 4.8 7.2



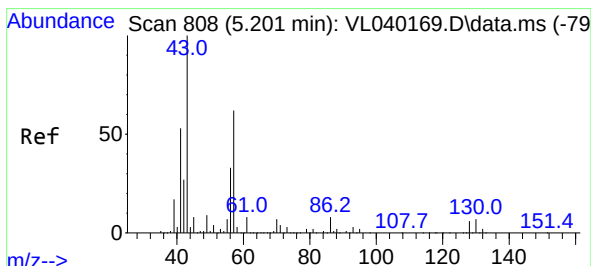
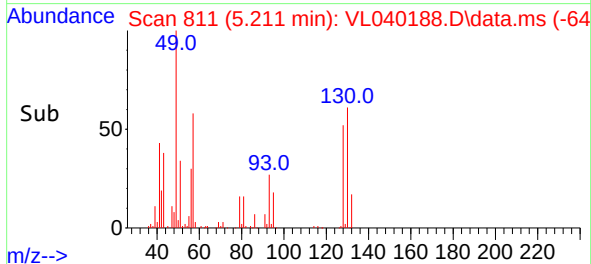
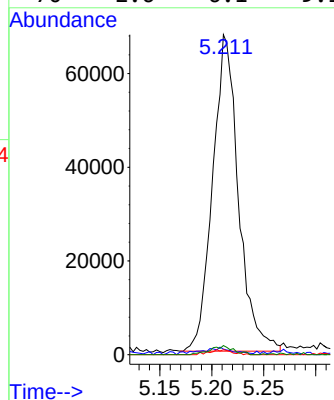
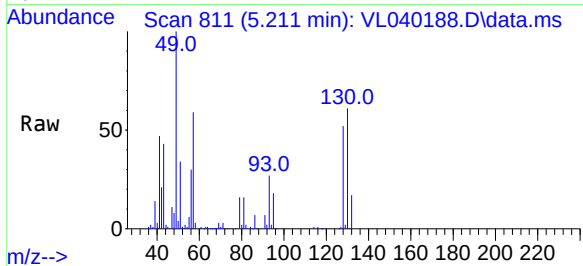


#25
Ethyl Acetate
Concen: 0.529 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.019 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

Tgt Ion: 43 Resp: 116788

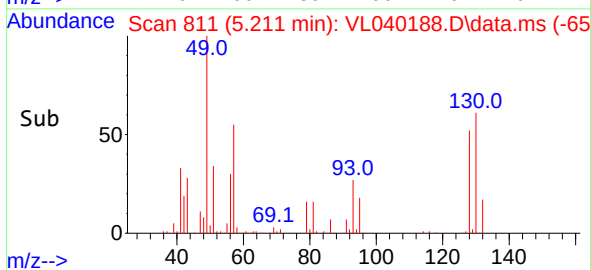
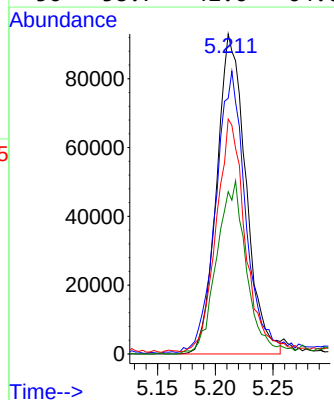
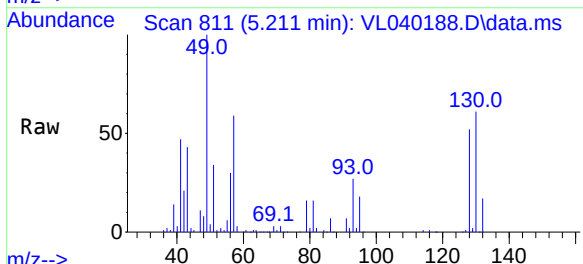
Ion	Ratio	Lower	Upper
43	100		
45	2.8	8.3	12.5#
61	1.3	8.4	12.6#
70	2.6	6.1	9.1#

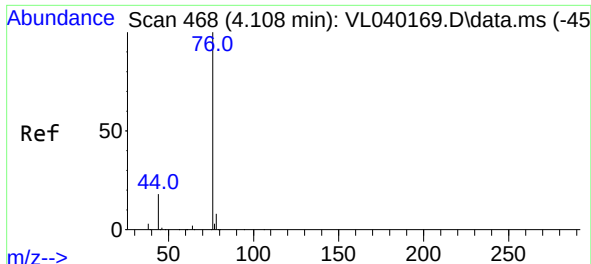


#26
Hexane
Concen: 1.719 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 57 Resp: 163041

Ion	Ratio	Lower	Upper
57	100		
41	91.4	74.3	111.5
43	72.3	193.0	289.4#
56	58.7	42.6	64.0

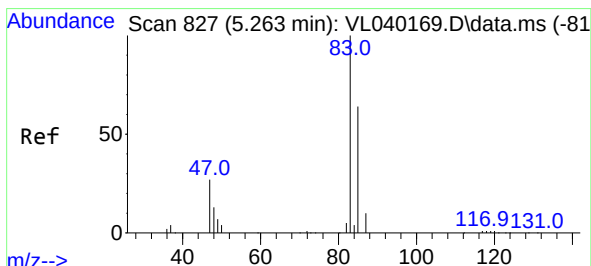
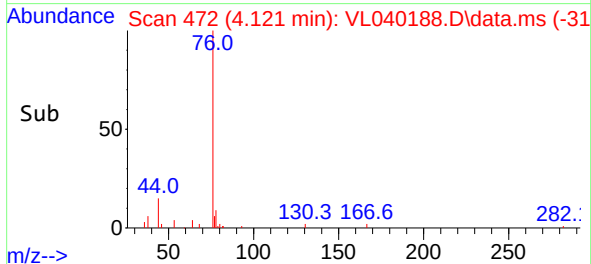
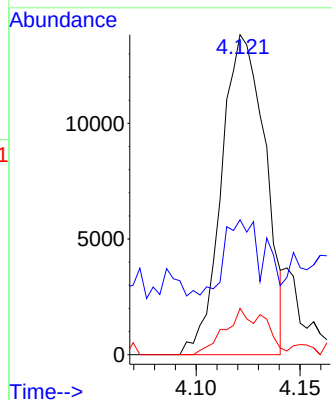
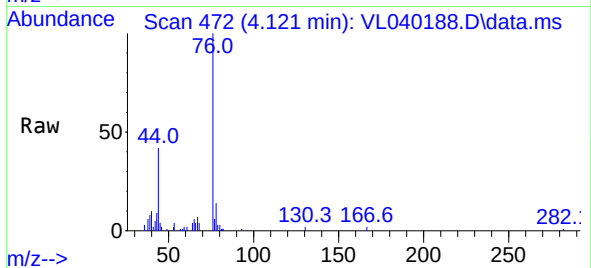




#27
Carbon Disulfide
Concen: 0.168 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

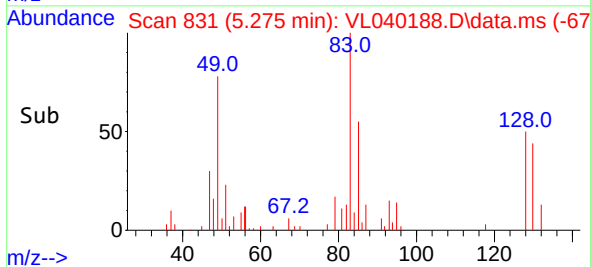
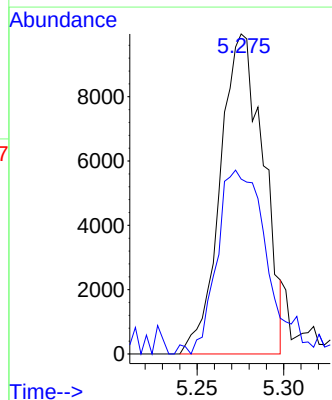
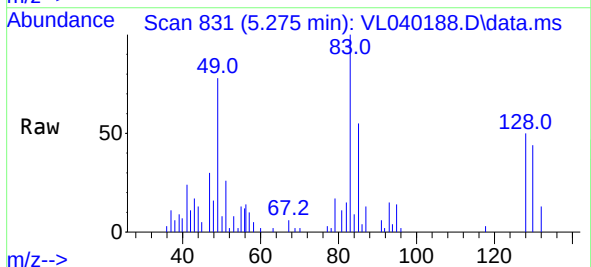
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

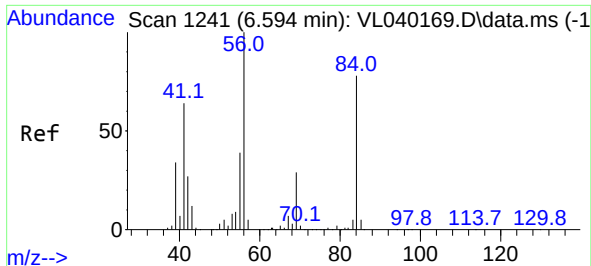
Tgt Ion: 76 Resp: 20271
Ion Ratio Lower Upper
76 100
44 40.7 15.3 22.9#
78 15.1 7.7 11.5#



#29
Chloroform
Concen: 0.105 ppbv
RT: 5.275 min Scan# 831
Delta R.T. 0.013 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 83 Resp: 17157
Ion Ratio Lower Upper
83 100
85 51.8 51.5 77.3



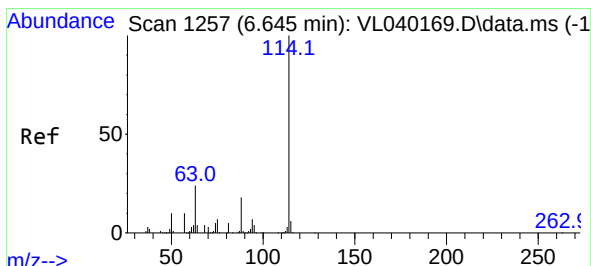
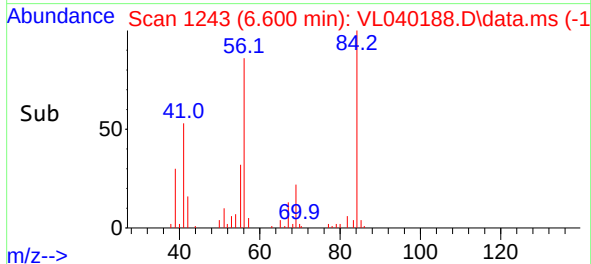
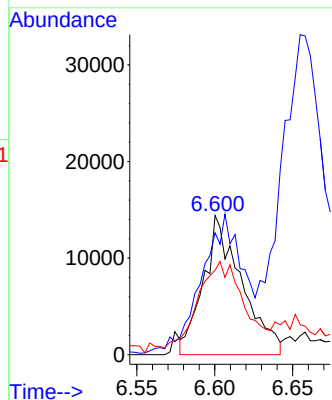
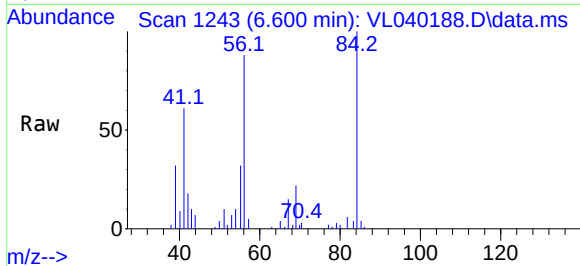


#30
Cyclohexane
Concen: 0.331 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

Tgt Ion: 84 Resp: 24633

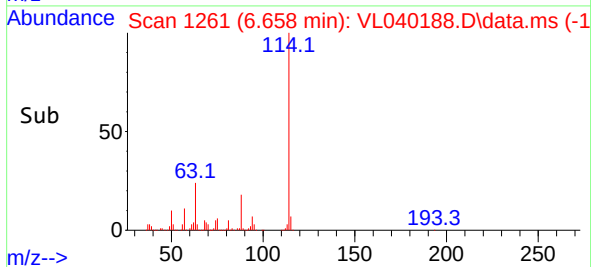
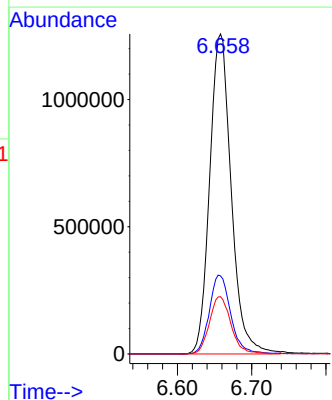
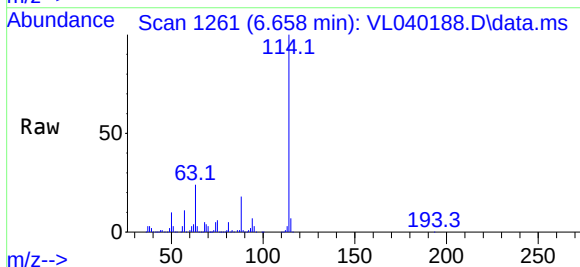
Ion	Ratio	Lower	Upper
84	100		
56	114.2	109.9	164.9
41	88.6	67.8	101.6

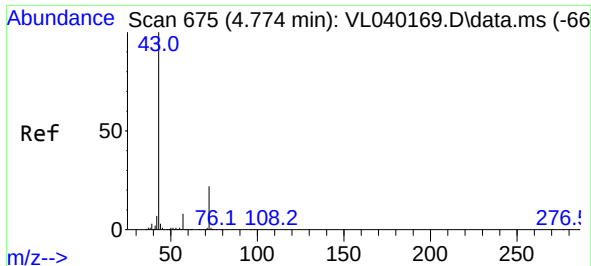


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.013 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 114 Resp: 2531287

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.4	30.6
88	18.1	14.3	21.5

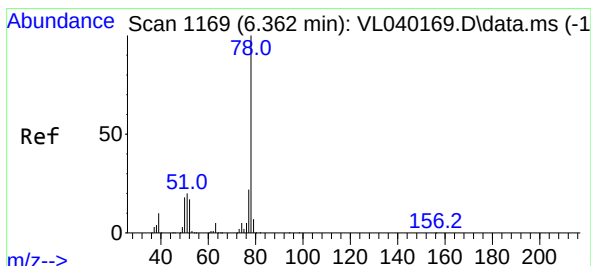
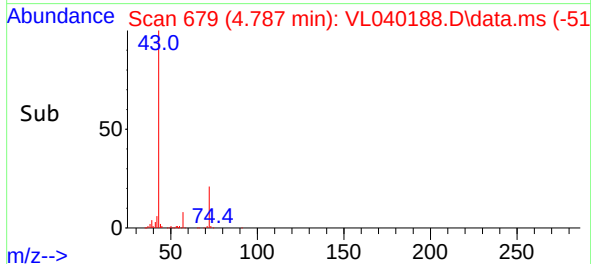
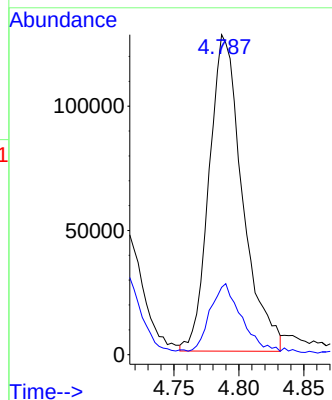
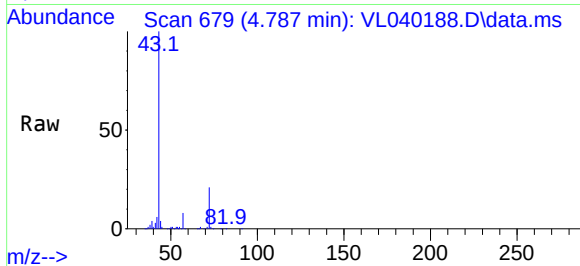




#34
2-Butanone
Concen: 1.818 ppbv
RT: 4.787 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

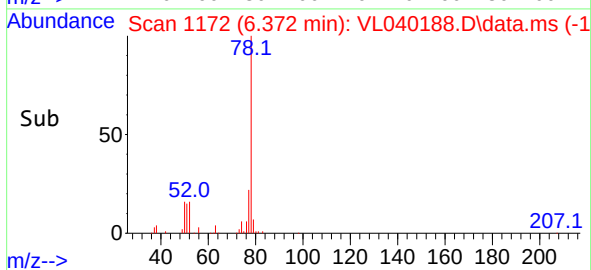
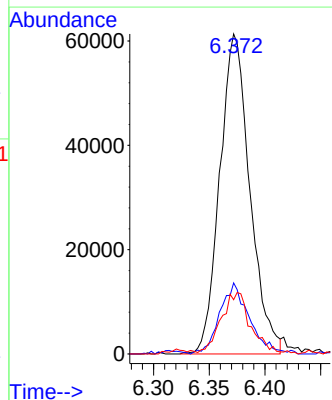
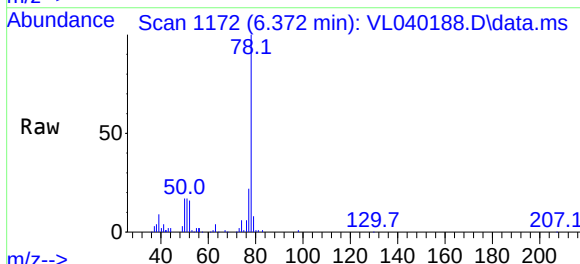
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

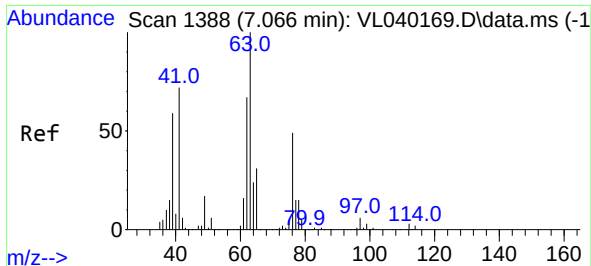
Tgt Ion: 43 Resp: 227025
Ion Ratio Lower Upper
43 100
72 23.6 17.8 26.8



#36
Benzene
Concen: 0.585 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 78 Resp: 115224
Ion Ratio Lower Upper
78 100
77 21.5 17.5 26.3
50 16.3 14.6 22.0





#39

1,2-Dichloropropane

Concen: 8.077 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.412 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

SVP-05DL

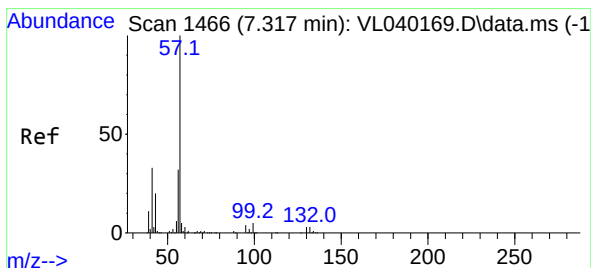
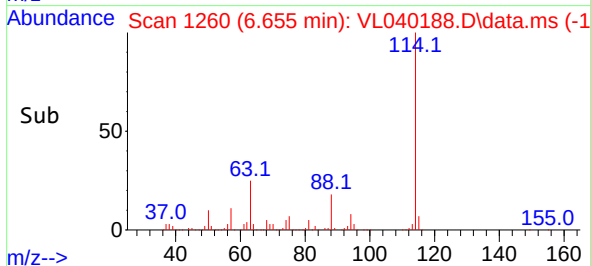
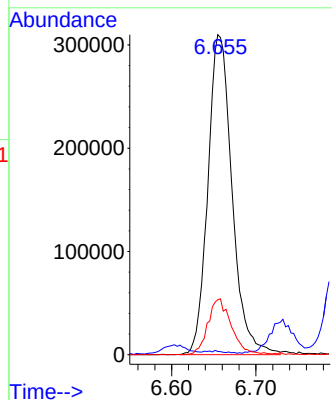
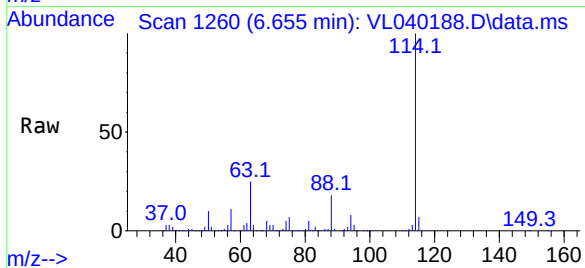
Tgt Ion: 63 Resp: 618953

Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 17.1 54.0 81.0#



#44

2,2,4-Trimethylpentane

Concen: 6.063 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.016 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

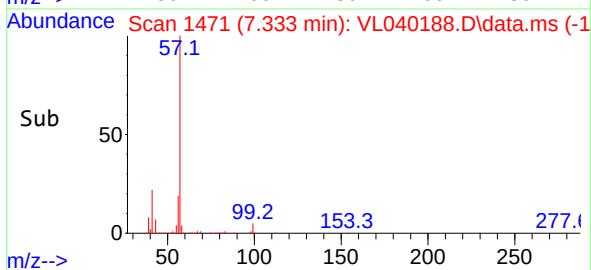
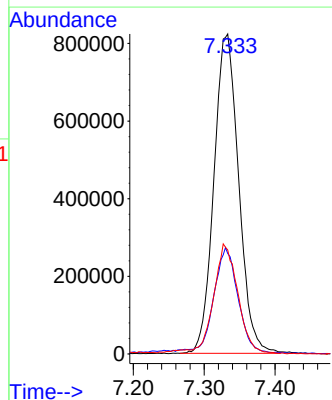
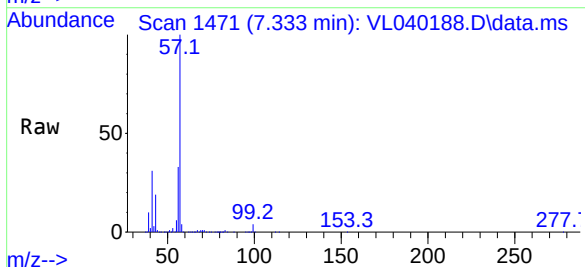
Tgt Ion: 57 Resp: 1993813

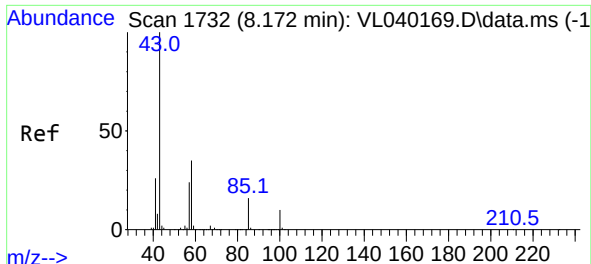
Ion Ratio Lower Upper

57 100

41 34.2 26.2 39.4

56 35.0 24.9 37.3





#50

4-Methyl-2-Pentanone

Concen: 0.044 ppbv

RT: 8.205 min Scan# 11

Delta R.T. 0.032 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

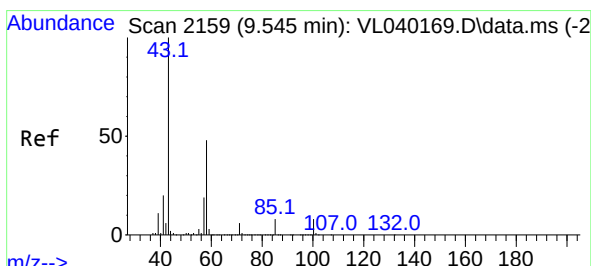
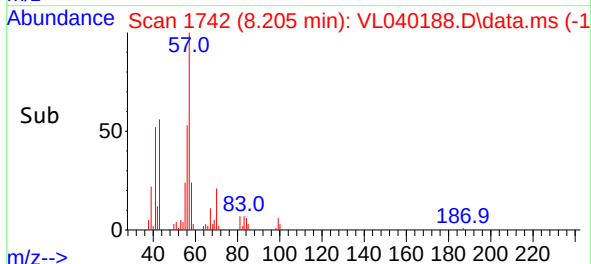
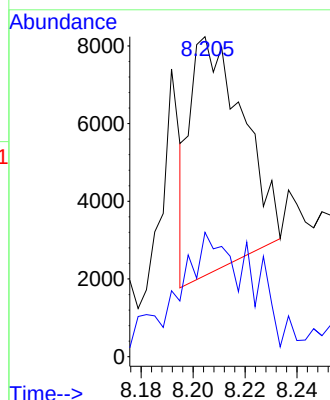
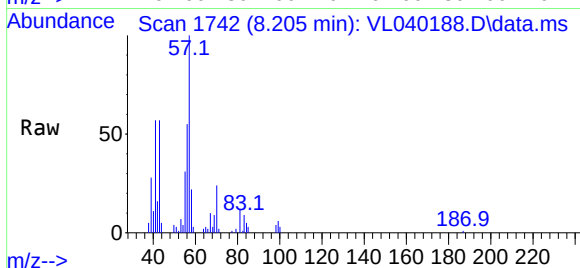
SVP-05DL

Tgt Ion: 43 Resp: 8580

Ion Ratio Lower Upper

43 100

58 89.8 29.2 43.8#



#51

2-Hexanone

Concen: 0.778 ppbv

RT: 9.565 min Scan# 2165

Delta R.T. 0.019 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

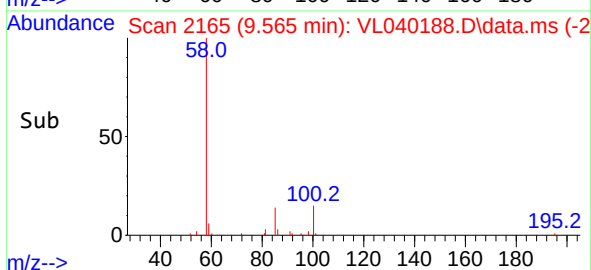
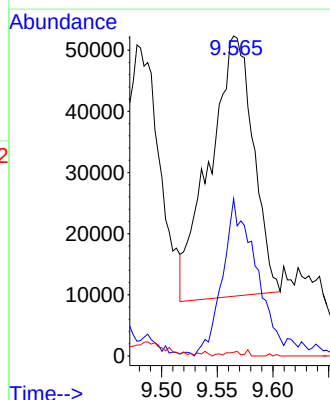
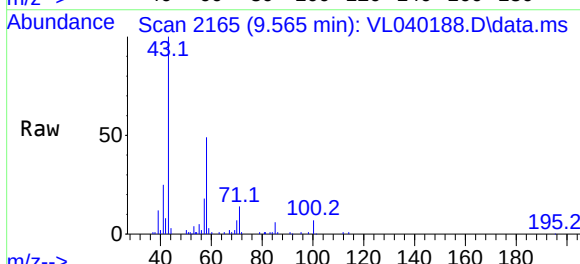
Tgt Ion: 43 Resp: 116036

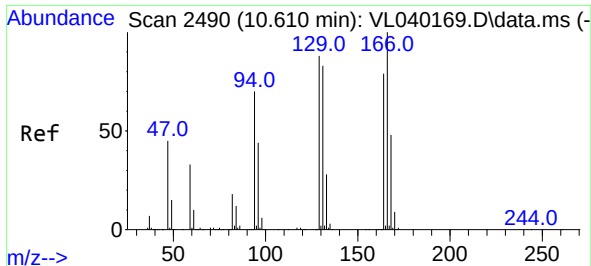
Ion Ratio Lower Upper

43 100

58 50.4 39.1 58.7

98 0.8 0.2 0.4#

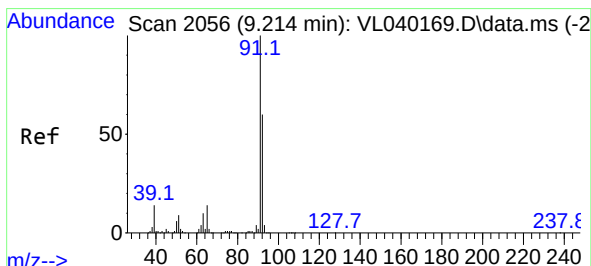
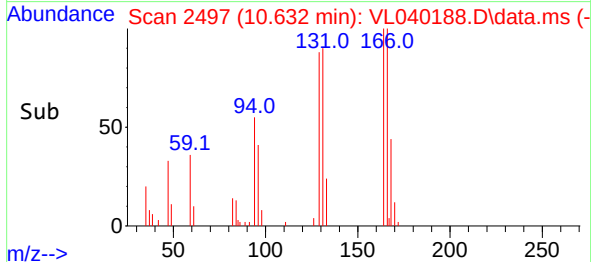
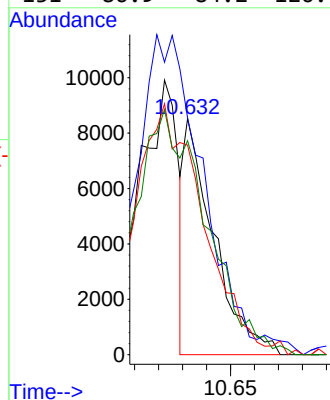
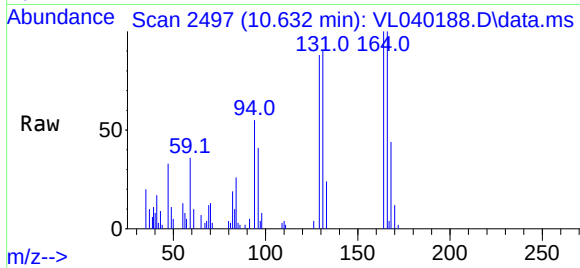




#52
Tetrachloroethene
Concen: 0.117 ppbv
RT: 10.632 min Scan# 2490
Delta R.T. 0.023 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

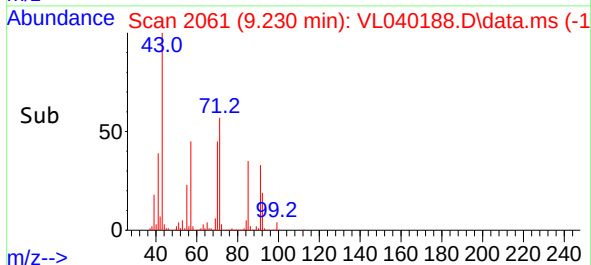
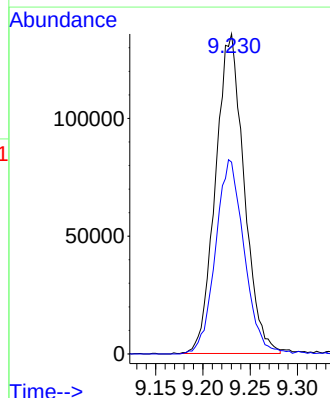
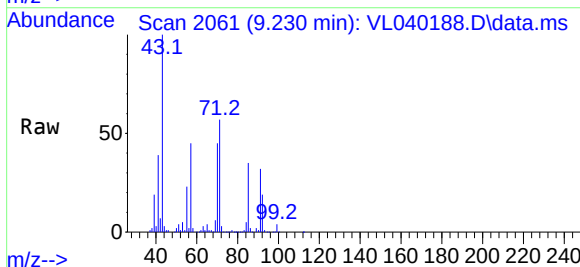
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

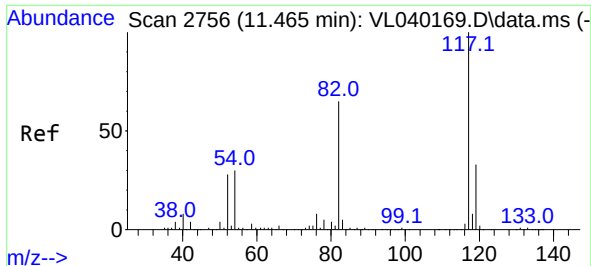
Tgt Ion:164 Resp: 7223
Ion Ratio Lower Upper
164 100
166 94.6 101.5 152.3#
129 83.1 89.0 133.4#
131 86.9 84.2 126.4



#53
Toluene
Concen: 1.350 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.016 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 91 Resp: 284789
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3

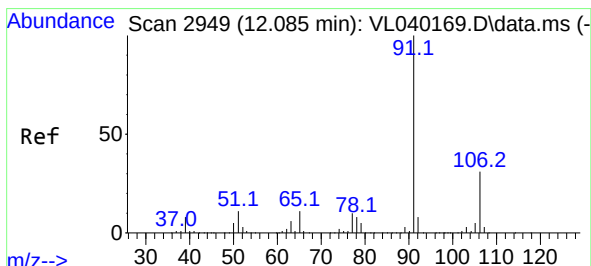
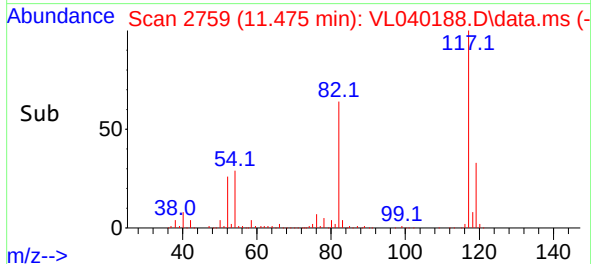
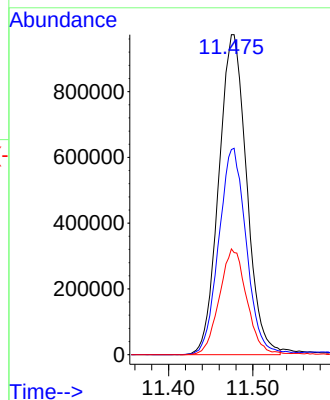
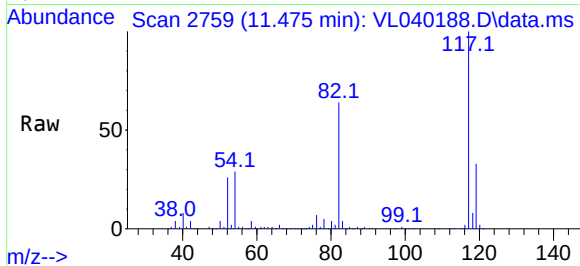




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

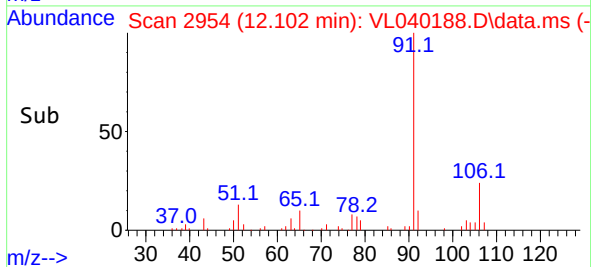
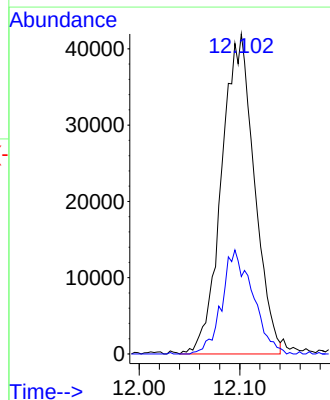
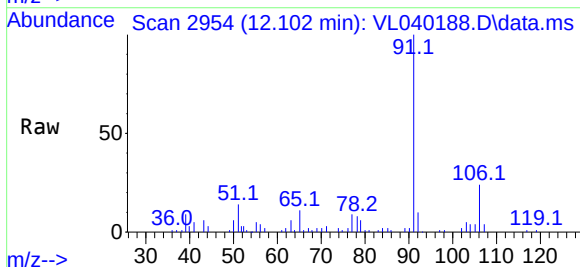
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

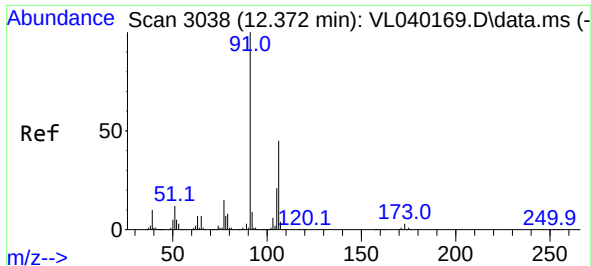
Tgt Ion:117 Resp: 2229772
Ion Ratio Lower Upper
117 100
82 64.1 53.3 79.9
119 32.9 24.6 37.0



#58
Ethyl Benzene
Concen: 0.351 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.016 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 91 Resp: 95170
Ion Ratio Lower Upper
91 100
106 24.2 24.9 37.3#





#59

m/p-Xylene

Concen: 1.107 ppbv

RT: 12.349 min Scan# 3031

Delta R.T. -0.022 min

Lab File: VL040188.D

Acq: 16 Feb 2023 21:41

Instrument :

MSVOA_L

ClientSampleId :

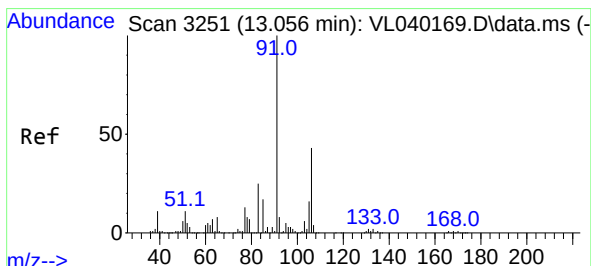
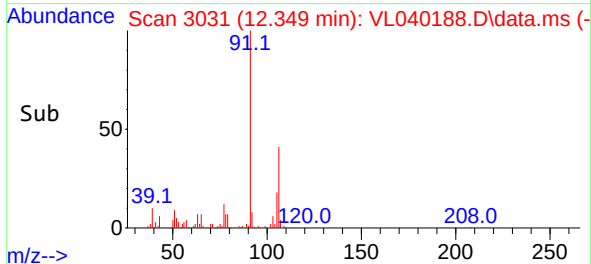
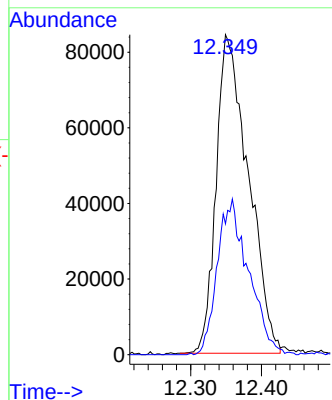
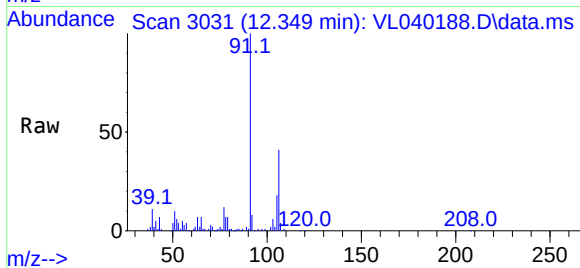
SVP-05DL

Tgt Ion: 91 Resp: 265706

Ion Ratio Lower Upper

91 100

106 47.4 34.6 51.8



#60

o-Xylene

Concen: 0.488 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.013 min

Lab File: VL040188.D

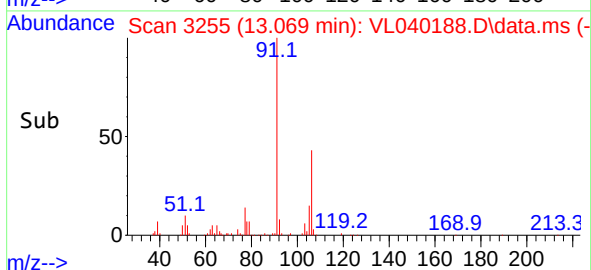
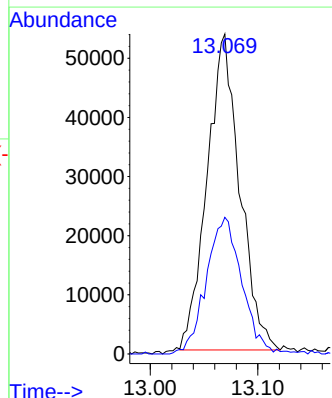
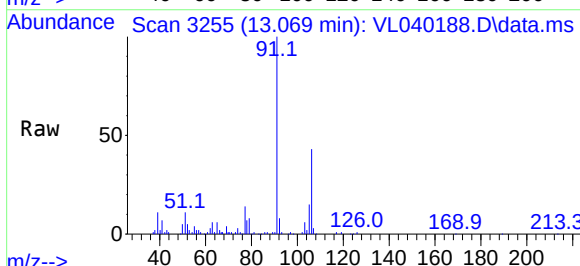
Acq: 16 Feb 2023 21:41

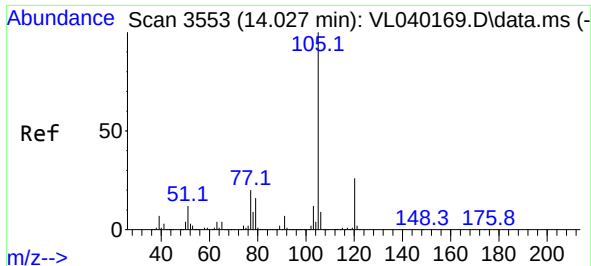
Tgt Ion: 91 Resp: 112788

Ion Ratio Lower Upper

91 100

106 47.3 21.6 65.0

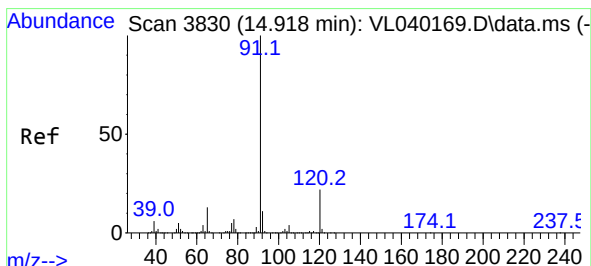
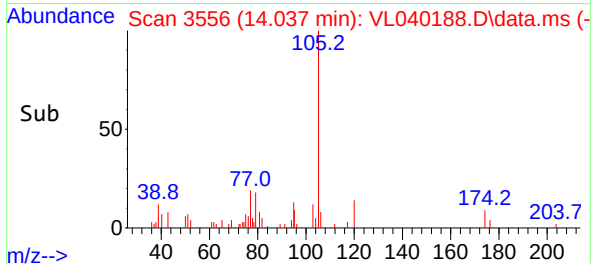
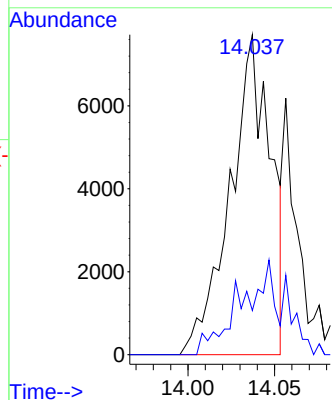
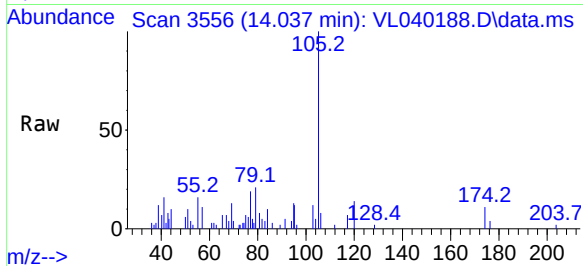




#62
Isopropylbenzene
Concen: 0.038 ppbv
RT: 14.037 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

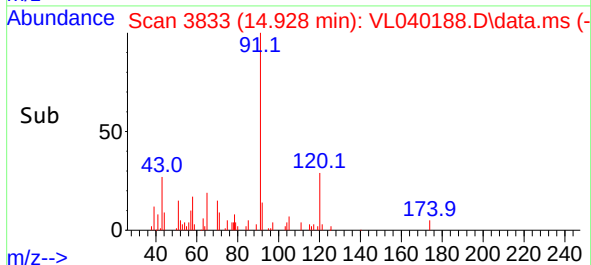
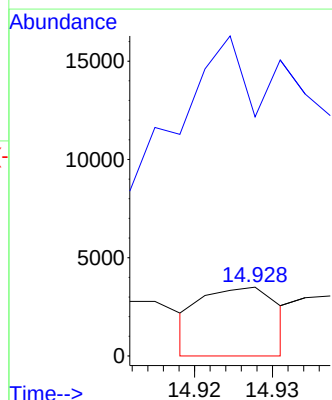
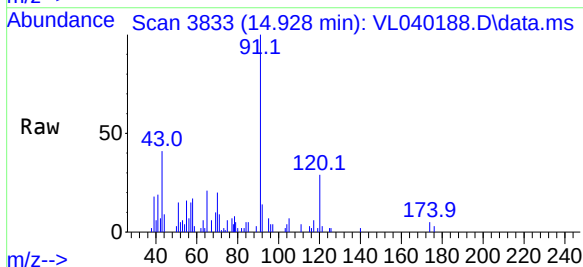
Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

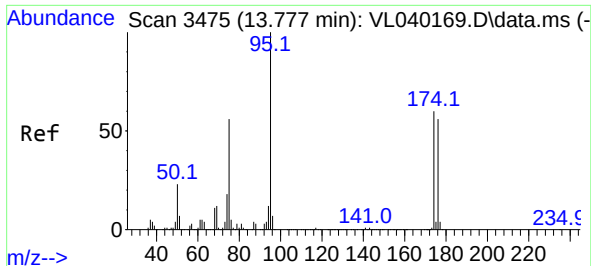
Tgt Ion:105 Resp: 12466
Ion Ratio Lower Upper
105 100
120 32.0 20.3 30.5#



#64
n-propylbenzene
Concen: 0.029 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion:120 Resp: 2407
Ion Ratio Lower Upper
120 100
91 1588.6 389.8 584.8#

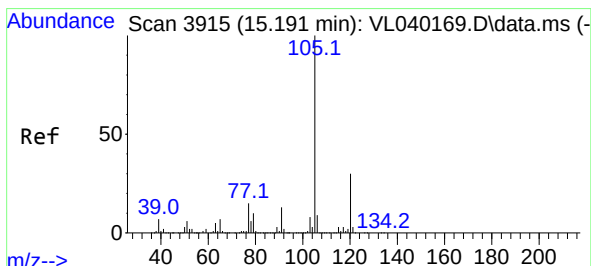
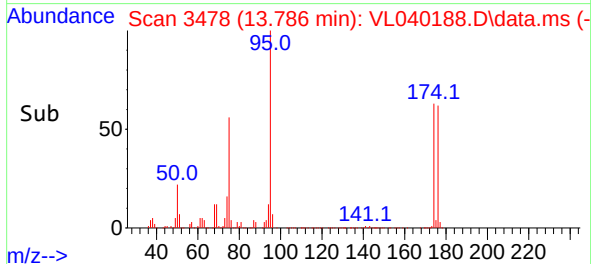
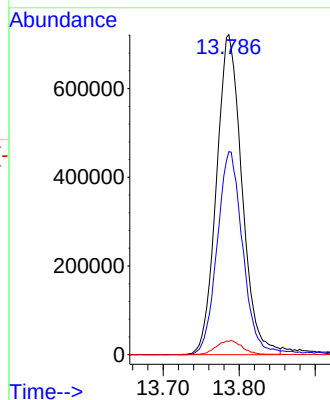
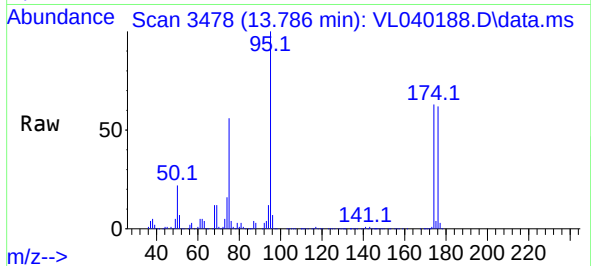




#68
1-Bromo-4-Fluorobenzene
Concen: 9.177 ppbv
RT: 13.786 min Scan# 3475
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

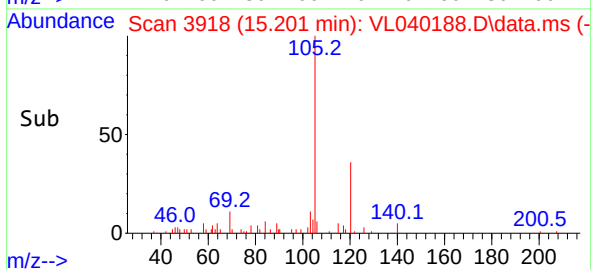
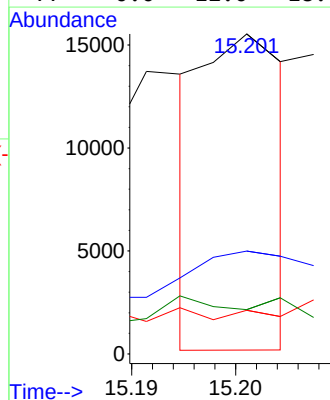
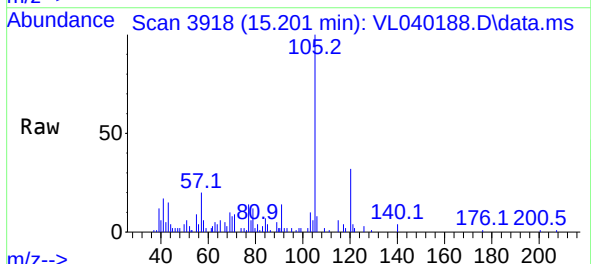
Instrument :
MSVOA_1
ClientSampleId :
SVP-05DL

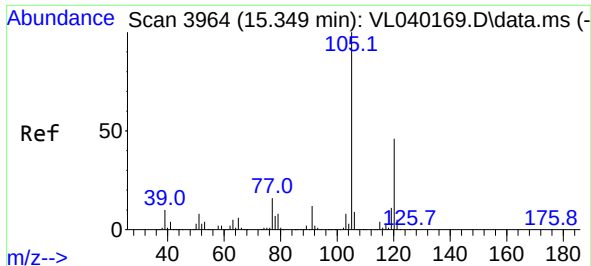
Tgt Ion: 95 Resp: 1682579
Ion Ratio Lower Upper
95 100
174 65.0 48.2 72.2
175 4.6 3.4 5.2



#72
4-Ethyltoluene
Concen: 0.033 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion: 105 Resp: 8363
Ion Ratio Lower Upper
105 100
120 138.7 23.2 34.8#
91 0.0 11.3 16.9#
77 0.0 12.0 18.0#

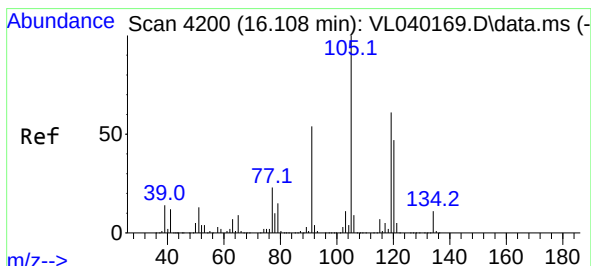
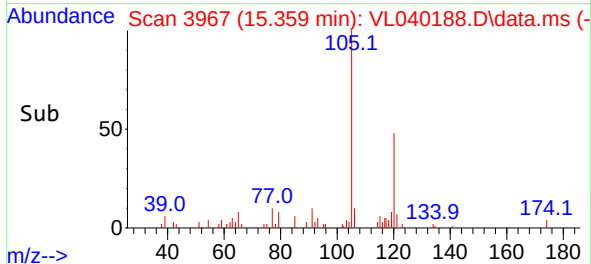
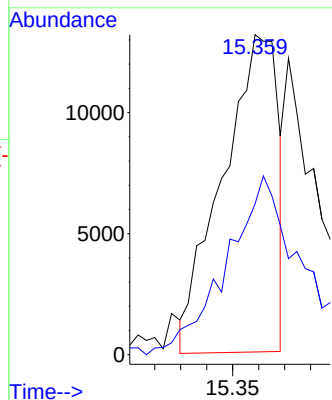
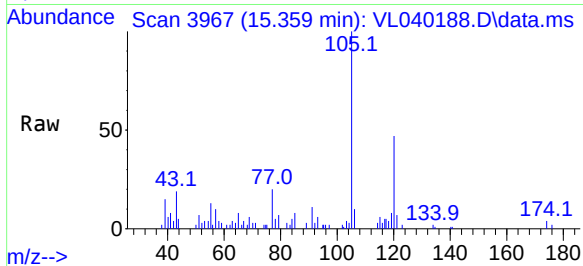




#73
1,3,5-Trimethylbenzene
Concen: 0.082 ppbv
RT: 15.359 min Scan# 3964
Delta R.T. 0.010 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Instrument :
MSVOA_L
ClientSampleId :
SVP-05DL

Tgt Ion:105 Resp: 19507
Ion Ratio Lower Upper
105 100
120 44.1 36.8 55.2



#74
1,2,4-Trimethylbenzene
Concen: 0.428 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.016 min
Lab File: VL040188.D
Acq: 16 Feb 2023 21:41

Tgt Ion:105 Resp: 111626
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9
91 9.4 43.7 65.5#
77 14.3 18.3 27.5#

