

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040487.D
 Acq On : 22 Jun 2023 16:03
 Operator : SY/MD
 Sample : 03300-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AI-1

Quant Time: Jun 23 01:31:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1001060	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	2507924	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2169064	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1687756	9.428	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%

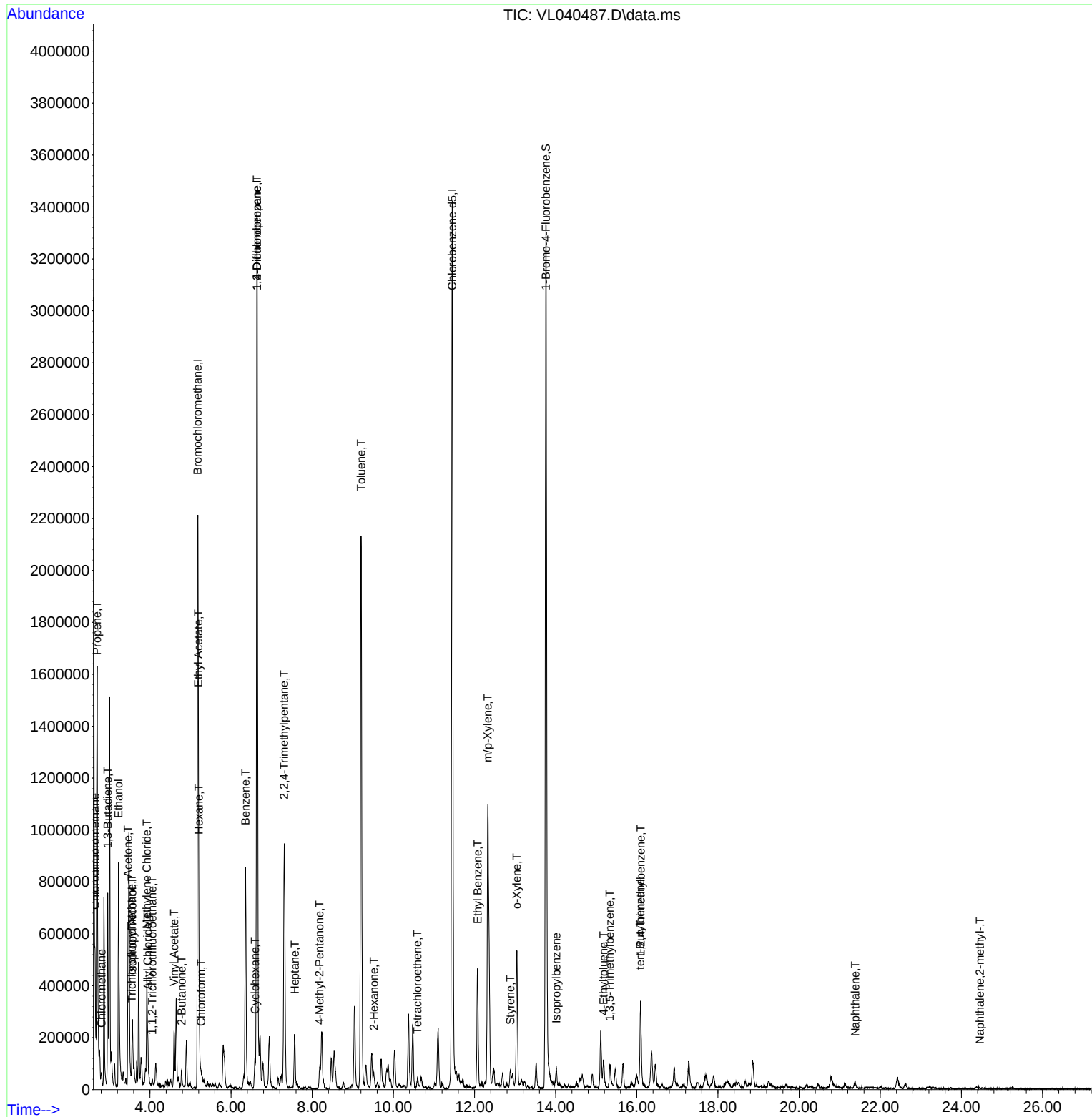
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.648	51	197864	1.207	ppbv #	66
4) Chloromethane	2.809	50	36158	0.570	ppbv #	85
9) Propene	2.693	41	586671	11.603	ppbv	87
10) Heptane	7.571	43	31459	0.275	ppbv #	1
11) Trichlorofluoromethane	3.555	101	42726	0.241	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	8300	0.067	ppbv	91
13) Ethanol	3.227	45	891717	85.167	ppbv	99
15) Acetone	3.462	43	517808	4.289	ppbv #	85
16) 1,3-Butadiene	2.960	39	224778	3.825	ppbv #	33
19) Isopropyl Alcohol	3.568	45	206662	3.551	ppbv #	97
20) Methylene Chloride	3.925	84	130147	2.526	ppbv	98
21) Allyl Chloride	3.947	41	19525	0.286	ppbv #	21
23) Vinyl Acetate	4.597	43	111216	0.943	ppbv #	7
25) Ethyl Acetate	5.195	43	156577	0.716	ppbv #	89
26) Hexane	5.205	57	157829	1.523	ppbv #	54
29) Chloroform	5.266	83	12440	0.070	ppbv	87
30) Cyclohexane	6.590	84	15891	0.190	ppbv #	1
34) 2-Butanone	4.780	43	68586	0.567	ppbv	96
36) Benzene	6.356	78	718573	3.602	ppbv	95
39) 1,2-Dichloropropane	6.639	63	624215	8.117	ppbv #	22
44) 2,2,4-Trimethylpentane	7.311	57	889064	2.727	ppbv	96
50) 4-Methyl-2-Pentanone	8.179	43	23674	0.146	ppbv #	39
51) 2-Hexanone	9.523	43	5603	0.050	ppbv #	92
52) Tetrachloroethene	10.590	164	2187	0.035	ppbv	91
53) Toluene	9.204	91	1428836	6.800	ppbv	100
58) Ethyl Benzene	12.076	91	395499	1.505	ppbv	94
59) m/p-Xylene	12.326	91	1141687	4.727	ppbv	97
60) o-Xylene	13.040	91	410884	1.794	ppbv	99
61) Styrene	12.886	104	32609	0.331	ppbv	92
62) Isopropylbenzene	14.018	105	54212	0.159	ppbv	99
65) tert-Butylbenzene	16.085	119	13810	0.047	ppbv #	18
72) 4-Ethyltoluene	15.178	105	75530	0.293	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.333	105	25127	0.110	ppbv #	79
74) 1,2,4-Trimethylbenzene	16.095	105	248781	0.927	ppbv #	72
79) Naphthalene	21.381	128	10851	0.070	ppbv	97
80) Naphthalene,2-methyl-	24.458	142	1456	0.031	ppbv	85

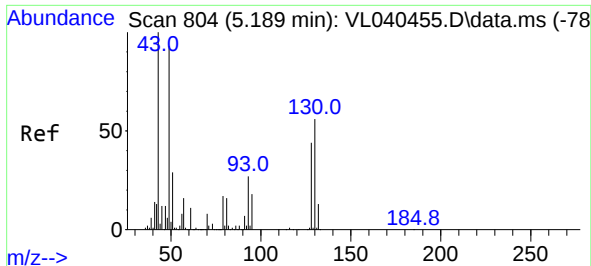
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040487.D
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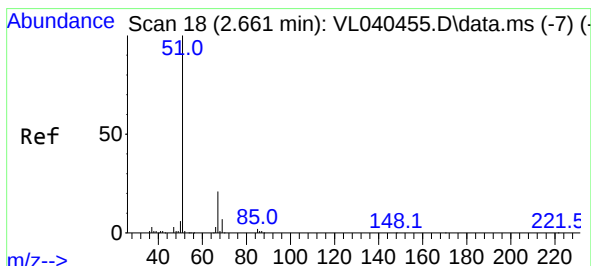
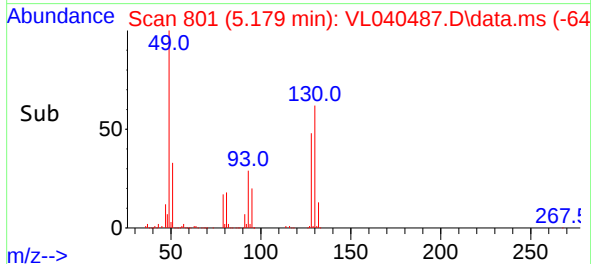
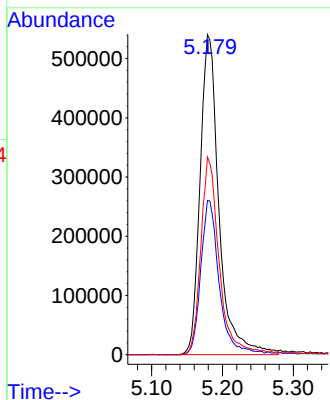
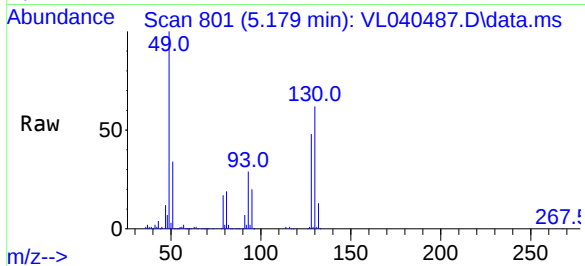




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

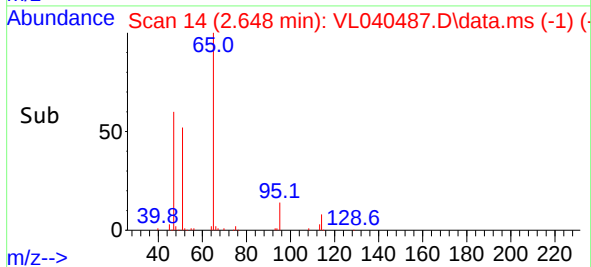
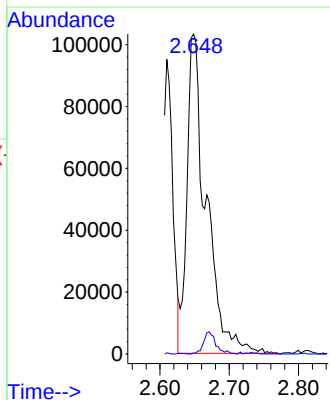
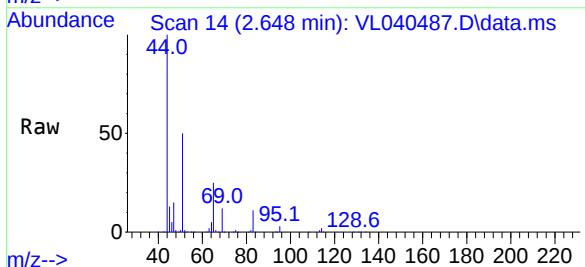
Instrument :
MSVOA_L
ClientSampleId :
AI-1

Tgt Ion: 49 Resp: 1001060
Ion Ratio Lower Upper
49 100
128 47.7 24.7 74.1
130 61.4 31.4 94.2

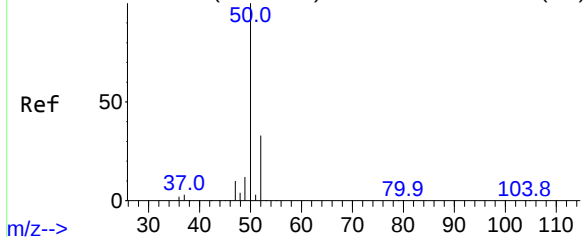


#3
Chlorodifluoromethane
Concen: 1.207 ppbv
RT: 2.648 min Scan# 14
Delta R.T. -0.013 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 51 Resp: 197864
Ion Ratio Lower Upper
51 100
67 4.5 16.3 24.5#



Abundance Scan 61 (2.800 min): VL040455.D\data.ms (-52)



#4

Chloromethane

Concen: 0.570 ppbv

RT: 2.809 min Scan# 64

Delta R.T. 0.010 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

AI-1

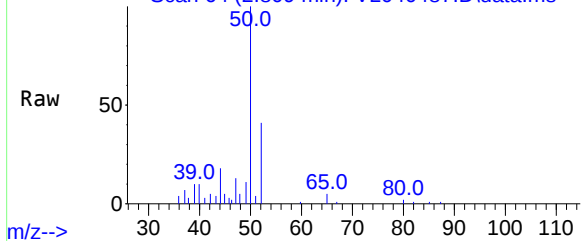
Tgt Ion: 50 Resp: 36158

Ion Ratio Lower Upper

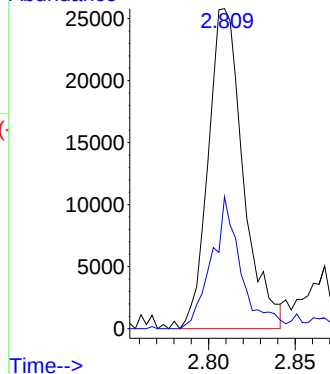
50 100

52 41.2 26.3 39.5#

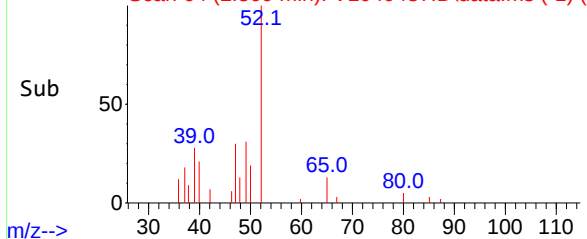
Abundance Scan 64 (2.809 min): VL040487.D\data.ms



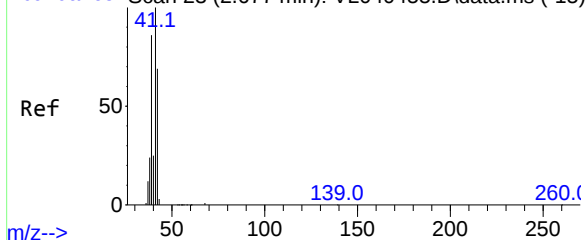
Abundance



Abundance Scan 64 (2.809 min): VL040487.D\data.ms (-1) (-



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 11.603 ppbv

RT: 2.693 min Scan# 28

Delta R.T. 0.016 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

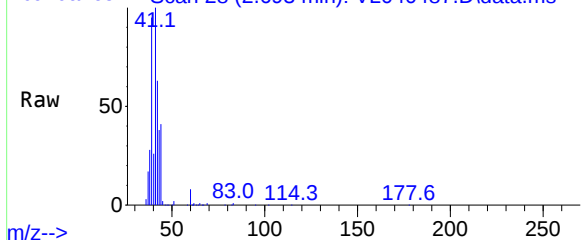
Tgt Ion: 41 Resp: 586671

Ion Ratio Lower Upper

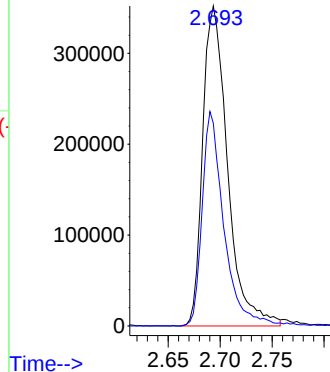
41 100

42 59.3 56.2 84.2

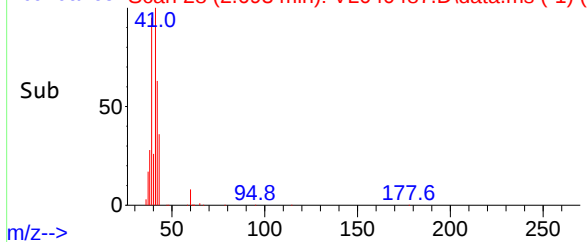
Abundance Scan 28 (2.693 min): VL040487.D\data.ms

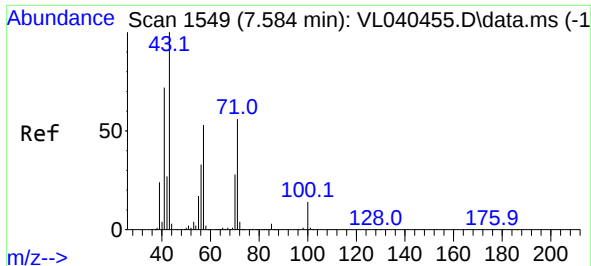


Abundance



Abundance Scan 28 (2.693 min): VL040487.D\data.ms (-1) (-

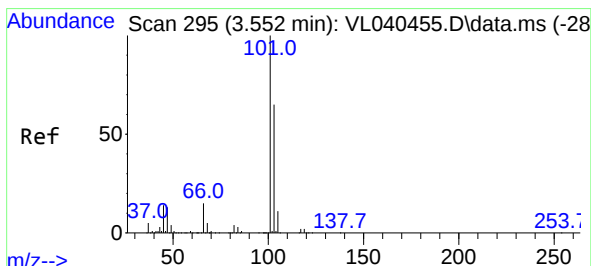
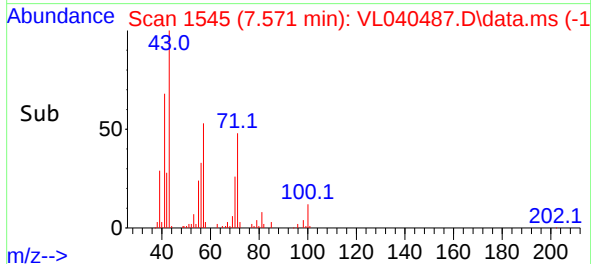
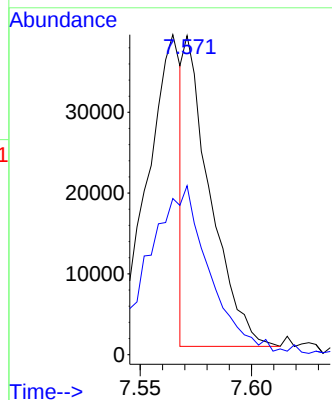
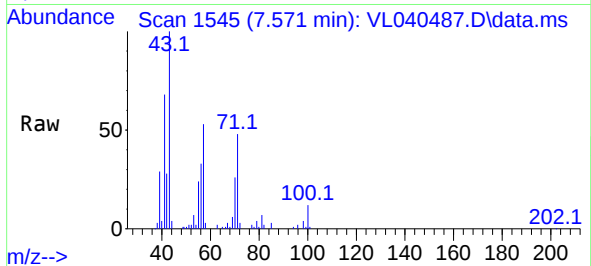




#10
Heptane
Concen: 0.275 ppbv
RT: 7.571 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

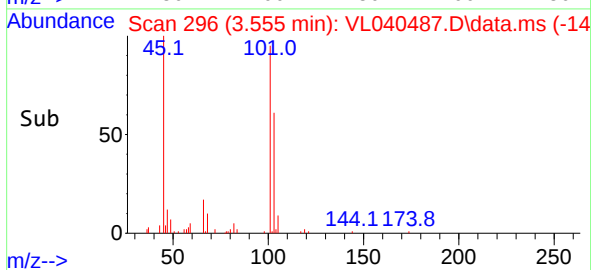
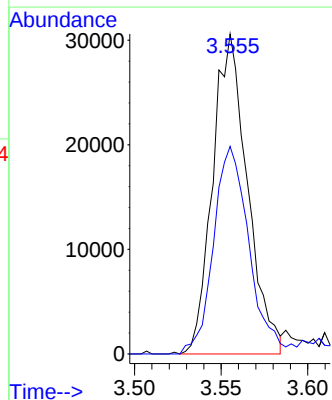
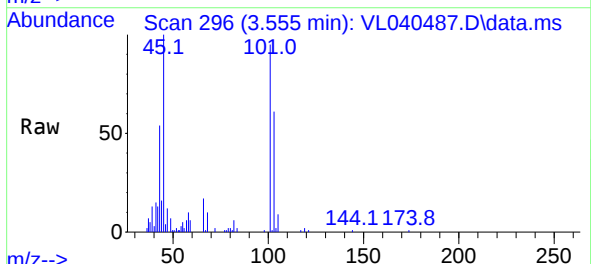
Instrument :
MSVOA_L
ClientSampleId :
AI-1

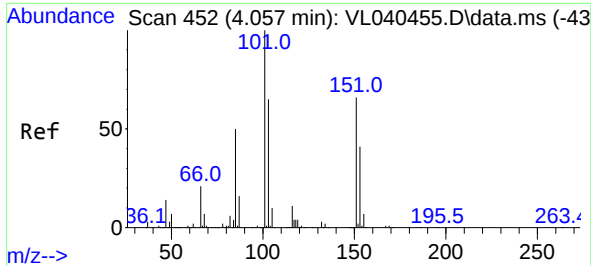
Tgt Ion: 43 Resp: 31459
Ion Ratio Lower Upper
43 100
57 132.7 42.5 63.7#



#11
Trichlorofluoromethane
Concen: 0.241 ppbv
RT: 3.555 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 101 Resp: 42726
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

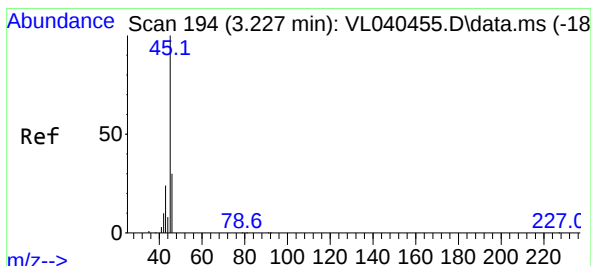
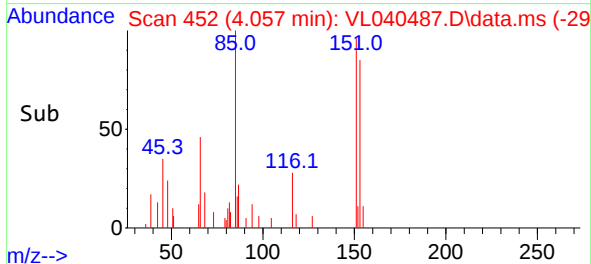
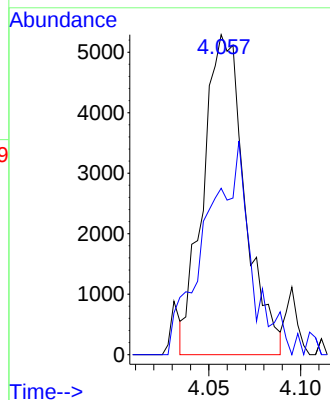
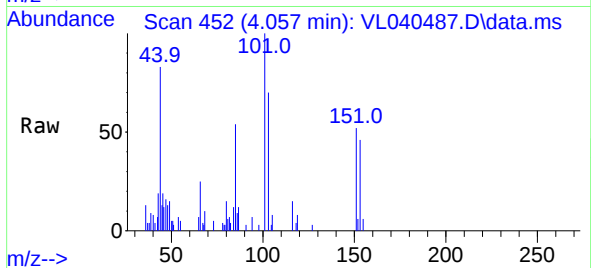




#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.067 ppbv
RT: 4.057 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

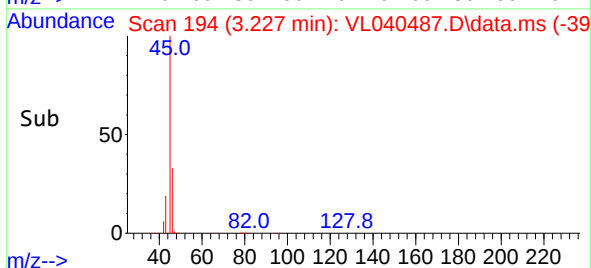
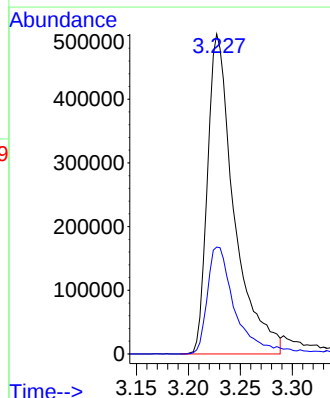
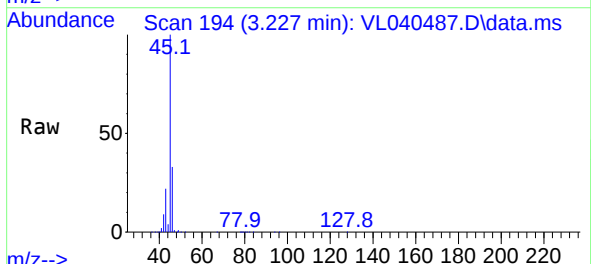
Instrument :
MSVOA_L
ClientSampleId :
AI-1

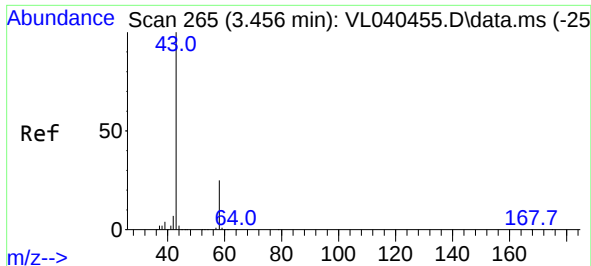
Tgt Ion:101 Resp: 8300
Ion Ratio Lower Upper
101 100
151 75.2 54.3 81.5



#13
Ethanol
Concen: 85.167 ppbv
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 45 Resp: 891717
Ion Ratio Lower Upper
45 100
46 35.5 14.5 58.1

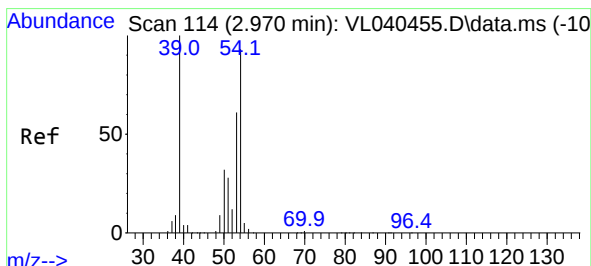
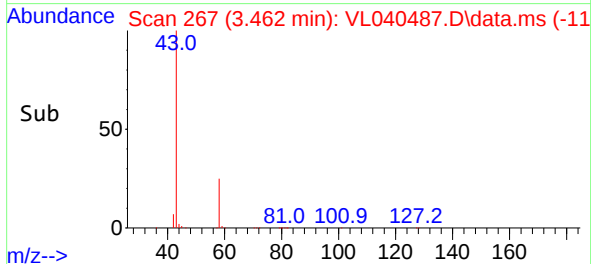
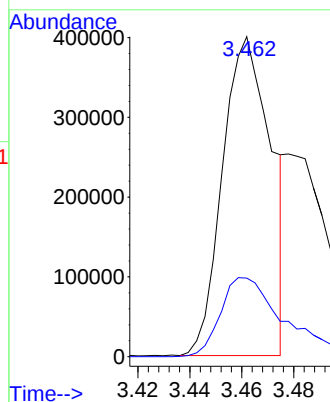
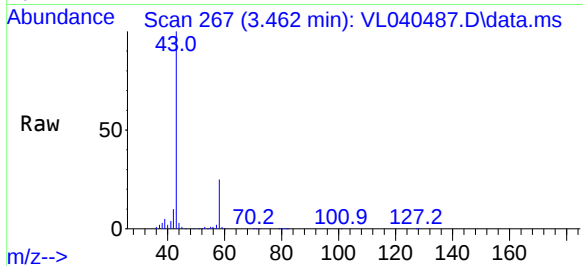




#15
Acetone
Concen: 4.289 ppbv
RT: 3.462 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

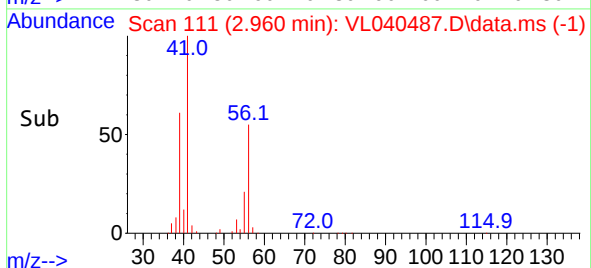
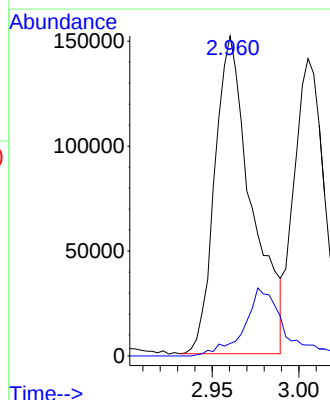
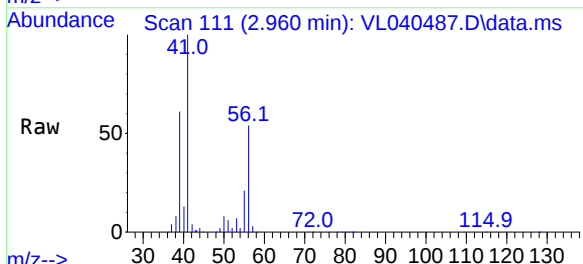
Instrument :
MSVOA_L
ClientSampleId :
AI-1

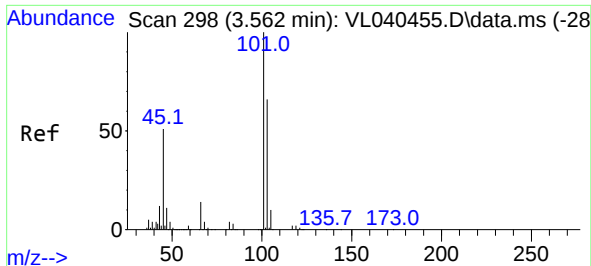
Tgt Ion: 43 Resp: 517808
Ion Ratio Lower Upper
43 100
58 34.8 21.6 32.4#



#16
1,3-Butadiene
Concen: 3.825 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.010 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 39 Resp: 224778
Ion Ratio Lower Upper
39 100
54 23.4 66.9 100.3#





#19

Isopropyl Alcohol

Concen: 3.551 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.006 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

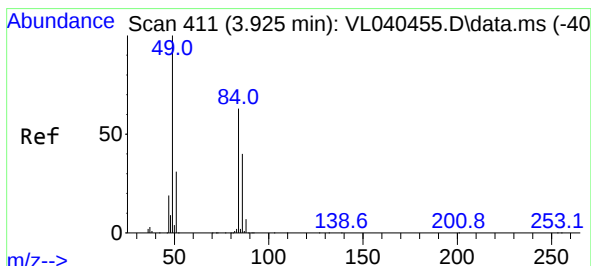
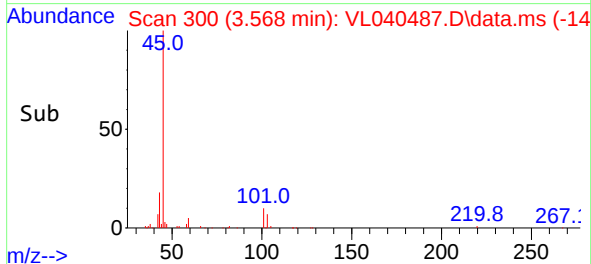
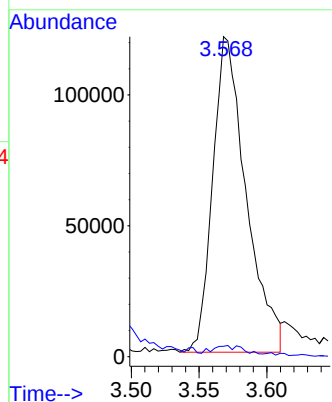
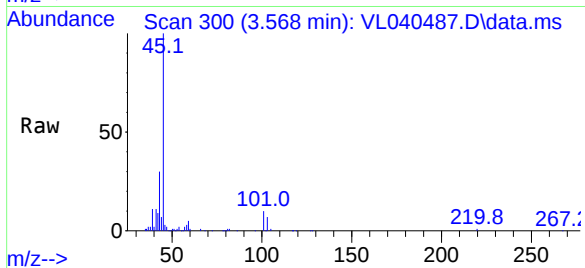
AI-1

Tgt Ion: 45 Resp: 206662

Ion Ratio Lower Upper

45 100

58 4.3 2.6 4.0#



#20

Methylene Chloride

Concen: 2.526 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.000 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

Tgt Ion: 84 Resp: 130147

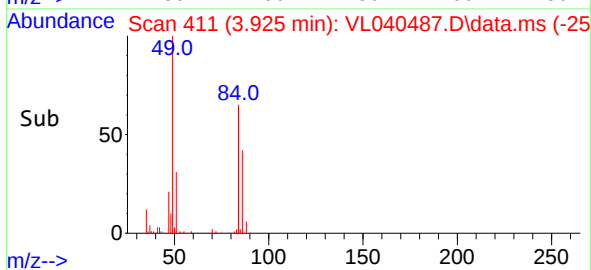
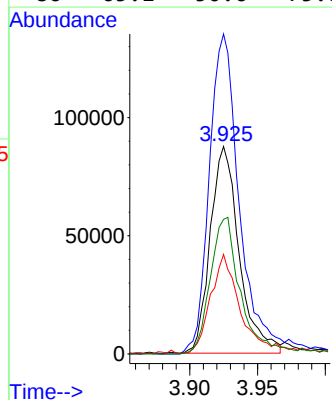
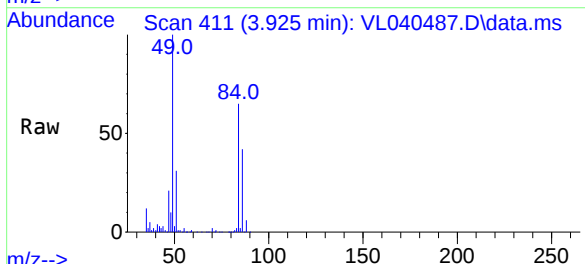
Ion Ratio Lower Upper

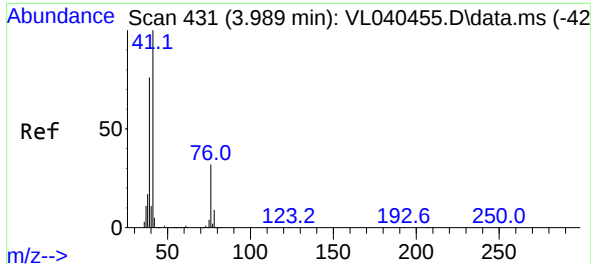
84 100

49 154.4 126.2 189.2

51 47.9 38.7 58.1

86 65.1 50.6 75.8

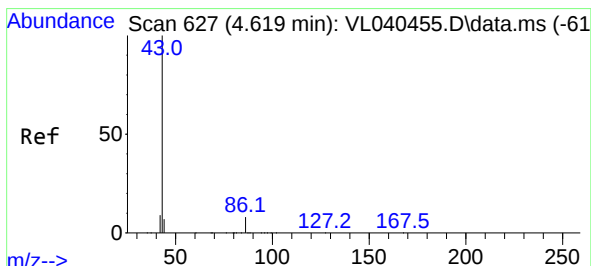
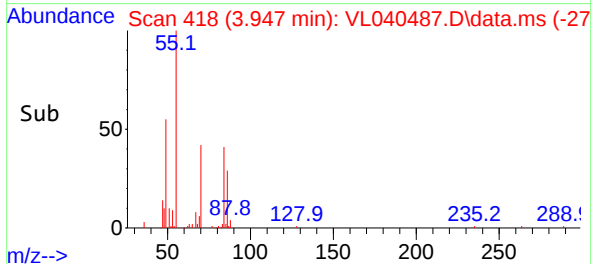
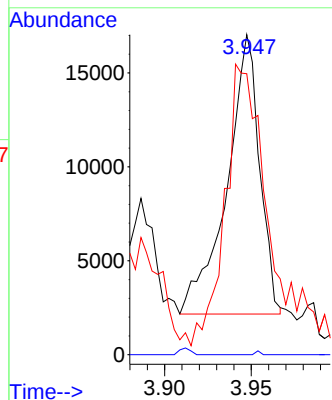
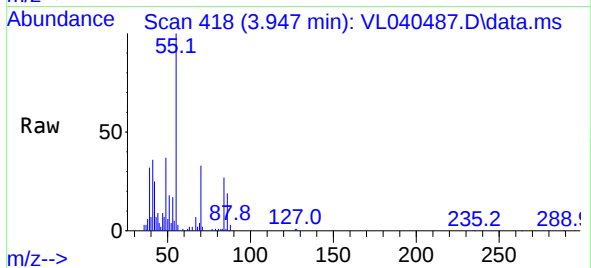




#21
Allyl Chloride
Concen: 0.286 ppbv
RT: 3.947 min Scan# 41
Delta R.T. -0.042 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

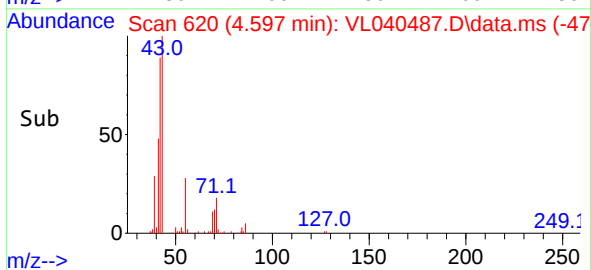
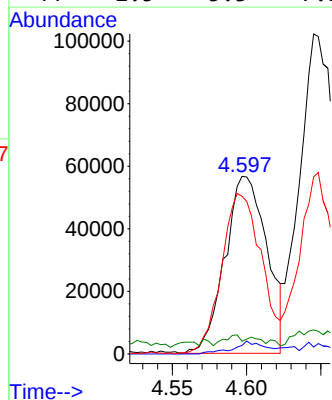
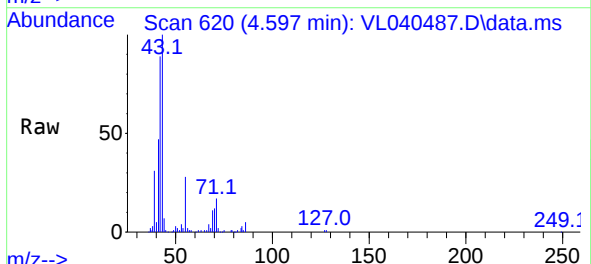
Instrument :
MSVOA_L
ClientSampleId :
AI-1

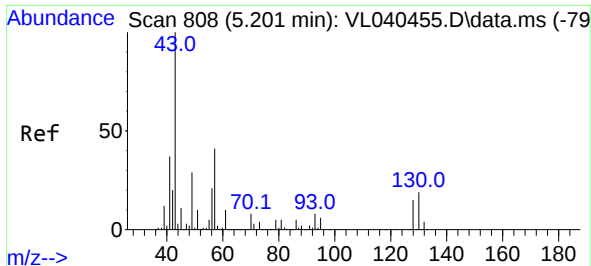
Tgt Ion: 41 Resp: 19525
Ion Ratio Lower Upper
41 100
76 0.0 26.1 39.1#
39 156.7 63.9 95.9#



#23
Vinyl Acetate
Concen: 0.943 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.023 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 43 Resp: 111216
Ion Ratio Lower Upper
43 100
86 4.8 5.8 8.6#
42 88.6 7.4 11.2#
44 2.5 5.3 7.9#

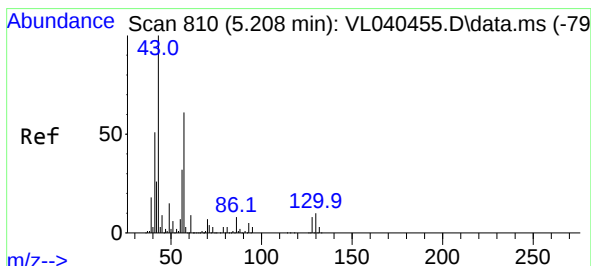
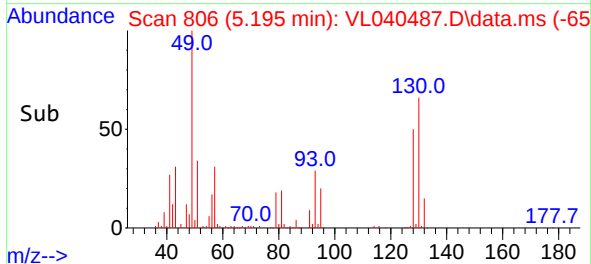
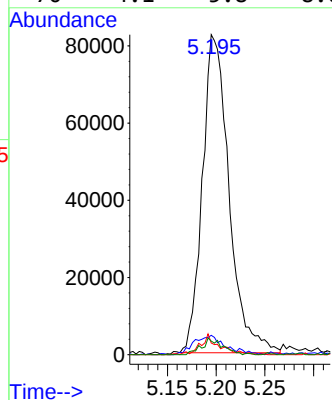
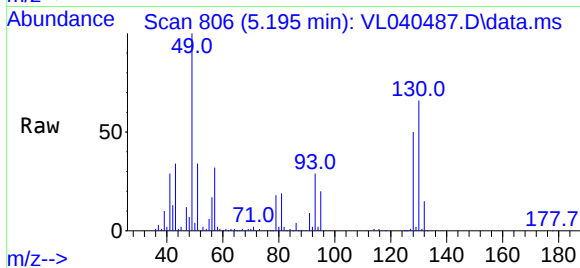




#25
Ethyl Acetate
Concen: 0.716 ppbv
RT: 5.195 min Scan# 808
Delta R.T. -0.007 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

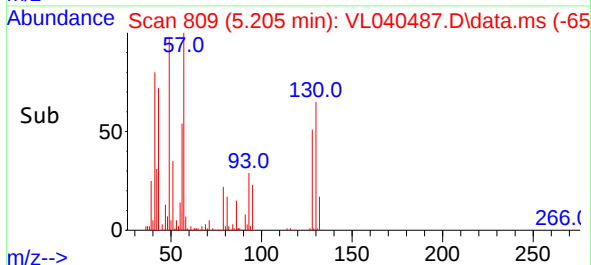
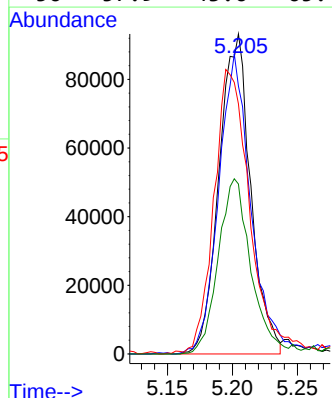
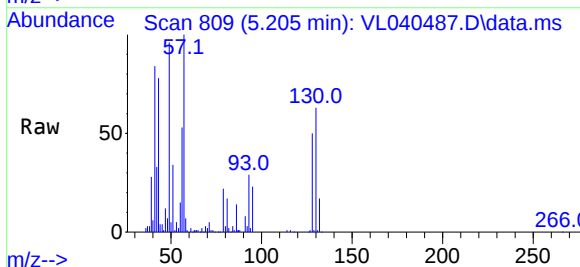
Instrument :
MSVOA_L
ClientSampleId :
AI-1

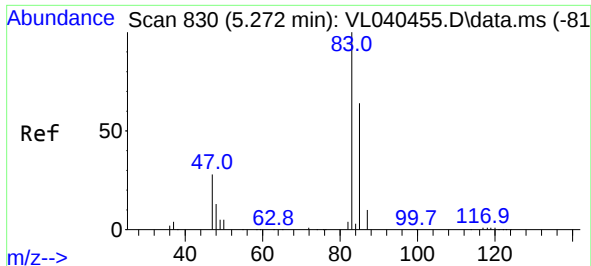
Tgt Ion: 43 Resp: 156577
Ion Ratio Lower Upper
43 100
45 7.3 8.0 12.0#
61 4.6 8.1 12.1#
70 4.1 5.8 8.6#



#26
Hexane
Concen: 1.523 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 57 Resp: 157829
Ion Ratio Lower Upper
57 100
41 97.2 73.0 109.6
43 104.2 177.5 266.3#
56 57.9 43.6 65.4





#29

Chloroform

Concen: 0.070 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

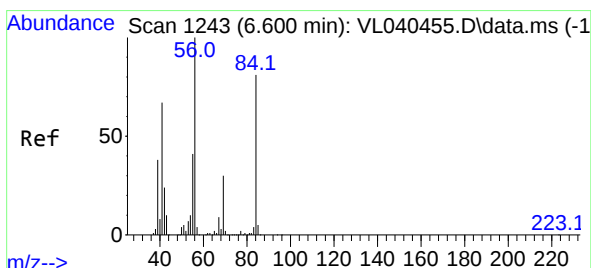
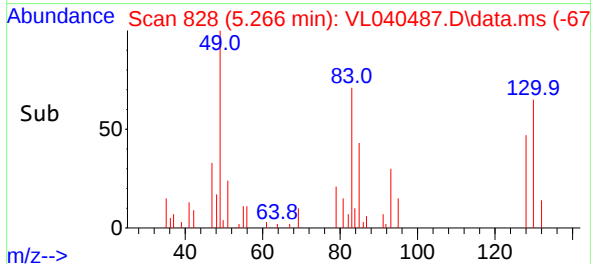
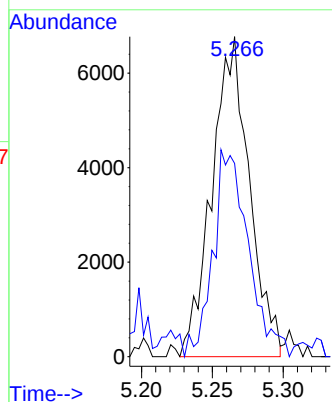
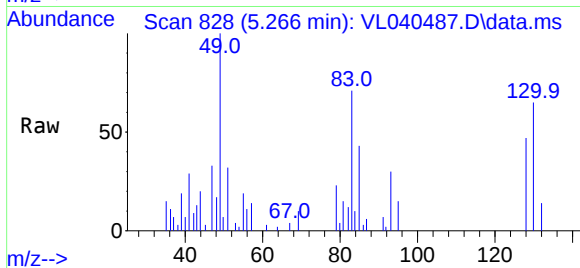
AI-1

Tgt Ion: 83 Resp: 12440

Ion Ratio Lower Upper

83 100

85 54.1 51.1 76.7



#30

Cyclohexane

Concen: 0.190 ppbv

RT: 6.590 min Scan# 1240

Delta R.T. -0.010 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

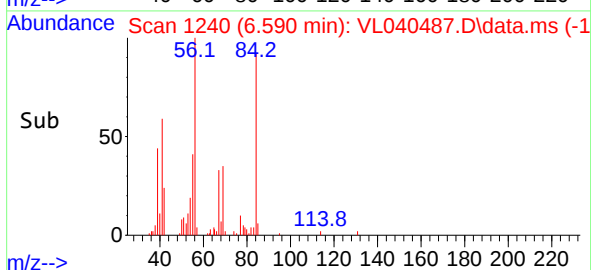
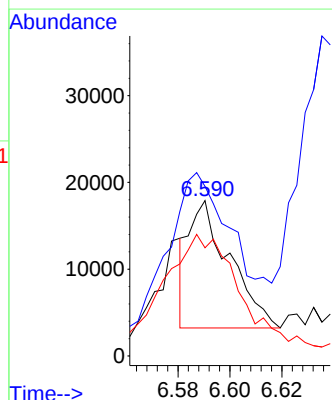
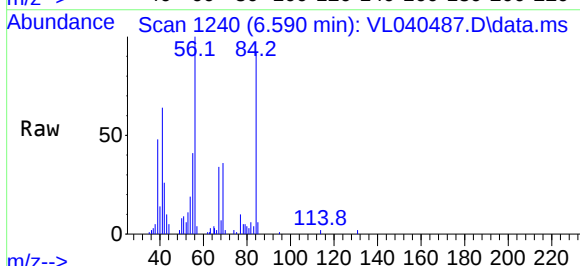
Tgt Ion: 84 Resp: 15891

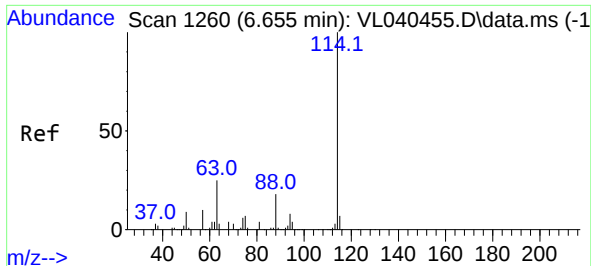
Ion Ratio Lower Upper

84 100

56 255.0 106.0 159.0#

41 204.5 66.8 100.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

AI-1

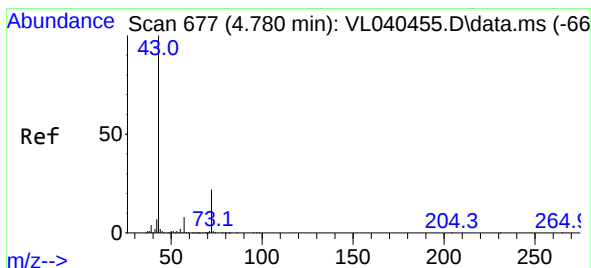
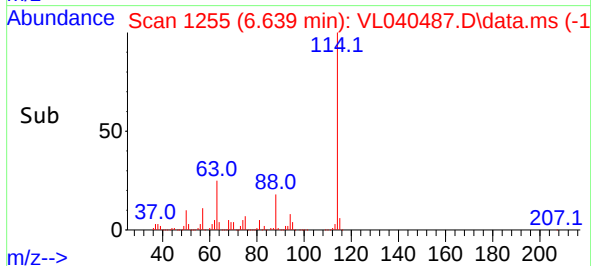
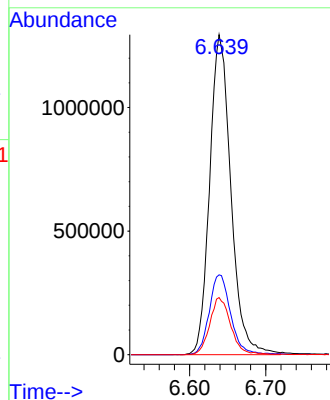
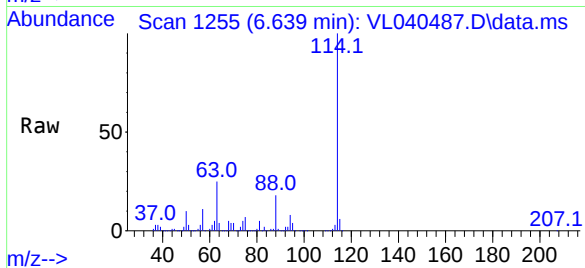
Tgt Ion:114 Resp: 2507924

Ion Ratio Lower Upper

114 100

63 25.4 21.0 31.6

88 17.8 14.5 21.7



#34

2-Butanone

Concen: 0.567 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.000 min

Lab File: VL040487.D

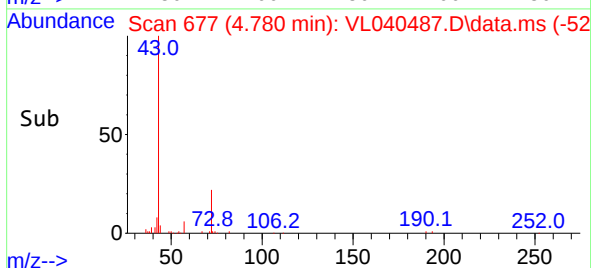
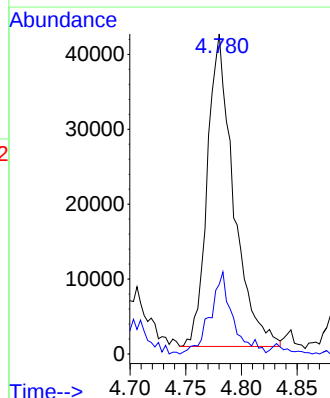
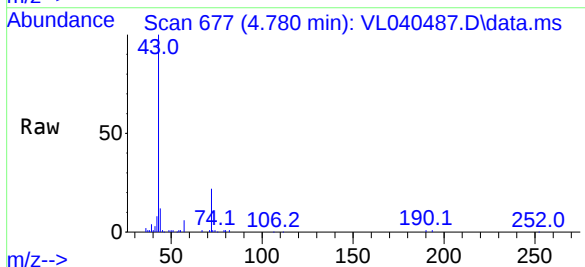
Acq: 22 Jun 2023 16:03

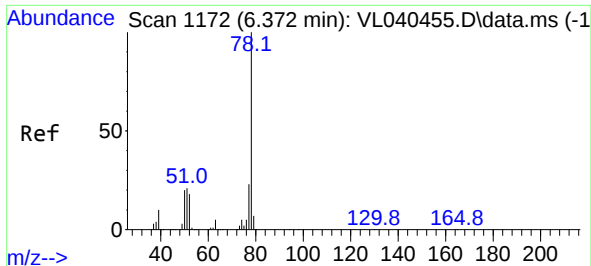
Tgt Ion: 43 Resp: 68586

Ion Ratio Lower Upper

43 100

72 24.4 18.1 27.1

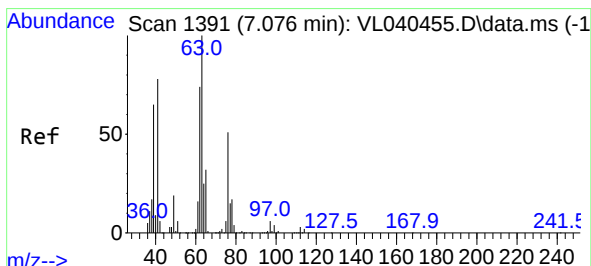
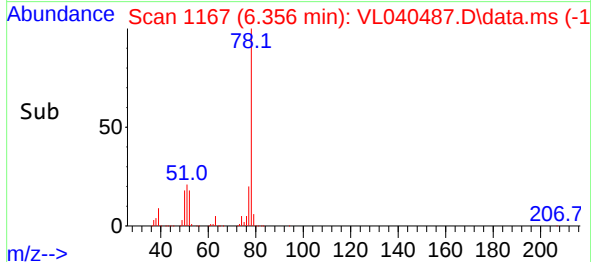
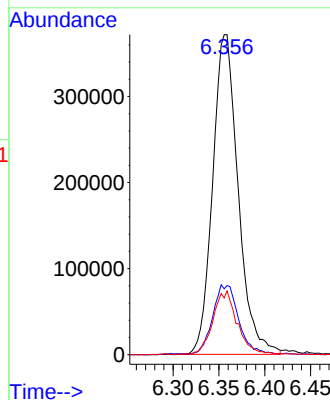
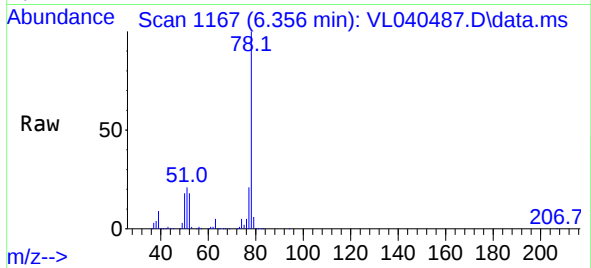




#36
Benzene
Concen: 3.602 ppbv
RT: 6.356 min Scan# 1172
Delta R.T. -0.016 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

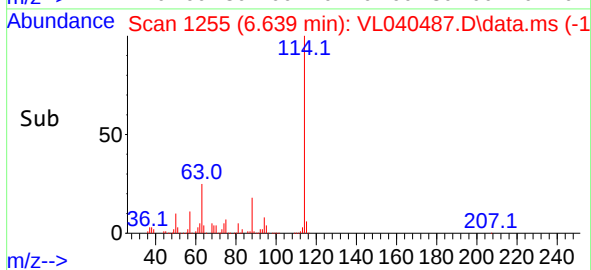
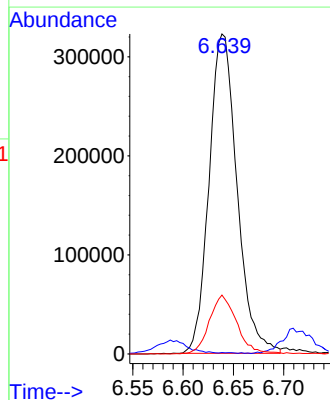
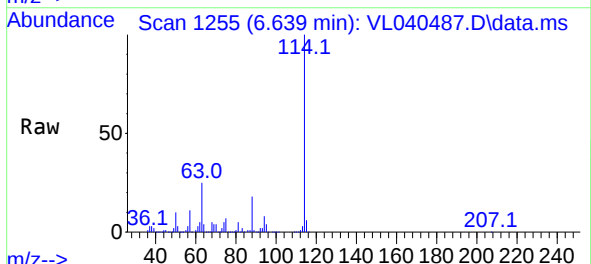
Instrument :
MSVOA_L
ClientSampleId :
AI-1

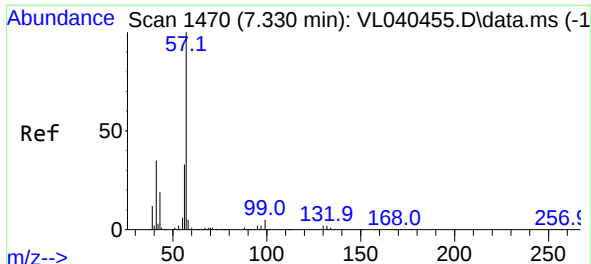
Tgt Ion: 78 Resp: 718573
Ion Ratio Lower Upper
78 100
77 20.4 18.5 27.7
50 17.6 16.1 24.1



#39
1,2-Dichloropropane
Concen: 8.117 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.437 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 63 Resp: 624215
Ion Ratio Lower Upper
63 100
41 0.0 62.2 93.2#
62 18.4 59.0 88.4#





#44

2,2,4-Trimethylpentane

Concen: 2.727 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. -0.019 min

Lab File: VL040487.D

Acq: 22 Jun 2023 16:03

Instrument :

MSVOA_L

ClientSampleId :

AI-1

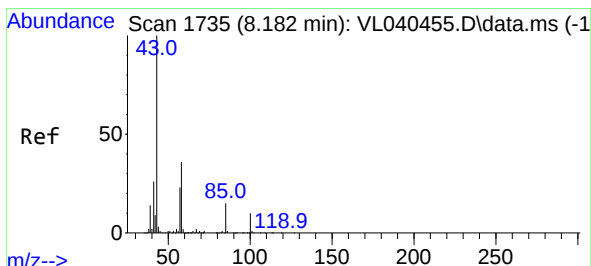
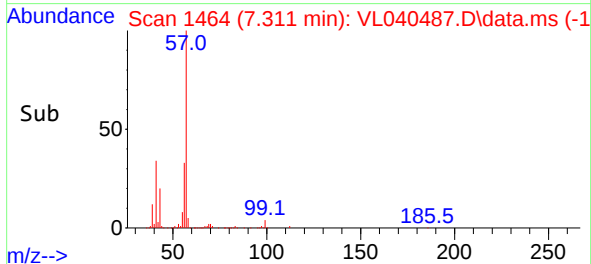
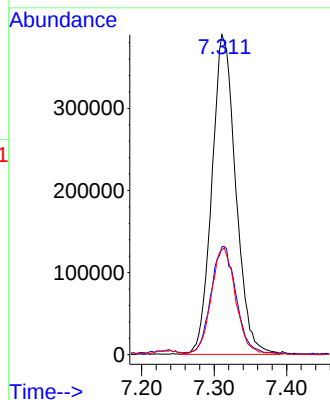
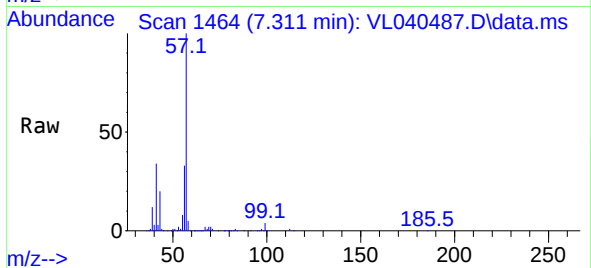
Tgt Ion: 57 Resp: 889064

Ion Ratio Lower Upper

57 100

41 35.9 27.8 41.8

56 34.6 25.3 37.9



#50

4-Methyl-2-Pentanone

Concen: 0.146 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. -0.003 min

Lab File: VL040487.D

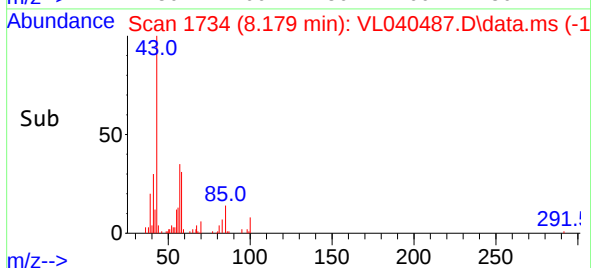
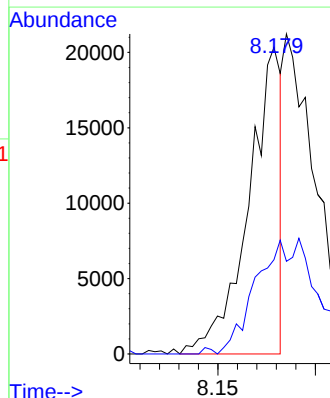
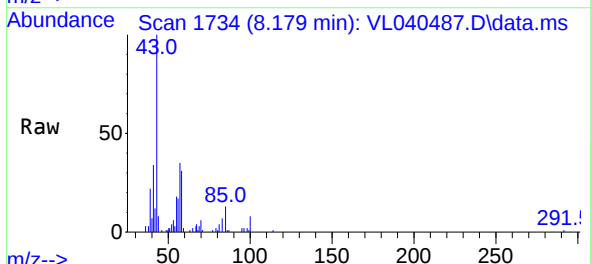
Acq: 22 Jun 2023 16:03

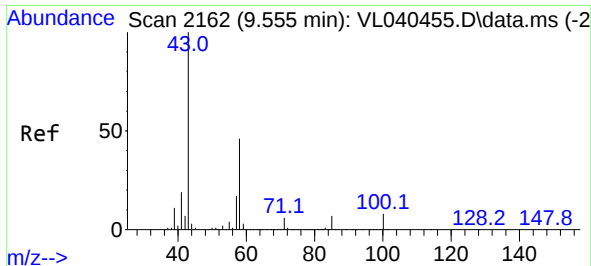
Tgt Ion: 43 Resp: 23674

Ion Ratio Lower Upper

43 100

58 0.0 28.2 42.4#

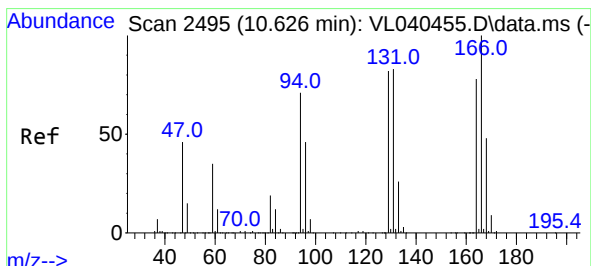
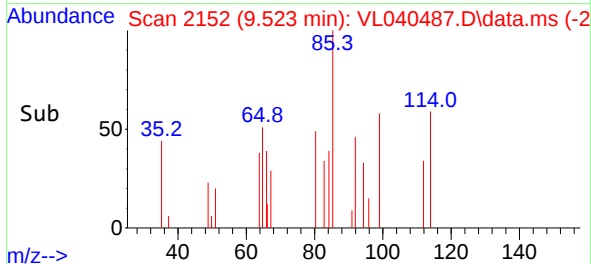
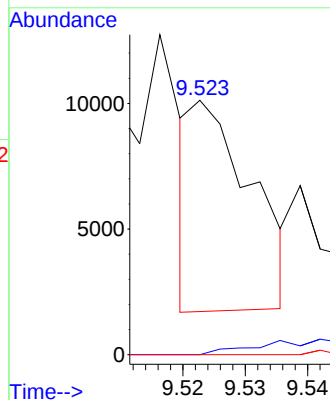
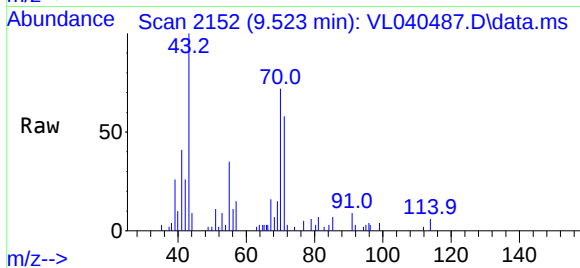




#51
2-Hexanone
Concen: 0.050 ppbv
RT: 9.523 min Scan# 2162
Delta R.T. -0.032 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

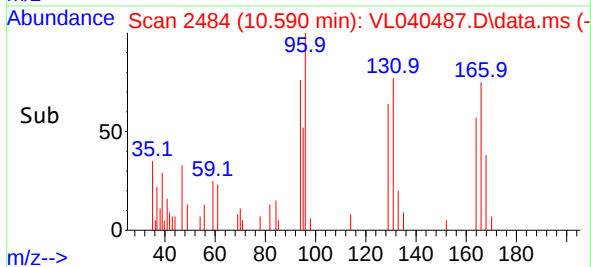
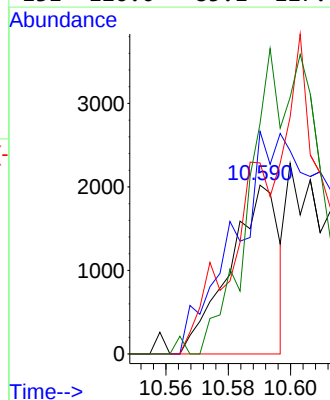
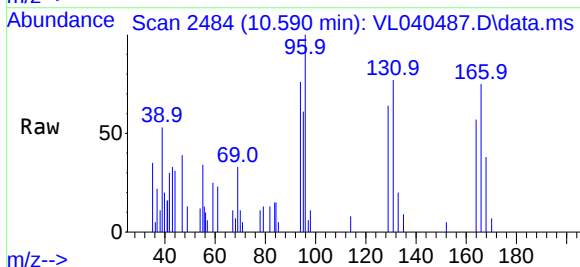
Instrument :
MSVOA_L
ClientSampleId :
AI-1

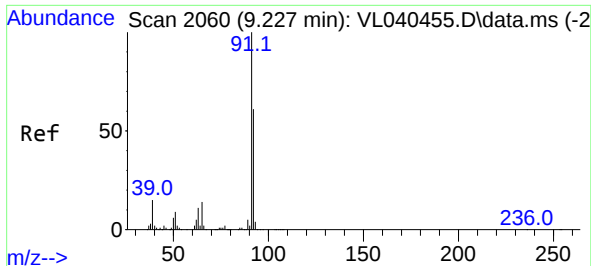
Tgt Ion: 43 Resp: 5603
Ion Ratio Lower Upper
43 100
58 41.1 37.1 55.7
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.035 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.035 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion:164 Resp: 2187
Ion Ratio Lower Upper
164 100
166 131.8 102.7 154.1
129 113.2 84.6 126.8
131 126.0 85.1 127.7

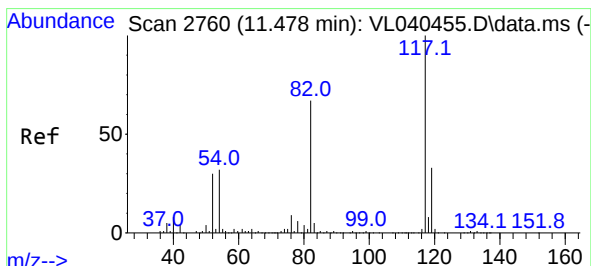
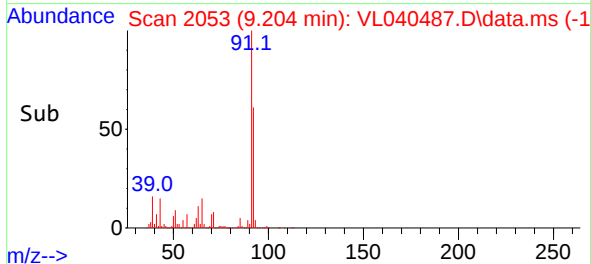
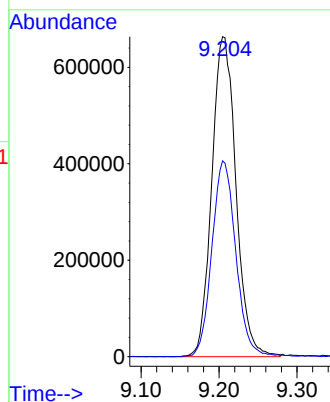
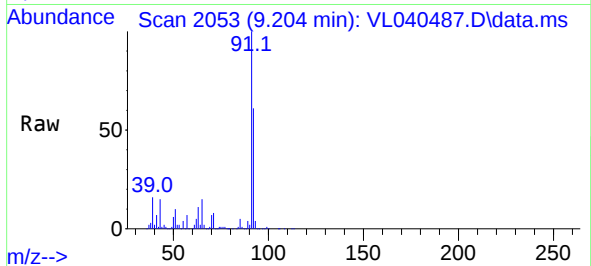




#53
Toluene
Concen: 6.800 ppbv
RT: 9.204 min Scan# 2060
Delta R.T. -0.023 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

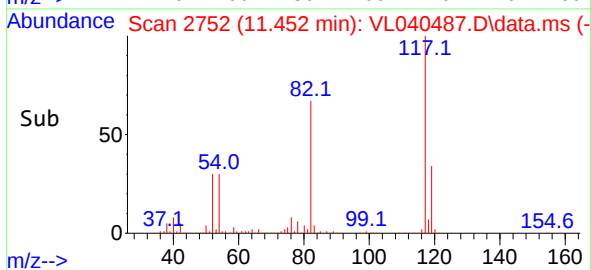
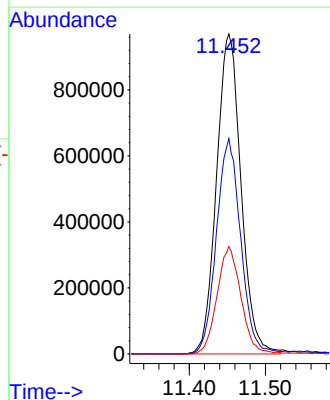
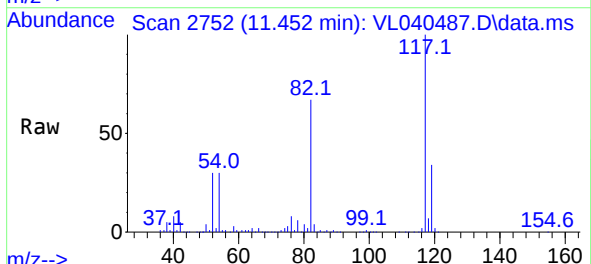
Instrument :
MSVOA_L
ClientSampleId :
AI-1

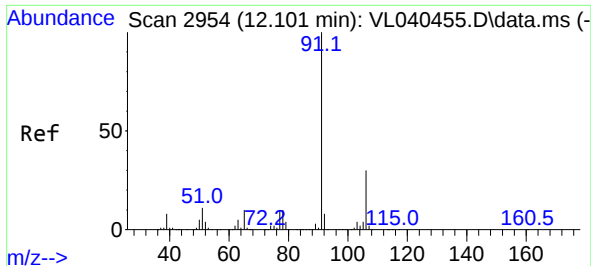
Tgt Ion: 91 Resp: 1428836
Ion Ratio Lower Upper
91 100
92 61.2 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.026 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 117 Resp: 2169064
Ion Ratio Lower Upper
117 100
82 66.7 53.0 79.4
119 33.1 24.4 36.6

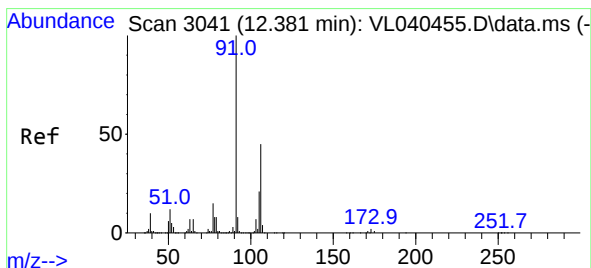
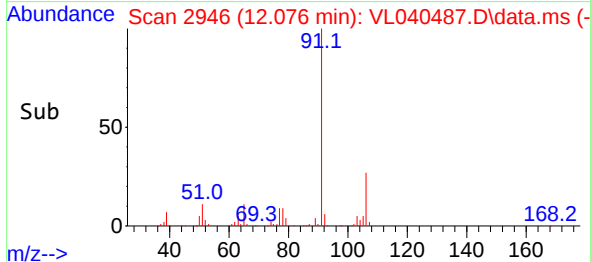
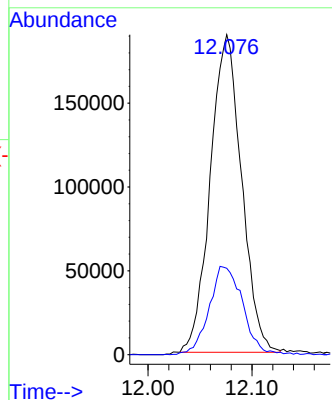
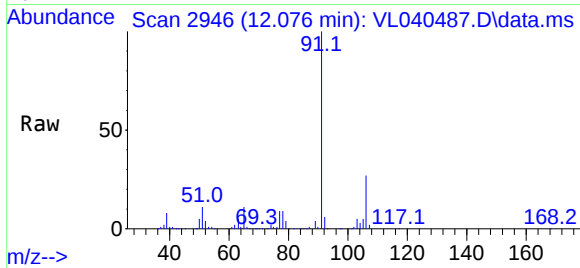




#58
Ethyl Benzene
Concen: 1.505 ppbv
RT: 12.076 min Scan# 2954
Delta R.T. -0.026 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

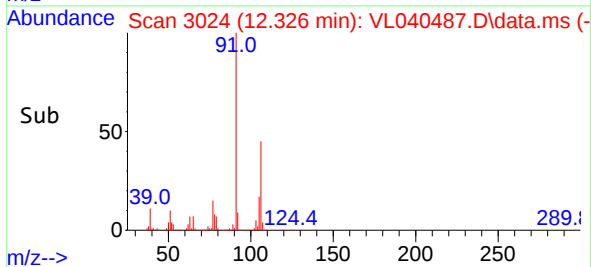
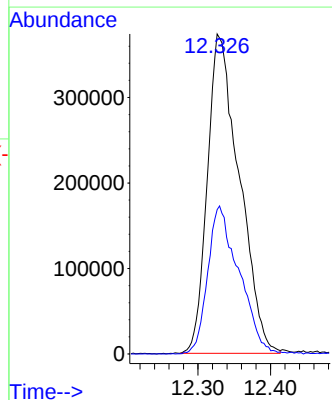
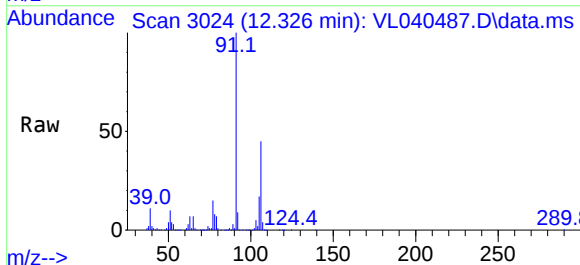
Instrument :
MSVOA_L
ClientSampleId :
AI-1

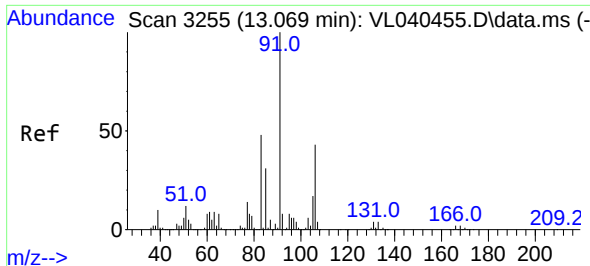
Tgt Ion: 91 Resp: 395499
Ion Ratio Lower Upper
91 100
106 26.6 23.7 35.5



#59
m/p-Xylene
Concen: 4.727 ppbv
RT: 12.326 min Scan# 3024
Delta R.T. -0.055 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 91 Resp: 1141687
Ion Ratio Lower Upper
91 100
106 45.5 34.6 52.0

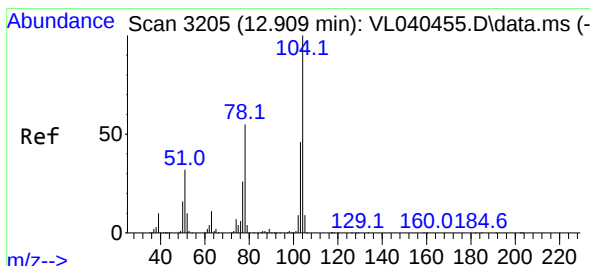
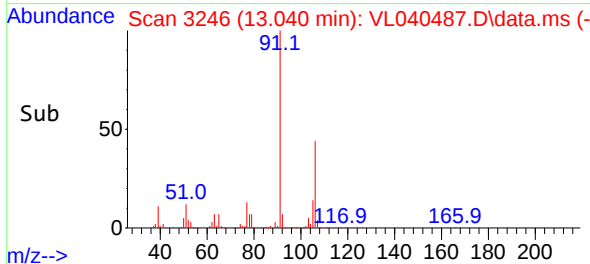
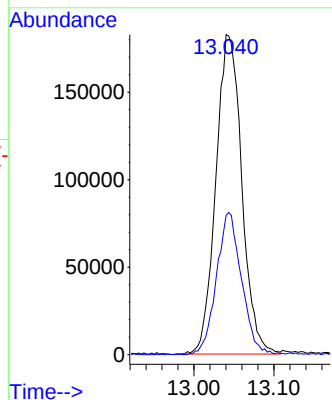
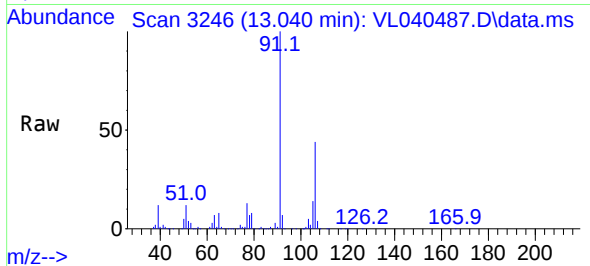




#60
o-Xylene
Concen: 1.794 ppbv
RT: 13.040 min Scan# 3198
Delta R.T. -0.029 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

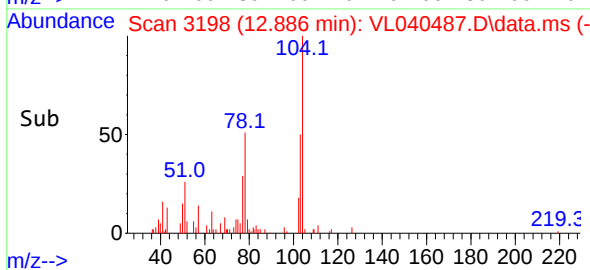
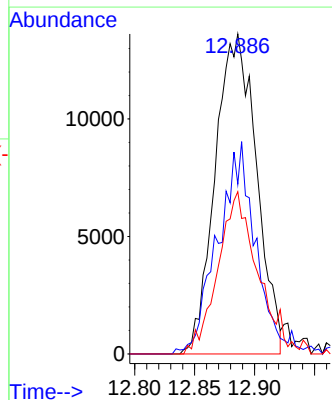
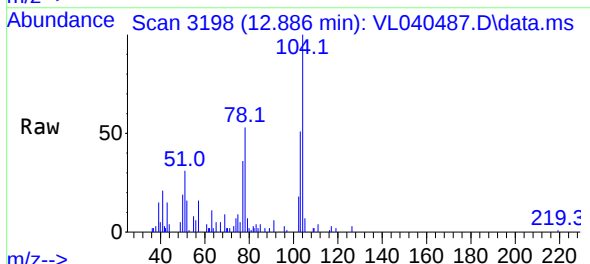
Instrument :
MSVOA_L
ClientSampleId :
AI-1

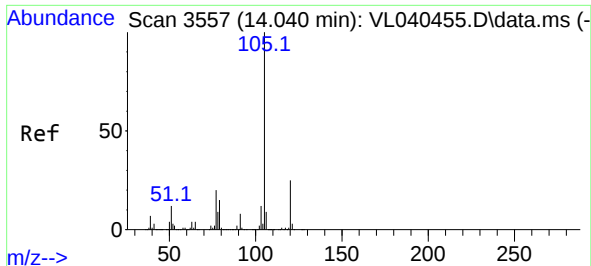
Tgt Ion: 91 Resp: 410884
Ion Ratio Lower Upper
91 100
106 43.4 22.1 66.1



#61
Styrene
Concen: 0.331 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. -0.023 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 104 Resp: 32609
Ion Ratio Lower Upper
104 100
78 61.5 43.1 64.7
103 49.3 37.1 55.7

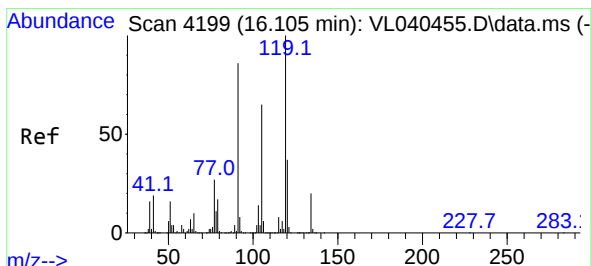
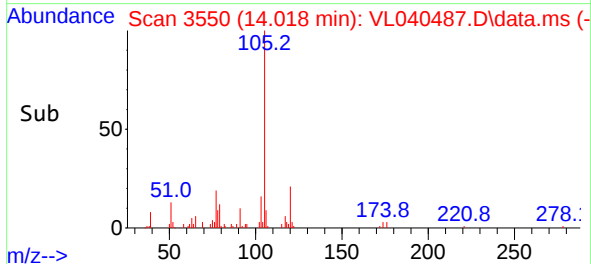
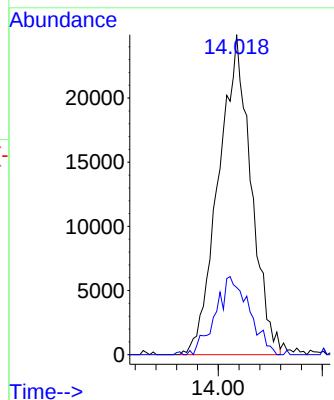
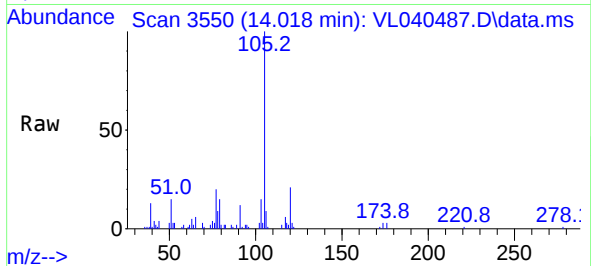




#62
Isopropylbenzene
Concen: 0.159 ppbv
RT: 14.018 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

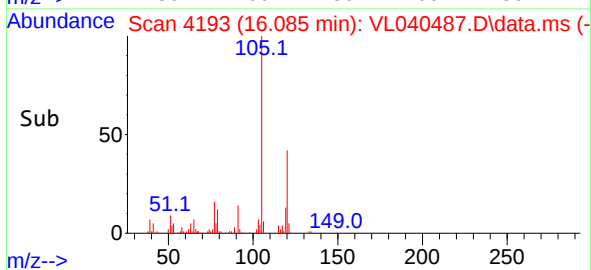
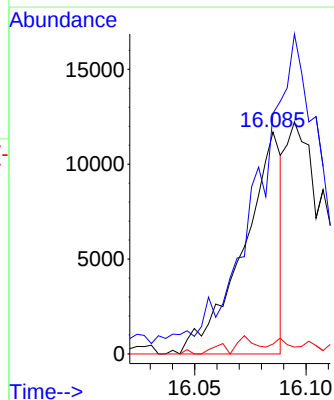
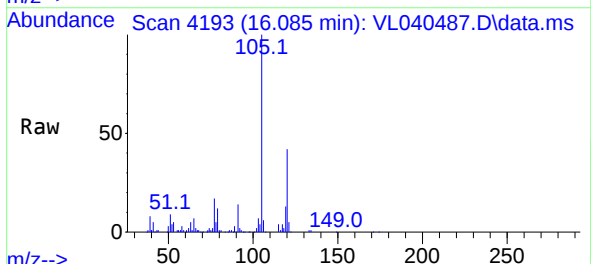
Instrument :
MSVOA_1
ClientSampleId :
AI-1

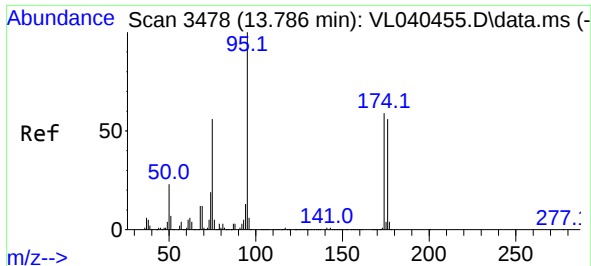
Tgt Ion:105 Resp: 54212
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4



#65
tert-Butylbenzene
Concen: 0.047 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.019 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion:119 Resp: 13810
Ion Ratio Lower Upper
119 100
91 0.0 70.5 105.7#
134 8.6 15.6 23.4#

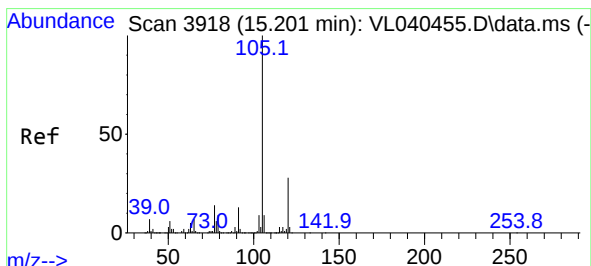
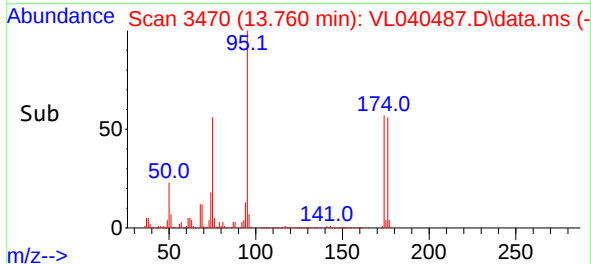
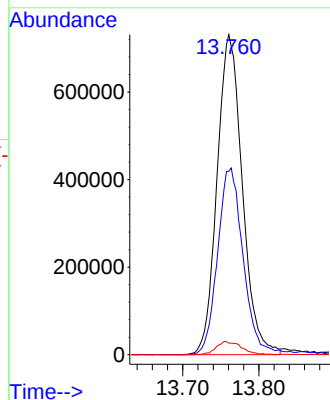
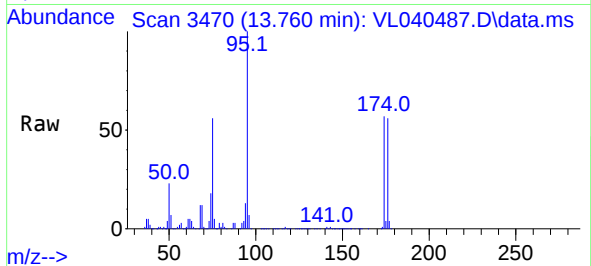




#68
1-Bromo-4-Fluorobenzene
Concen: 9.428 ppbv
RT: 13.760 min Scan# 3478
Delta R.T. -0.026 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

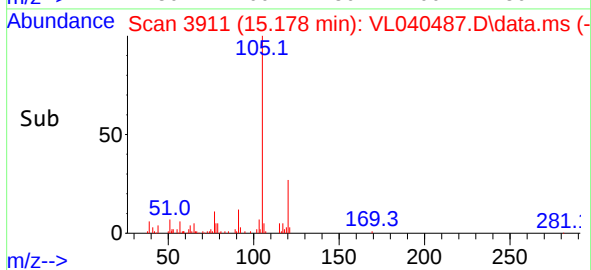
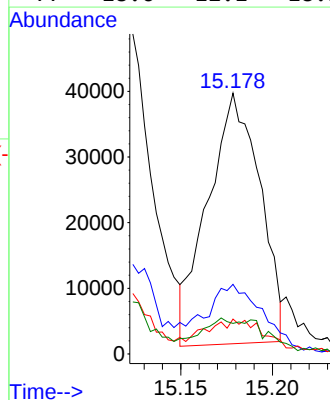
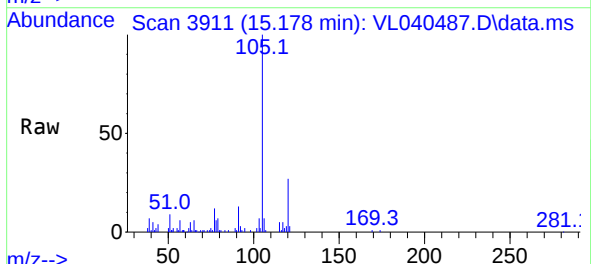
Instrument :
MSVOA_L
ClientSampleId :
AI-1

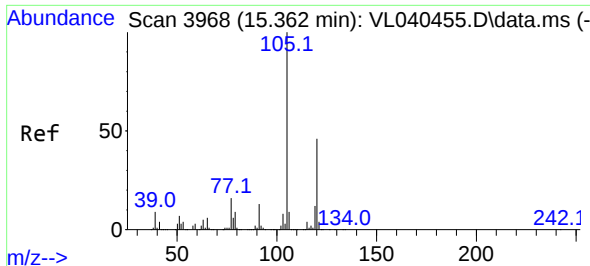
Tgt Ion: 95 Resp: 1687756
Ion Ratio Lower Upper
95 100
174 60.4 47.7 71.5
175 4.2 3.5 5.3



#72
4-Ethyltoluene
Concen: 0.293 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.023 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion: 105 Resp: 75530
Ion Ratio Lower Upper
105 100
120 31.4 23.4 35.0
91 17.4 11.1 16.7#
77 18.6 12.1 18.1#

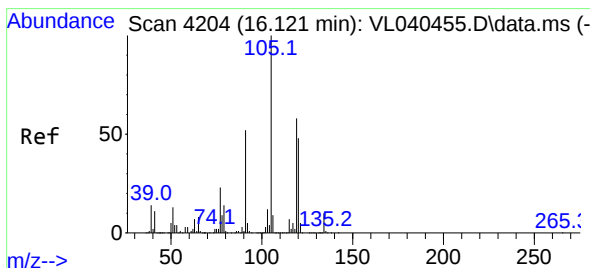
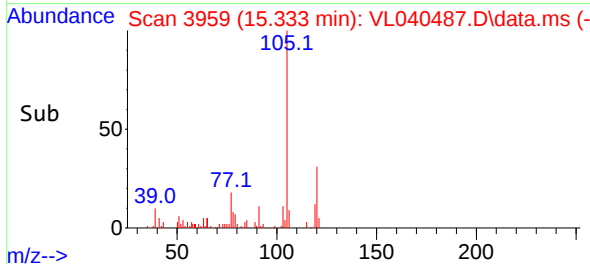
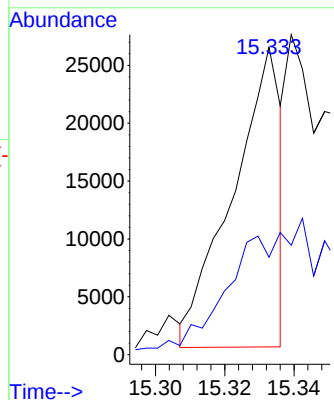
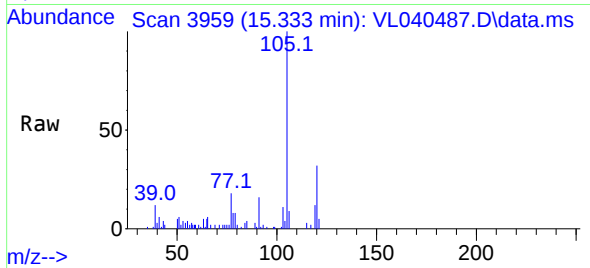




#73
 1,3,5-Trimethylbenzene
 Concen: 0.110 ppbv
 RT: 15.333 min Scan# 3968
 Delta R.T. -0.029 min
 Lab File: VL040487.D
 Acq: 22 Jun 2023 16:03

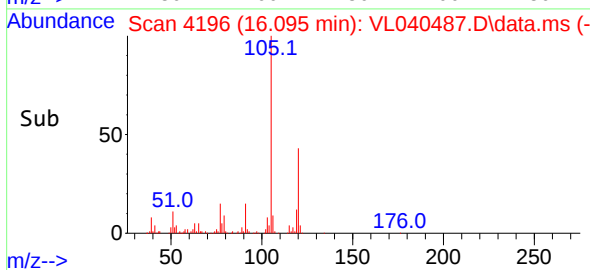
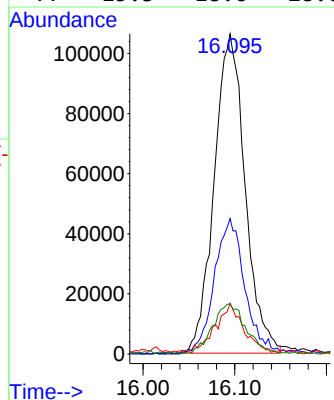
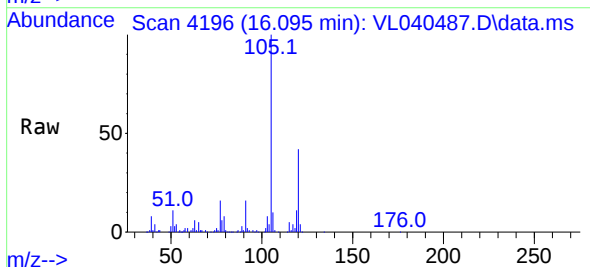
Instrument :
 MSVOA_L
 ClientSampleId :
 AI-1

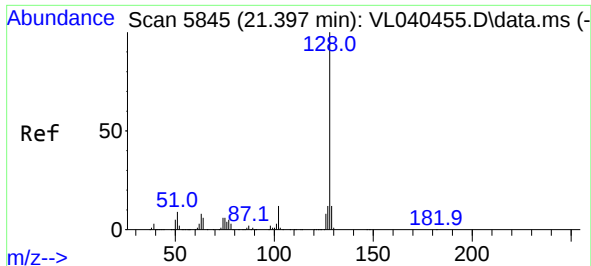
Tgt Ion:105 Resp: 25127
 Ion Ratio Lower Upper
 105 100
 120 31.9 36.4 54.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.927 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.026 min
 Lab File: VL040487.D
 Acq: 22 Jun 2023 16:03

Tgt Ion:105 Resp: 248781
 Ion Ratio Lower Upper
 105 100
 120 42.4 38.4 57.6
 91 15.0 41.3 61.9#
 77 15.3 18.6 28.0#

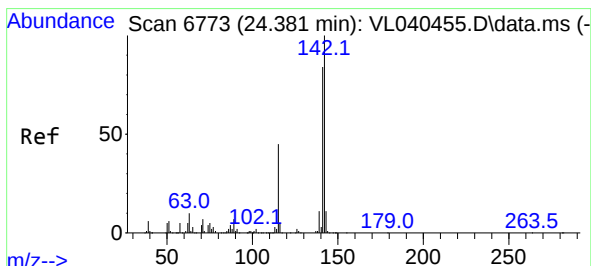
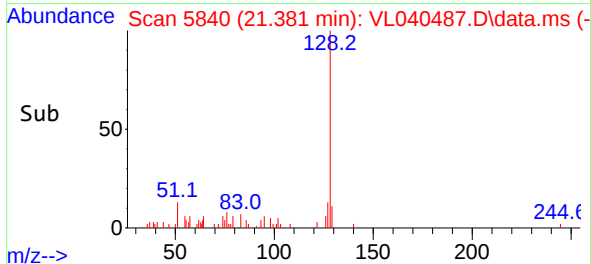
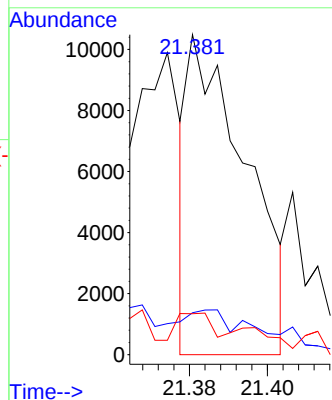
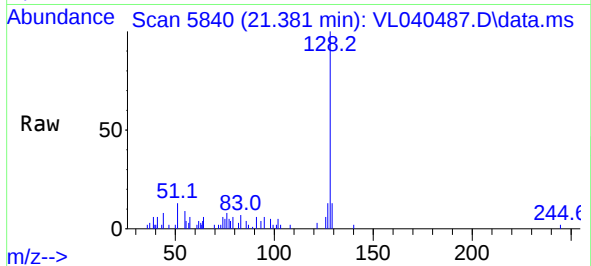




#79
Naphthalene
Concen: 0.070 ppbv
RT: 21.381 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Instrument :
MSVOA_L
ClientSampleId :
AI-1

Tgt Ion:128	Resp:	10851
Ion Ratio	Lower	Upper
128	100	
127	10.4	9.9 14.9
129	11.4	9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 0.031 ppbv
RT: 24.458 min Scan# 6797
Delta R.T. 0.077 min
Lab File: VL040487.D
Acq: 22 Jun 2023 16:03

Tgt Ion:142	Resp:	1456
Ion Ratio	Lower	Upper
142	100	
141	66.9	65.4 98.0
115	54.7	36.6 55.0

