

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041288.D
 Acq On : 24 May 2024 13:02
 Operator : SY/MD
 Sample : P2599-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 24 23:20:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

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

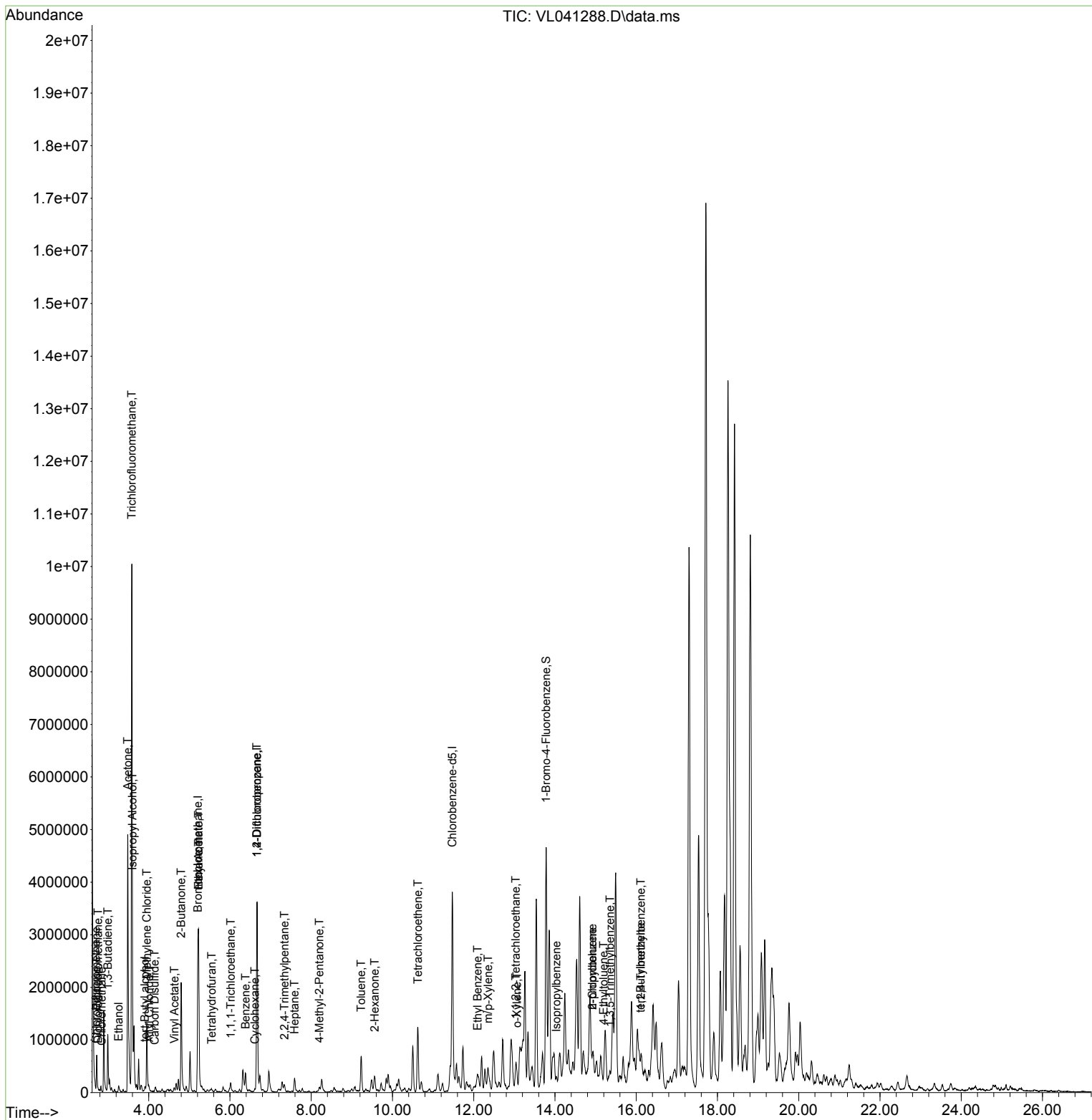
Internal Standards						
1) Bromochloromethane	5.208	49	1058763	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2693075	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2488423	10.000	ppbv	0.00

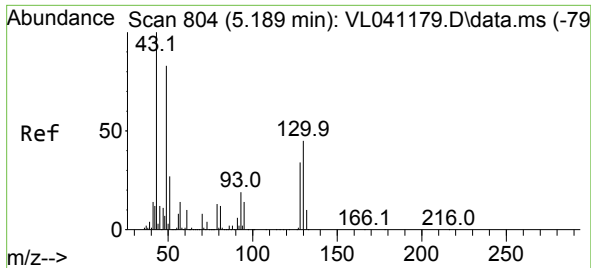
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2015042	10.726	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	20014	0.140	ppbv	93
3) Chlorodifluoromethane	2.700	51	18588	0.116	ppbv #	85
4) Chloromethane	2.838	50	3877	0.061	ppbv	98
9) Propene	2.719	41	282402	4.488	ppbv	97
10) Heptane	7.587	43	116633	0.765	ppbv	95
11) Trichlorofluoromethane	3.584	101	6429274	44.172	ppbv	93
13) Ethanol	3.259	45	129900	9.208	ppbv	96
15) Acetone	3.484	43	4993033	39.959	ppbv	94
16) 1,3-Butadiene	2.992	39	314780	4.990	ppbv #	36
17) tert-Butyl alcohol	3.906	59	58620	0.435	ppbv #	93
19) Isopropyl Alcohol	3.600	45	186314	2.272	ppbv #	41
20) Methylene Chloride	3.954	84	386300	8.890	ppbv	95
21) Allyl Chloride	4.009	41	9414	0.116	ppbv #	1
23) Vinyl Acetate	4.632	43	34427	0.250	ppbv #	35
25) Ethyl Acetate	5.227	43	676977	2.714	ppbv #	76
26) Hexane	5.227	57	969657	8.712	ppbv #	41
27) Carbon Disulfide	4.147	76	5662	0.043	ppbv #	55
30) Cyclohexane	6.613	84	17836	0.202	ppbv #	9
32) 1,1,1-Trichloroethane	6.021	97	100274	0.655	ppbv	96
34) 2-Butanone	4.799	43	2445599	17.842	ppbv	100
36) Benzene	6.388	78	262531	1.162	ppbv	97
39) 1,2-Dichloropropane	6.664	63	686670	7.884	ppbv #	25
41) Tetrahydrofuran	5.549	42	6007	0.061	ppbv #	67
44) 2,2,4-Trimethylpentane	7.340	57	94487	0.242	ppbv #	90
50) 4-Methyl-2-Pentanone	8.198	43	54624	0.222	ppbv	99
51) 2-Hexanone	9.561	43	286197	1.569	ppbv #	91
52) Tetrachloroethene	10.629	164	291620	3.671	ppbv	96
53) Toluene	9.230	91	522815	1.995	ppbv	100
58) Ethyl Benzene	12.095	91	140191	0.411	ppbv	99
59) m/p-Xylene	12.352	91	347171	1.211	ppbv	95
60) o-Xylene	13.066	91	164908	0.613	ppbv	97
62) Isopropylbenzene	14.034	105	29584	0.074	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.037	83	10408	0.057	ppbv #	24
64) n-propylbenzene	14.921	120	4785	0.048	ppbv #	1
65) tert-Butylbenzene	16.111	119	18920	0.053	ppbv #	17
71) 2-Chlorotoluene	14.921	91	74583	0.244	ppbv	82
72) 4-Ethyltoluene	15.201	105	36869	0.121	ppbv #	54
73) 1,3,5-Trimethylbenzene	15.359	105	73527	0.267	ppbv	96
74) 1,2,4-Trimethylbenzene	16.114	105	238296	0.792	ppbv #	67

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

Quant Time: May 24 23:20:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 24 23:11:50 2024
Response via : Initial Calibration

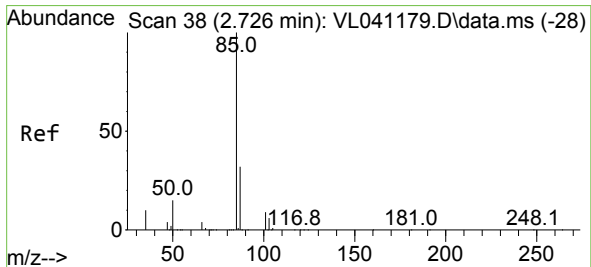
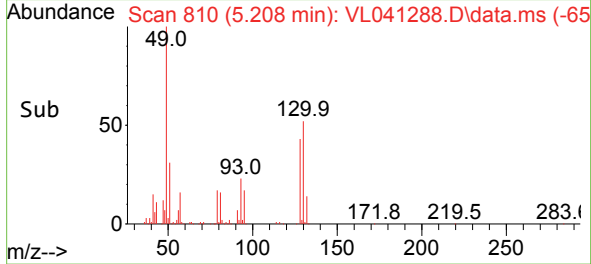
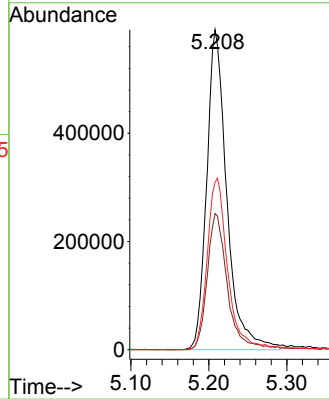
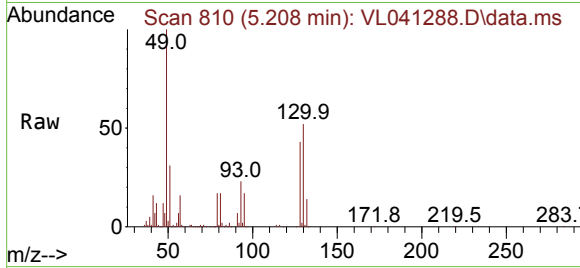




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

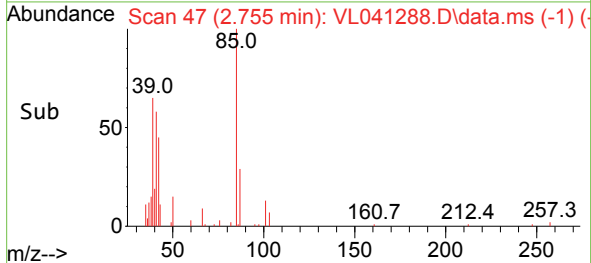
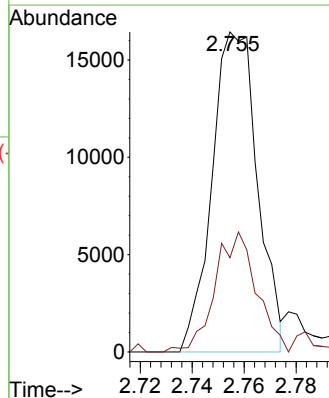
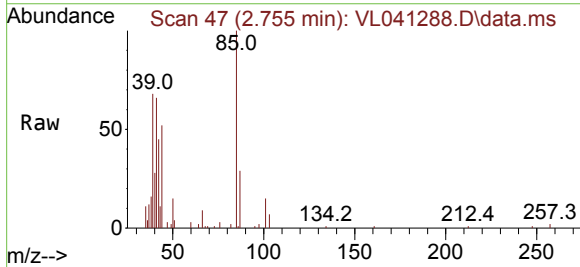
Instrument :
MSVOA_L
ClientSampleId :

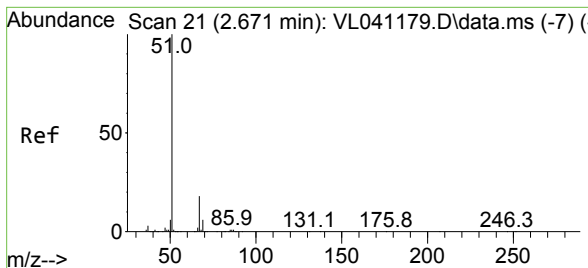
Tgt Ion: 49 Resp: 1058763
Ion Ratio Lower Upper
49 100
128 43.7 21.5 64.5
130 55.7 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 0.140 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.000 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

Tgt Ion: 85 Resp: 20014
Ion Ratio Lower Upper
85 100
87 28.3 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.116 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.000 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

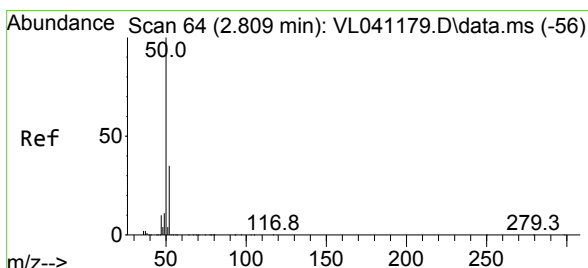
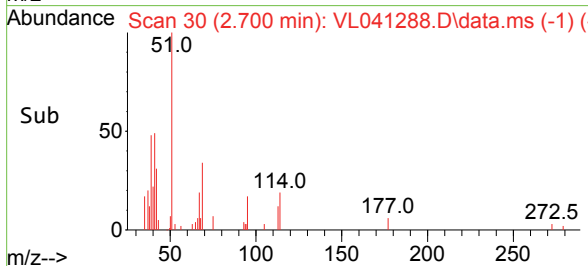
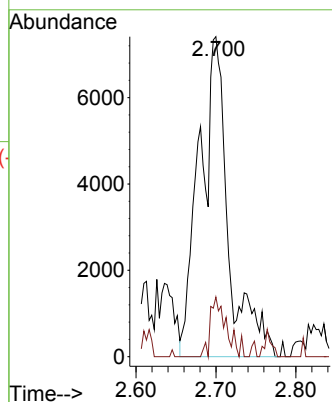
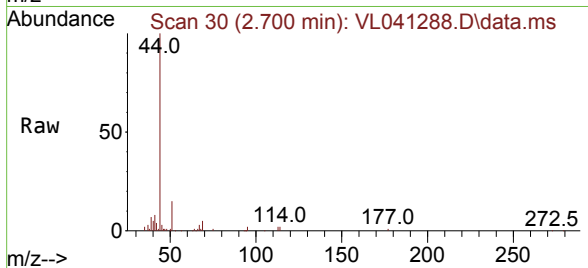
ClientSampleId :

Tgt Ion: 51 Resp: 18588

Ion Ratio Lower Upper

51 100

67 10.9 14.0 21.0#



#4

Chloromethane

Concen: 0.061 ppbv

RT: 2.838 min Scan# 73

Delta R.T. 0.000 min

Lab File: VL041288.D

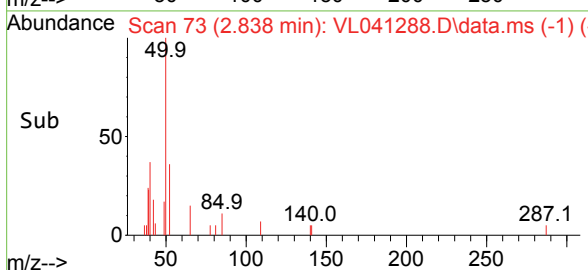
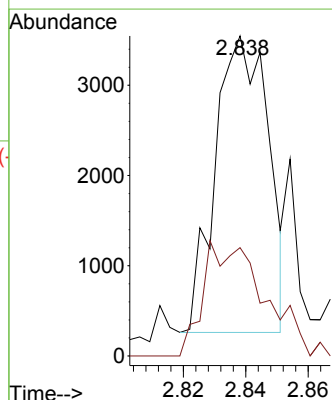
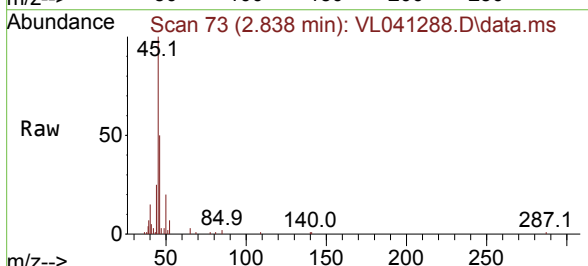
Acq: 24 May 2024 13:02

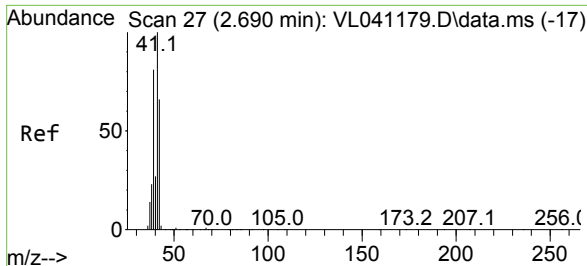
Tgt Ion: 50 Resp: 3877

Ion Ratio Lower Upper

50 100

52 36.6 28.3 42.5

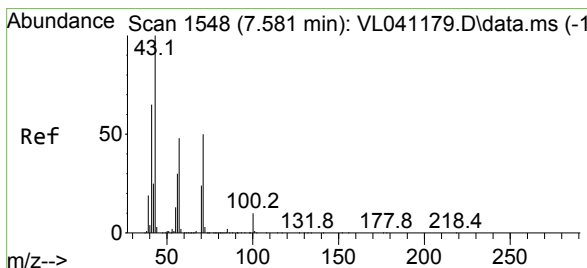
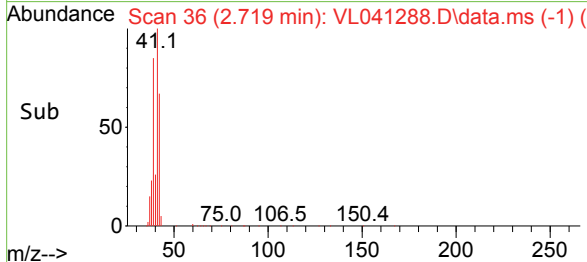
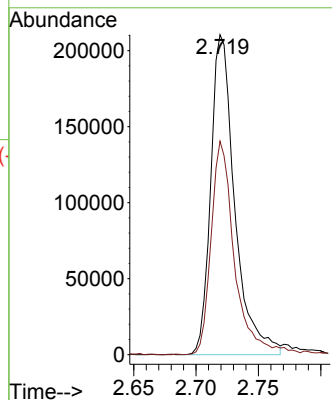
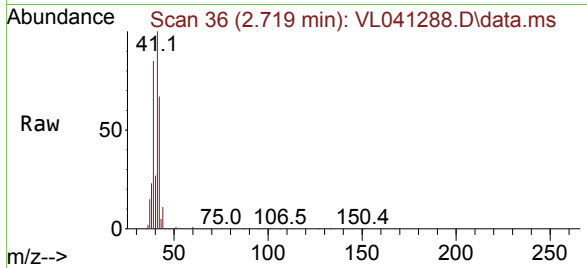




#9
Propene
Concen: 4.488 ppbv
RT: 2.719 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

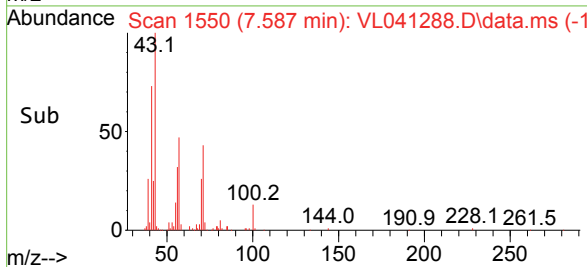
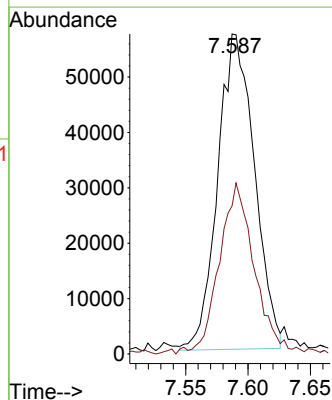
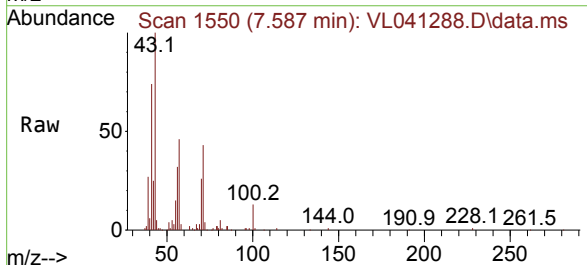
Instrument :
MSVOA_L
ClientSampleId :

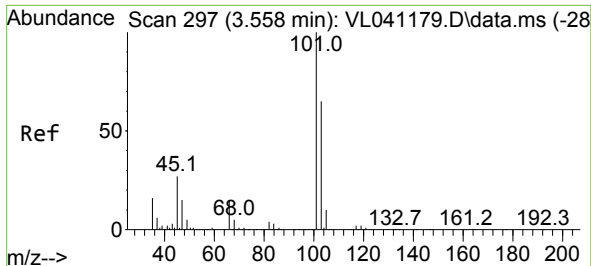
Tgt Ion: 41 Resp: 282402
Ion Ratio Lower Upper
41 100
42 66.6 55.3 82.9



#10
Heptane
Concen: 0.765 ppbv
RT: 7.587 min Scan# 1550
Delta R.T. -0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

Tgt Ion: 43 Resp: 116633
Ion Ratio Lower Upper
43 100
57 51.9 38.7 58.1

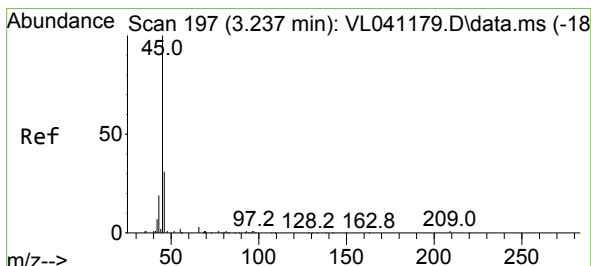
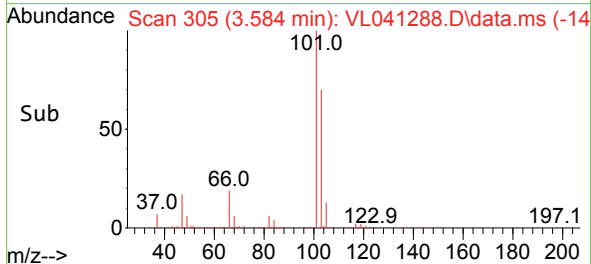
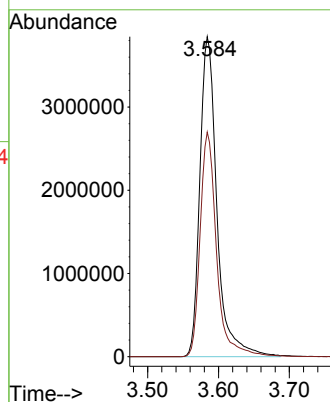
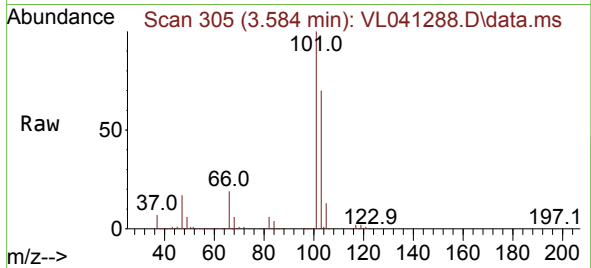




#11
 Trichlorofluoromethane
 Concen: 44.172 ppbv
 RT: 3.584 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VL041288.D
 Acq: 24 May 2024 13:02

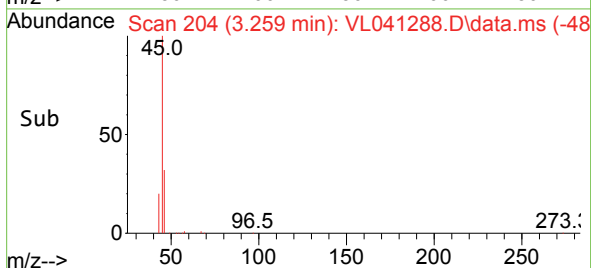
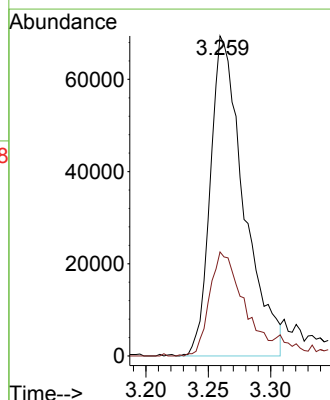
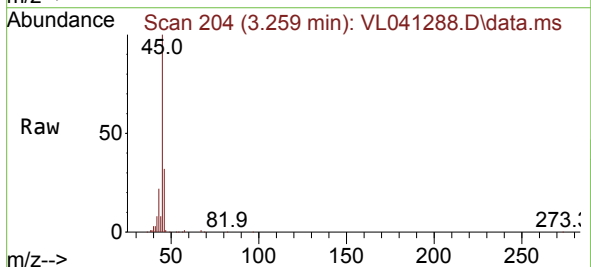
Instrument :
 MSVOA_L
 ClientSampleId :

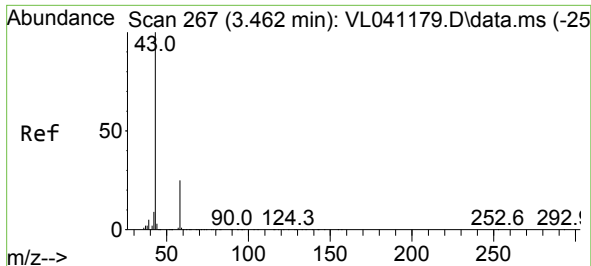
Tgt Ion:101 Resp: 6429274
 Ion Ratio Lower Upper
 101 100
 103 70.2 51.6 77.4



#13
 Ethanol
 Concen: 9.208 ppbv
 RT: 3.259 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VL041288.D
 Acq: 24 May 2024 13:02

Tgt Ion: 45 Resp: 129900
 Ion Ratio Lower Upper
 45 100
 46 39.0 14.8 59.0

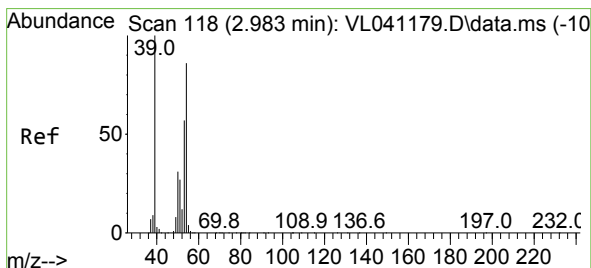
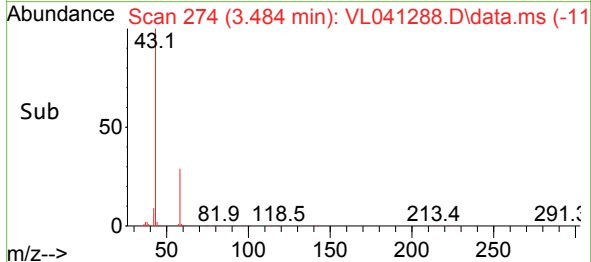
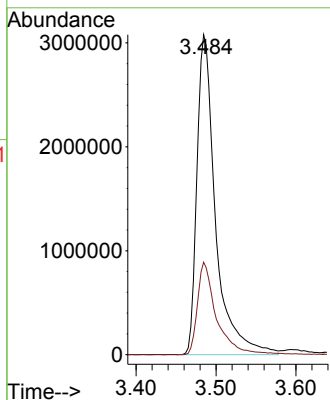
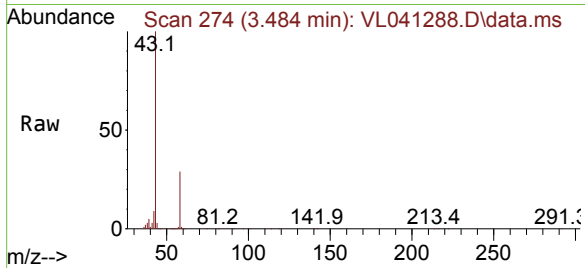




#15
Acetone
Concen: 39.959 ppbv
RT: 3.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

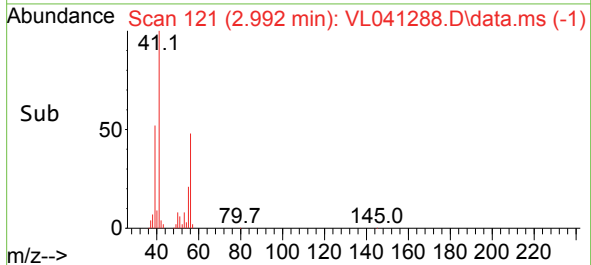
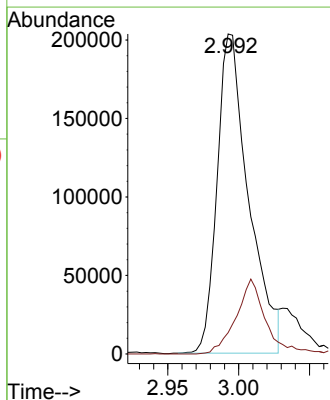
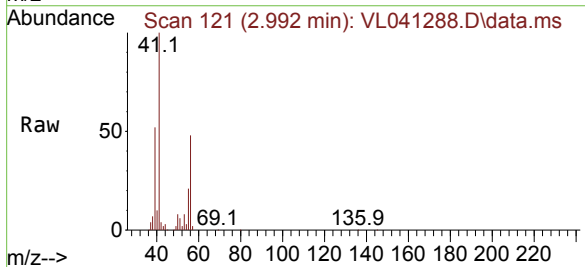
Instrument :
MSVOA_L
ClientSampleId :

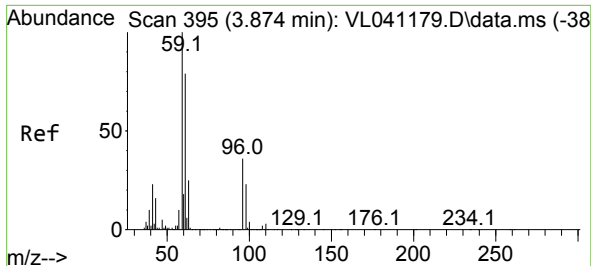
Tgt Ion: 43 Resp: 4993033
Ion Ratio Lower Upper
43 100
58 30.0 21.4 32.0



#16
1,3-Butadiene
Concen: 4.990 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.016 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

Tgt Ion: 39 Resp: 314780
Ion Ratio Lower Upper
39 100
54 22.1 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.435 ppbv

RT: 3.906 min Scan# 405

Delta R.T. 0.010 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

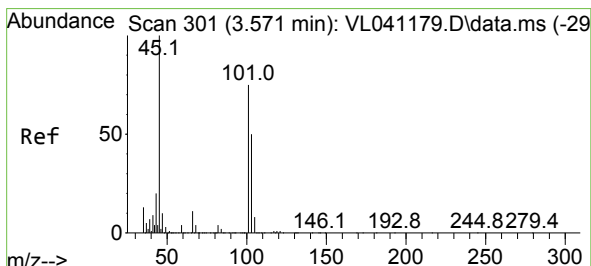
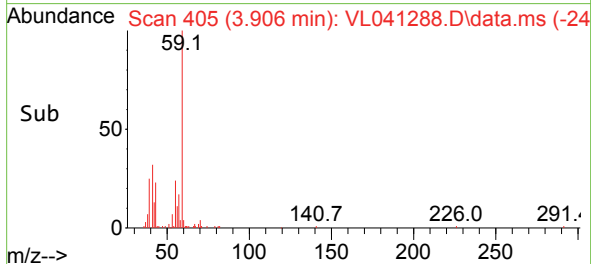
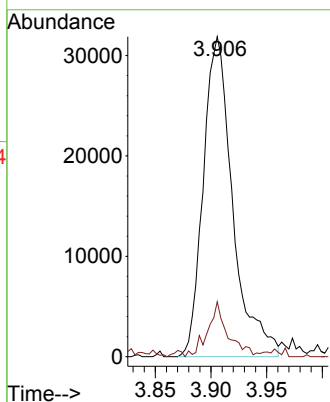
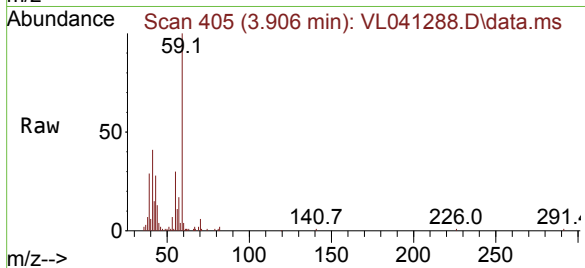
ClientSampleId :

Tgt Ion: 59 Resp: 58620

Ion Ratio Lower Upper

59 100

57 13.0 8.4 12.6#



#19

Isopropyl Alcohol

Concen: 2.272 ppbv

RT: 3.600 min Scan# 310

Delta R.T. 0.006 min

Lab File: VL041288.D

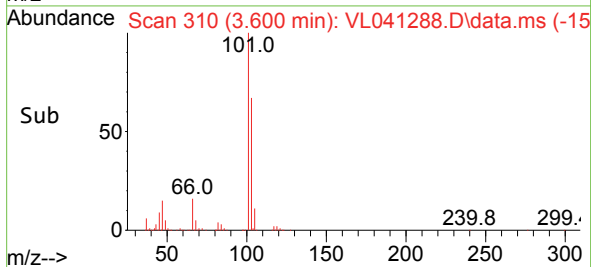
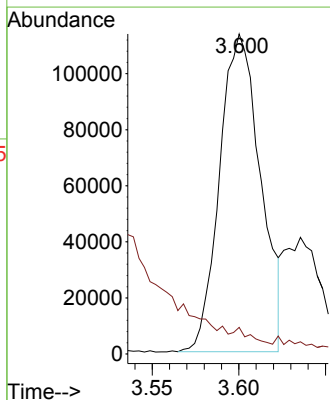
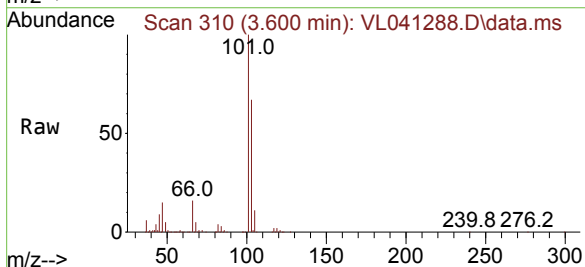
Acq: 24 May 2024 13:02

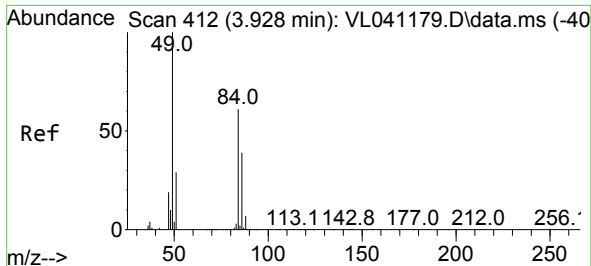
Tgt Ion: 45 Resp: 186314

Ion Ratio Lower Upper

45 100

58 0.0 26.8 40.2#





#20

Methylene Chloride

Concen: 8.890 ppbv

RT: 3.954 min Scan# 412

Delta R.T. 0.003 min

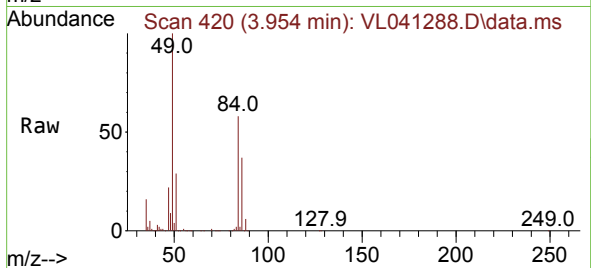
Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 386300

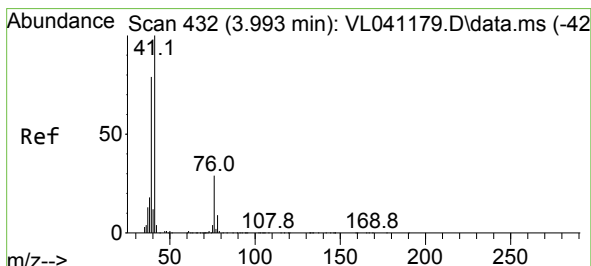
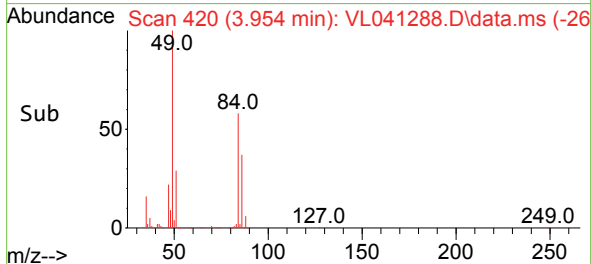
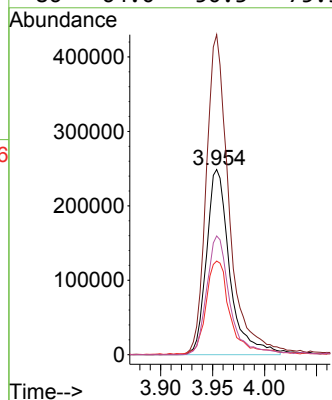
Ion Ratio Lower Upper

84 100

49 172.7 130.4 195.6

51 50.0 38.0 57.0

86 64.0 50.3 75.5



#21

Allyl Chloride

Concen: 0.116 ppbv

RT: 4.009 min Scan# 437

Delta R.T. -0.006 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

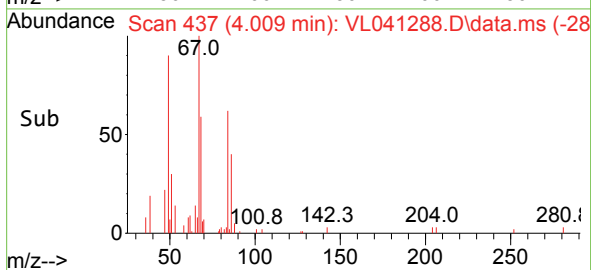
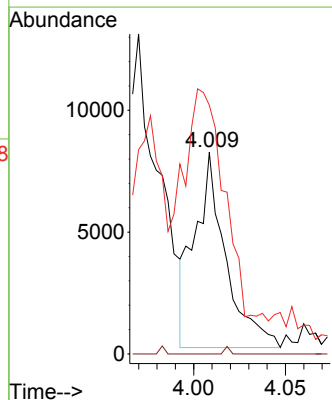
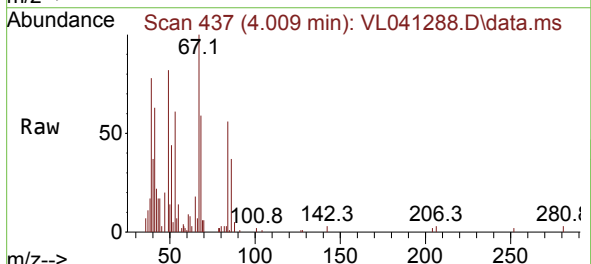
Tgt Ion: 41 Resp: 9414

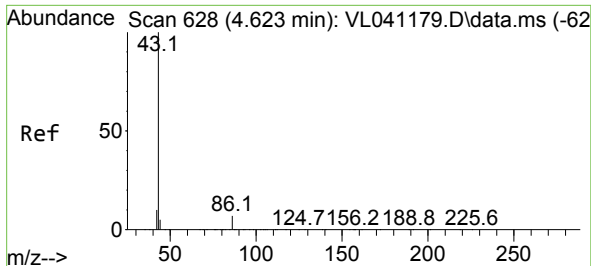
Ion Ratio Lower Upper

41 100

76 0.0 23.7 35.5#

39 190.2 64.7 97.1#

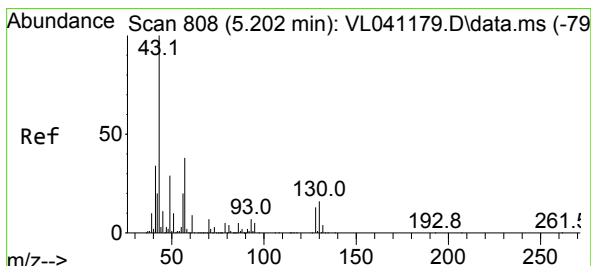
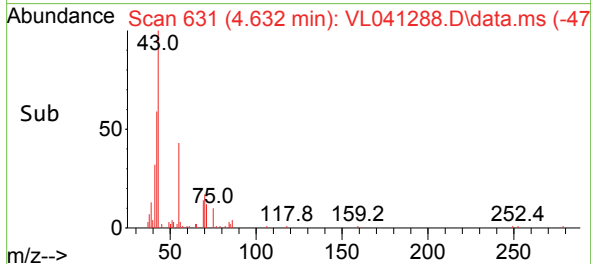
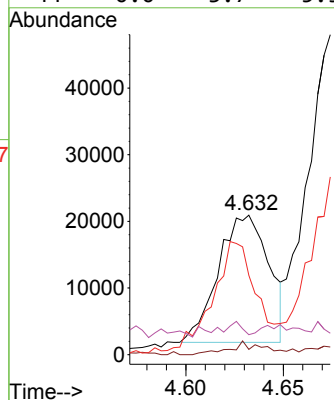
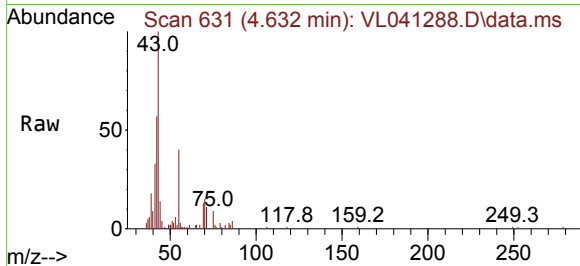




#23
 Vinyl Acetate
 Concen: 0.250 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL041288.D
 Acq: 24 May 2024 13:02

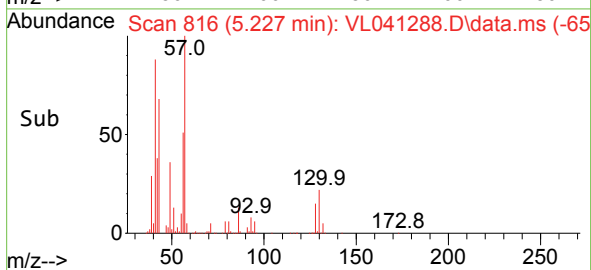
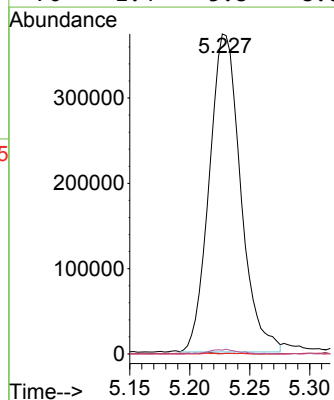
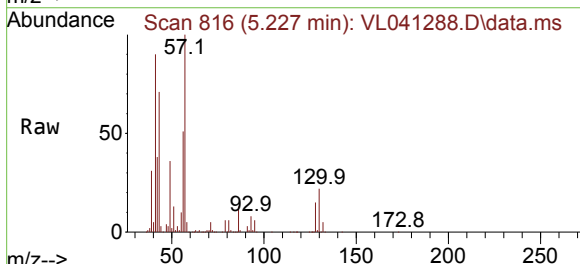
Instrument :
 MSVOA_L
 ClientSampleId :

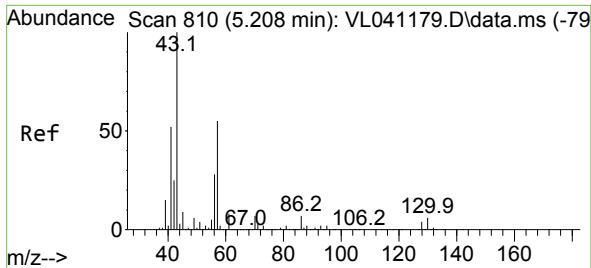
Tgt Ion: 43 Resp: 34427
 Ion Ratio Lower Upper
 43 100
 86 4.2 4.9 7.3#
 42 56.4 8.0 12.0#
 44 0.0 3.7 5.5#



#25
 Ethyl Acetate
 Concen: 2.714 ppbv
 RT: 5.227 min Scan# 816
 Delta R.T. 0.010 min
 Lab File: VL041288.D
 Acq: 24 May 2024 13:02

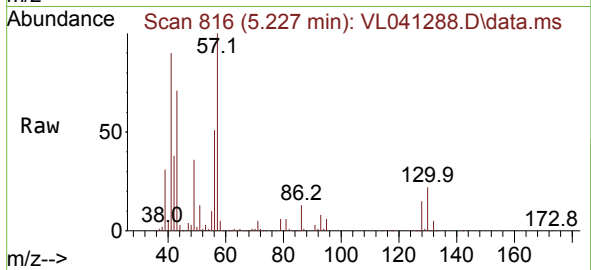
Tgt Ion: 43 Resp: 676977
 Ion Ratio Lower Upper
 43 100
 45 0.3 8.2 12.2#
 61 0.2 7.7 11.5#
 70 1.4 5.8 8.6#



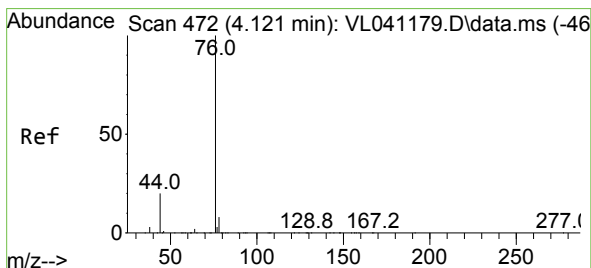
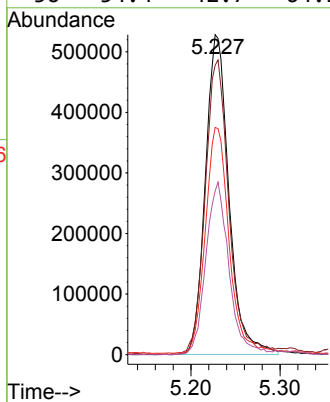
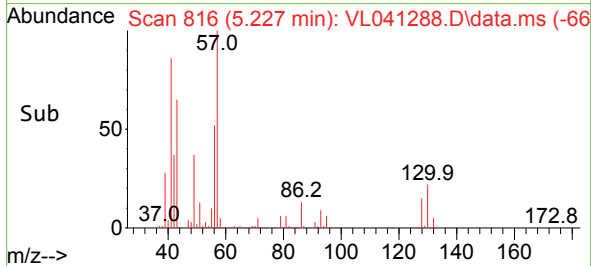


#26
Hexane
Concen: 8.712 ppbv
RT: 5.227 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

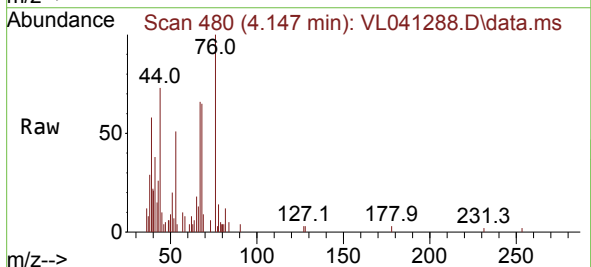
Instrument :
MSVOA_L
ClientSampleId :



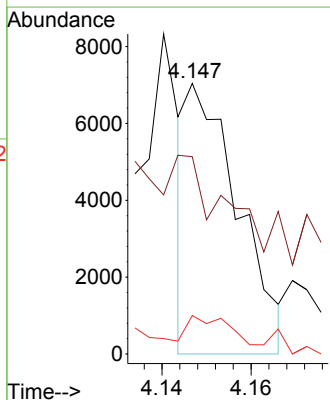
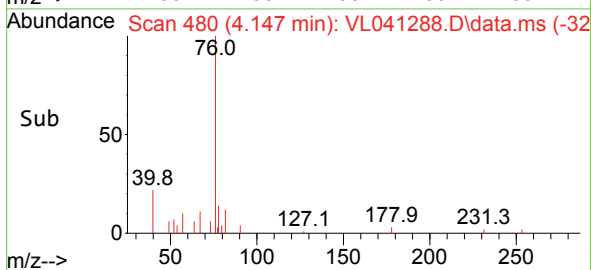
Tgt Ion: 57 Resp: 969657
Ion Ratio Lower Upper
57 100
41 95.7 75.8 113.8
43 73.3 187.0 280.4#
56 54.4 42.7 64.1

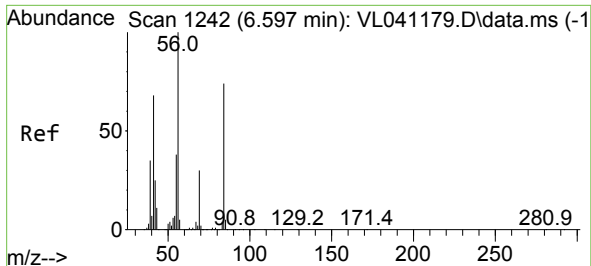


#27
Carbon Disulfide
Concen: 0.043 ppbv
RT: 4.147 min Scan# 480
Delta R.T. 0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02



Tgt Ion: 76 Resp: 5662
Ion Ratio Lower Upper
76 100
44 0.0 16.3 24.5#
78 26.5 7.3 10.9#

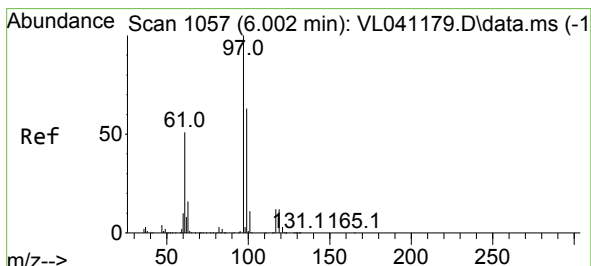
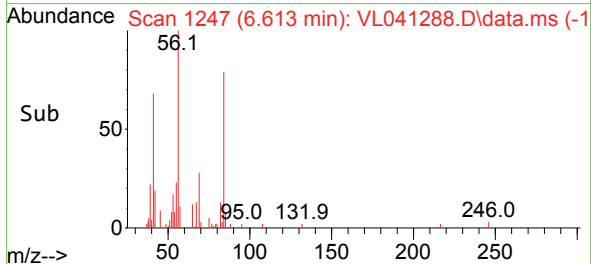
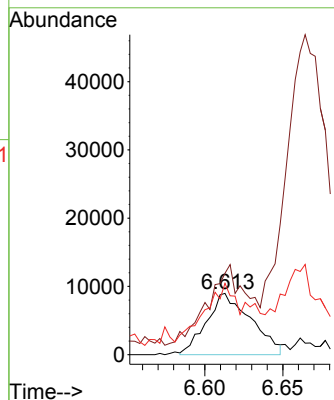
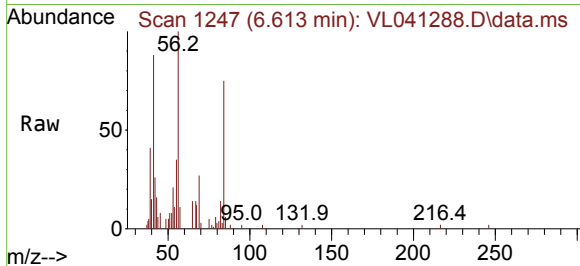




#30
Cyclohexane
Concen: 0.202 ppbv
RT: 6.613 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

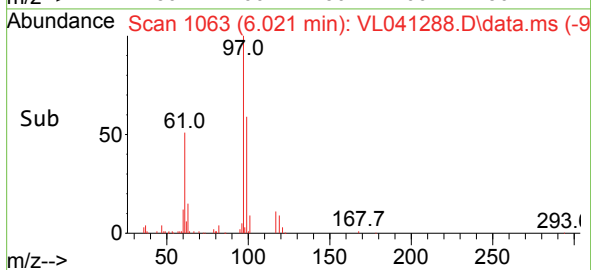
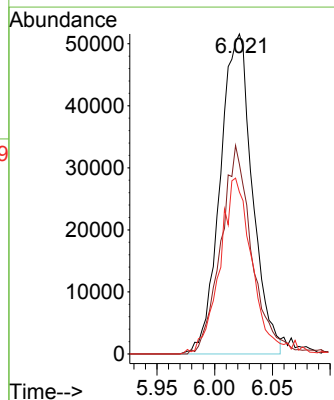
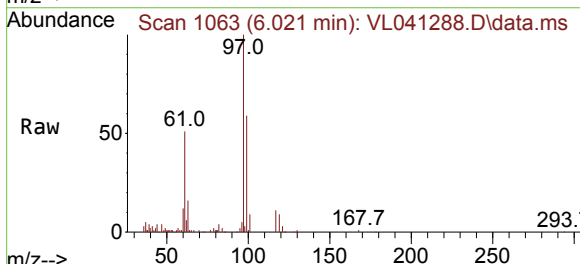
Instrument :
MSVOA_L
ClientSampleId :

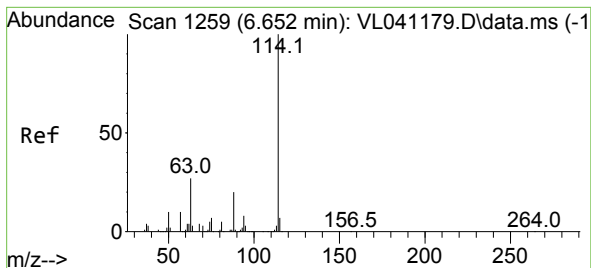
Tgt Ion: 84 Resp: 17836
Ion Ratio Lower Upper
84 100
56 0.0 116.8 175.2#
41 139.2 73.8 110.8#



#32
1,1,1-Trichloroethane
Concen: 0.655 ppbv
RT: 6.021 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

Tgt Ion: 97 Resp: 100274
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 56.3 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

ClientSampleId :

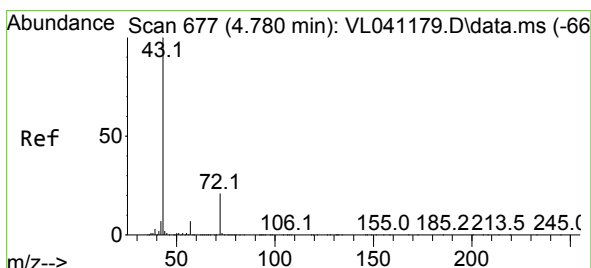
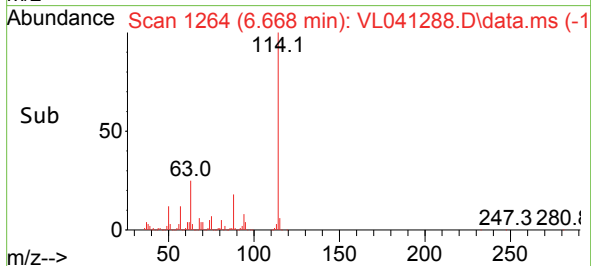
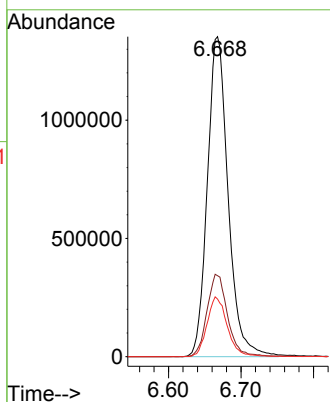
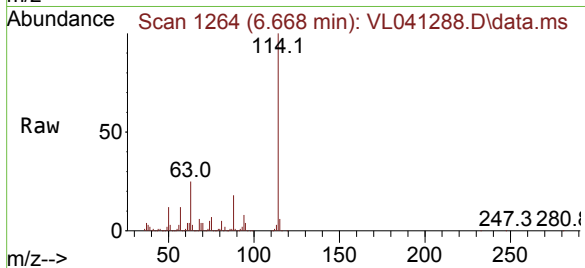
Tgt Ion:114 Resp: 2693075

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 18.3 15.2 22.8



#34

2-Butanone

Concen: 17.842 ppbv

RT: 4.799 min Scan# 683

Delta R.T. -0.003 min

Lab File: VL041288.D

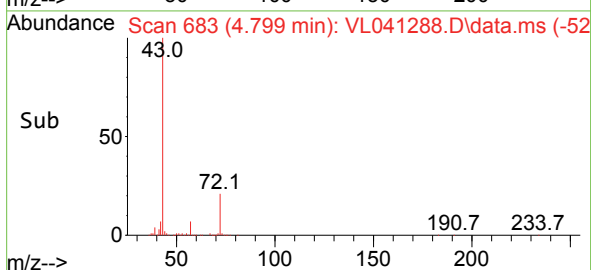
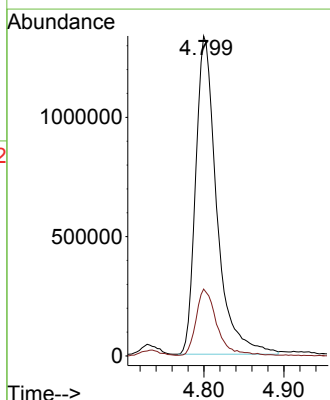
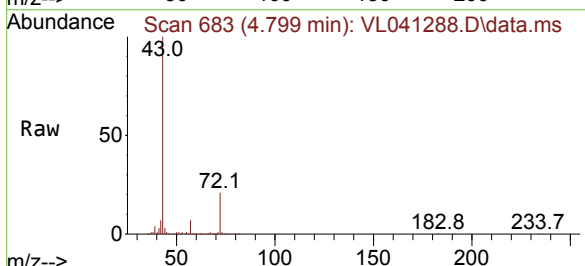
Acq: 24 May 2024 13:02

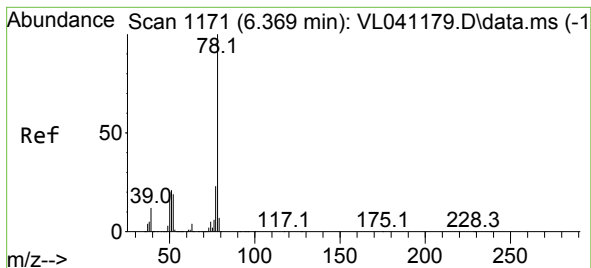
Tgt Ion: 43 Resp: 2445599

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9





#36

Benzene

Concen: 1.162 ppbv

RT: 6.388 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

ClientSampleId :

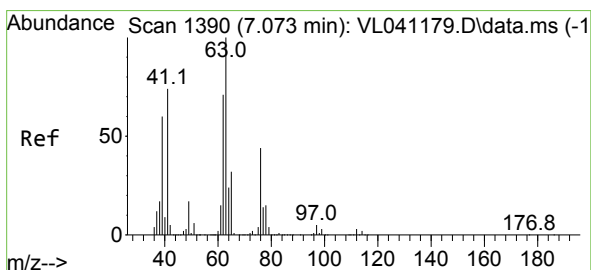
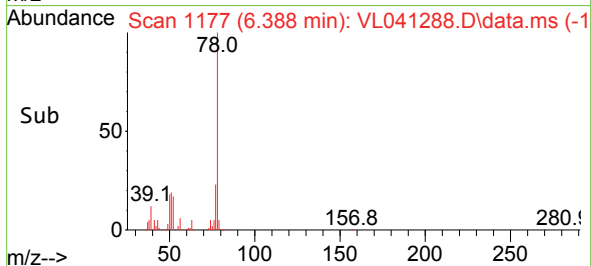
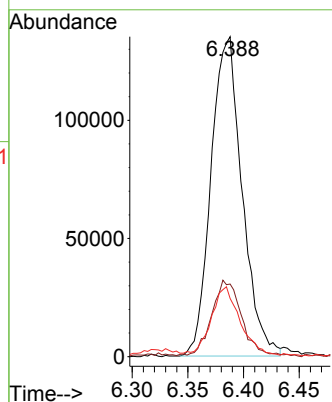
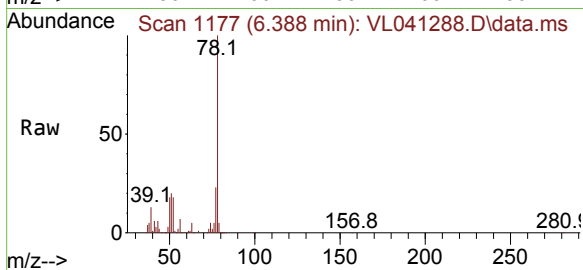
Tgt Ion: 78 Resp: 262531

Ion Ratio Lower Upper

78 100

77 22.2 18.3 27.5

50 17.9 15.9 23.9



#39

1,2-Dichloropropane

Concen: 7.884 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. -0.421 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

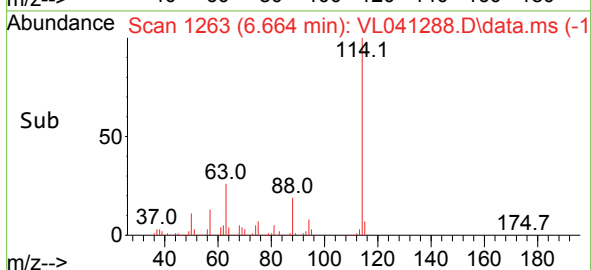
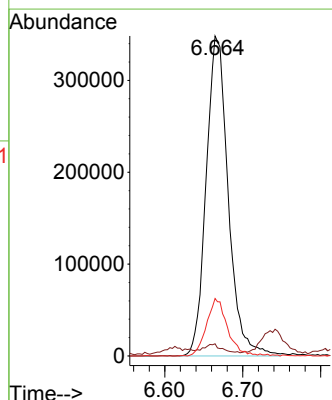
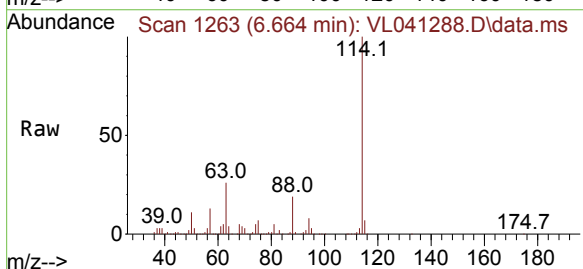
Tgt Ion: 63 Resp: 686670

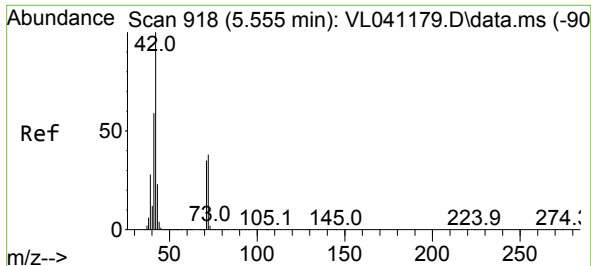
Ion Ratio Lower Upper

63 100

41 1.3 59.4 89.0#

62 18.0 56.8 85.2#





#41

Tetrahydrofuran

Concen: 0.061 ppbv

RT: 5.549 min Scan# 918

Delta R.T. -0.022 min

Lab File: VL041288.D

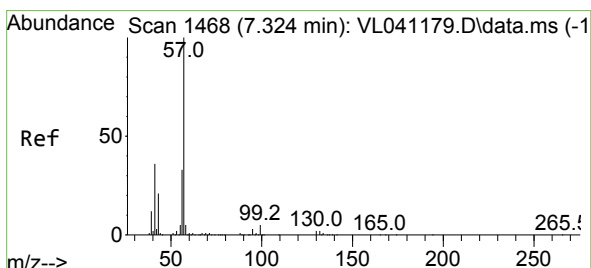
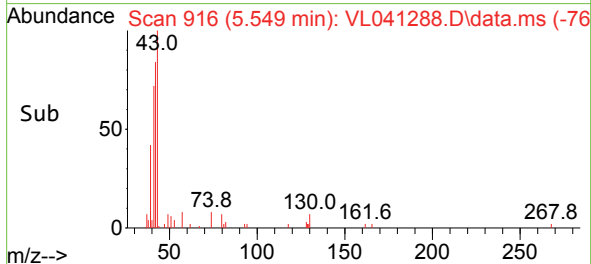
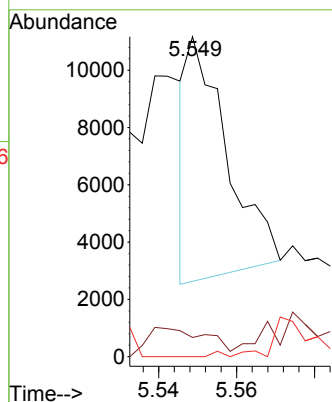
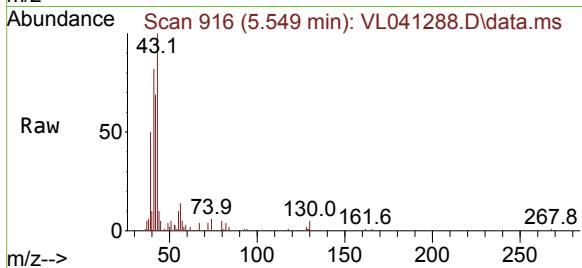
Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	6007
Ion Ratio	Lower	Upper	
42	100		
72	39.4	29.4	44.0
71	0.0	29.1	43.7#



#44

2,2,4-Trimethylpentane

Concen: 0.242 ppbv

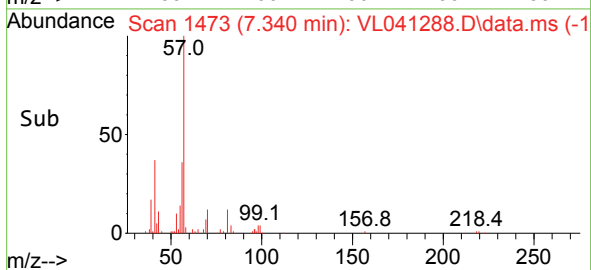
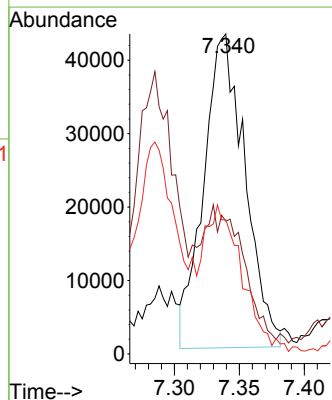
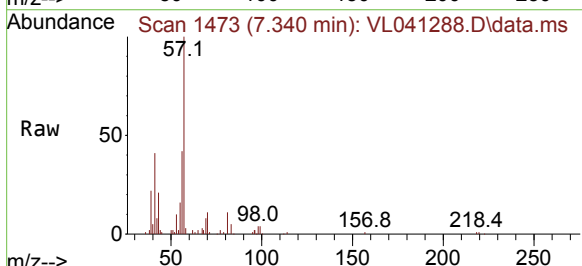
RT: 7.340 min Scan# 1473

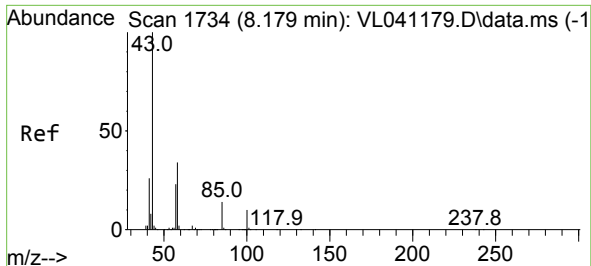
Delta R.T. 0.003 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Tgt Ion:	57	Resp:	94487
Ion Ratio	Lower	Upper	
57	100		
41	38.6	29.5	44.3
56	41.5	25.3	37.9#





#50

4-Methyl-2-Pentanone

Concen: 0.222 ppbv

RT: 8.198 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

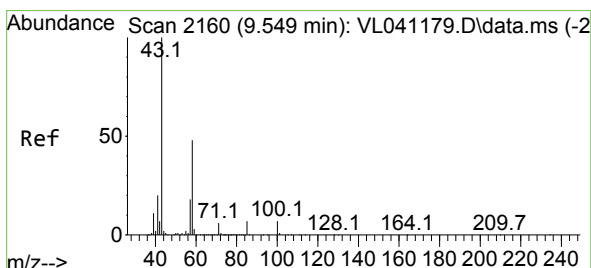
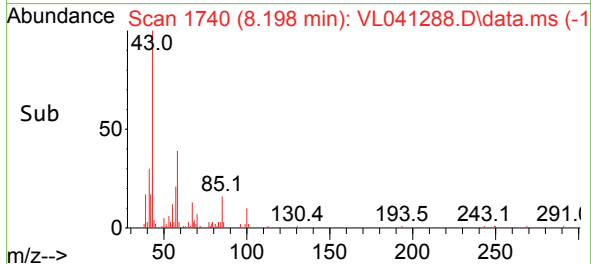
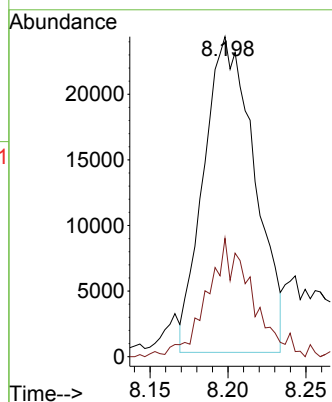
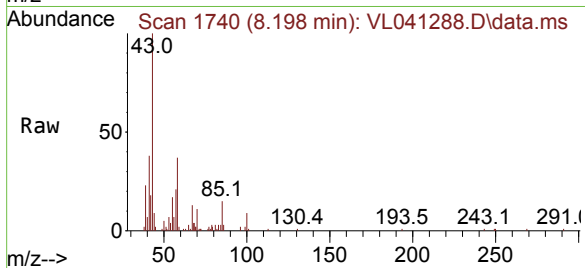
ClientSampleId :

Tgt Ion: 43 Resp: 54624

Ion Ratio Lower Upper

43 100

58 34.0 27.7 41.5



#51

2-Hexanone

Concen: 1.569 ppbv

RT: 9.561 min Scan# 2164

Delta R.T. 0.003 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

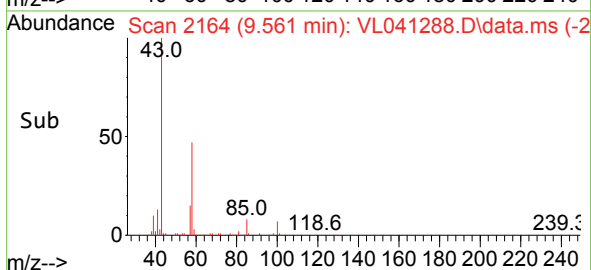
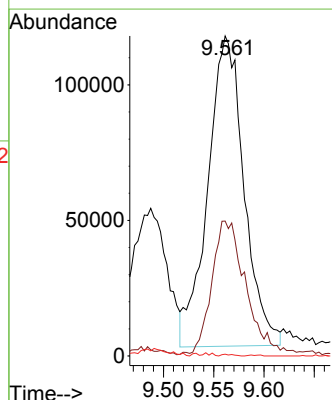
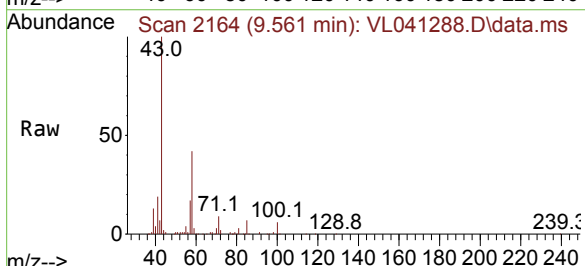
Tgt Ion: 43 Resp: 286197

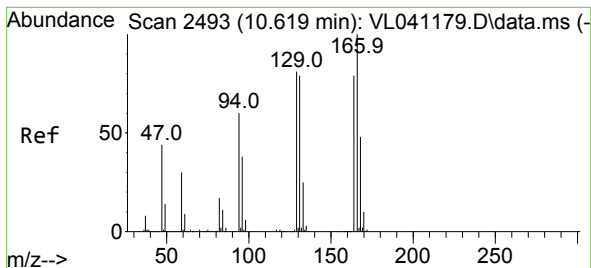
Ion Ratio Lower Upper

43 100

58 41.7 38.4 57.6

98 0.4 0.0 0.0#





#52

Tetrachloroethene

Concen: 3.671 ppbv

RT: 10.629 min Scan# 2496

Delta R.T. 0.006 min

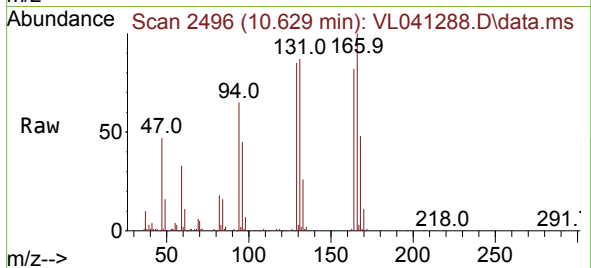
Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:164 Resp: 291620

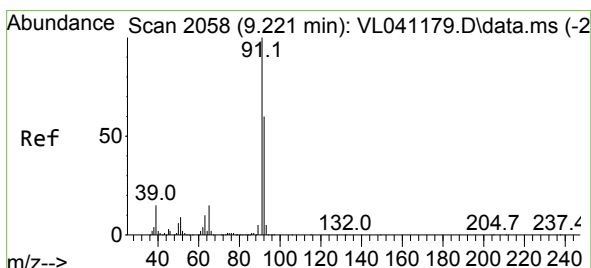
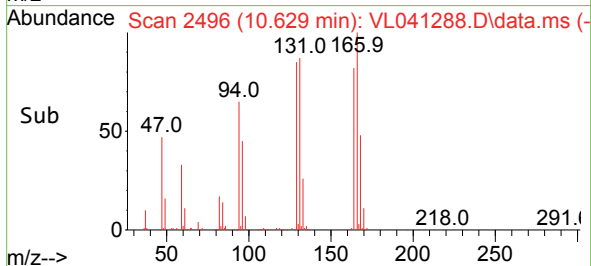
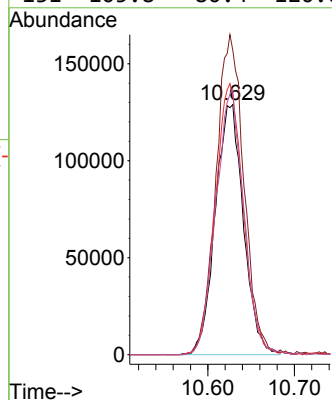
Ion Ratio Lower Upper

164 100

166 121.6 101.1 151.7

129 103.6 81.7 122.5

131 105.8 80.4 120.6



#53

Toluene

Concen: 1.995 ppbv

RT: 9.230 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VL041288.D

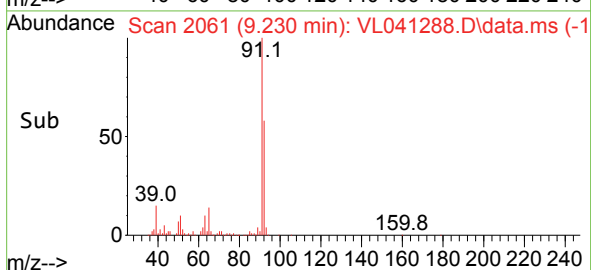
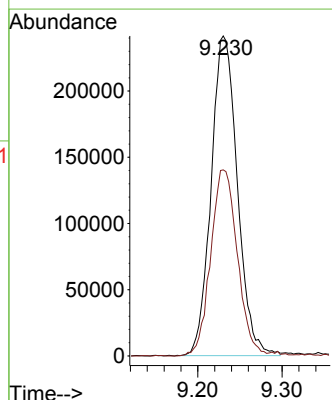
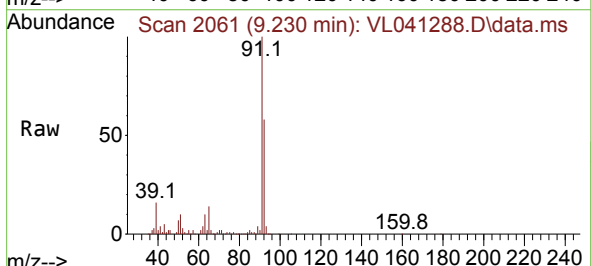
Acq: 24 May 2024 13:02

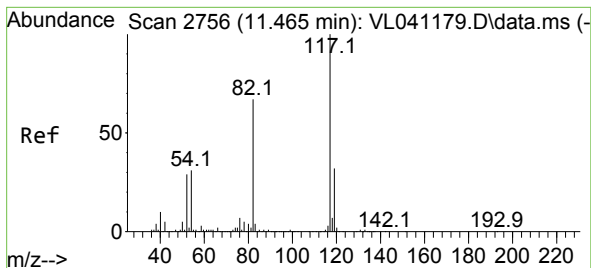
Tgt Ion: 91 Resp: 522815

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

ClientSampleId :

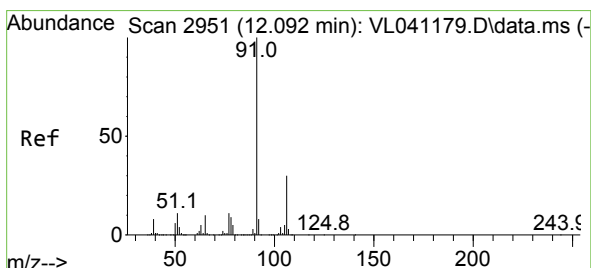
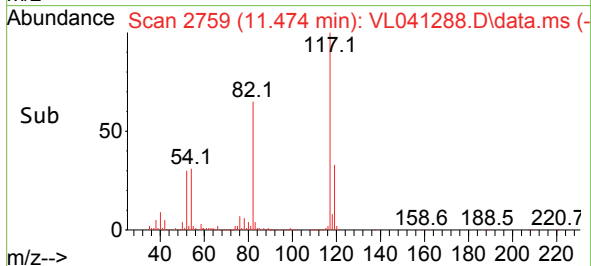
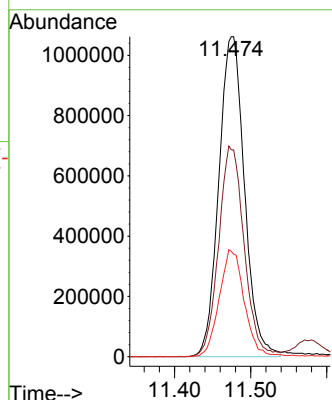
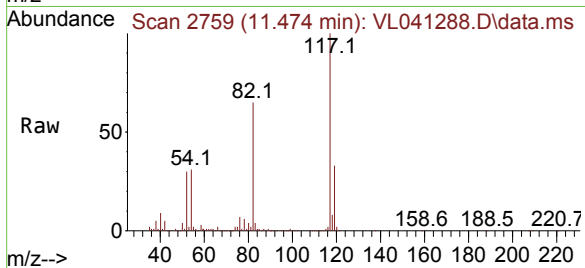
Tgt Ion:117 Resp: 2488423

Ion Ratio Lower Upper

117 100

82 65.4 53.6 80.4

119 33.0 27.2 40.8



#58

Ethyl Benzene

Concen: 0.411 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VL041288.D

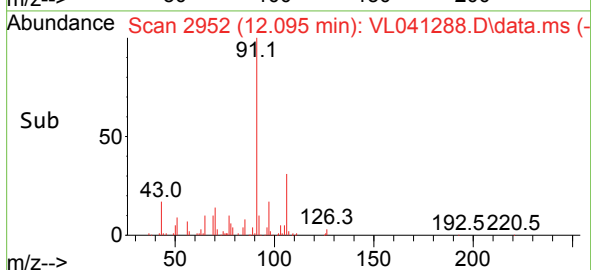
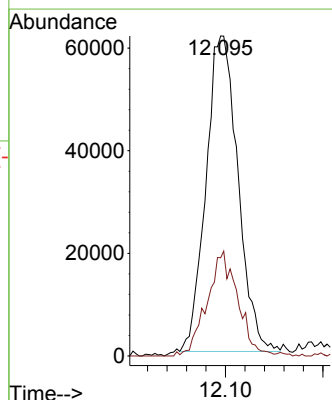
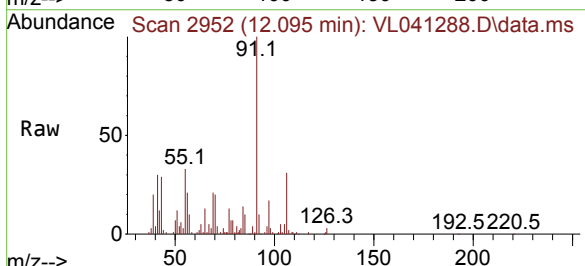
Acq: 24 May 2024 13:02

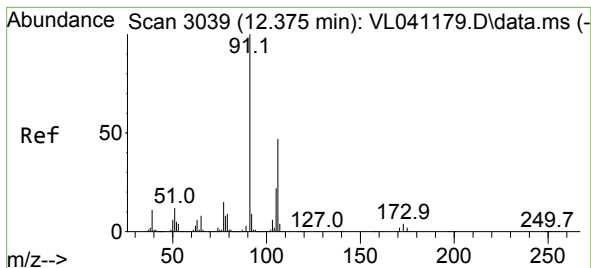
Tgt Ion: 91 Resp: 140191

Ion Ratio Lower Upper

91 100

106 30.8 24.3 36.5





#59

m/p-Xylene

Concen: 1.211 ppbv

RT: 12.352 min Scan# 3032

Delta R.T. -0.026 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

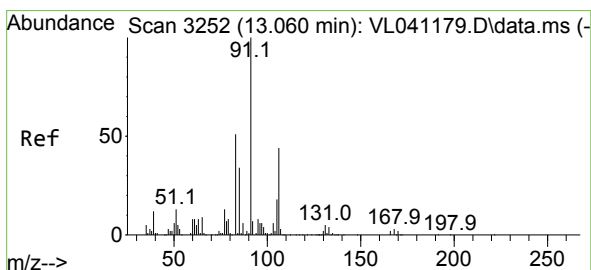
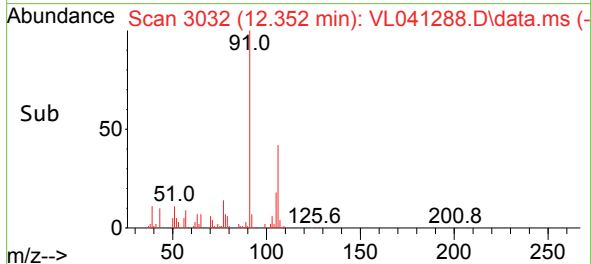
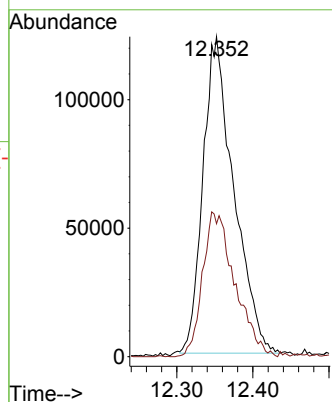
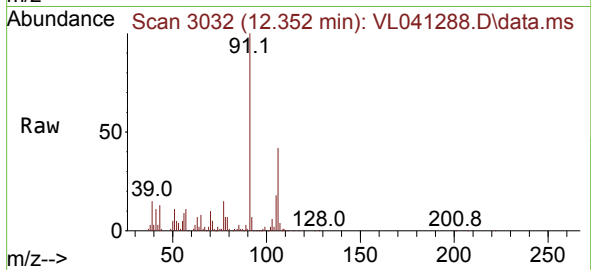
ClientSampleId :

Tgt Ion: 91 Resp: 347171

Ion Ratio Lower Upper

91 100

106 48.1 35.7 53.5



#60

o-Xylene

Concen: 0.613 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.003 min

Lab File: VL041288.D

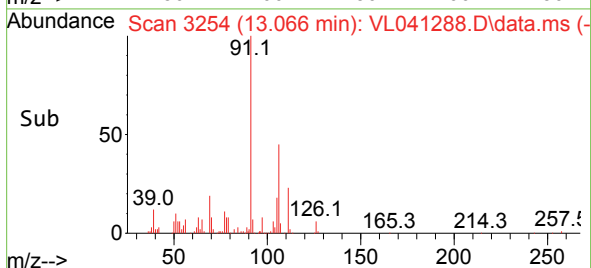
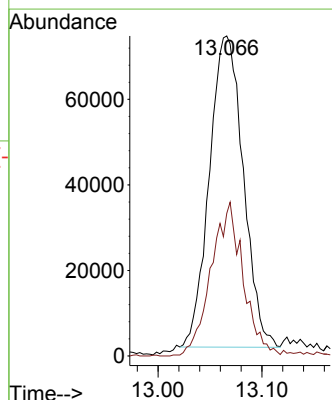
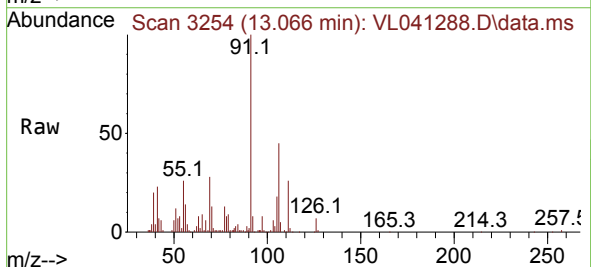
Acq: 24 May 2024 13:02

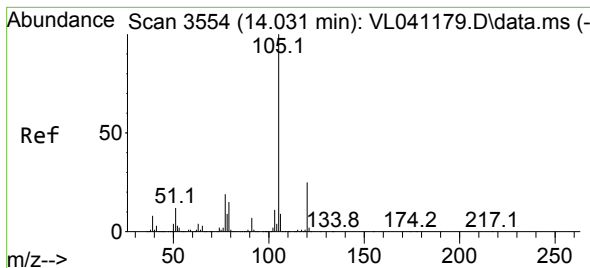
Tgt Ion: 91 Resp: 164908

Ion Ratio Lower Upper

91 100

106 46.9 22.4 67.3





#62

Isopropylbenzene

Concen: 0.074 ppbv

RT: 14.034 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

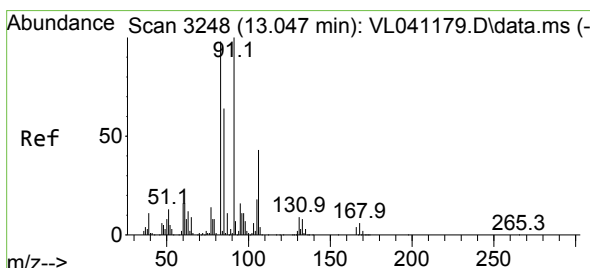
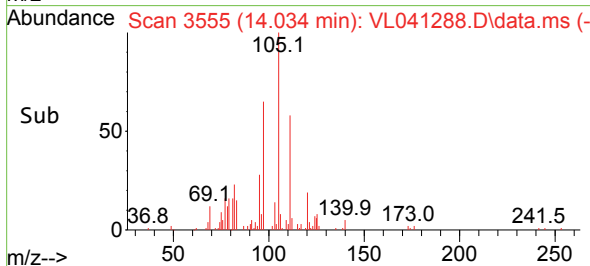
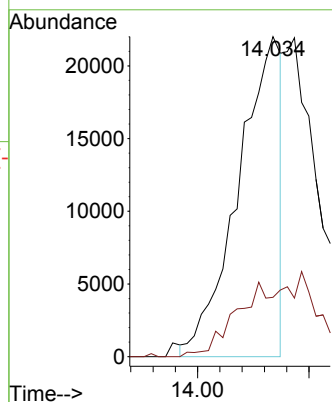
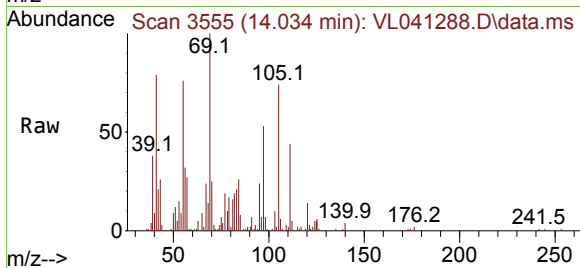
ClientSampleId :

Tgt Ion:105 Resp: 29584

Ion Ratio Lower Upper

105 100

120 0.0 20.2 30.2#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.057 ppbv

RT: 13.037 min Scan# 3245

Delta R.T. -0.013 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

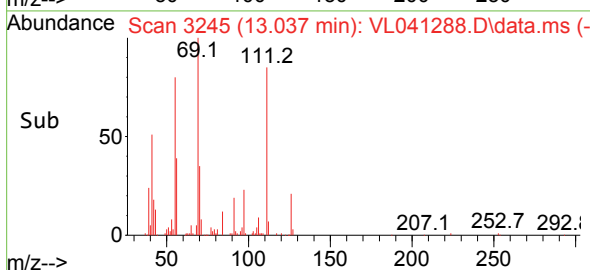
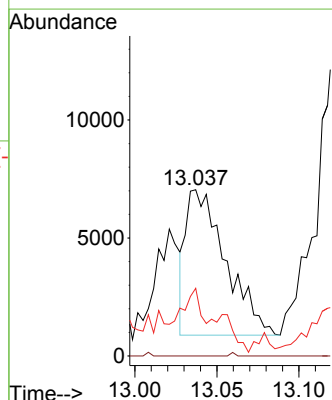
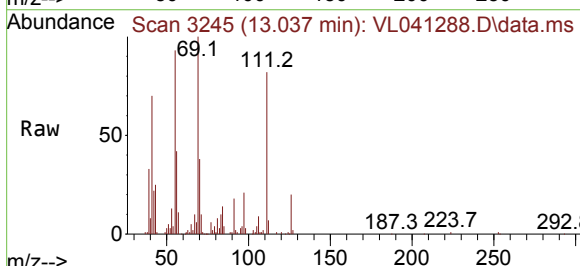
Tgt Ion: 83 Resp: 10408

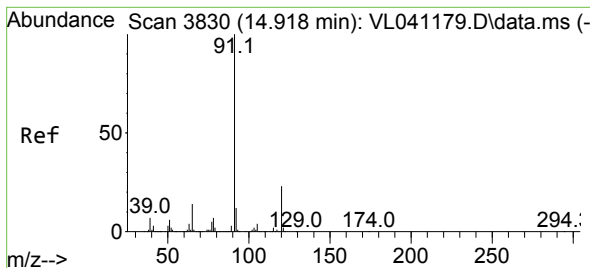
Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.7 98.1#





#64

n-propylbenzene

Concen: 0.048 ppbv

RT: 14.921 min Scan# 3831

Delta R.T. 0.003 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

Instrument :

MSVOA_L

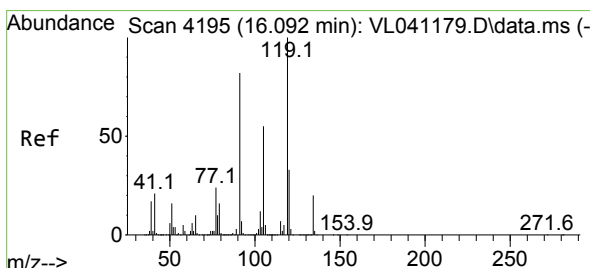
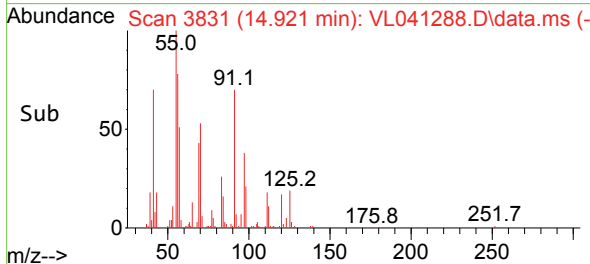
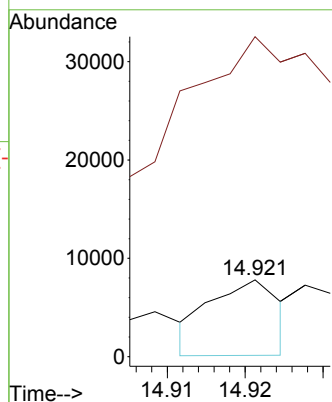
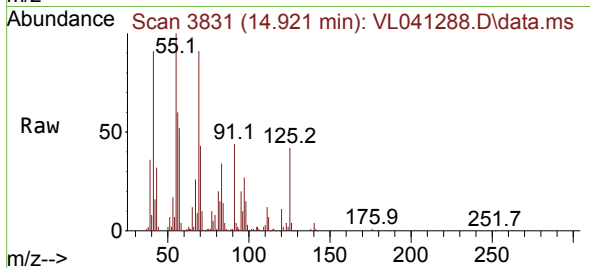
ClientSampleId :

Tgt Ion:120 Resp: 4785

Ion Ratio Lower Upper

120 100

91 2021.4 384.8 577.2#



#65

tert-Butylbenzene

Concen: 0.053 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.019 min

Lab File: VL041288.D

Acq: 24 May 2024 13:02

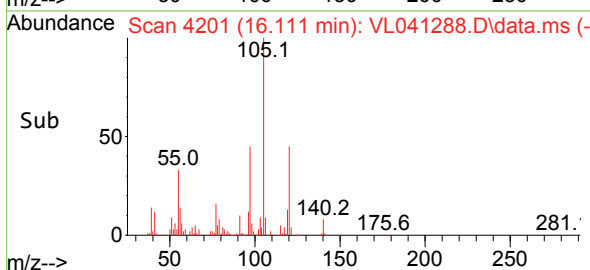
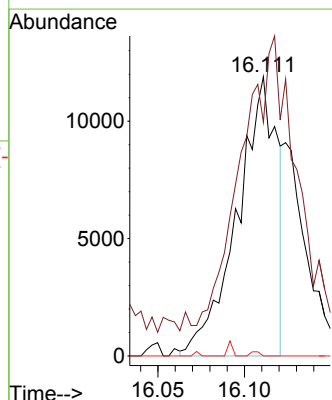
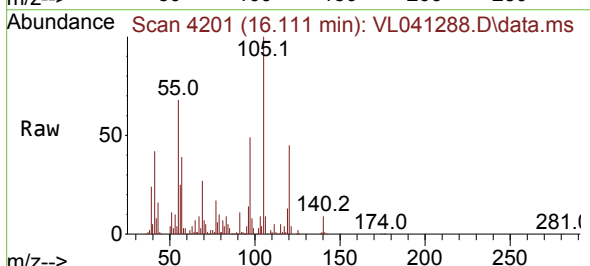
Tgt Ion:119 Resp: 18920

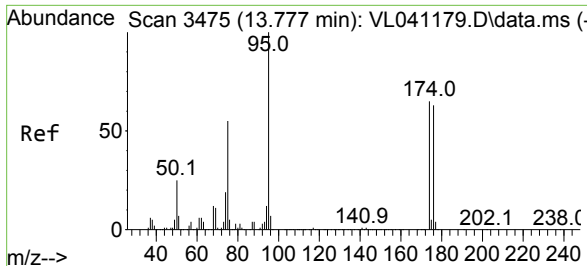
Ion Ratio Lower Upper

119 100

91 0.0 67.0 100.4#

134 1.0 15.2 22.8#

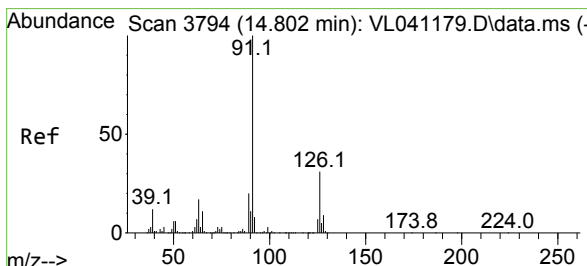
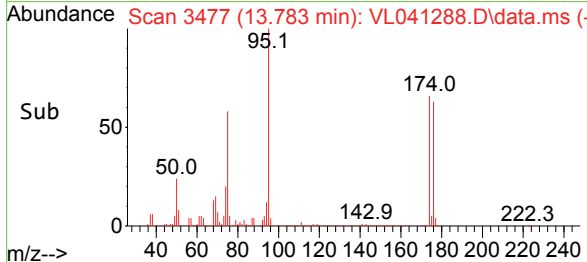
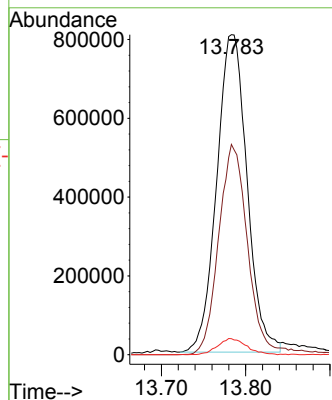
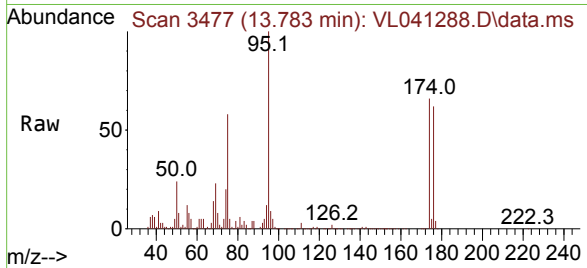




#68
1-Bromo-4-Fluorobenzene
Concen: 10.726 ppbv
RT: 13.783 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

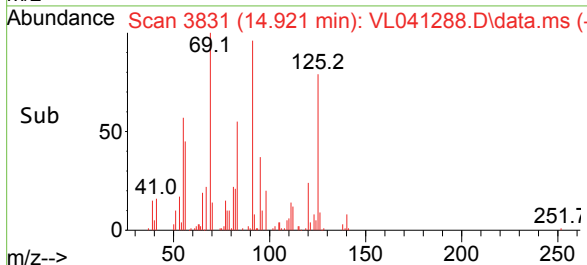
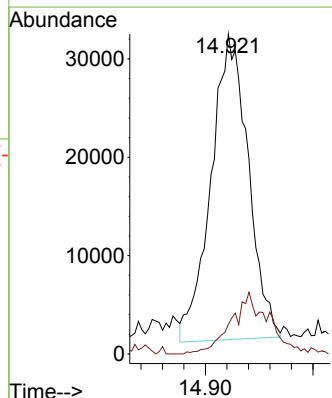
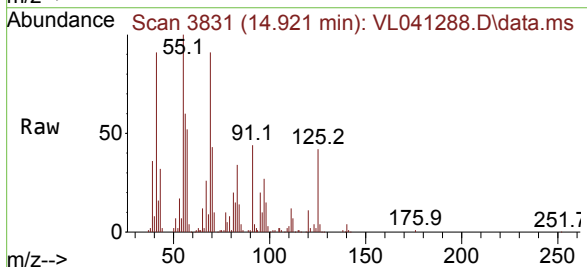
Instrument :
MSVOA_L
ClientSampleId :

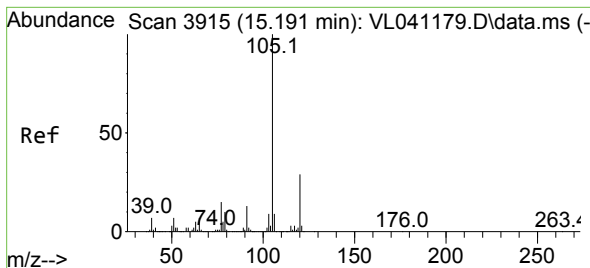
Tgt Ion: 95 Resp: 2015042
Ion Ratio Lower Upper
95 100
174 65.1 53.6 80.4
175 4.9 4.2 6.4



#71
2-Chlorotoluene
Concen: 0.244 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.116 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

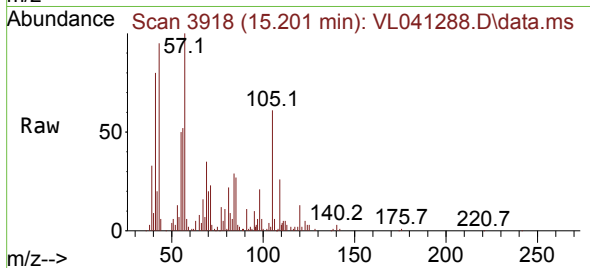
Tgt Ion: 91 Resp: 74583
Ion Ratio Lower Upper
91 100
126 20.7 12.2 48.8



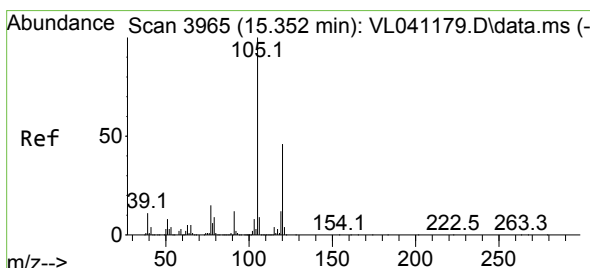
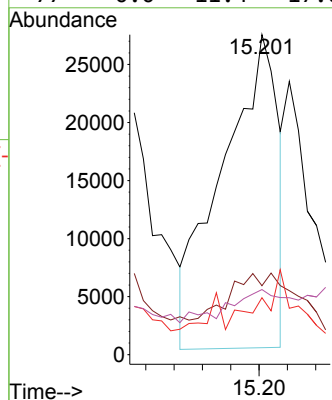
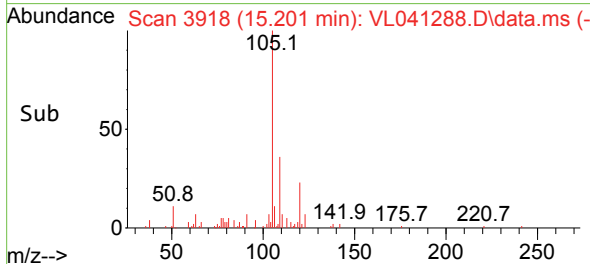


#72
4-Ethyltoluene
Concen: 0.121 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02

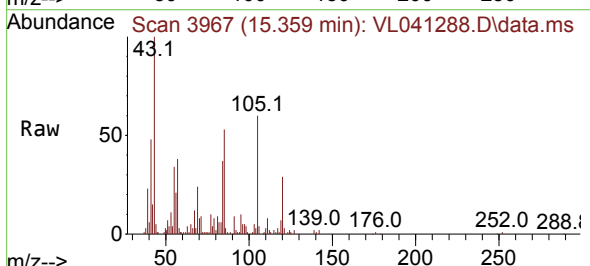
Instrument :
MSVOA_L
ClientSampleId :



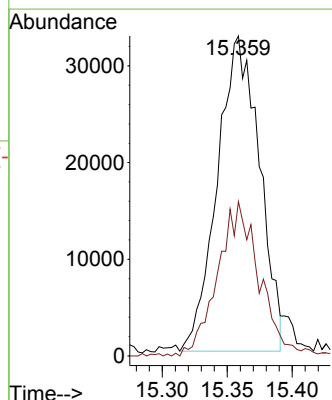
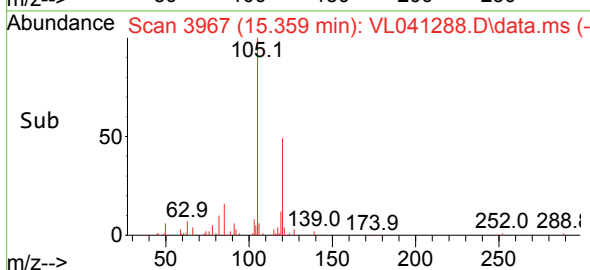
Tgt Ion:105 Resp: 36869
Ion Ratio Lower Upper
105 100
120 0.0 24.7 37.1#
91 0.0 10.3 15.5#
77 0.0 11.4 17.0#

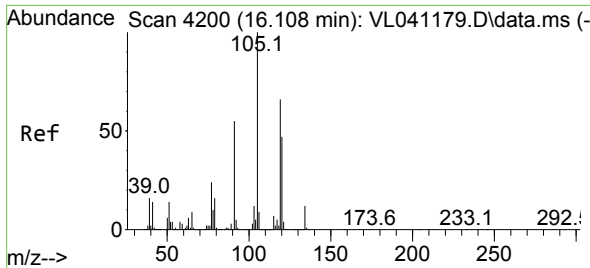


#73
1,3,5-Trimethylbenzene
Concen: 0.267 ppbv
RT: 15.359 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VL041288.D
Acq: 24 May 2024 13:02



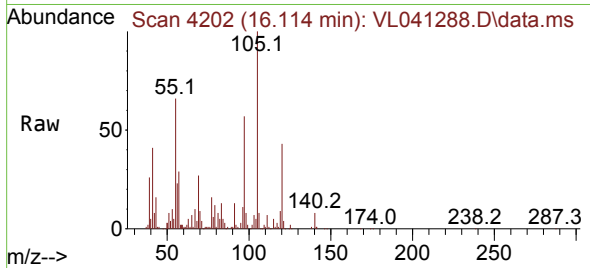
Tgt Ion:105 Resp: 73527
Ion Ratio Lower Upper
105 100
120 49.0 37.0 55.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.792 ppbv
 RT: 16.114 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041288.D
 Acq: 24 May 2024 13:02

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	105	Resp:	238296
Ion	Ratio	Lower	Upper
105	100		
120	43.0	37.8	56.6
91	11.1	44.3	66.5#
77	14.4	19.0	28.4#

