

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040564.D
 Acq On : 27 Jul 2023 6:49
 Operator : SY/MD
 Sample : 03696-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 07:45:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1101483	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2841964	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2597440	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2030062	9.875	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	63833	0.290	ppbv	98
3) Chlorodifluoromethane	2.658	51	142809	0.818	ppbv	93
4) Chloromethane	2.800	50	36580	0.529	ppbv	99
9) Propene	2.681	41	1400543	23.432	ppbv	90
10) Heptane	7.574	43	226815	1.719	ppbv	98
11) Trichlorofluoromethane	3.552	101	44336	0.249	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	8633	0.069	ppbv	83
13) Ethanol	3.221	45	1174217	90.294	ppbv	95
15) Acetone	3.452	43	3634810	28.668	ppbv	99
16) 1,3-Butadiene	2.996	39	294674	4.607	ppbv #	52
17) tert-Butyl alcohol	3.874	59	72630	0.554	ppbv #	92
19) Isopropyl Alcohol	3.610	45	19460	0.267	ppbv #	96
20) Methylene Chloride	3.922	84	521163	9.663	ppbv	97
21) Allyl Chloride	3.970	41	7953	0.110	ppbv #	1
23) Vinyl Acetate	4.600	43	159194	1.318	ppbv #	1
25) Ethyl Acetate	5.198	43	624497	2.587	ppbv #	89
26) Hexane	5.201	57	648780	5.786	ppbv #	52
27) Carbon Disulfide	4.112	76	105437	0.799	ppbv	96
29) Chloroform	5.266	83	1794332	9.647	ppbv	100
30) Cyclohexane	6.594	84	57727	0.619	ppbv	92
34) 2-Butanone	4.774	43	503387	3.585	ppbv	99
36) Benzene	6.362	78	388807	1.700	ppbv	97
39) 1,2-Dichloropropane	6.645	63	696511	7.912	ppbv #	25
41) Tetrahydrofuran	5.562	42	10890	0.133	ppbv #	79
42) Bromodichloromethane	7.230	83	7813	0.042	ppbv #	76
44) 2,2,4-Trimethylpentane	7.320	57	161164	0.438	ppbv #	65
50) 4-Methyl-2-Pentanone	8.172	43	18415	0.090	ppbv #	37
51) 2-Hexanone	9.526	43	7558	0.052	ppbv #	28
53) Toluene	9.214	91	1417921	5.708	ppbv	99
58) Ethyl Benzene	12.082	91	407662	1.251	ppbv	94
59) m/p-Xylene	12.339	91	1253257	4.308	ppbv	97
60) o-Xylene	13.053	91	470570	1.698	ppbv	99
61) Styrene	12.896	104	24704	0.193	ppbv #	64
64) n-propylbenzene	14.912	120	19022	0.177	ppbv #	16
65) tert-Butylbenzene	16.098	119	38450	0.105	ppbv #	18
66) Benzyl Chloride	16.349	91	1723	0.066	ppbv #	63
69) p-Isopropyltoluene	16.989	119	256908	0.575	ppbv	97
71) 2-Chlorotoluene	14.912	91	133171	0.416	ppbv #	45
72) 4-Ethyltoluene	15.191	105	149663	0.461	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.343	105	107305	0.375	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.101	105	511834	1.533	ppbv #	62
79) Naphthalene	21.368	128	15217	0.054	ppbv #	93

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration

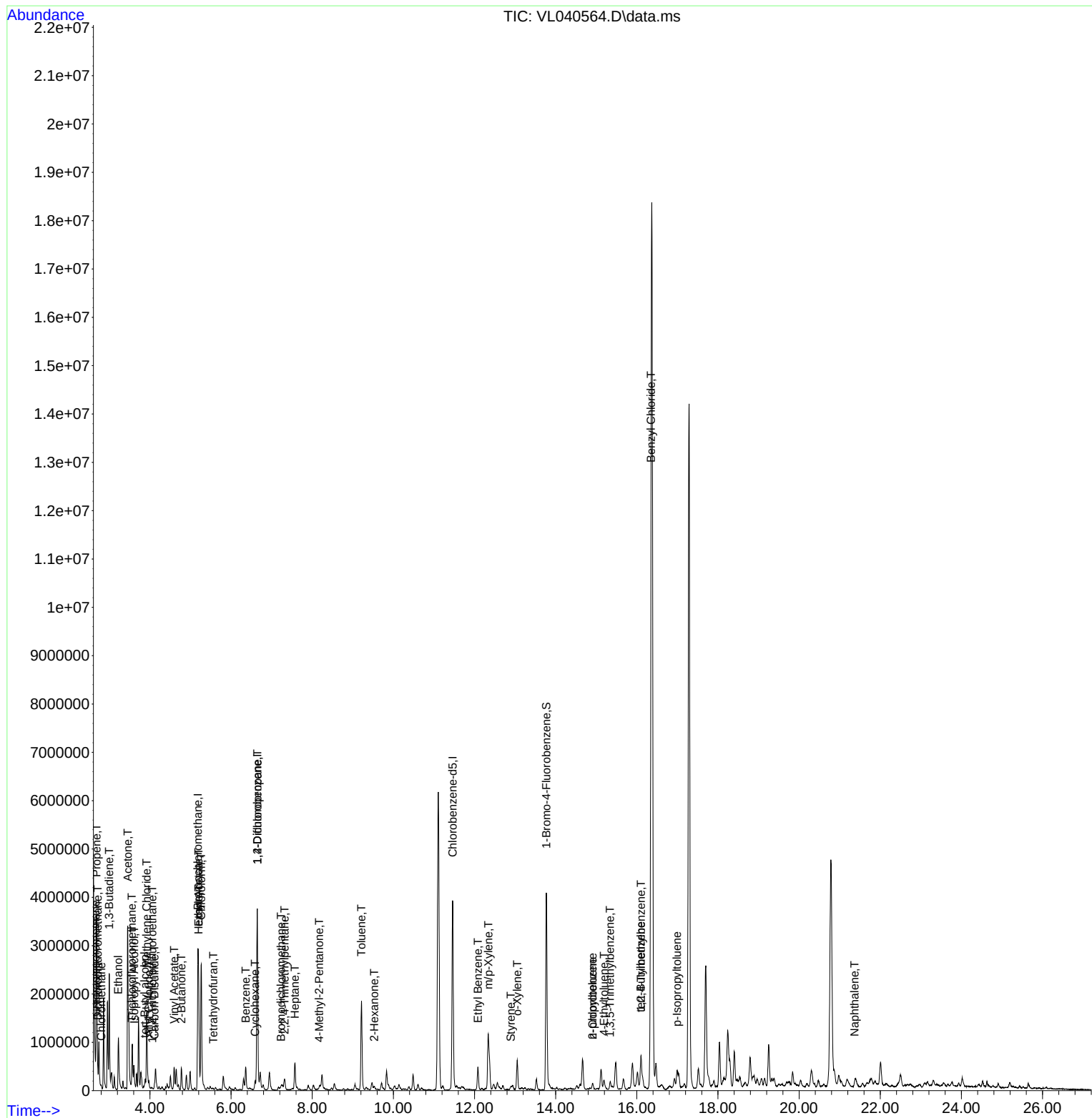
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

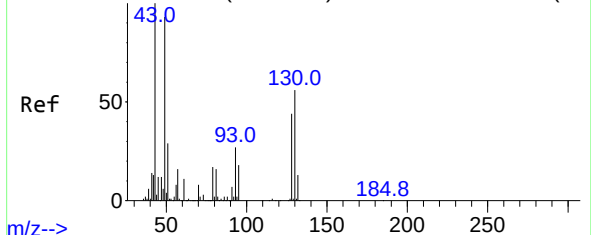
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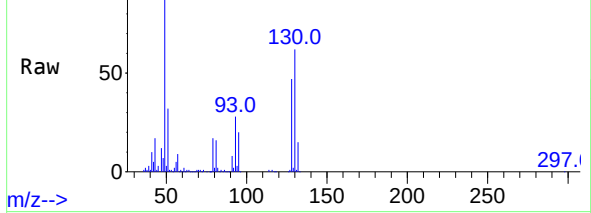


Abundance Scan 804 (5.189 min): VL040455.D\data.ms (-78)



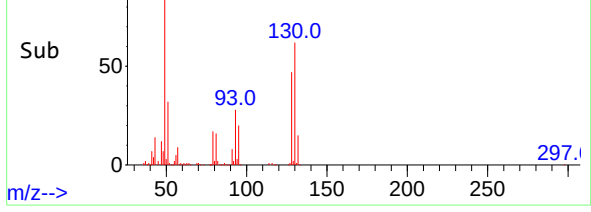
m/z-->

Abundance Scan 802 (5.182 min): VL040564.D\data.ms



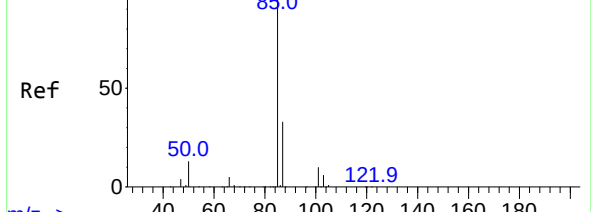
m/z-->

Abundance Scan 802 (5.182 min): VL040564.D\data.ms (-65)



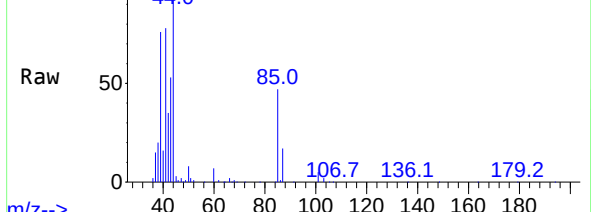
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Abundance Scan 35 (2.716 min): VL040455.D\data.ms (-25)



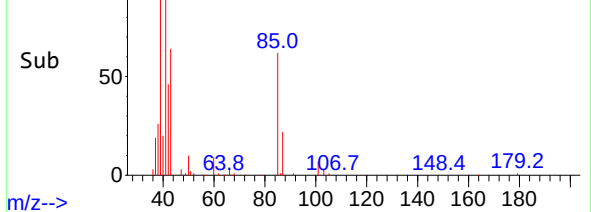
m/z-->

Abundance Scan 34 (2.713 min): VL040564.D\data.ms



m/z-->

Abundance Scan 34 (2.713 min): VL040564.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.182 min Scan# 80

Delta R.T. -0.020 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

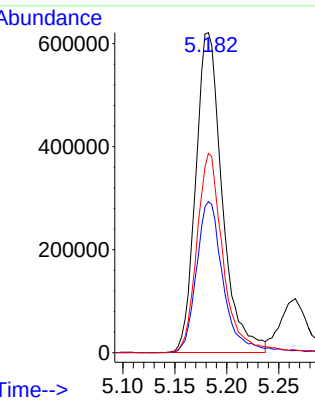
Tgt Ion: 49 Resp: 1101483

Ion Ratio Lower Upper

49 100

128 48.8 25.1 75.4

130 62.8 31.6 94.7



#2

Dichlorodifluoromethane

Concen: 0.290 ppbv

RT: 2.713 min Scan# 34

Delta R.T. -0.026 min

Lab File: VL040564.D

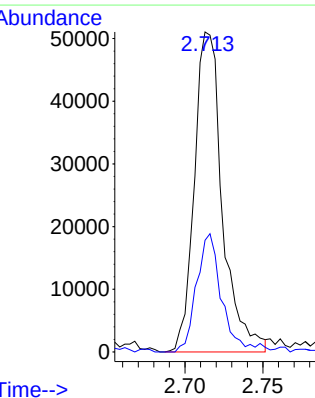
Acq: 27 Jul 2023 6:49

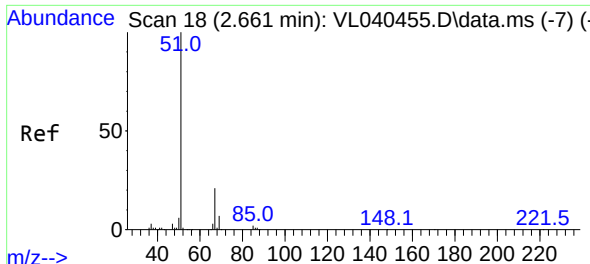
Tgt Ion: 85 Resp: 63833

Ion Ratio Lower Upper

85 100

87 34.9 26.8 40.2

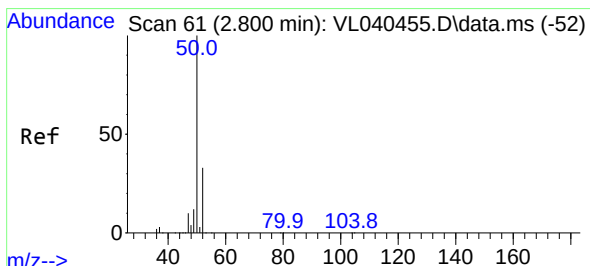
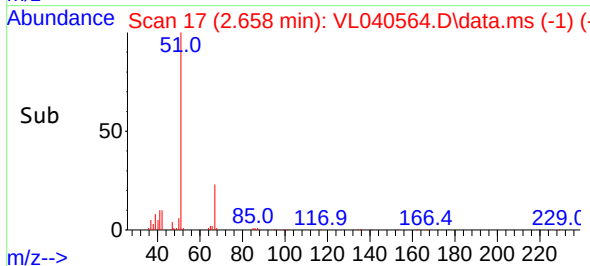
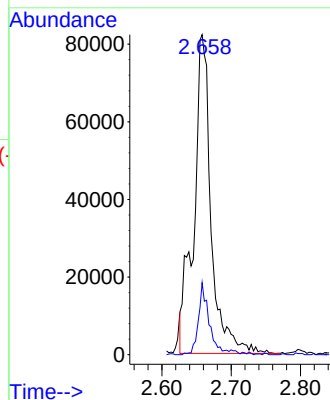
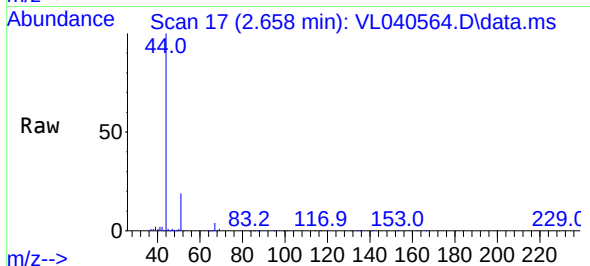




#3
Chlorodifluoromethane
Concen: 0.818 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

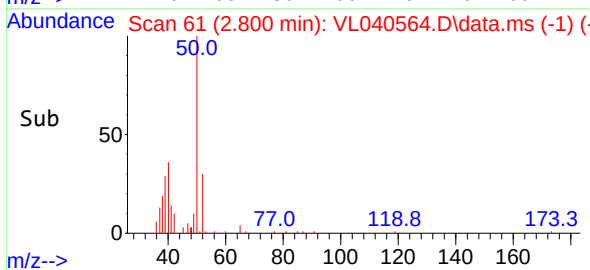
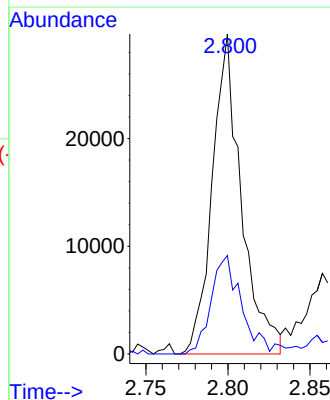
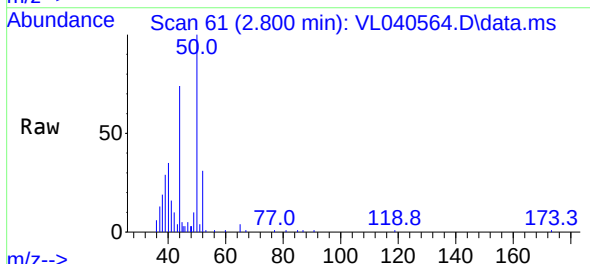
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 142809
Ion Ratio Lower Upper
51 100
67 14.9 14.6 21.8

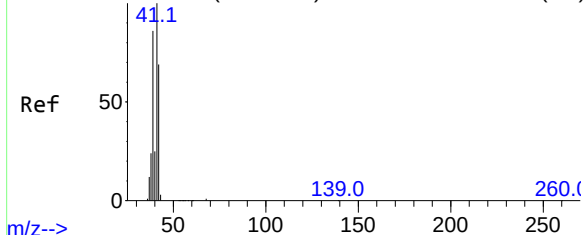


#4
Chloromethane
Concen: 0.529 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 50 Resp: 36580
Ion Ratio Lower Upper
50 100
52 31.1 24.4 36.6



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



#9

Propene

Concen: 23.432 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.023 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Instrument :

MSVOA_L

ClientSampleId :

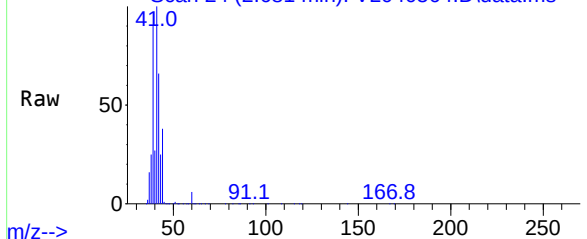
Tgt Ion: 41 Resp: 1400543

Ion Ratio Lower Upper

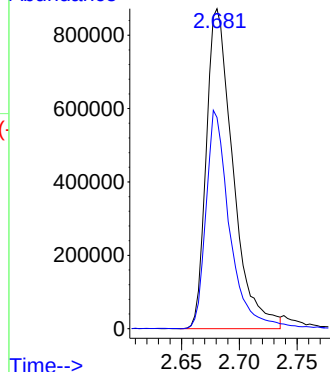
41 100

42 60.9 55.0 82.6

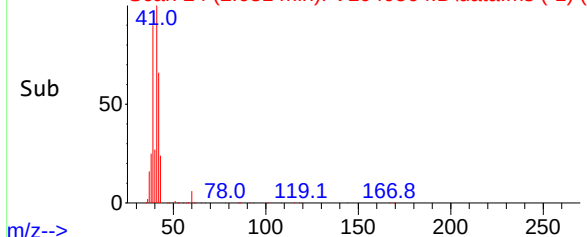
Abundance Scan 24 (2.681 min): VL040564.D\data.ms



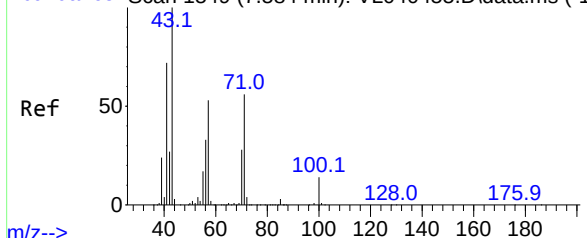
Abundance



Abundance Scan 24 (2.681 min): VL040564.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 1.719 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. -0.016 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

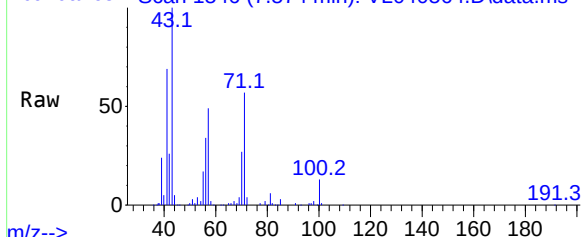
Tgt Ion: 43 Resp: 226815

Ion Ratio Lower Upper

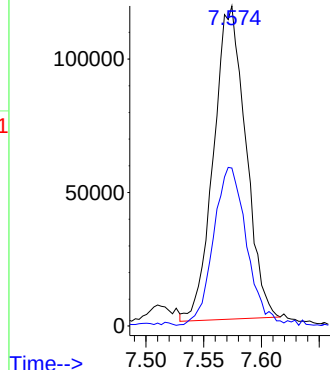
43 100

57 54.5 42.5 63.7

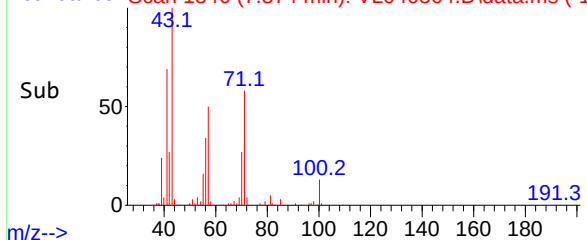
Abundance Scan 1546 (7.574 min): VL040564.D\data.ms

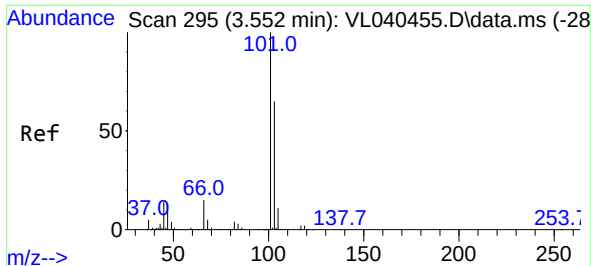


Abundance



Abundance Scan 1546 (7.574 min): VL040564.D\data.ms (-1)

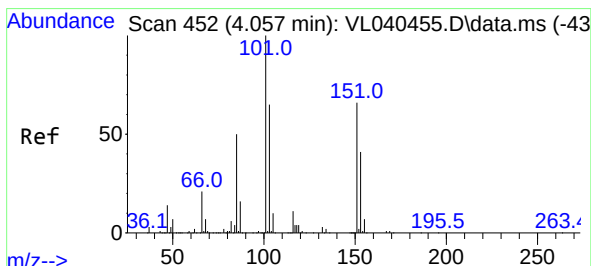
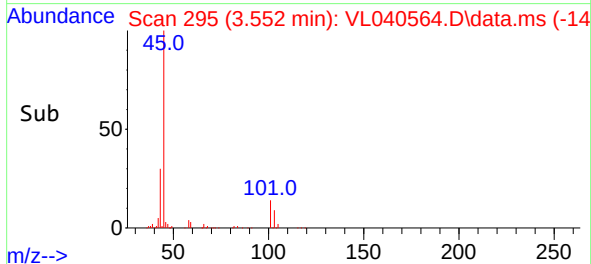
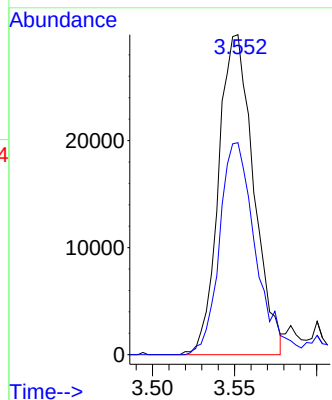
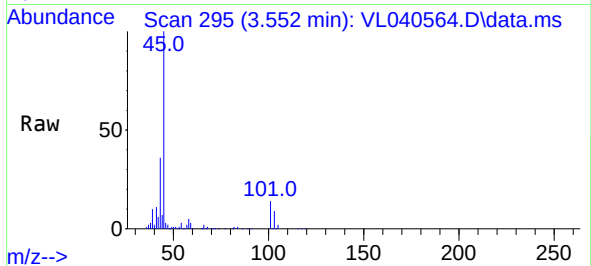




#11
 Trichlorofluoromethane
 Concen: 0.249 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.019 min
 Lab File: VL040564.D
 Acq: 27 Jul 2023 6:49

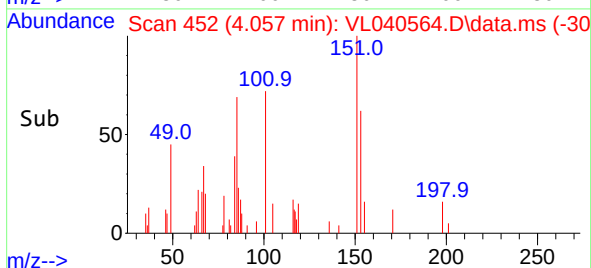
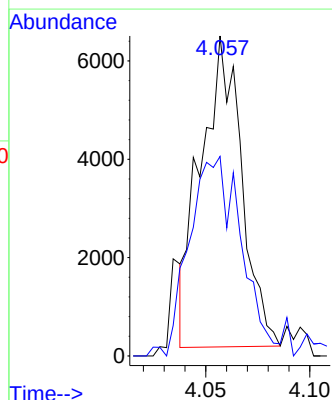
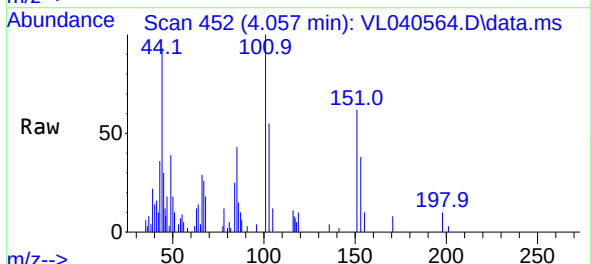
Instrument :
 MSVOA_L
 ClientSampleId :

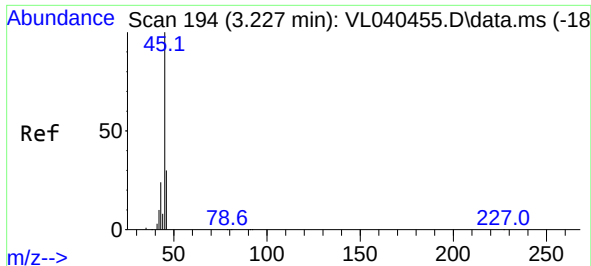
Tgt Ion:101 Resp: 44336
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.069 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.016 min
 Lab File: VL040564.D
 Acq: 27 Jul 2023 6:49

Tgt Ion:101 Resp: 8633
 Ion Ratio Lower Upper
 101 100
 151 86.9 58.2 87.4

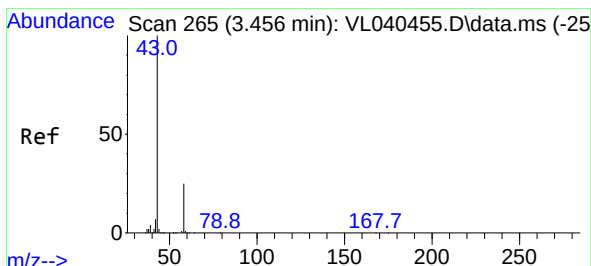
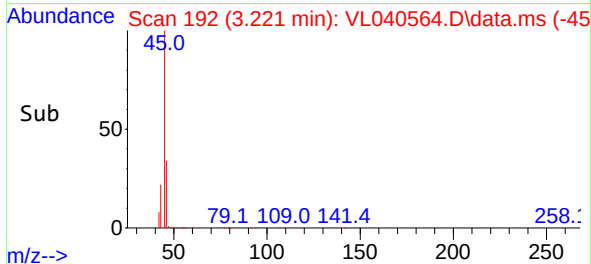
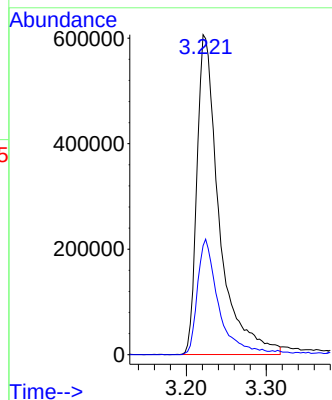
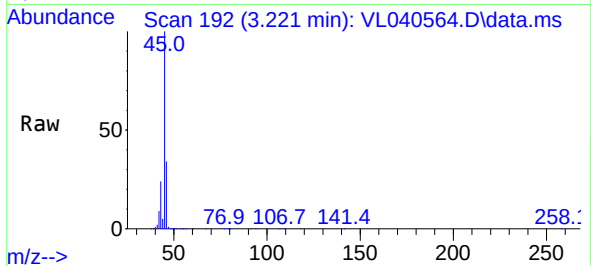




#13
Ethanol
Concen: 90.294 ppbv
RT: 3.221 min Scan# 19
Delta R.T. -0.026 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

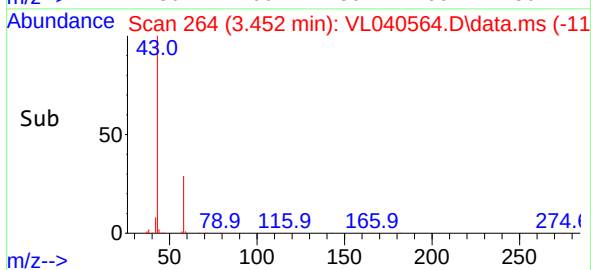
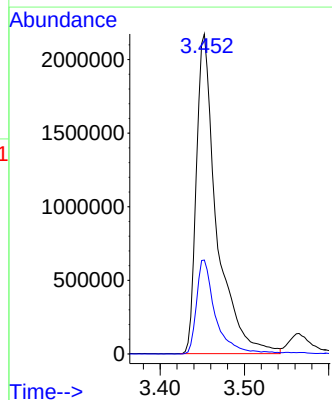
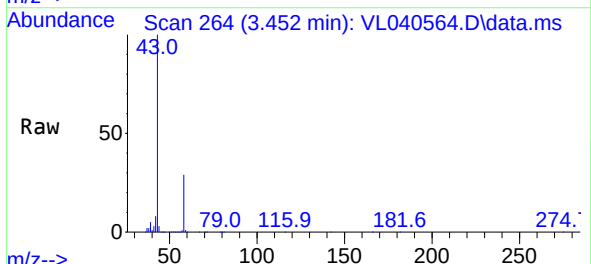
Instrument :
MSVOA_L
ClientSampleId :

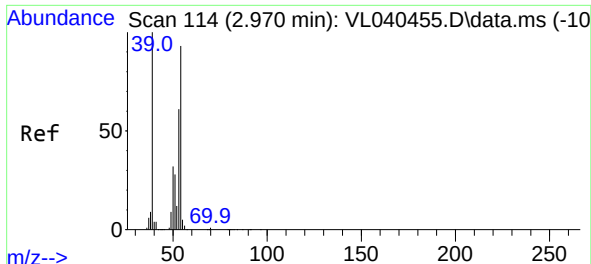
Tgt Ion: 45 Resp: 1174217
Ion Ratio Lower Upper
45 100
46 35.4 15.3 61.1



#15
Acetone
Concen: 28.668 ppbv
RT: 3.452 min Scan# 264
Delta R.T. -0.023 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 43 Resp: 3634810
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3





#16

1,3-Butadiene

Concen: 4.607 ppbv

RT: 2.996 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Instrument :

MSVOA_L

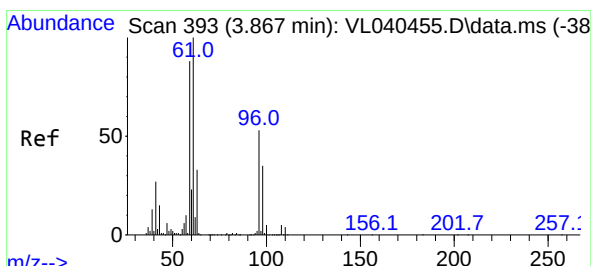
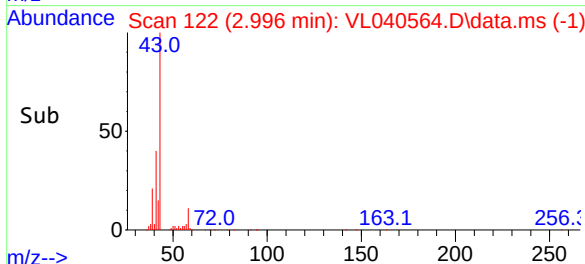
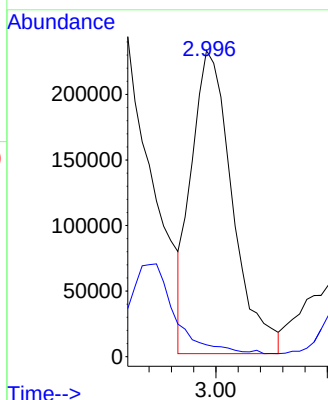
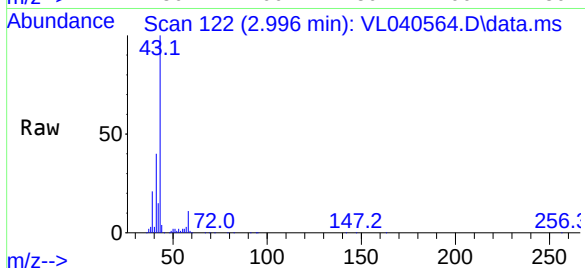
ClientSampleId :

Tgt Ion: 39 Resp: 294674

Ion Ratio Lower Upper

39 100

54 39.9 66.6 100.0#



#17

tert-Butyl alcohol

Concen: 0.554 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.010 min

Lab File: VL040564.D

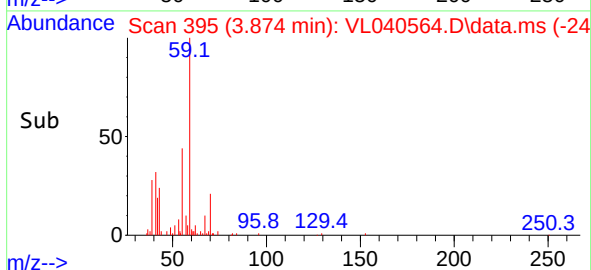
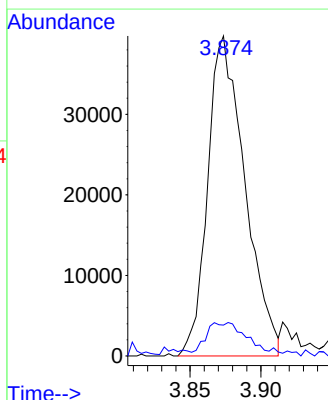
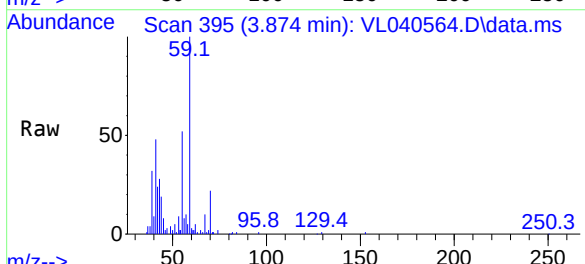
Acq: 27 Jul 2023 6:49

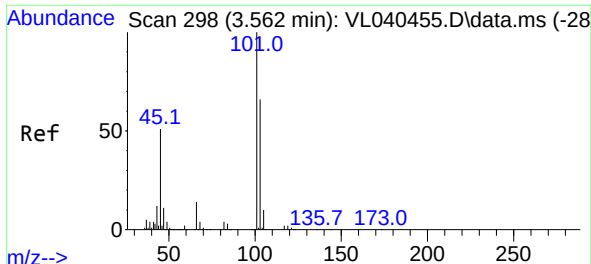
Tgt Ion: 59 Resp: 72630

Ion Ratio Lower Upper

59 100

57 13.9 8.7 13.1#

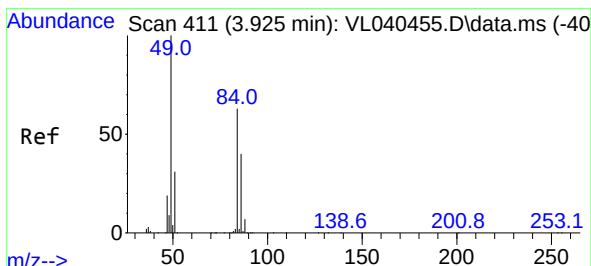
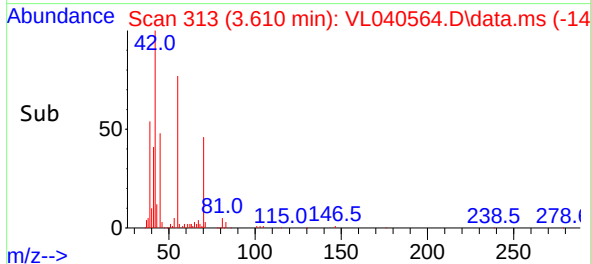
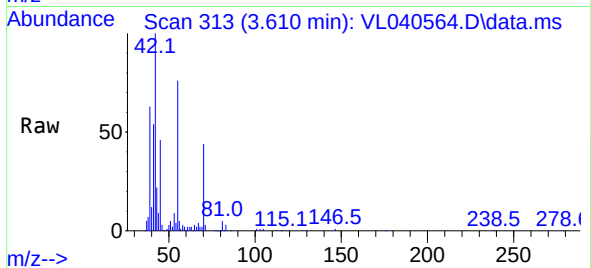




#19
Isopropyl Alcohol
Concen: 0.267 ppbv
RT: 3.610 min Scan# 313
Delta R.T. 0.029 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

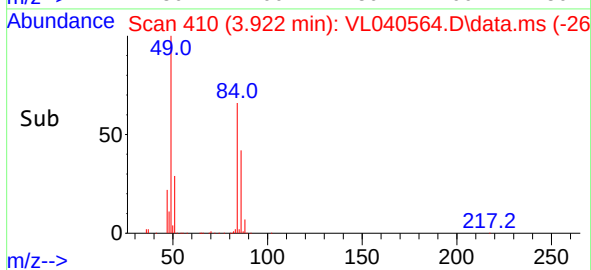
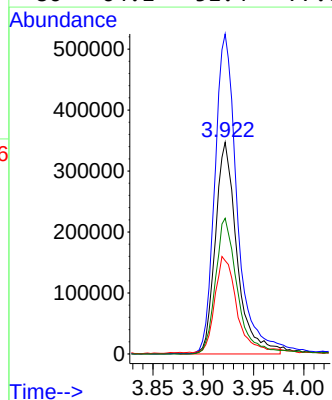
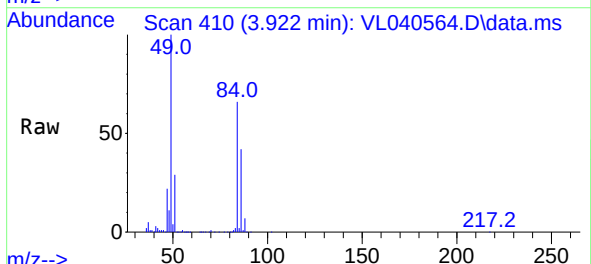
Instrument :
MSVOA_L
ClientSampleId :

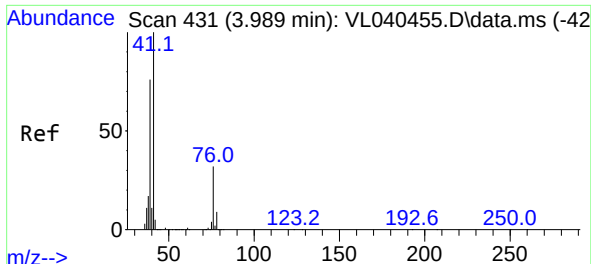
Tgt Ion: 45 Resp: 19460
Ion Ratio Lower Upper
45 100
58 0.0 1.1 1.7#



#20
Methylene Chloride
Concen: 9.663 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 84 Resp: 521163
Ion Ratio Lower Upper
84 100
49 151.0 123.4 185.2
51 43.3 38.3 57.5
86 64.1 51.4 77.0





#21

Allyl Chloride

Concen: 0.110 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.035 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Instrument :

MSVOA_L

ClientSampleId :

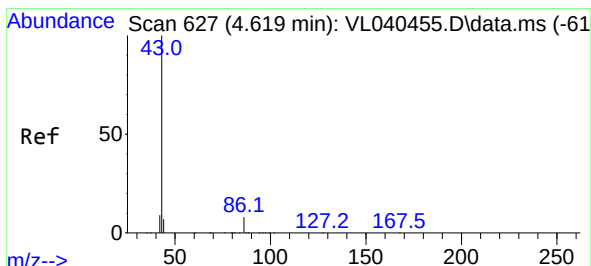
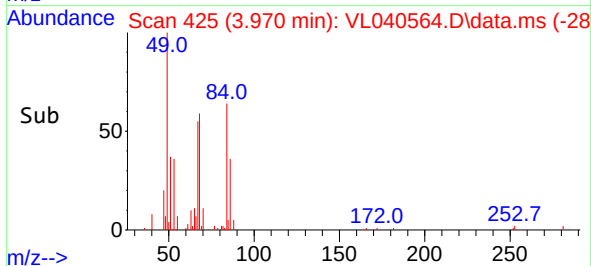
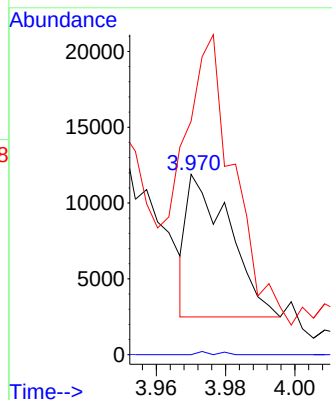
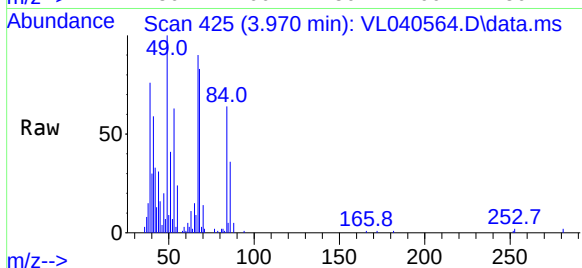
Tgt Ion: 41 Resp: 7953

Ion Ratio Lower Upper

41 100

76 0.0 24.8 37.2#

39 205.3 60.6 91.0#



#23

Vinyl Acetate

Concen: 1.318 ppbv

RT: 4.600 min Scan# 621

Delta R.T. -0.035 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Tgt Ion: 43 Resp: 159194

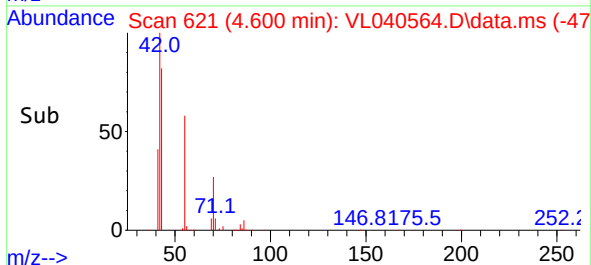
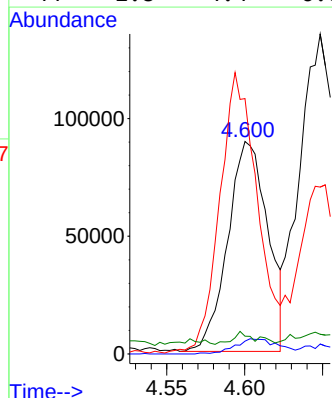
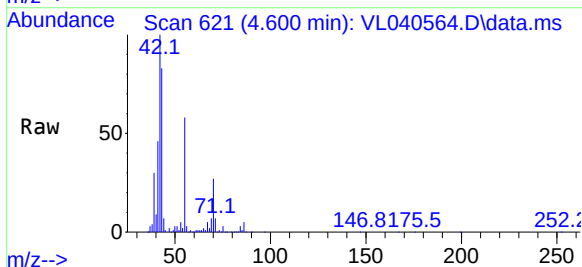
Ion Ratio Lower Upper

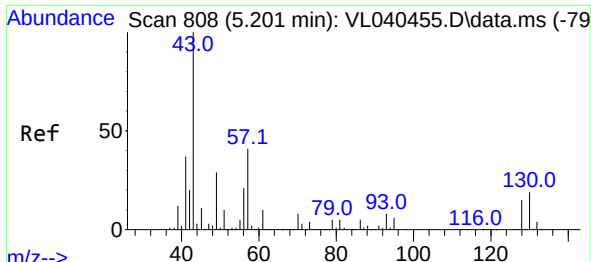
43 100

86 6.1 5.6 8.4

42 119.5 7.4 11.2#

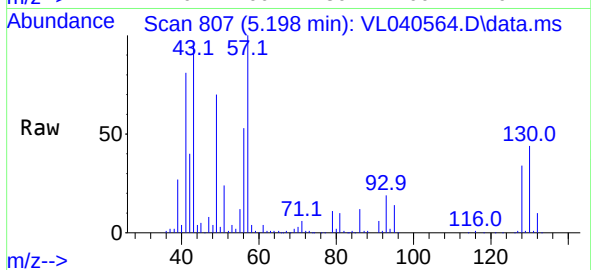
44 2.8 4.4 6.6#



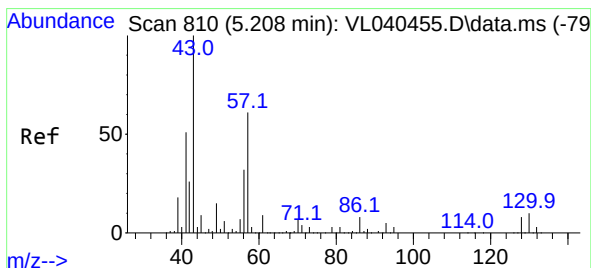
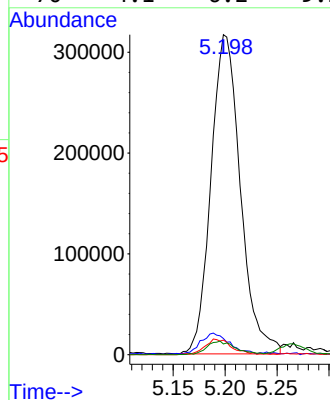
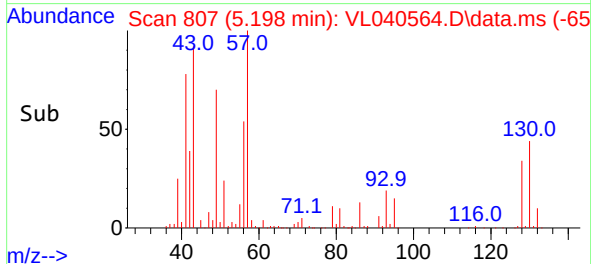


#25
Ethyl Acetate
Concen: 2.587 ppbv
RT: 5.198 min Scan# 808
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

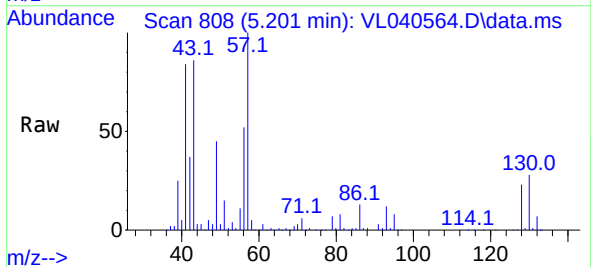
Instrument :
MSVOA_L
ClientSampleId :



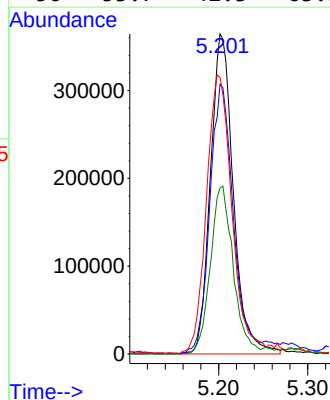
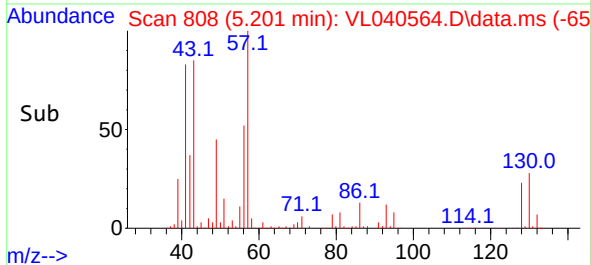
Tgt Ion: 43 Resp: 624497
Ion Ratio Lower Upper
43 100
45 7.4 8.2 12.4#
61 4.5 8.3 12.5#
70 4.1 6.2 9.2#

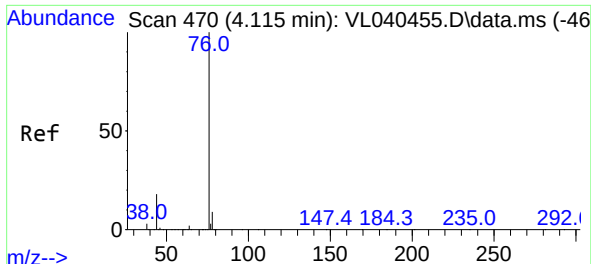


#26
Hexane
Concen: 5.786 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49



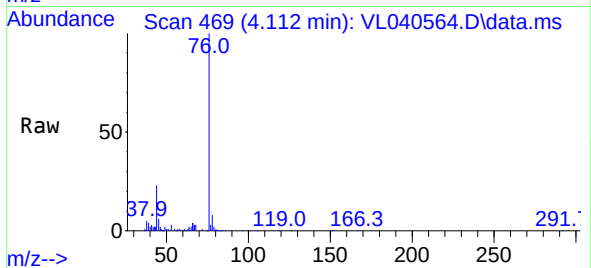
Tgt Ion: 57 Resp: 648780
Ion Ratio Lower Upper
57 100
41 91.5 69.5 104.3
43 98.6 177.1 265.7#
56 53.7 42.3 63.5



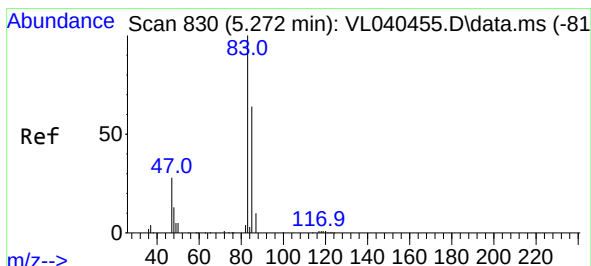
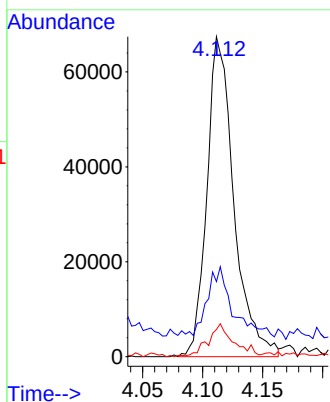
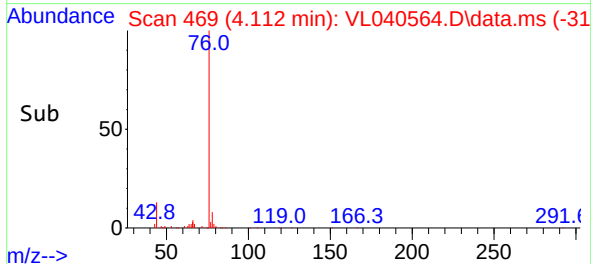


#27
Carbon Disulfide
Concen: 0.799 ppbv
RT: 4.112 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :

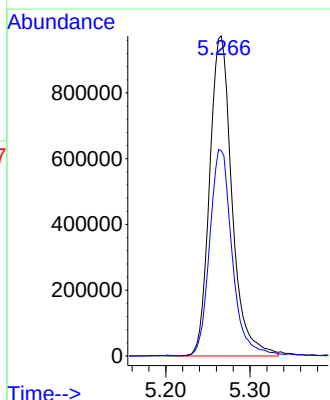
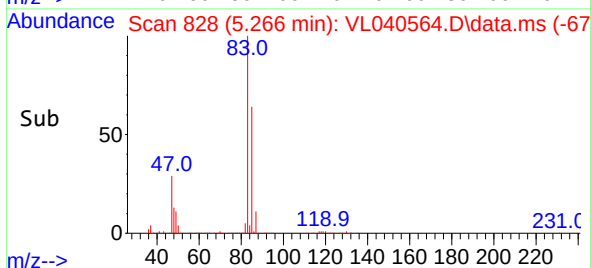
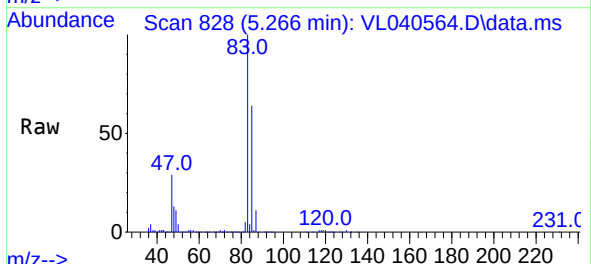


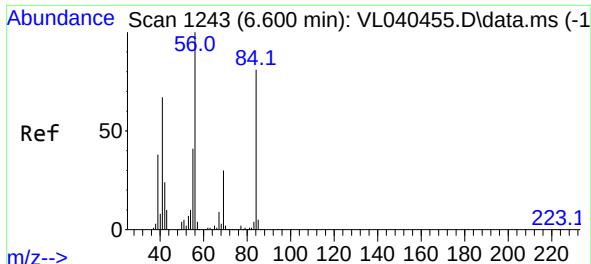
Tgt Ion: 76 Resp: 105437
Ion Ratio Lower Upper
76 100
44 20.8 15.1 22.7
78 10.5 7.5 11.3



#29
Chloroform
Concen: 9.647 ppbv
RT: 5.266 min Scan# 828
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

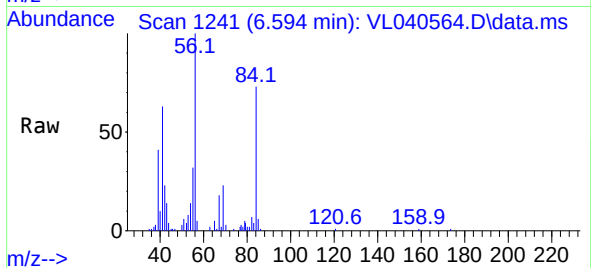
Tgt Ion: 83 Resp: 1794332
Ion Ratio Lower Upper
83 100
85 64.0 51.1 76.7





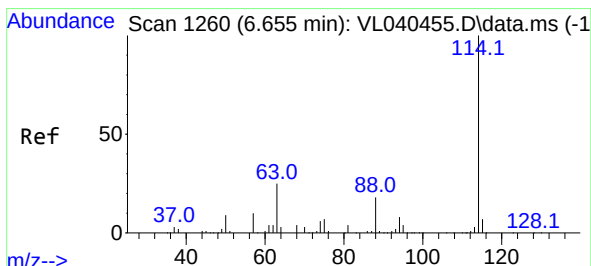
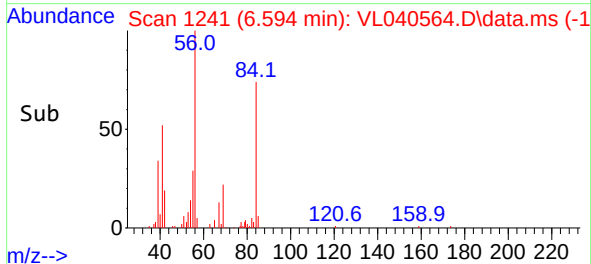
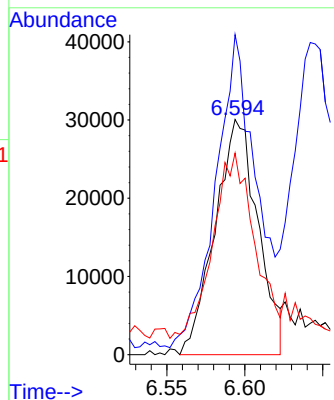
#30
Cyclohexane
Concen: 0.619 ppbv
RT: 6.594 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 57727

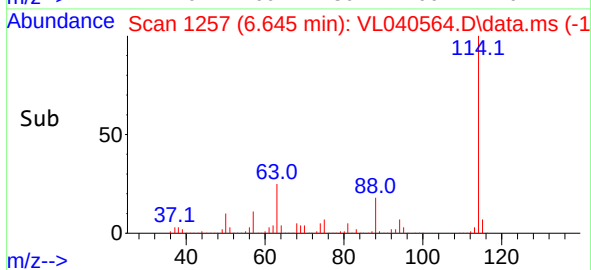
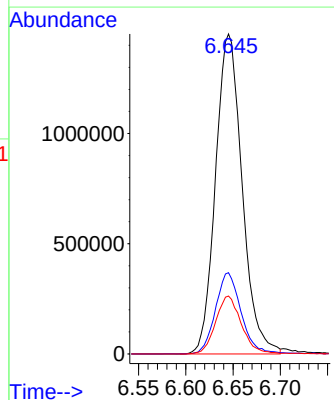
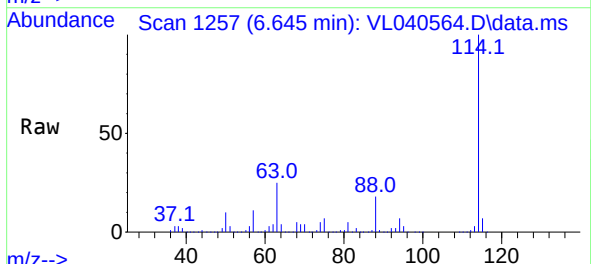
Ion	Ratio	Lower	Upper
84	100		
56	126.3	108.7	163.1
41	86.9	64.5	96.7

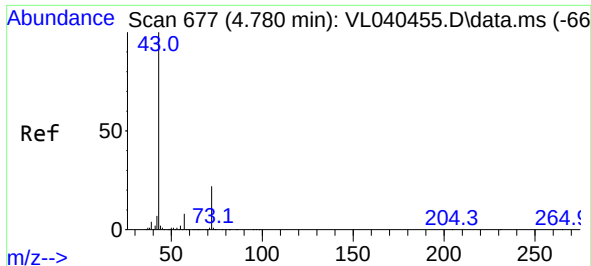


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 114 Resp: 2841964

Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.6	29.4
88	17.7	14.2	21.2

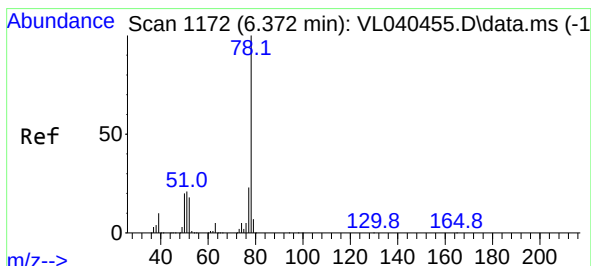
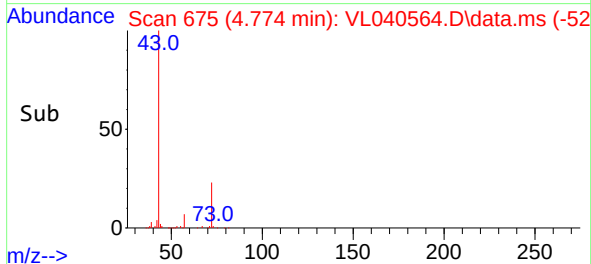
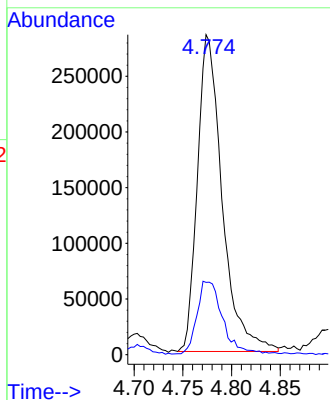
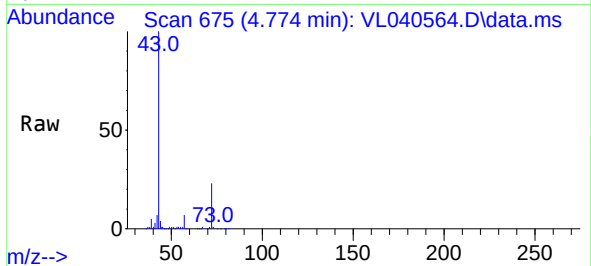




#34
2-Butanone
Concen: 3.585 ppbv
RT: 4.774 min Scan# 61
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

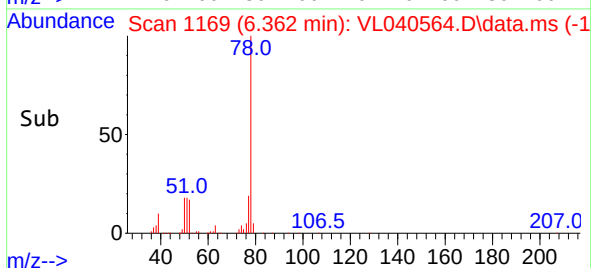
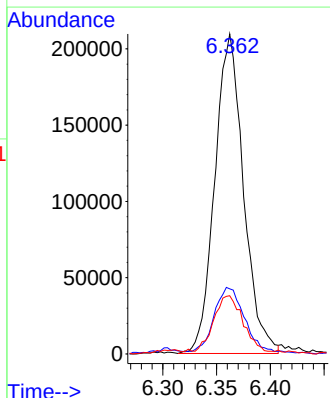
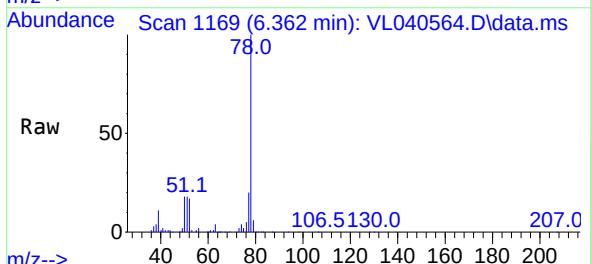
Instrument :
MSVOA_L
ClientSampleId :

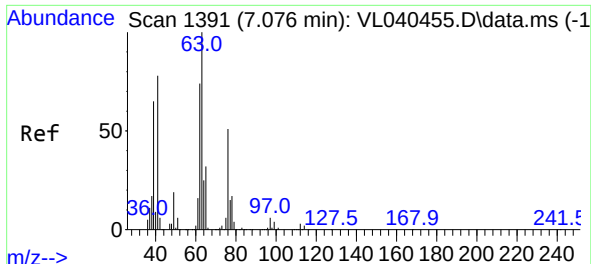
Tgt Ion: 43 Resp: 503387
Ion Ratio Lower Upper
43 100
72 23.5 19.1 28.7



#36
Benzene
Concen: 1.700 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 78 Resp: 388807
Ion Ratio Lower Upper
78 100
77 19.5 17.4 26.0
50 17.1 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.912 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.437 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

Instrument :

MSVOA_L

ClientSampleId :

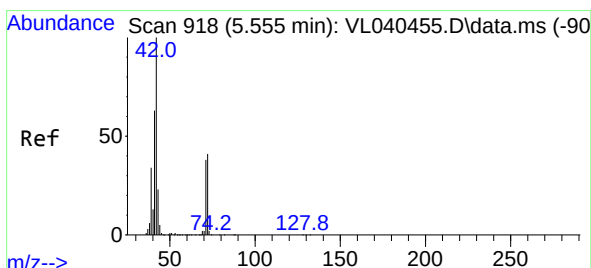
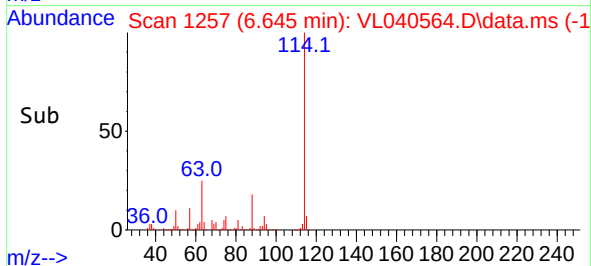
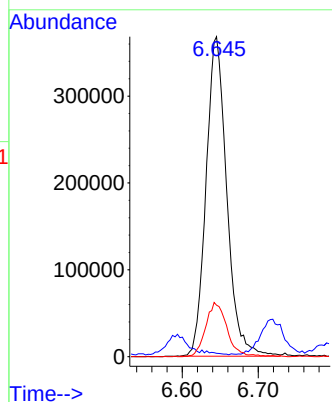
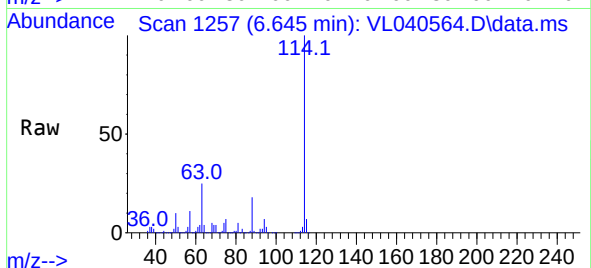
Tgt Ion: 63 Resp: 696511

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 16.1 55.6 83.4#



#41

Tetrahydrofuran

Concen: 0.133 ppbv

RT: 5.562 min Scan# 920

Delta R.T. -0.003 min

Lab File: VL040564.D

Acq: 27 Jul 2023 6:49

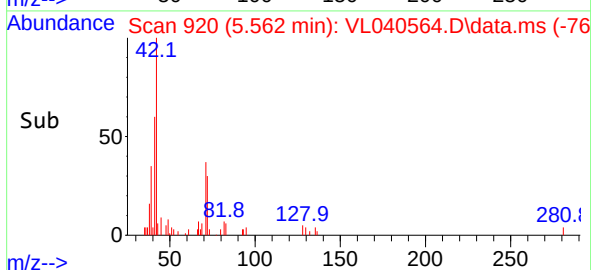
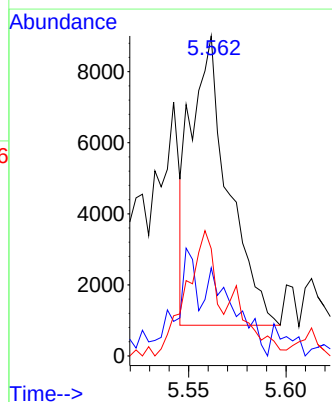
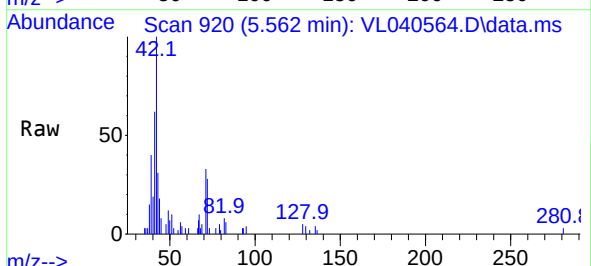
Tgt Ion: 42 Resp: 10890

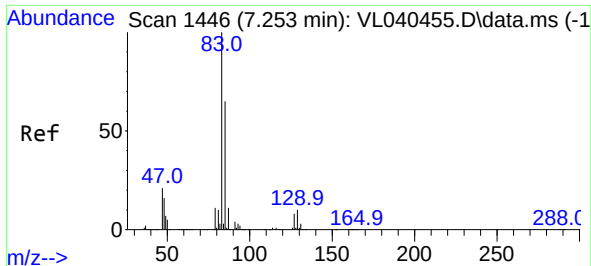
Ion Ratio Lower Upper

42 100

72 57.1 33.8 50.8#

71 53.4 33.0 49.6#

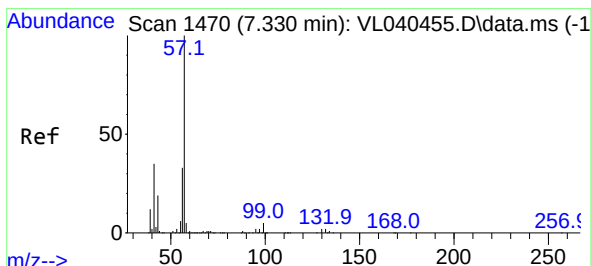
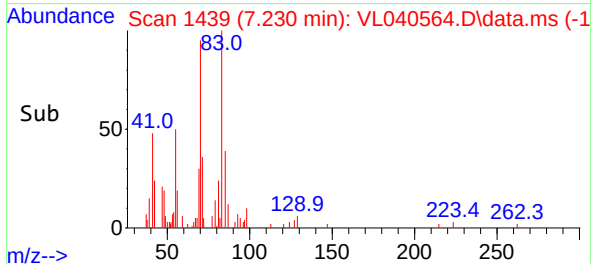
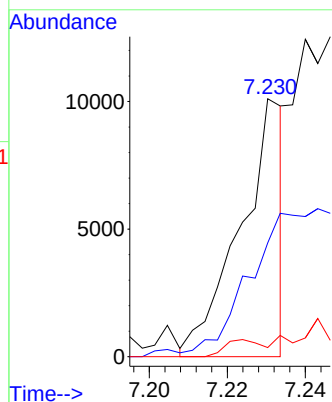
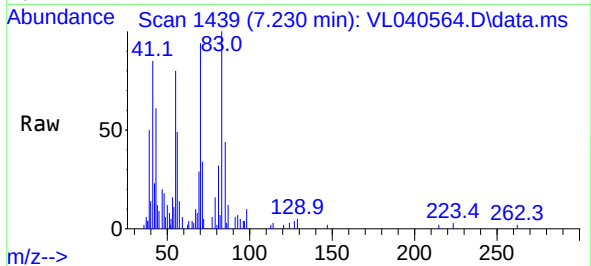




#42
Bromodichloromethane
Concen: 0.042 ppbv
RT: 7.230 min Scan# 1446
Delta R.T. -0.029 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

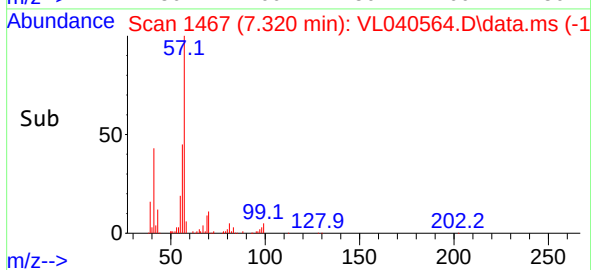
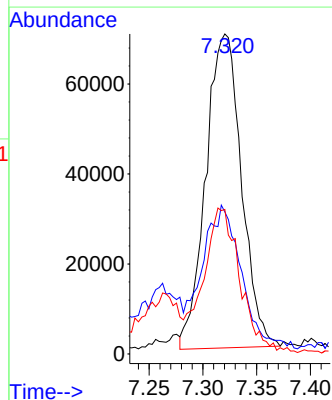
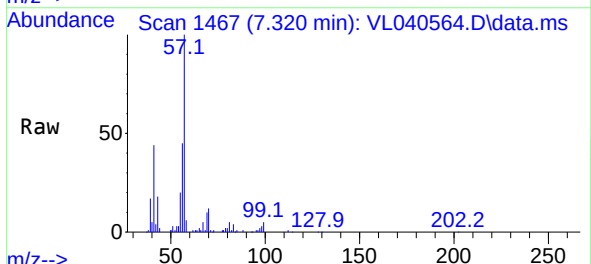
Instrument :
MSVOA_L
ClientSampleId :

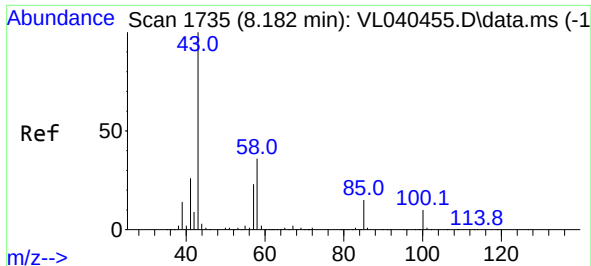
Tgt Ion: 83 Resp: 7813
Ion Ratio Lower Upper
83 100
85 44.0 51.1 76.7#
127 3.7 6.5 9.7#



#44
2,2,4-Trimethylpentane
Concen: 0.438 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 57 Resp: 161164
Ion Ratio Lower Upper
57 100
41 52.4 25.5 38.3#
56 49.5 25.1 37.7#

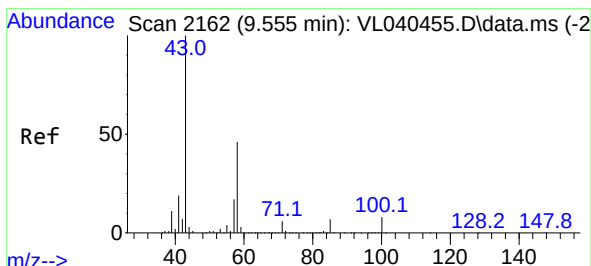
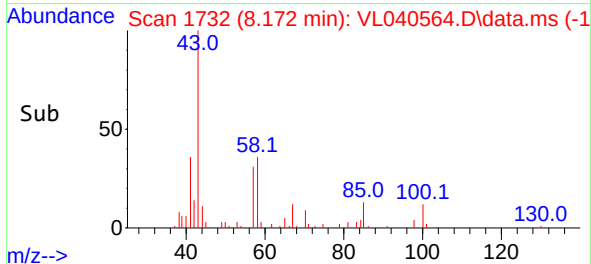
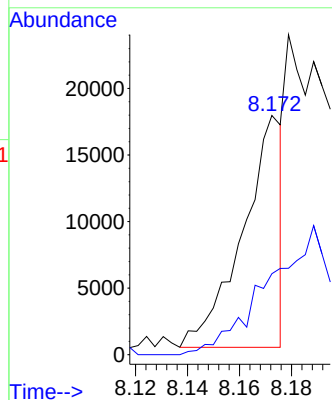
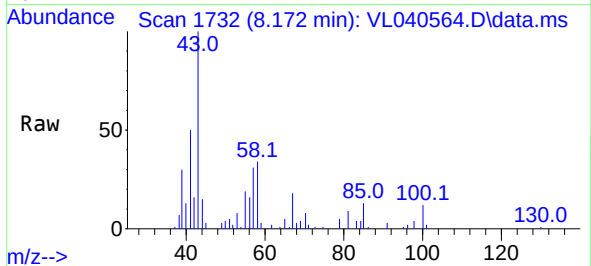




#50
4-Methyl-2-Pentanone
Concen: 0.090 ppbv
RT: 8.172 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

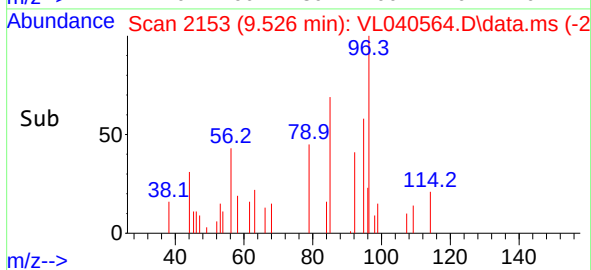
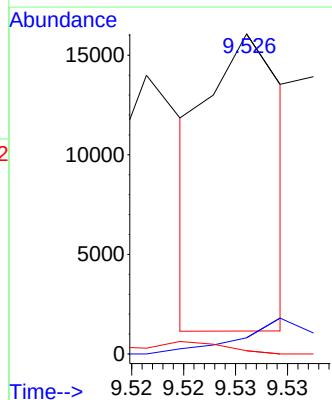
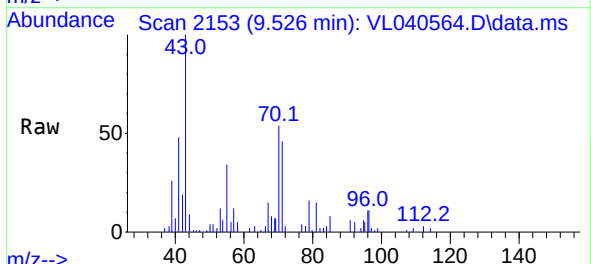
Instrument :
MSVOA_L
ClientSampleId :

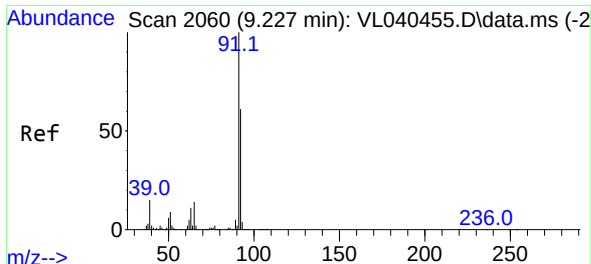
Tgt Ion: 43 Resp: 18415
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#51
2-Hexanone
Concen: 0.052 ppbv
RT: 9.526 min Scan# 2153
Delta R.T. -0.035 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 43 Resp: 7558
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5#
98 0.0 0.3 0.5#

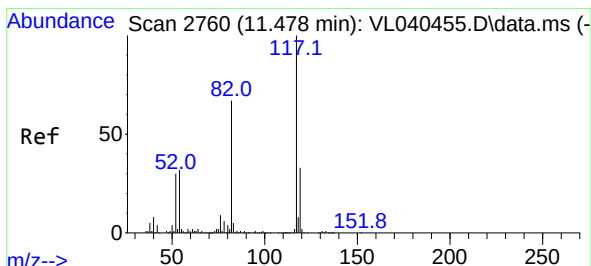
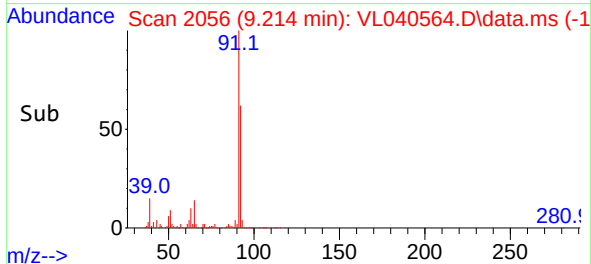
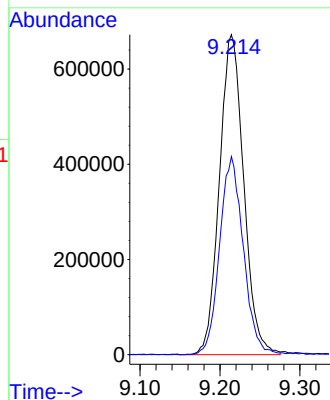
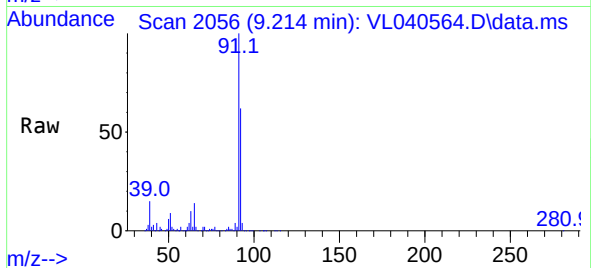




#53
Toluene
Concen: 5.708 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

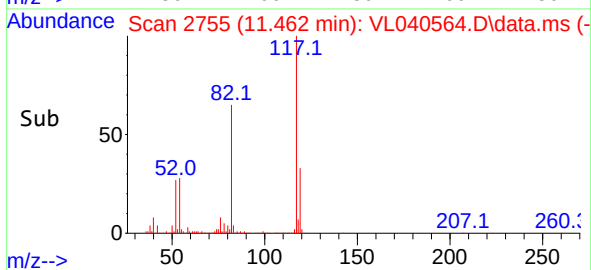
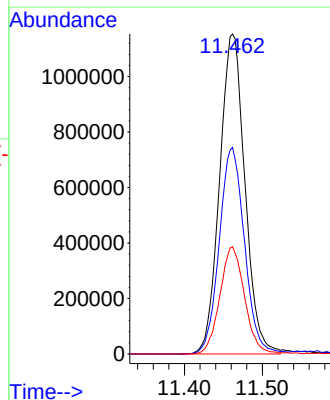
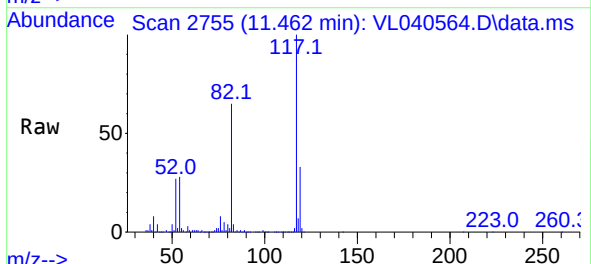
Instrument :
MSVOA_L
ClientSampleId :

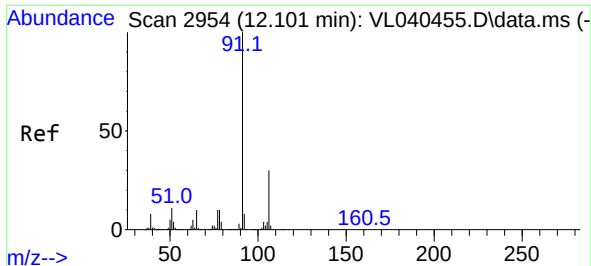
Tgt Ion: 91 Resp: 1417921
Ion Ratio Lower Upper
91 100
92 60.8 49.1 73.7



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 117 Resp: 2597440
Ion Ratio Lower Upper
117 100
82 64.6 50.2 75.4
119 32.9 26.9 40.3

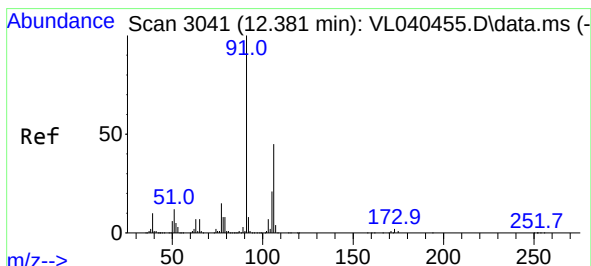
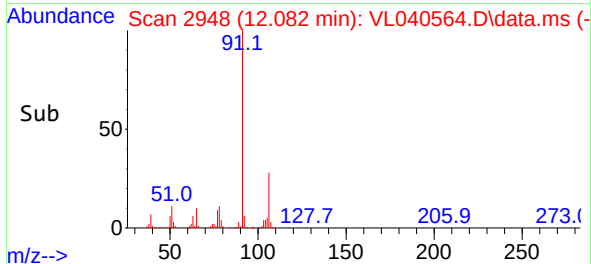
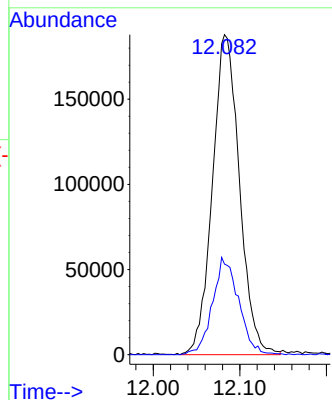
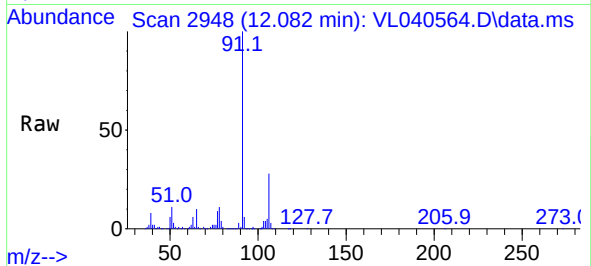




#58
Ethyl Benzene
Concen: 1.251 ppbv
RT: 12.082 min Scan# 2954
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

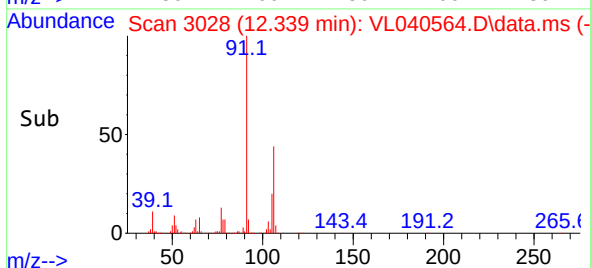
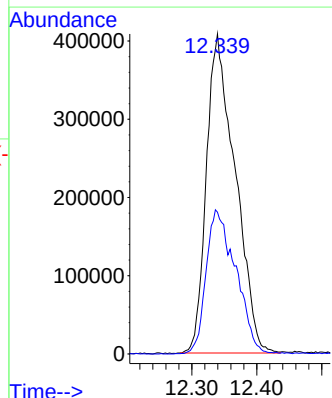
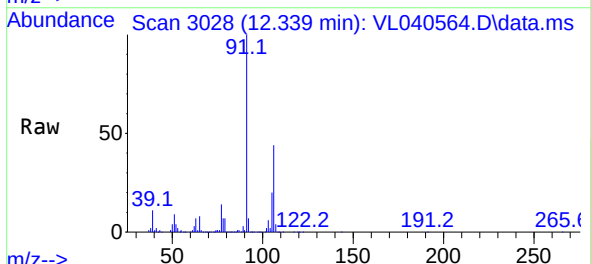
Instrument :
MSVOA_L
ClientSampleId :

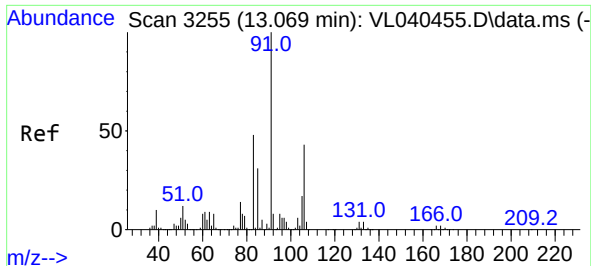
Tgt Ion: 91 Resp: 407662
Ion Ratio Lower Upper
91 100
106 28.3 25.4 38.0



#59
m/p-Xylene
Concen: 4.308 ppbv
RT: 12.339 min Scan# 3028
Delta R.T. -0.045 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 91 Resp: 1253257
Ion Ratio Lower Upper
91 100
106 46.8 35.9 53.9

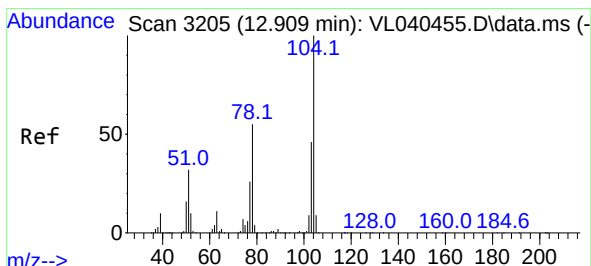
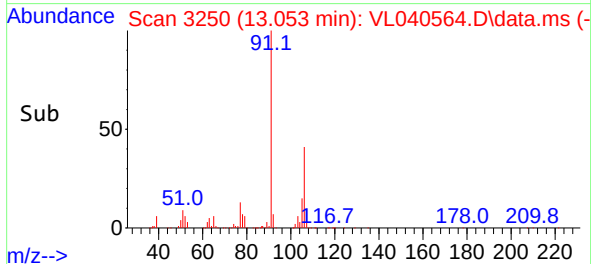
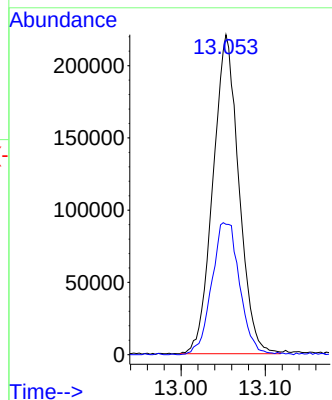
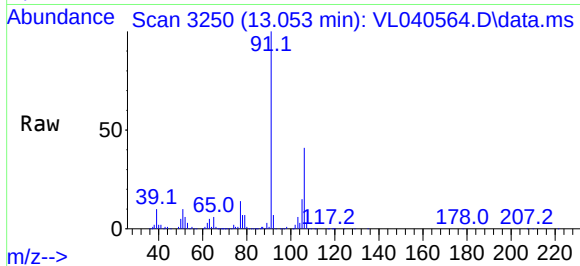




#60
o-Xylene
Concen: 1.698 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

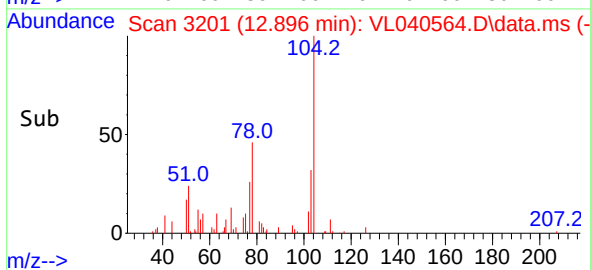
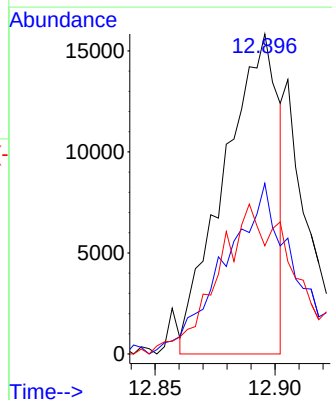
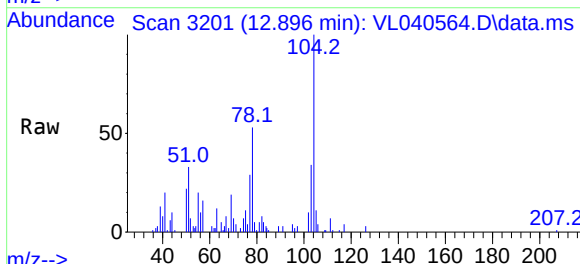
Instrument :
MSVOA_L
ClientSampleId :

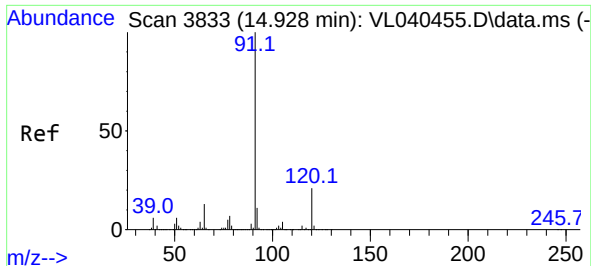
Tgt Ion: 91 Resp: 470570
Ion Ratio Lower Upper
91 100
106 44.8 22.7 68.0



#61
Styrene
Concen: 0.193 ppbv
RT: 12.896 min Scan# 3201
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion:104 Resp: 24704
Ion Ratio Lower Upper
104 100
78 76.5 40.1 60.1#
103 68.2 37.0 55.4#

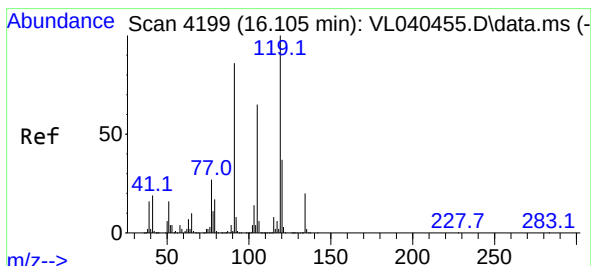
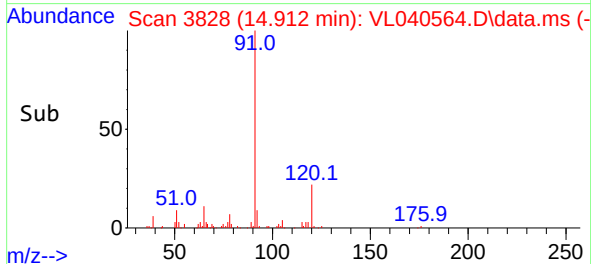
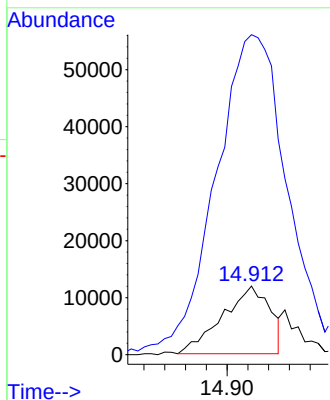
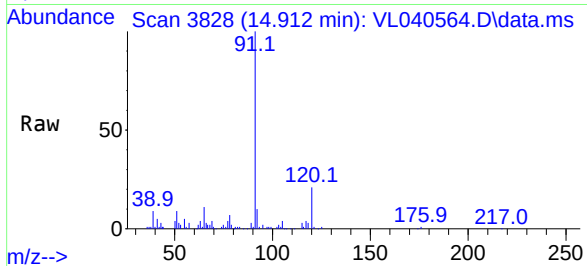




#64
n-propylbenzene
Concen: 0.177 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

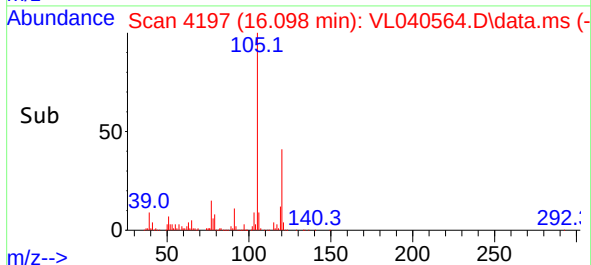
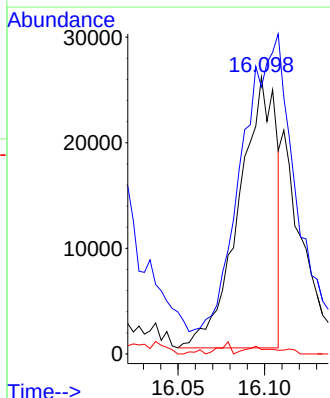
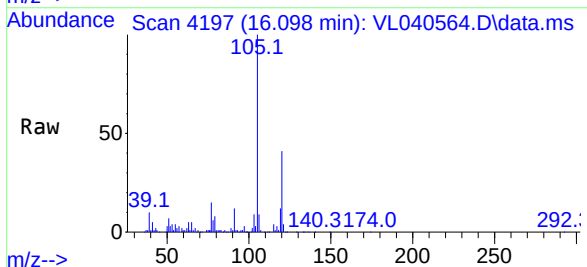
Instrument :
MSVOA_L
ClientSampleId :

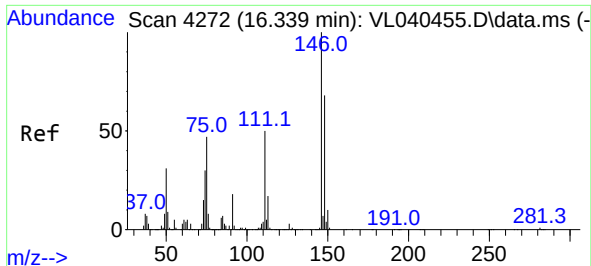
Tgt Ion:120 Resp: 19022
Ion Ratio Lower Upper
120 100
91 688.3 374.3 561.5#



#65
tert-Butylbenzene
Concen: 0.105 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

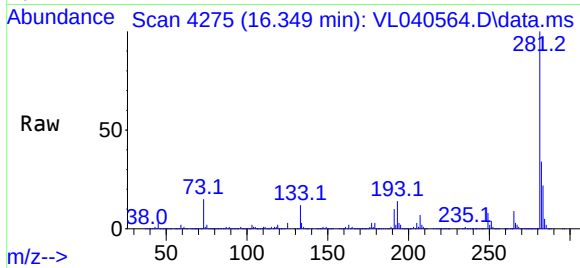
Tgt Ion:119 Resp: 38450
Ion Ratio Lower Upper
119 100
91 0.0 66.1 99.1#
134 2.4 15.7 23.5#



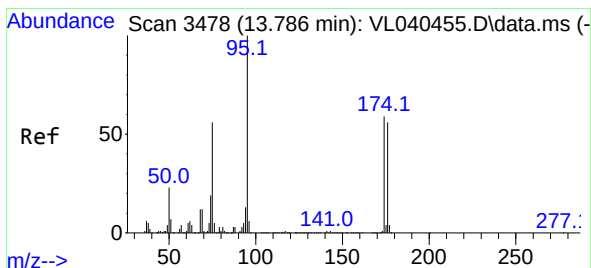
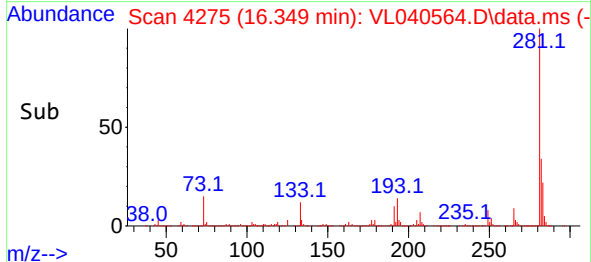
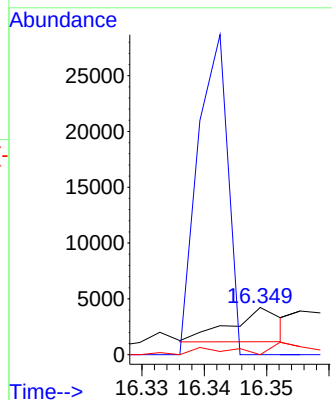


#66
Benzyl Chloride
Concen: 0.066 ppbv
RT: 16.349 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :

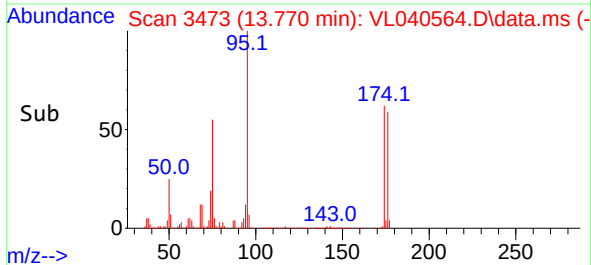
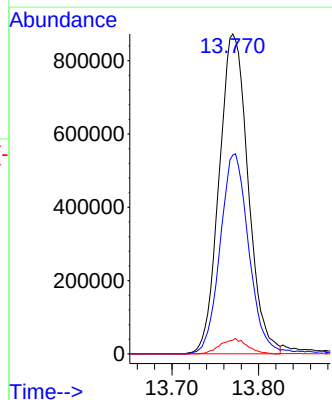
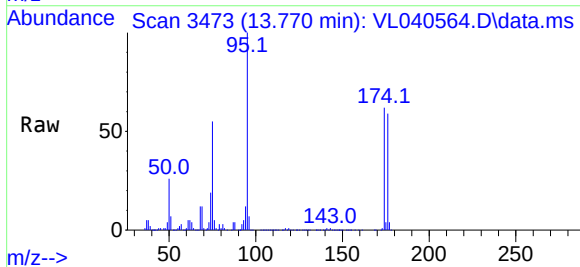


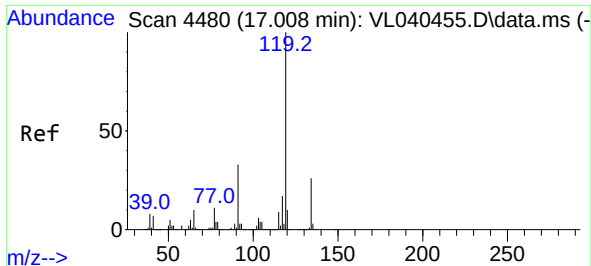
Tgt Ion: 91 Resp: 1723
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.875 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 95 Resp: 2030062
Ion Ratio Lower Upper
95 100
174 62.7 50.6 75.8
175 4.6 3.7 5.5

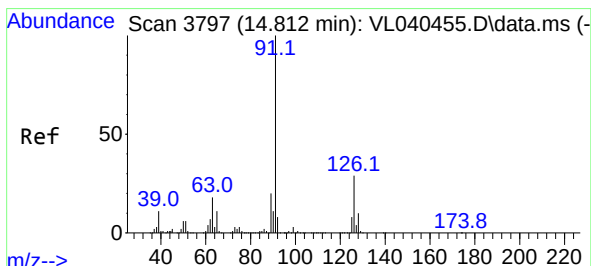
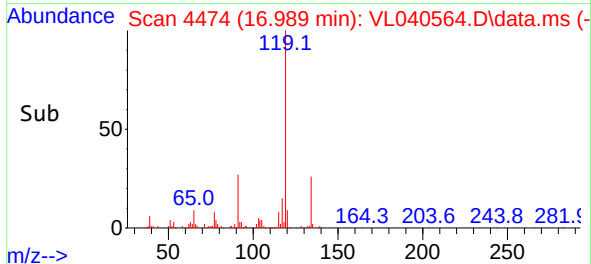
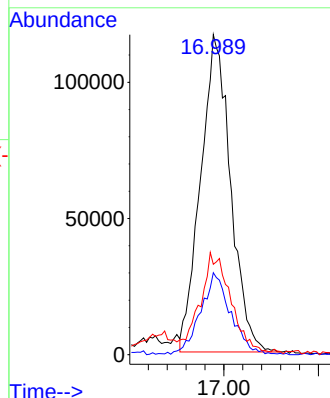
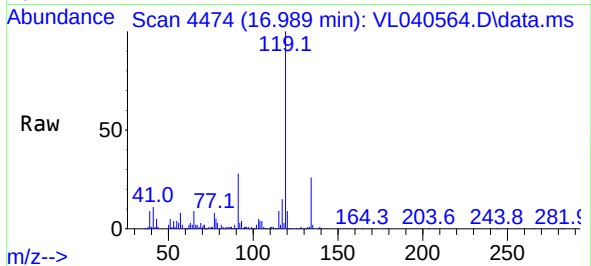




#69
p-Isopropyltoluene
Concen: 0.575 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

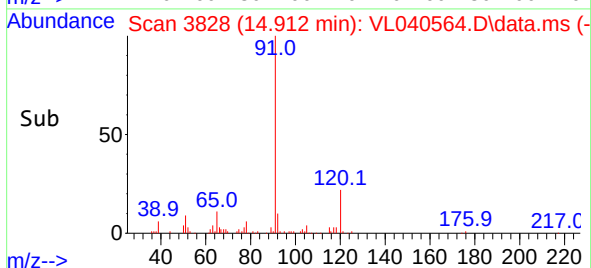
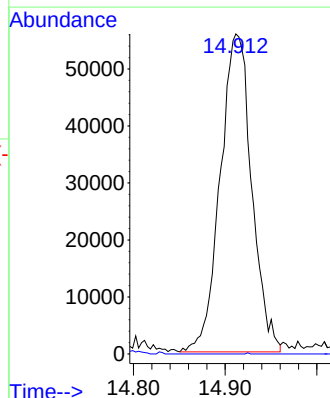
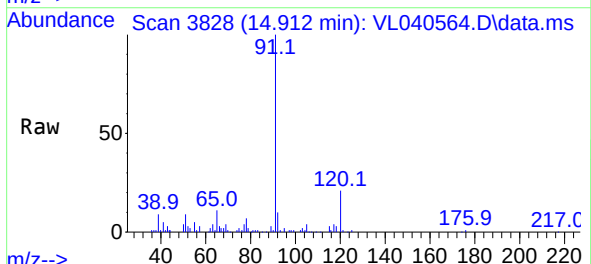
Instrument :
MSVOA_L
ClientSampleId :

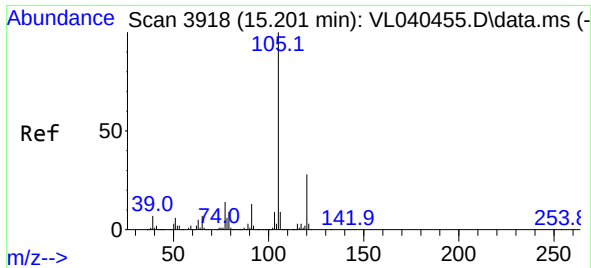
Tgt Ion:119 Resp: 256908
Ion Ratio Lower Upper
119 100
134 26.0 20.5 30.7
91 32.1 23.8 35.8



#71
2-Chlorotoluene
Concen: 0.416 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.100 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion: 91 Resp: 133171
Ion Ratio Lower Upper
91 100
126 0.9 12.4 49.8#

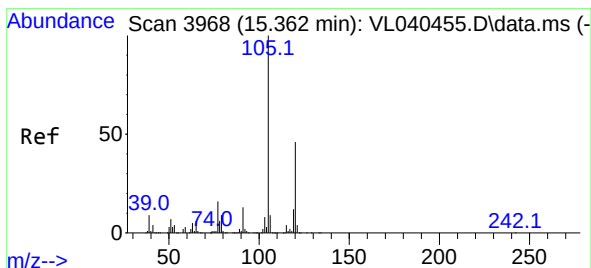
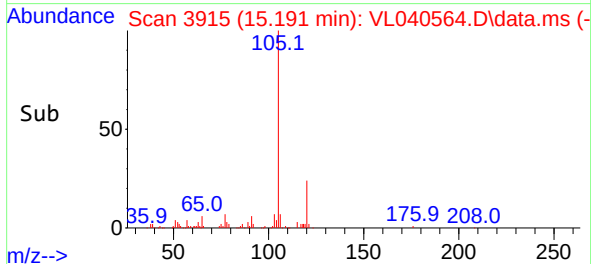
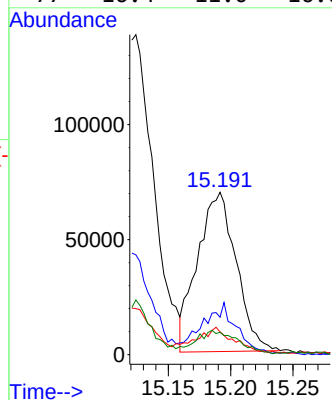
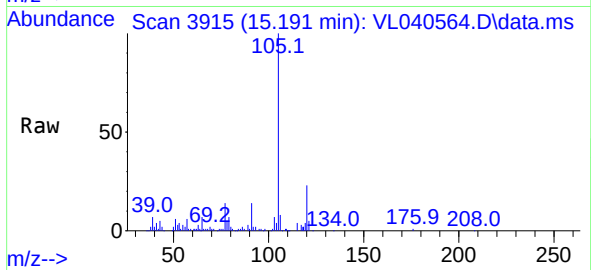




#72
4-Ethyltoluene
Concen: 0.461 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

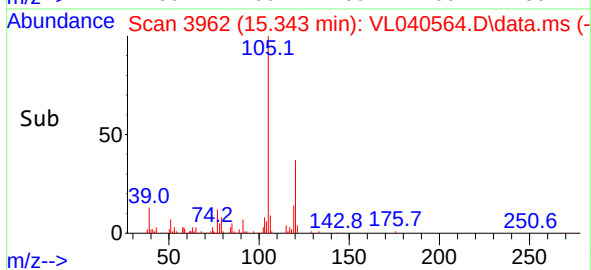
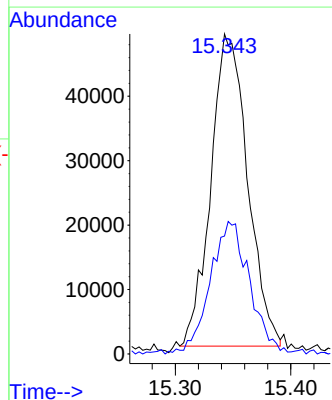
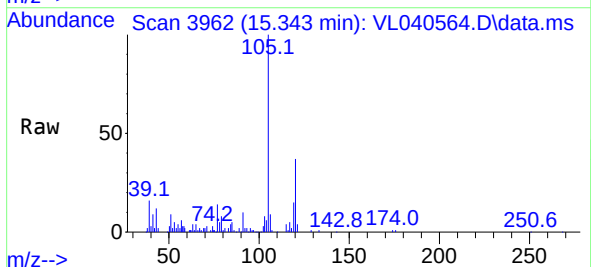
Instrument :
MSVOA_L
ClientSampleId :

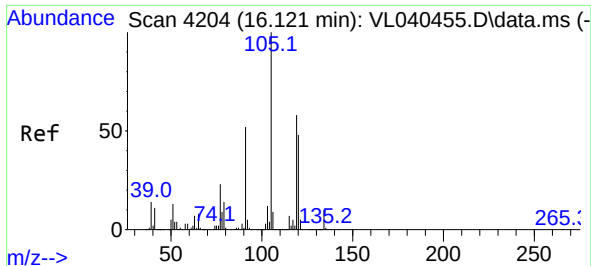
Tgt Ion:105 Resp: 149663
Ion Ratio Lower Upper
105 100
120 30.4 24.6 37.0
91 17.2 10.7 16.1#
77 16.4 11.0 16.6



#73
1,3,5-Trimethylbenzene
Concen: 0.375 ppbv
RT: 15.343 min Scan# 3962
Delta R.T. -0.019 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

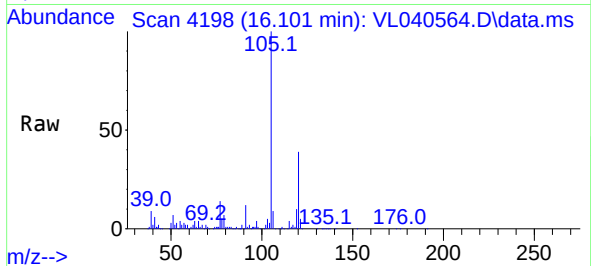
Tgt Ion:105 Resp: 107305
Ion Ratio Lower Upper
105 100
120 36.6 38.2 57.2#



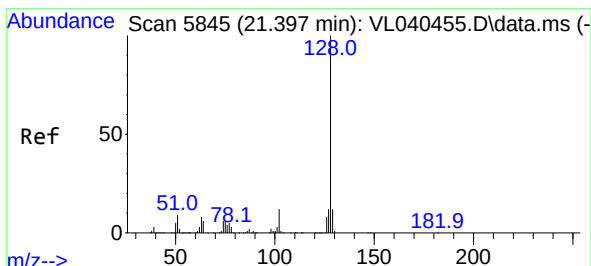
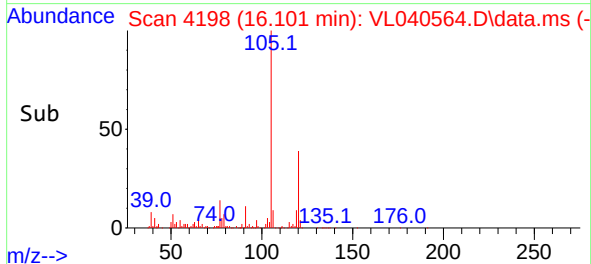
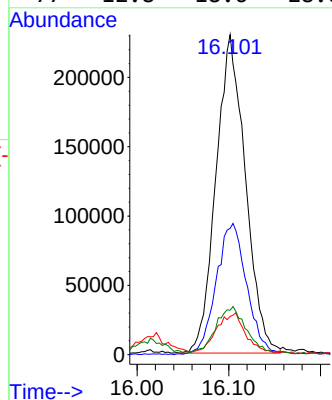


#74
1,2,4-Trimethylbenzene
Concen: 1.533 ppbv
RT: 16.101 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:105 Resp: 511834
Ion Ratio Lower Upper
105 100
120 39.4 40.3 60.5#
91 11.2 46.8 70.2#
77 12.8 18.6 28.0#



#79
Naphthalene
Concen: 0.054 ppbv
RT: 21.368 min Scan# 5836
Delta R.T. -0.026 min
Lab File: VL040564.D
Acq: 27 Jul 2023 6:49

Tgt Ion:128 Resp: 15217
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 6.5 9.2 13.8#

