

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112222\
 Data File : VL039933.D
 Acq On : 23 Nov 2022 1:59
 Operator : SY/AP
 Sample : N5767-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/23/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 23 04:54:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	936757	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	2678710	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.455	117	2376088	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1829103	10.078	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	18347	0.301	ppbv	100
15) Acetone	3.462	43	147097	1.184	ppbv	95
20) Methylene Chloride	3.912	84	34964m	0.581	ppbv	
26) Hexane	5.195	57	68021	0.683	ppbv #	35
53) Toluene	9.204	91	29499	0.114	ppbv	99
74) 1,2,4-Trimethylbenzene	16.101	105	41822m	0.149	ppbv	

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

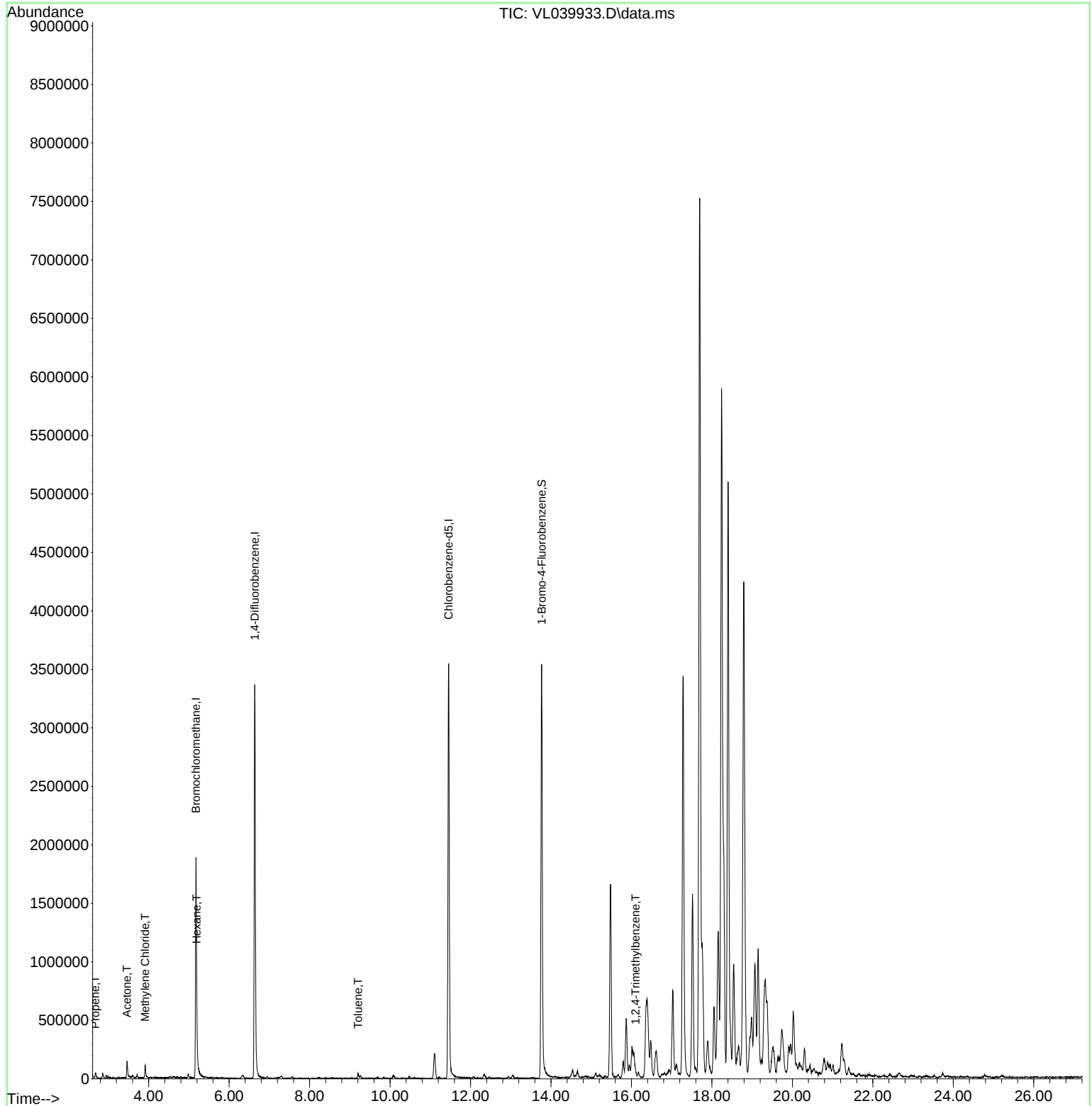
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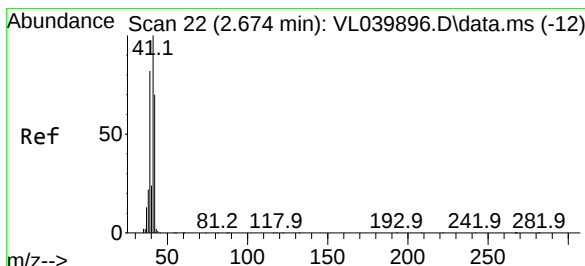
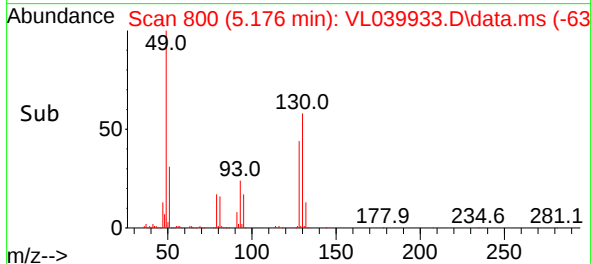
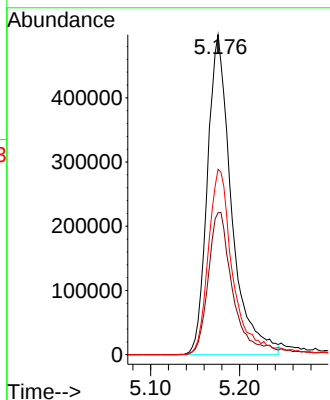
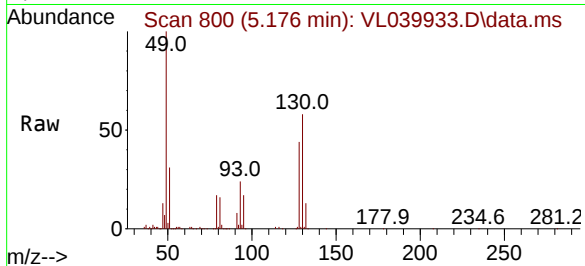
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 49 Resp: 93675
Ion Ratio Lower Upper
49 100
128 47.0 22.1 66.3
130 61.6 27.7 83.1

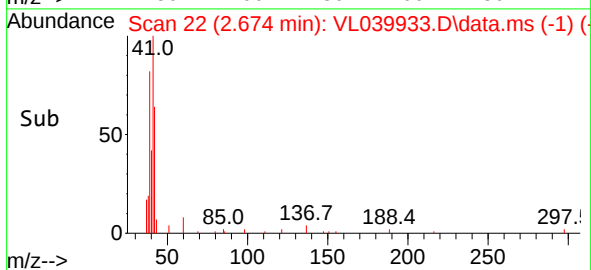
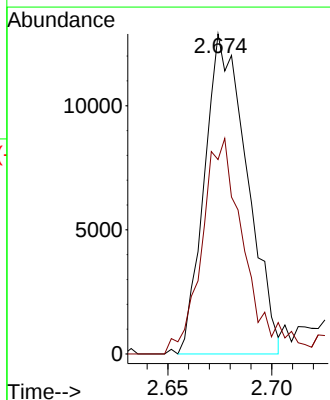
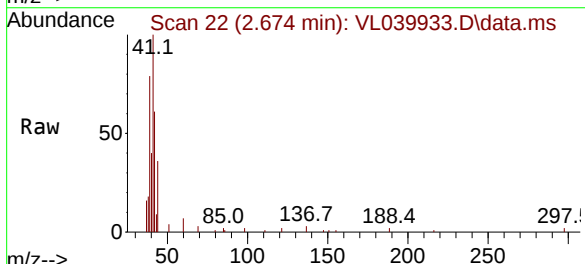
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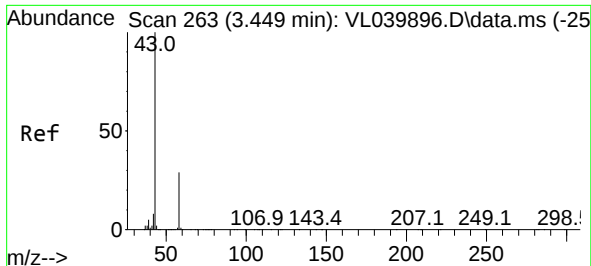
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#9
Propene
Concen: 0.301 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.013 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Tgt Ion: 41 Resp: 18347
Ion Ratio Lower Upper
41 100
42 69.8 55.8 83.6





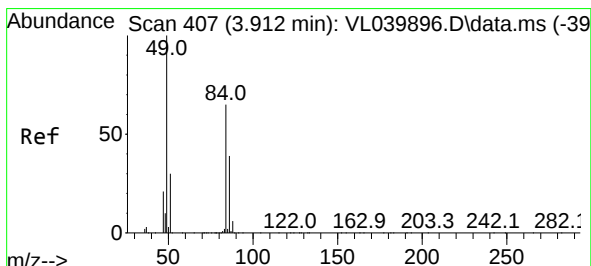
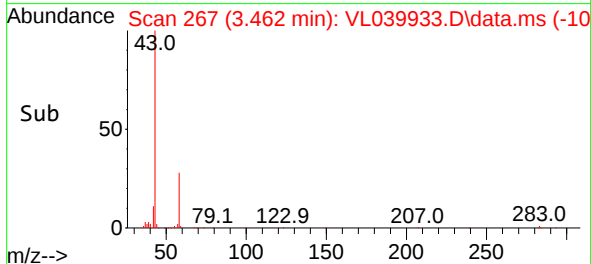
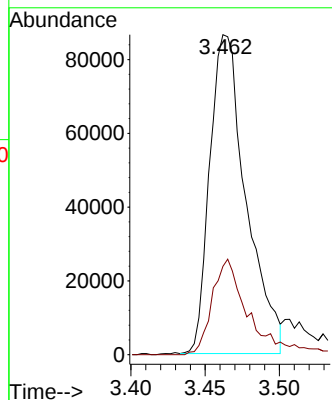
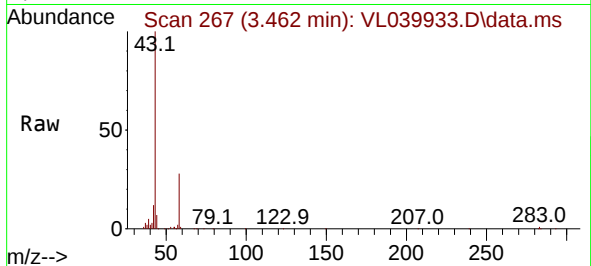
#15
Acetone
Concen: 1.184 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.029 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 14709
Ion Ratio Lower Upper
43 100
58 31.0 22.9 34.3

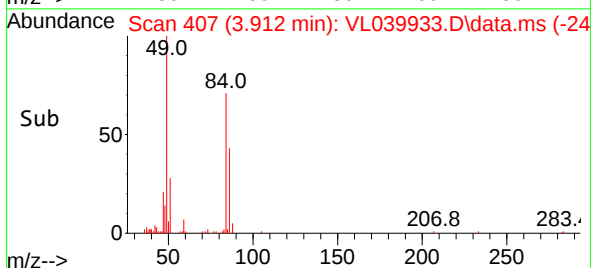
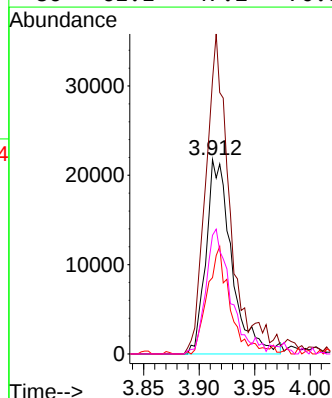
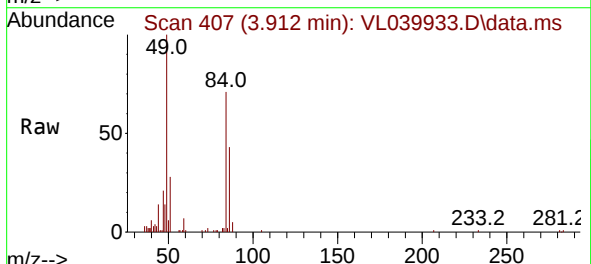
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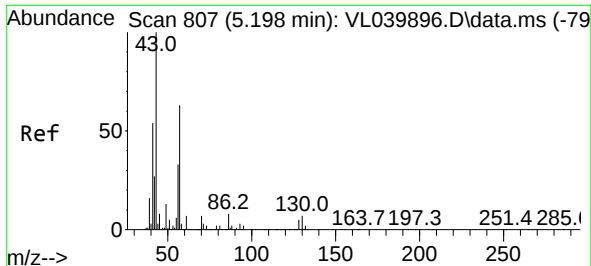
Reviewed By :Semsettin Yesilyurt 11/23/2022
Supervised By :Mahesh Dadoda 11/24/2022



#20
Methylene Chloride
Concen: 0.581 ppbv m
RT: 3.912 min Scan# 407
Delta R.T. 0.013 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Tgt Ion: 84 Resp: 34964
Ion Ratio Lower Upper
84 100
49 141.0 122.2 183.4
51 39.3 36.3 54.5
86 61.1 47.2 70.8





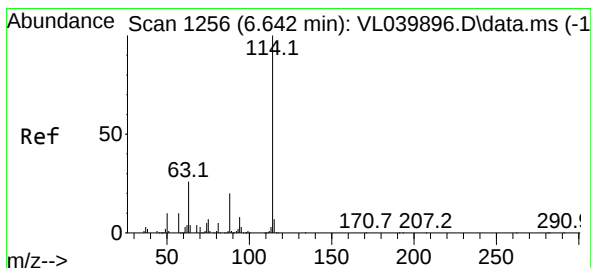
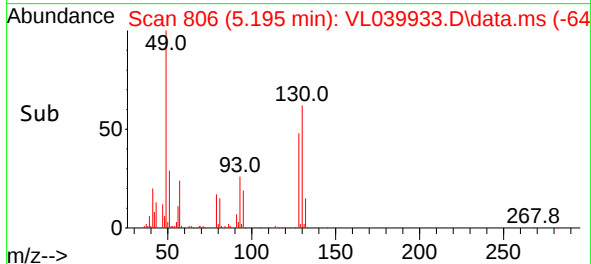
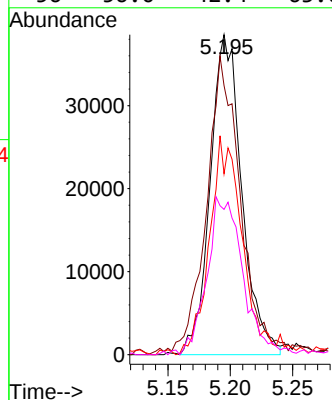
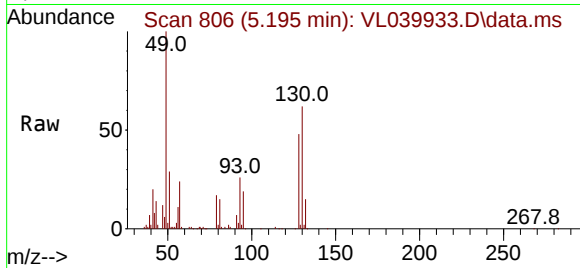
#26
Hexane
Concen: 0.683 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.013 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 57 Resp: 6802
Ion Ratio Lower Upper
57 100
41 102.2 72.3 108.5
43 70.4 188.7 283.1
56 56.0 42.4 63.6

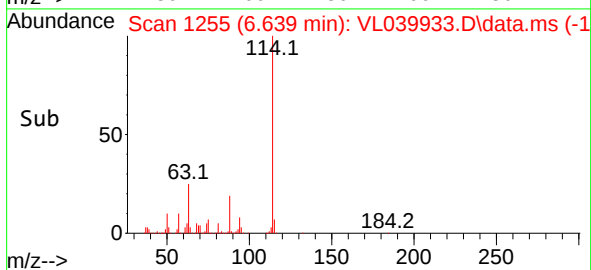
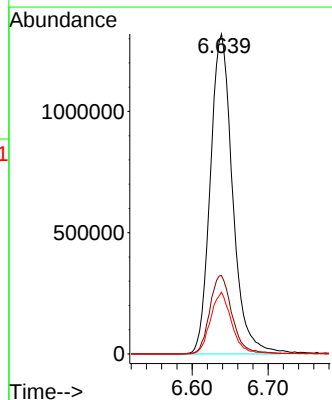
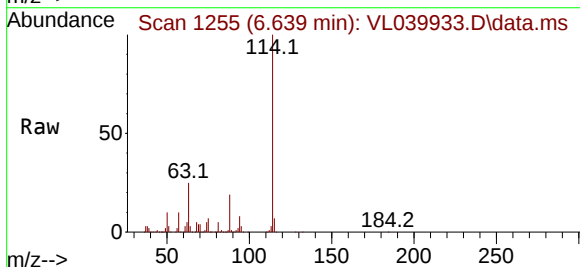
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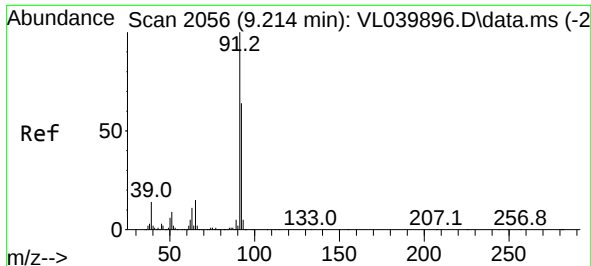
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Supervised By :Mahesh Dadoda 11/24/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.019 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

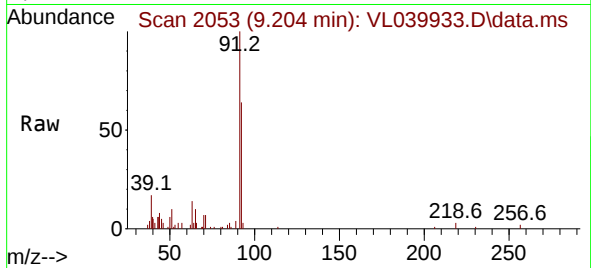
Tgt Ion:114 Resp: 2678710
Ion Ratio Lower Upper
114 100
63 25.0 21.4 32.0
88 18.6 15.3 22.9





#53
Toluene
Concen: 0.114 ppbv
RT: 9.204 min Scan# 2056
Delta R.T. 0.013 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

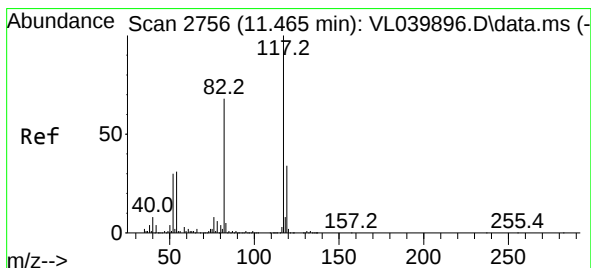
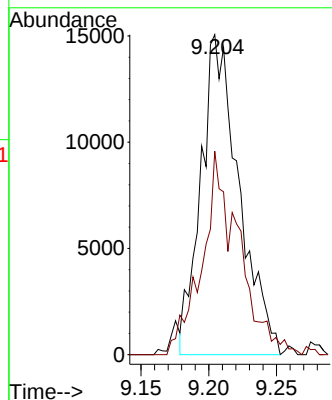
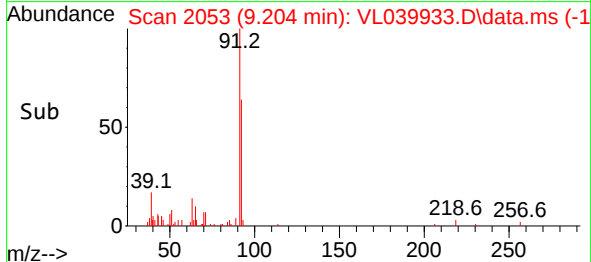
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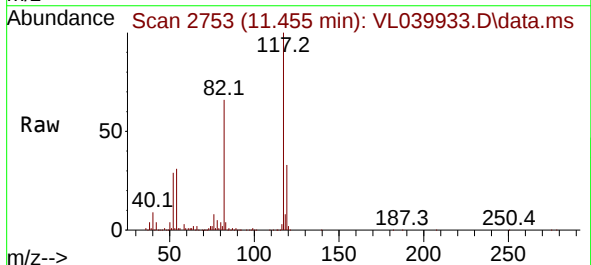
Tgt Ion: 91 Resp: 29498
Ion Ratio Lower Upper
91 100
92 61.7 49.8 74.6

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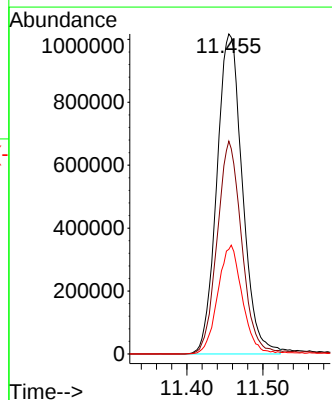
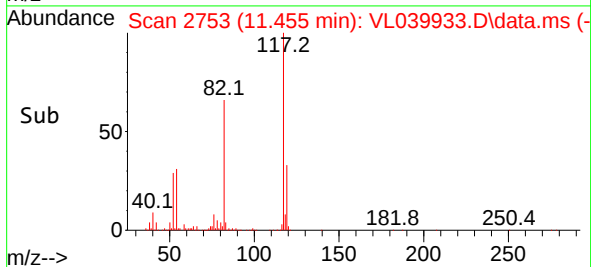
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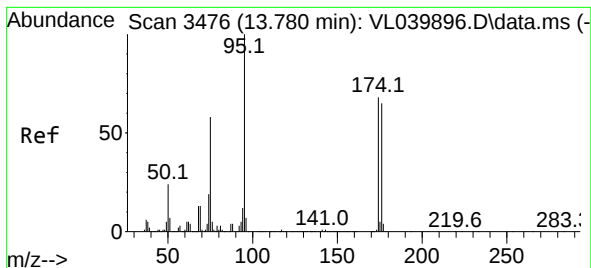


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. 0.016 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59



Tgt Ion:117 Resp: 2376088
Ion Ratio Lower Upper
117 100
82 64.8 52.3 78.5
119 33.2 25.7 38.5





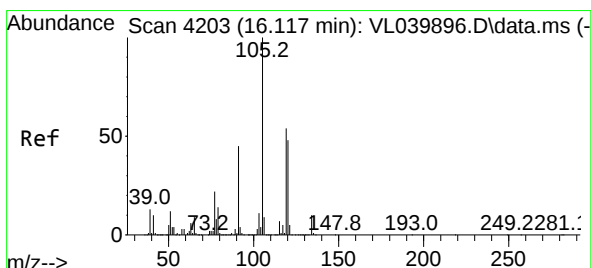
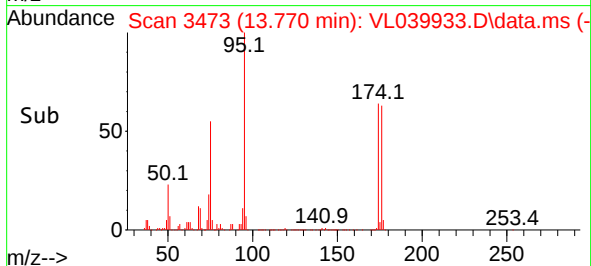
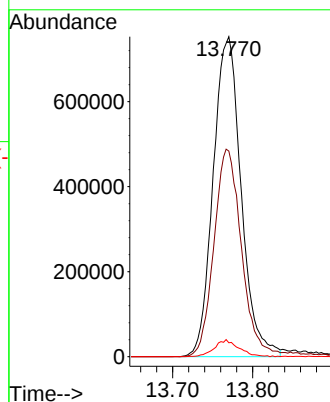
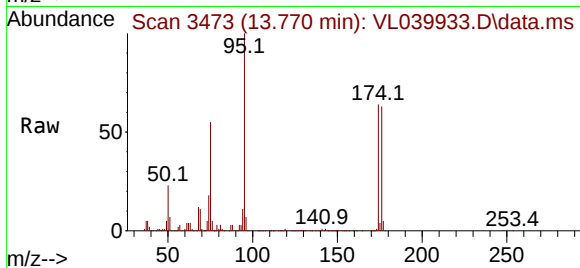
#68
1-Bromo-4-Fluorobenzene
Concen: 10.078 ppbv
RT: 13.770 min Scan# 3476
Delta R.T. 0.016 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 95 Resp: 182910
Ion Ratio Lower Upper
95 100
174 65.5 53.7 80.5
175 4.6 4.0 6.0

Manual Integrations
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#74
1,2,4-Trimethylbenzene
Concen: 0.149 ppbv m
RT: 16.101 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL039933.D
Acq: 23 Nov 2022 1:59

Tgt Ion:105 Resp: 41822
Ion Ratio Lower Upper
105 100
120 42.0 38.7 58.1
91 9.8 36.4 54.6#
77 11.3 17.4 26.0#

