

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039156.D
 Acq On : 3 Jun 2022 16:46
 Operator : SY/AP
 Sample : N3106-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 03 17:53:27 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 03 17:53:27 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.680	49	1224621	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.192	114	2953494	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.098	117	2673857	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.429 95 2262871 10.237 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.063	85	20352	0.095	ppbv	92
9) Propene	3.031	41	67070	0.987	ppbv	83
10) Heptane	8.137	43	33855	0.214	ppbv	89
13) Ethanol	3.623	45	28292m	7.636	ppbv	
15) Acetone	3.870	43	65714	0.515	ppbv #	47
19) Isopropyl Alcohol	3.992	45	72451m	1.211	ppbv	
20) Methylene Chloride	4.359	84	53855m	1.002	ppbv	
23) Vinyl Acetate	5.089	43	136323	1.292	ppbv #	97
26) Hexane	5.700	57	239205	1.893	ppbv #	25
34) 2-Butanone	5.266	43	347429m	2.165	ppbv	
51) 2-Hexanone	10.156	43	97484	0.522	ppbv #	99
52) Tetrachloroethene	11.236	164	56292m	0.601	ppbv	

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

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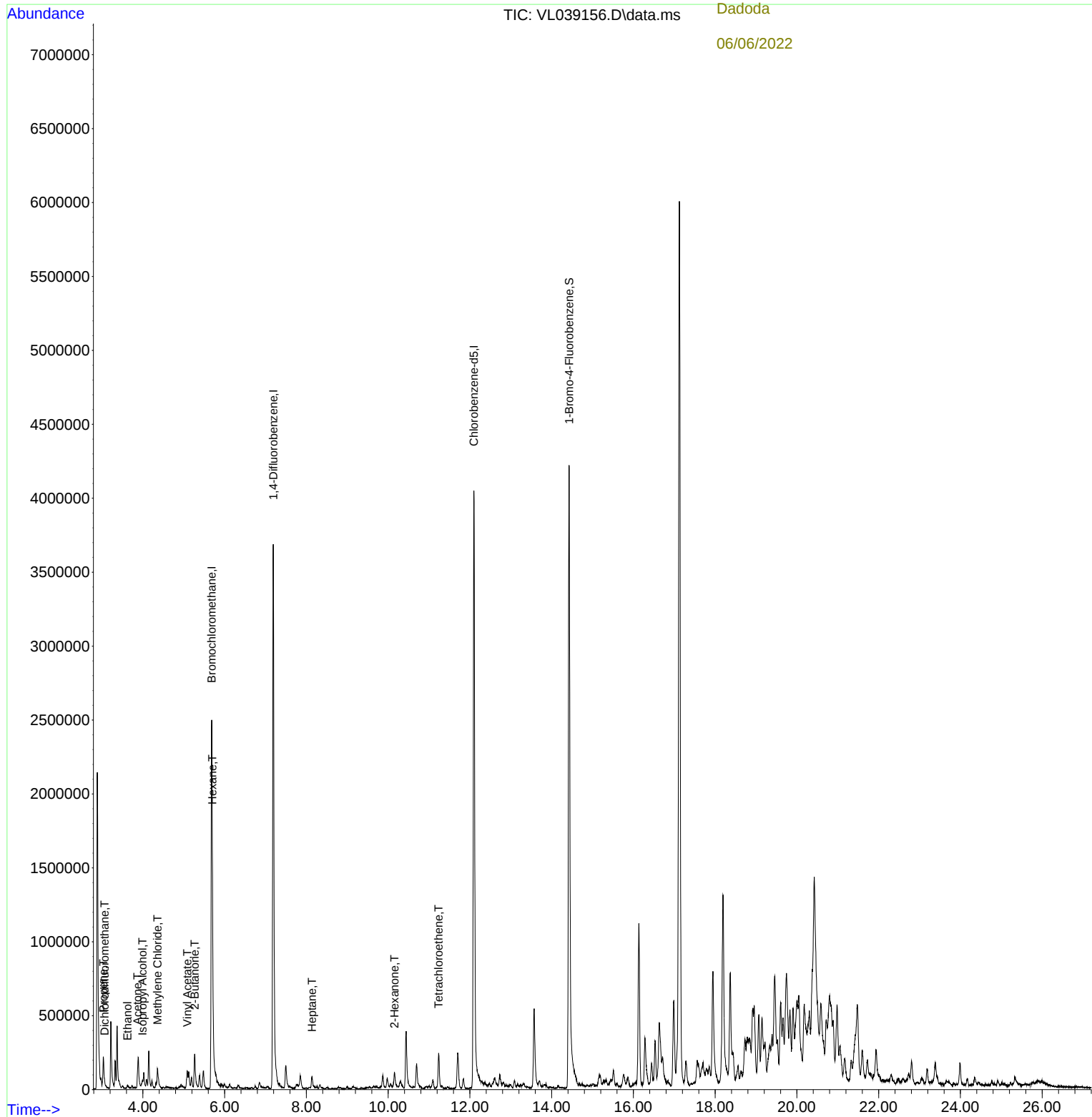
Quant Time: Jun 03 17:53:27 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
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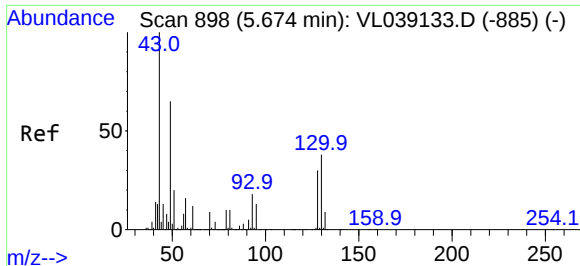
Manual Integrations
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Supervised By :Mahesh Dadoda 06/06/2022

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Supervised By :Mahesh
Dadoda

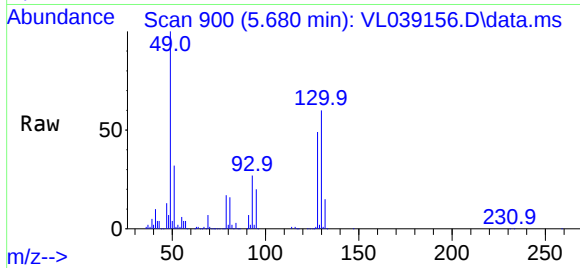
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.006 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

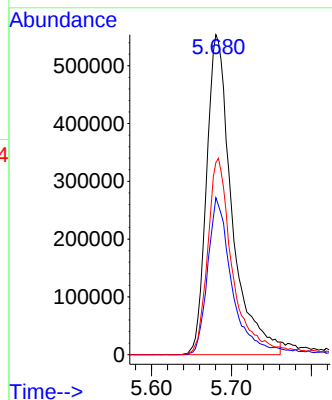
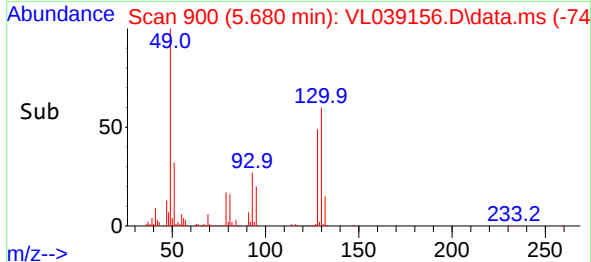
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 49 Resp: 122462
Ion Ratio Lower Upper
49 100
128 48.6 24.7 74.1
130 62.4 31.4 94.0

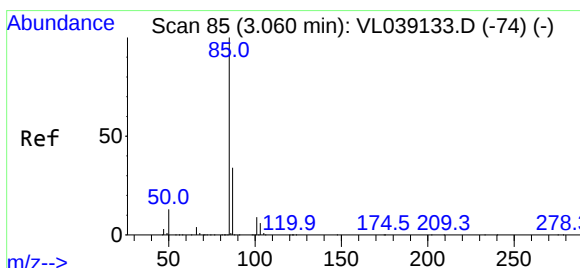
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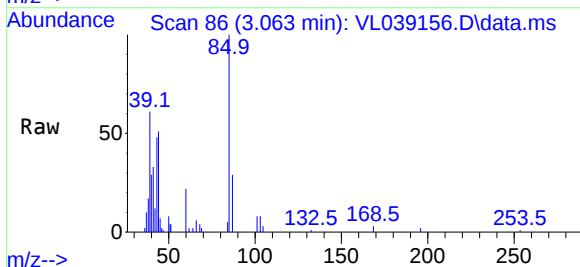


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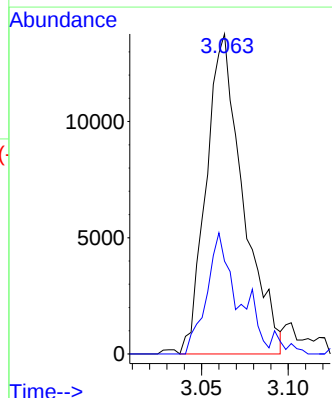
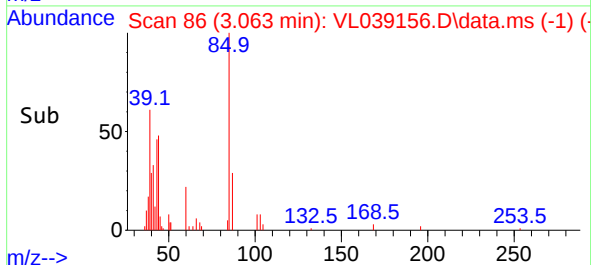
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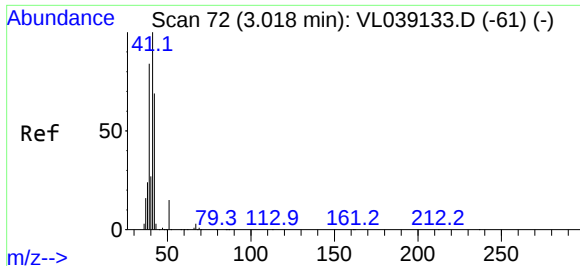


#2
Dichlorodifluoromethane
Concen: 0.095 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.003 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46



Tgt Ion: 85 Resp: 20352
Ion Ratio Lower Upper
85 100
87 29.0 26.9 40.3





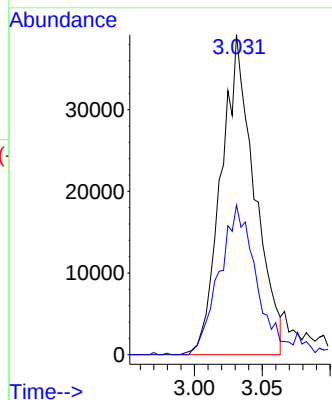
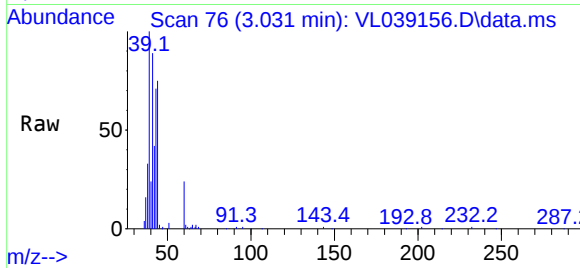
#9
Propene
Concen: 0.987 ppbv
RT: 3.031 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 41 Resp: 67070
Ion Ratio Lower Upper
41 100
42 55.6 55.4 83.2

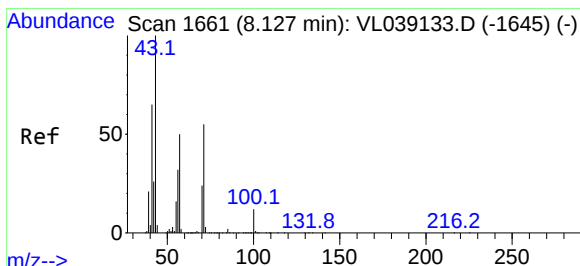
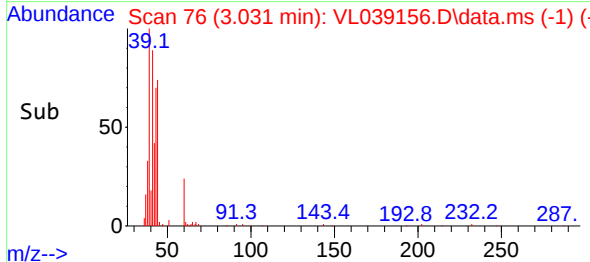
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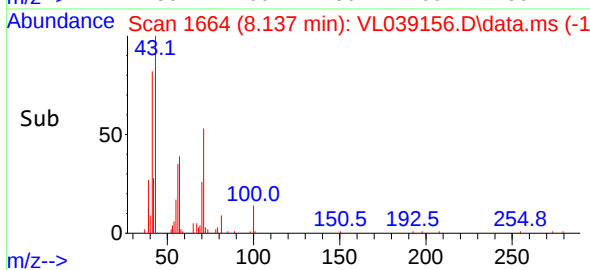
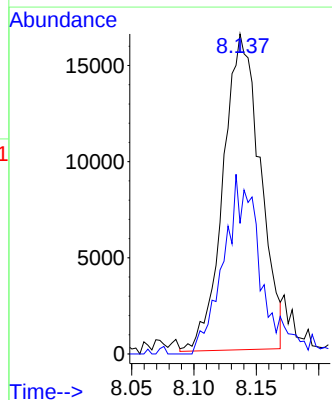
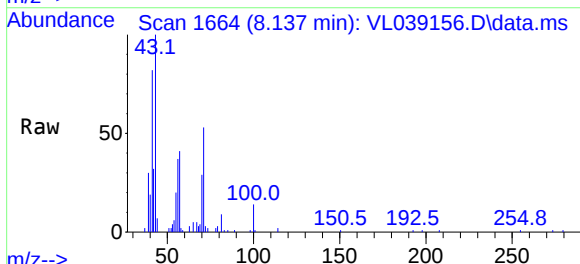
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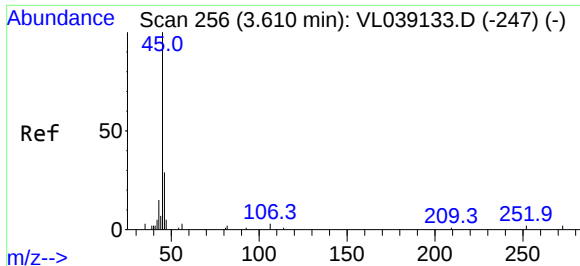
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#10
Heptane
Concen: 0.214 ppbv
RT: 8.137 min Scan# 1664
Delta R.T. 0.010 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

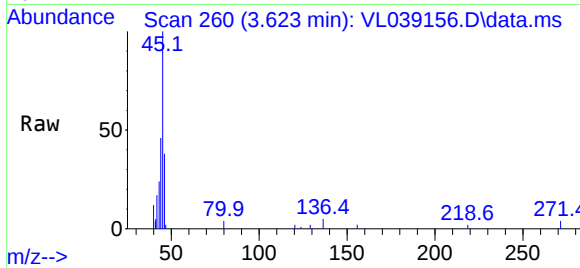
Tgt Ion: 43 Resp: 33855
Ion Ratio Lower Upper
43 100
57 59.6 41.4 62.2





#13
Ethanol
Concen: 7.636 ppbv m
RT: 3.623 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

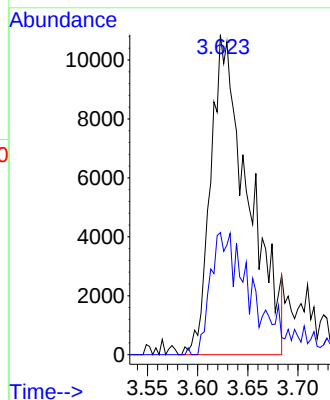
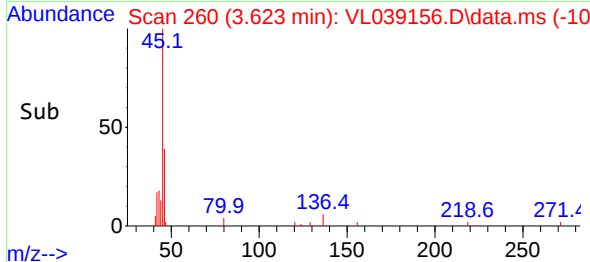
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 45 Resp: 2829
Ion Ratio Lower Upper
45 100
46 46.6 0.0 0.0

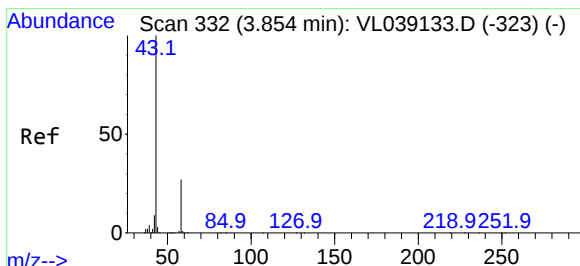
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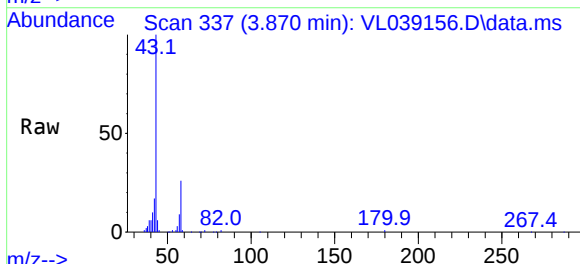


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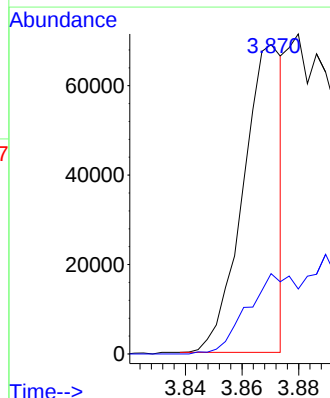
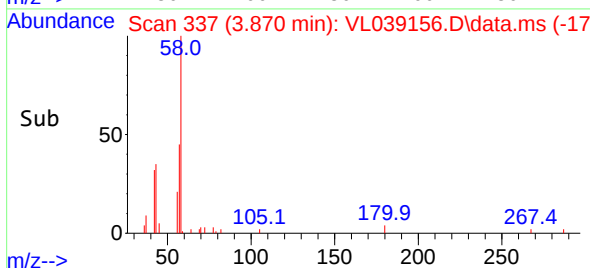
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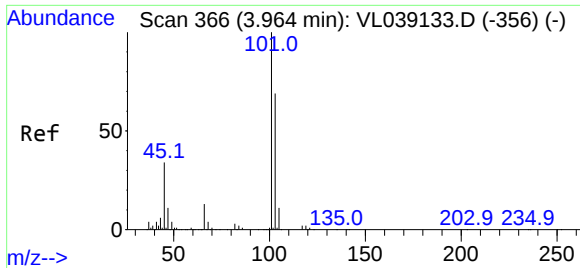


#15
Acetone
Concen: 0.515 ppbv
RT: 3.870 min Scan# 337
Delta R.T. 0.016 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46



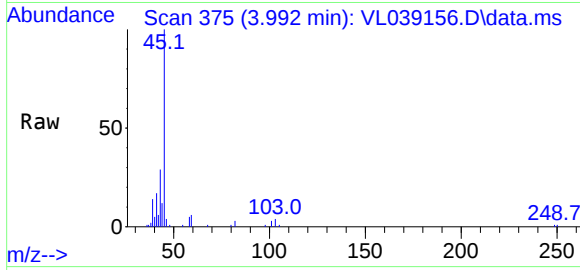
Tgt Ion: 43 Resp: 65714
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7





#19
Isopropyl Alcohol
Concen: 1.211 ppbv m
RT: 3.992 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

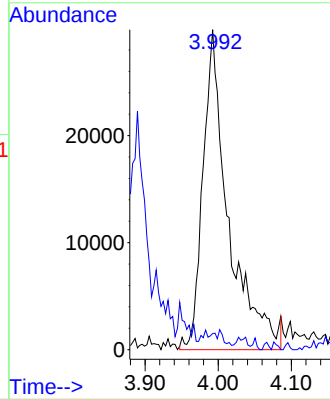
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 45 Resp: 7245
Ion Ratio Lower Upper
45 100
58 3.7 1.8 2.8

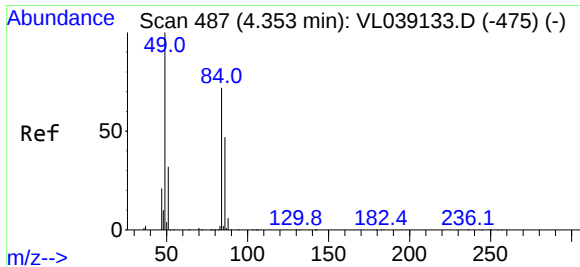
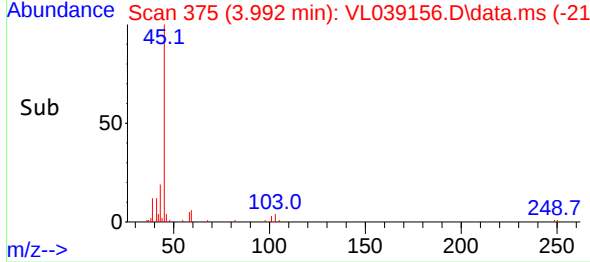
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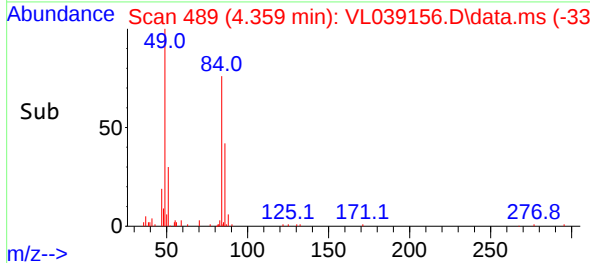
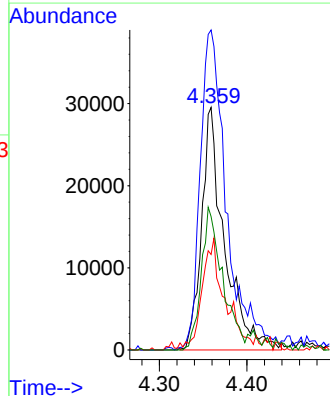
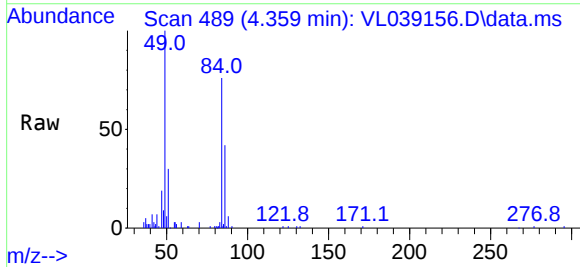
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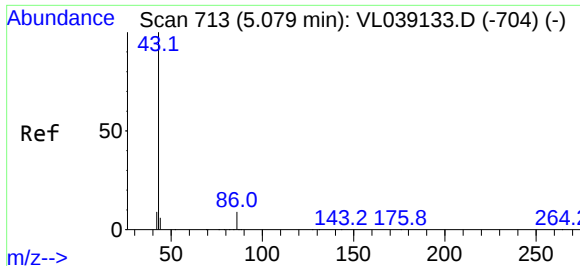
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#20
Methylene Chloride
Concen: 1.002 ppbv m
RT: 4.359 min Scan# 489
Delta R.T. 0.006 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

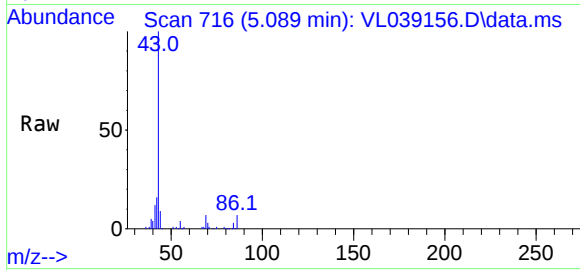
Tgt Ion: 84 Resp: 53855
Ion Ratio Lower Upper
84 100
49 131.9 111.1 166.7
51 39.4 35.3 52.9
86 55.0 51.9 77.9





#23
Vinyl Acetate
Concen: 1.292 ppbv
RT: 5.089 min Scan# 713
Delta R.T. 0.010 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

Instrument :
MSVOA_L
ClientSampleId :
SV3



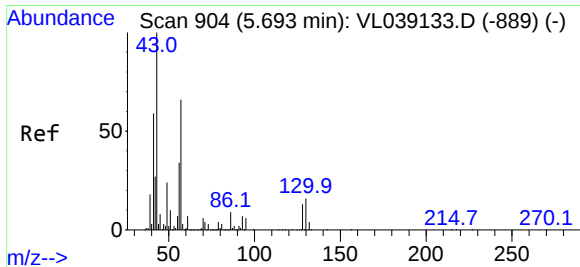
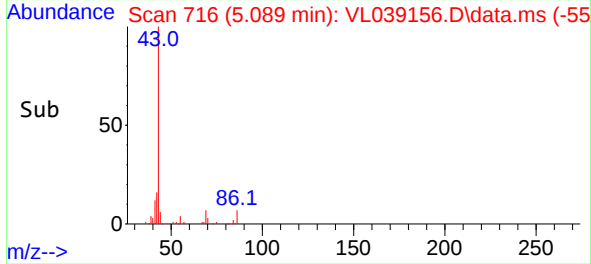
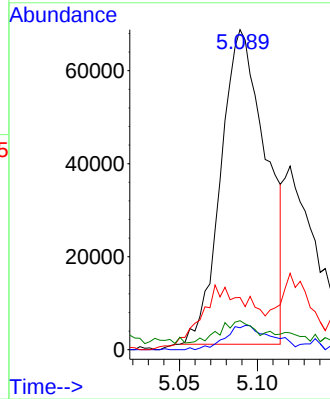
Tgt Ion: 43 Resp: 136320
Ion Ratio Lower Upper
43 100
86 7.0 6.0 9.0
42 12.7 8.2 12.4
44 5.3 4.3 6.5

Manual Integrations
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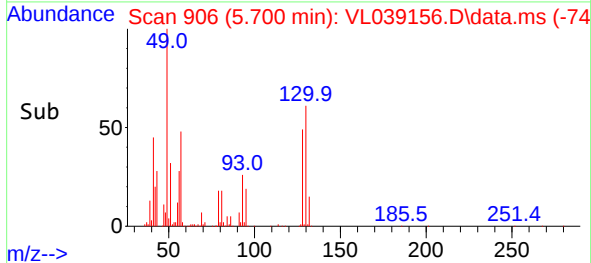
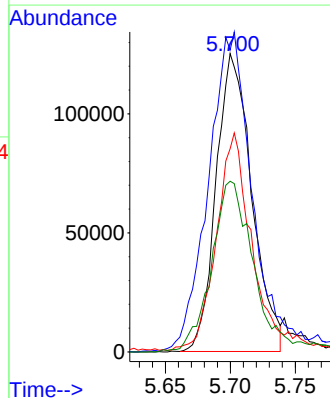
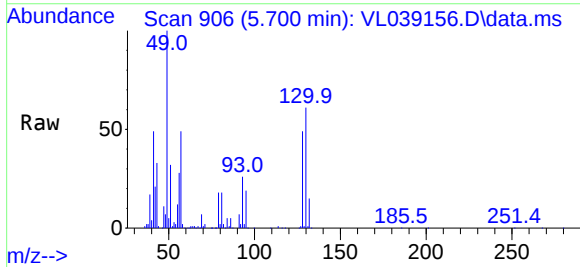
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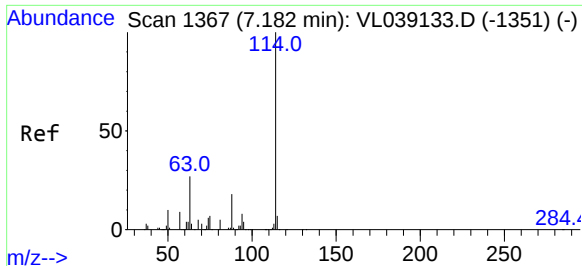
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#26
Hexane
Concen: 1.893 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.006 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

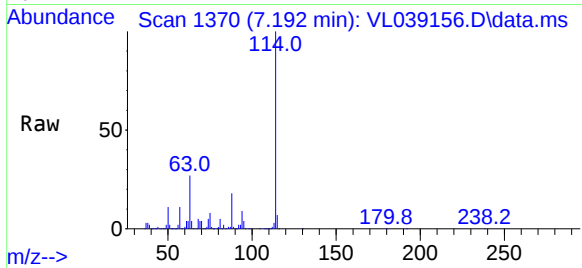
Tgt Ion: 57 Resp: 239205
Ion Ratio Lower Upper
57 100
41 138.6 72.4 108.6#
43 74.5 187.0 280.6#
56 68.5 41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

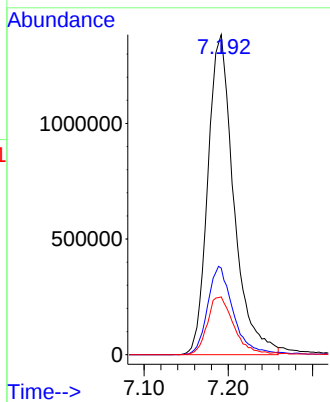
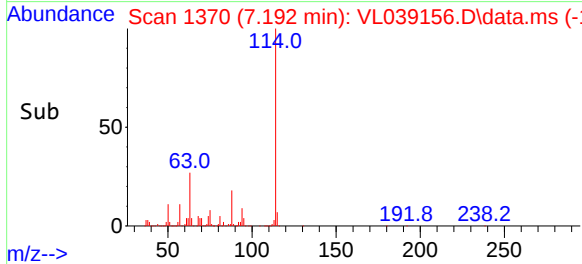
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 114 Resp: 2953494
Ion Ratio Lower Upper
114 100
63 27.9 21.7 32.5
88 19.0 14.8 22.2

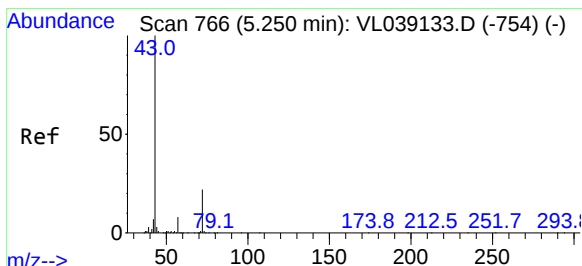
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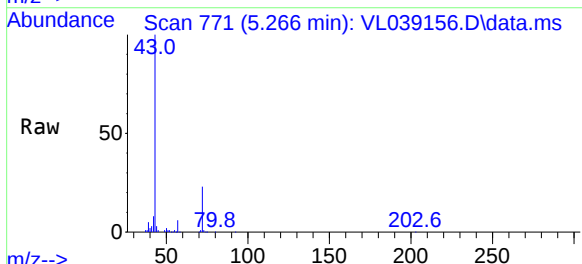


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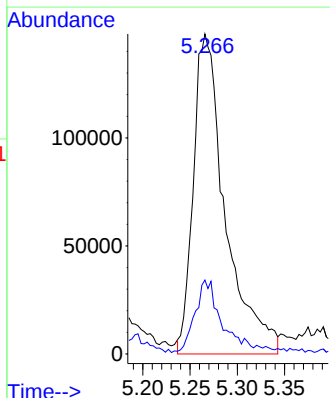
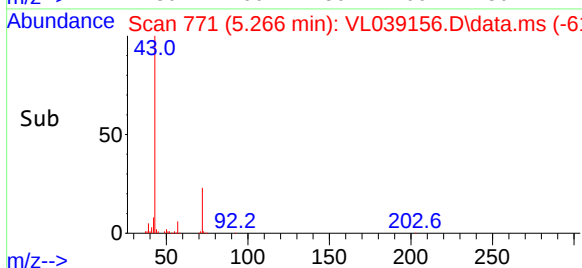
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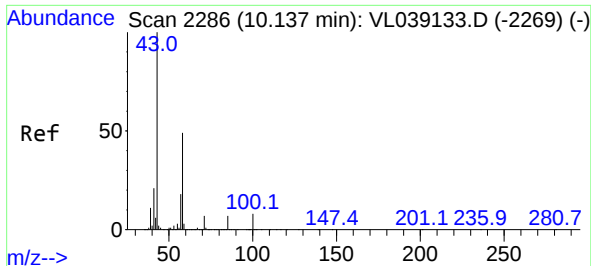


#34
2-Butanone
Concen: 2.165 ppbv m
RT: 5.266 min Scan# 771
Delta R.T. 0.016 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46



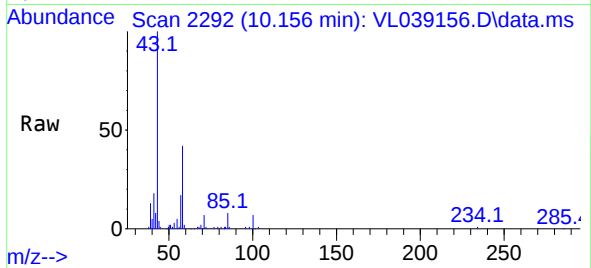
Tgt Ion: 43 Resp: 347429
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#51
2-Hexanone
Concen: 0.522 ppbv
RT: 10.156 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

Instrument :
MSVOA_L
ClientSampleId :
SV3



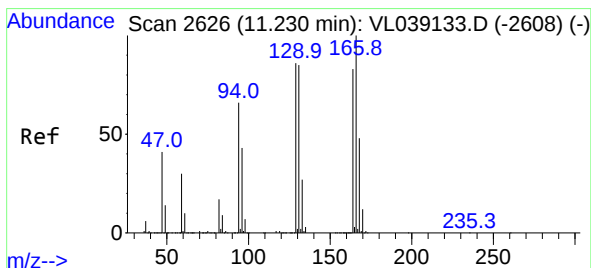
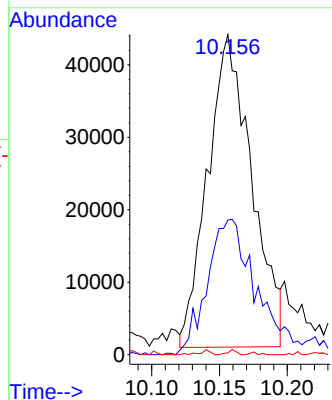
Tgt Ion: 43 Resp: 97484
Ion Ratio Lower Upper
43 100
58 50.6 40.0 60.0
98 0.4 0.1 0.1

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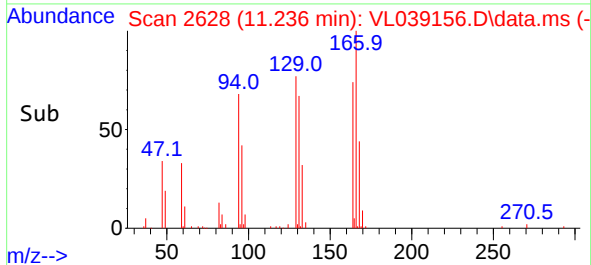
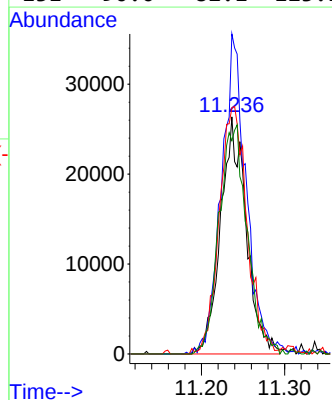
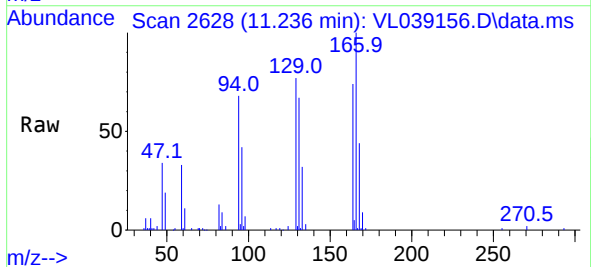
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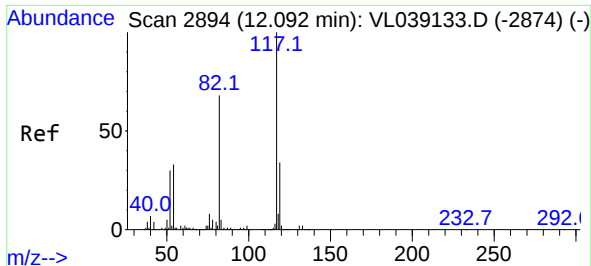
06/06/2022



#52
Tetrachloroethene
Concen: 0.601 ppbv m
RT: 11.236 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

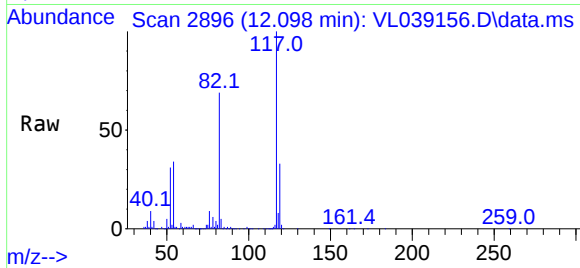
Tgt Ion:164 Resp: 56292
Ion Ratio Lower Upper
164 100
166 135.0 96.3 144.5
129 103.9 82.5 123.7
131 90.0 82.1 123.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46

Instrument :
MSVOA_L
ClientSampleId :
SV3



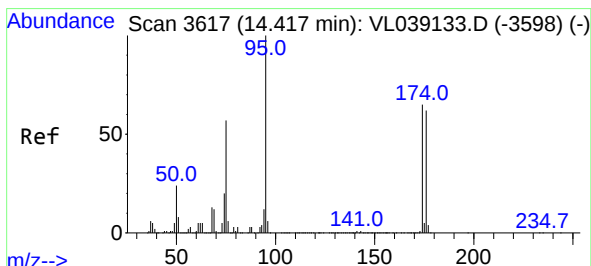
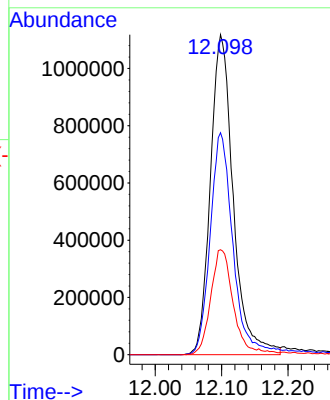
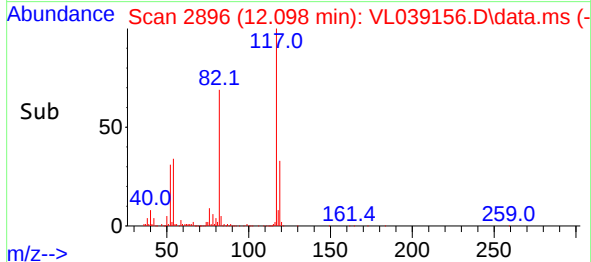
Tgt Ion: 117 Resp: 267385
Ion Ratio Lower Upper
117 100
82 71.6 55.1 82.7
119 33.6 24.7 37.1

Manual Integrations
APPROVED

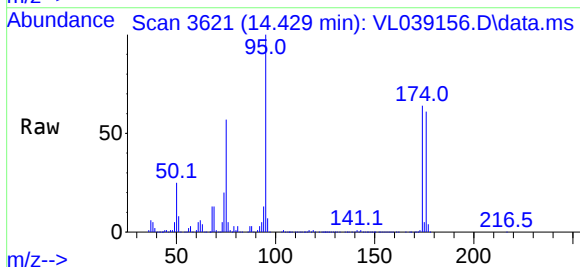
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

06/05/2022
Supervised By :Mahesh
Dadoda

06/06/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.237 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.013 min
Lab File: VL039156.D
Acq: 3 Jun 2022 16:46



Tgt Ion: 95 Resp: 2262871
Ion Ratio Lower Upper
95 100
174 66.2 53.8 80.8
175 4.7 4.1 6.1

