

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039780.D
 Acq On : 25 Oct 2022 6:08
 Operator : SY/AP
 Sample : N5227-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 F

Quant Time: Oct 27 16:46:35 2022
 Quant Title :
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Bromochloromethane	5.198	49	945762	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2381121	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2058807	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1434128	9.792	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	28326	0.286	ppbv	92
3) Chlorodifluoromethane	2.693	51	45190	0.398	ppbv #	91
4) Chloromethane	2.832	50	27177	0.382	ppbv	91
9) Propene	2.716	41	683739	14.007	ppbv	87
13) Ethanol	3.259	45	44707	12.753	ppbv	93
15) Acetone	3.484	43	815876	7.222	ppbv	98
19) Isopropyl Alcohol	3.613	45	28815m	0.544	ppbv	
20) Methylene Chloride	3.947	84	963252	22.413	ppbv	98
25) Ethyl Acetate	5.221	43	515555	2.334	ppbv #	76
26) Hexane	5.221	57	723922	7.883	ppbv #	37
27) Carbon Disulfide	4.140	76	67595	0.620	ppbv #	95
30) Cyclohexane	6.606	84	10683	0.142	ppbv #	35
34) 2-Butanone	4.803	43	55841m	0.498	ppbv	
35) Carbon Tetrachloride	6.500	117	8557m	0.063	ppbv	
36) Benzene	6.372	78	326861	1.782	ppbv	97
41) Tetrahydrofuran	5.262	42	4927	0.071	ppbv #	41
53) Toluene	9.220	91	198780	1.035	ppbv	98
59) m/p-Xylene	12.352	91	57874m	0.273	ppbv	
60) o-Xylene	13.053	91	39461m	0.199	ppbv	

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

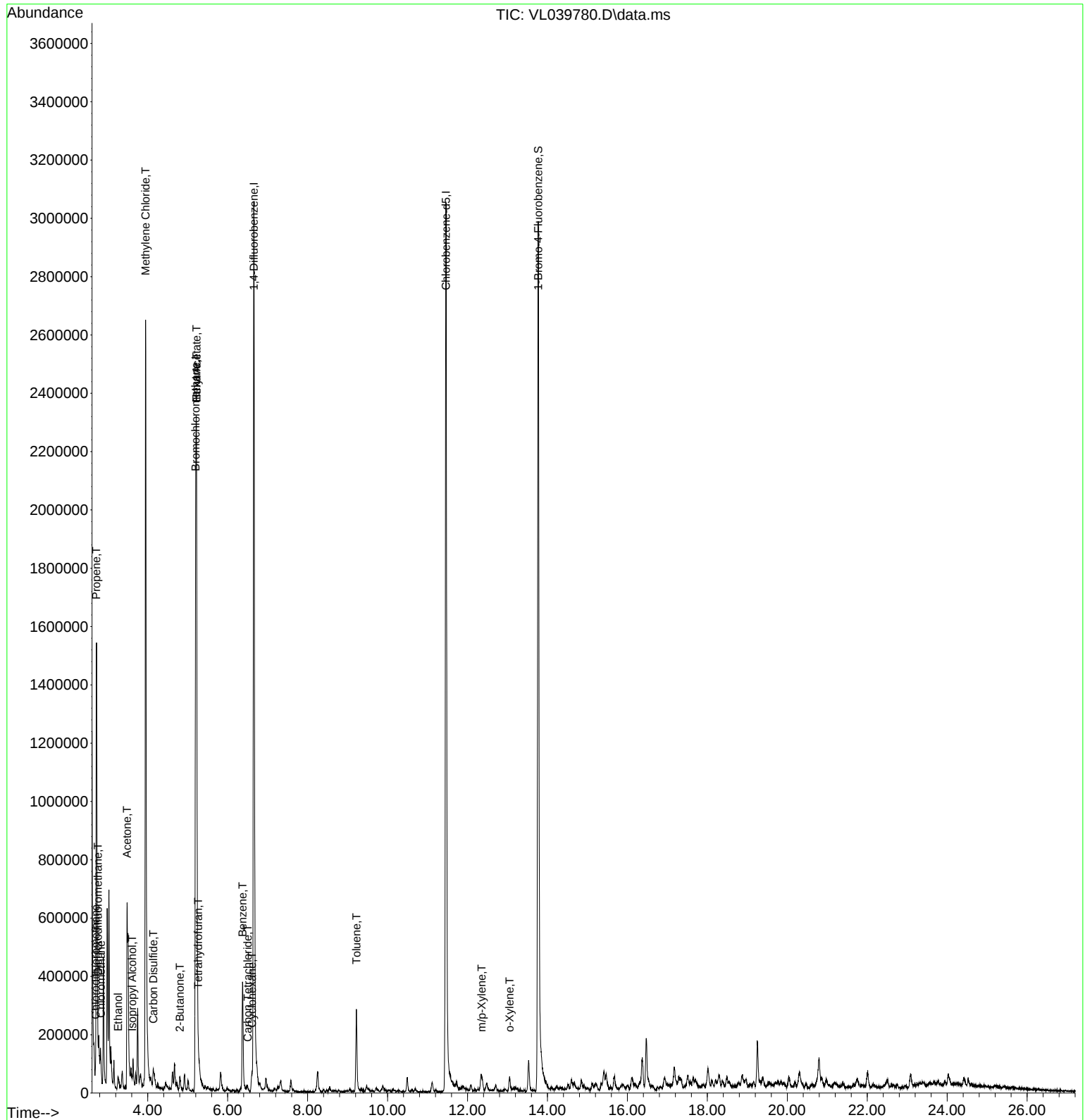
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039780.D
Acq On : 25 Oct 2022 6:08
Operator : SY/AP
Sample : N5227-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

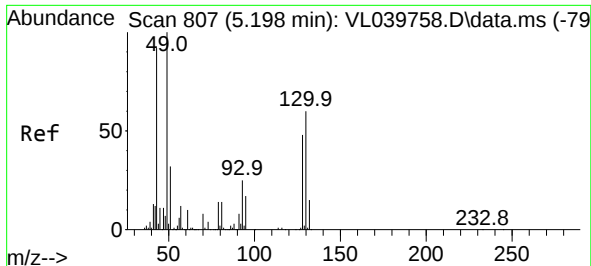
Instrument :
MSVOA_L
ClientSampleId :
F

Quant Time: Oct 27 16:46:35 2022
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QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

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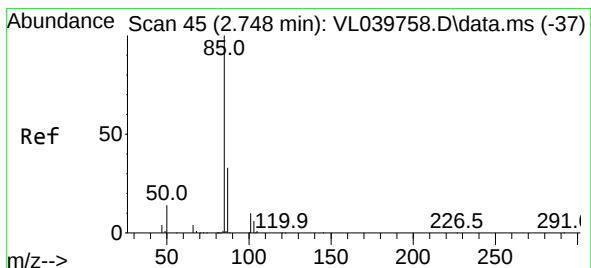
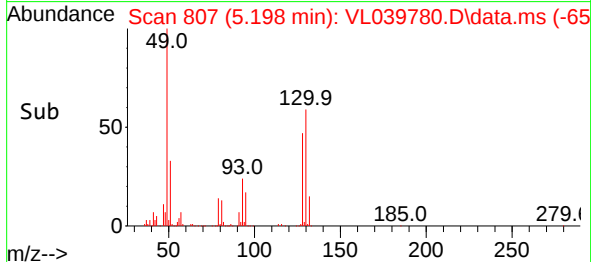
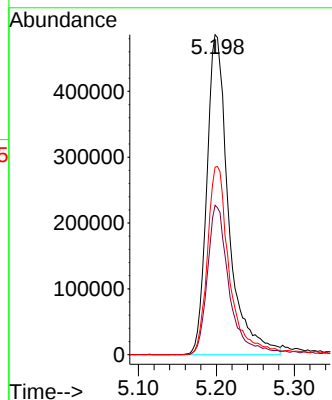
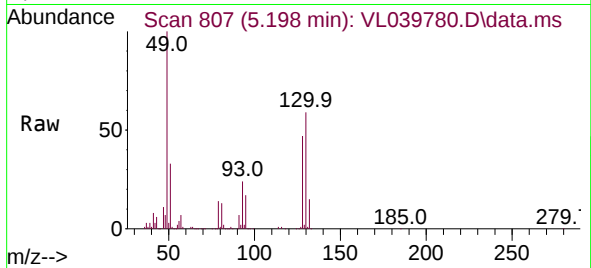
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

Instrument :
MSVOA_L
ClientSampleId :
F

Tgt Ion: 49 Resp: 945762
Ion Ratio Lower Upper
49 100
128 48.2 24.6 74.0
130 60.8 31.8 95.3

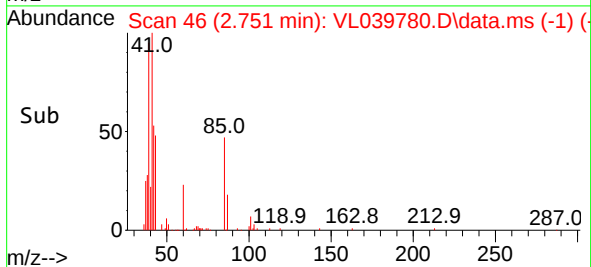
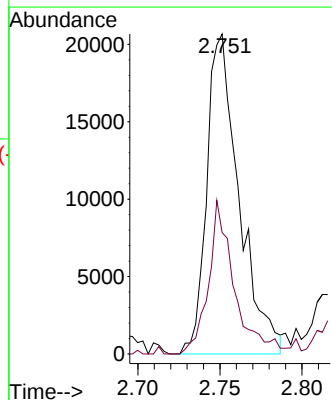
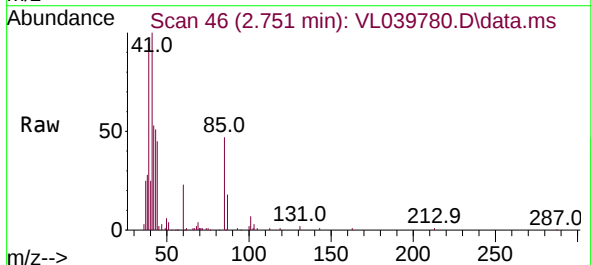
Manual Integrations
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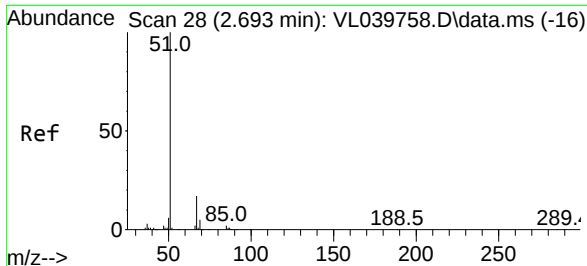
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 0.286 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

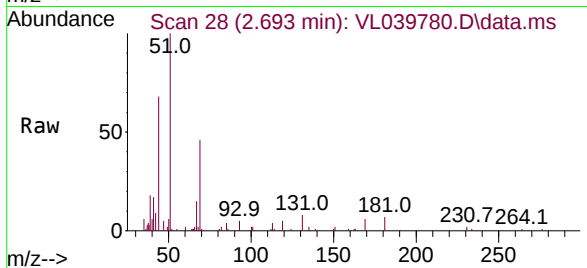
Tgt Ion: 85 Resp: 28326
Ion Ratio Lower Upper
85 100
87 37.0 26.1 39.1





#3
Chlorodifluoromethane
Concen: 0.398 ppbv
RT: 2.693 min Scan# 28
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

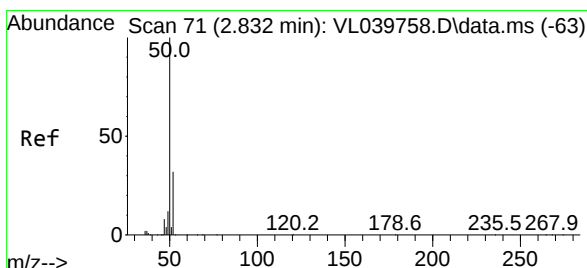
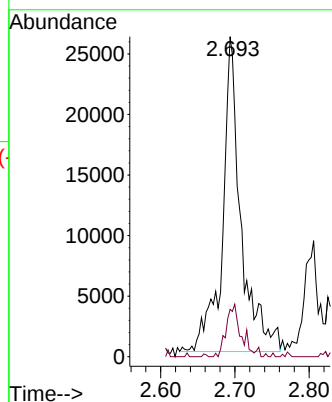
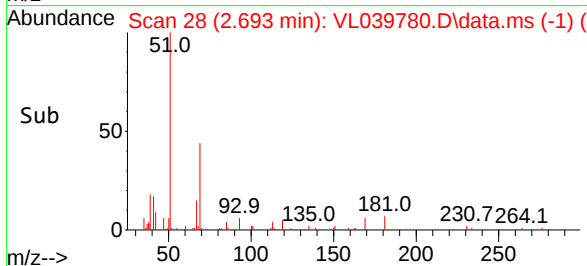
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 51 Resp: 45190
Ion Ratio Lower Upper
51 100
67 13.6 14.2 21.2

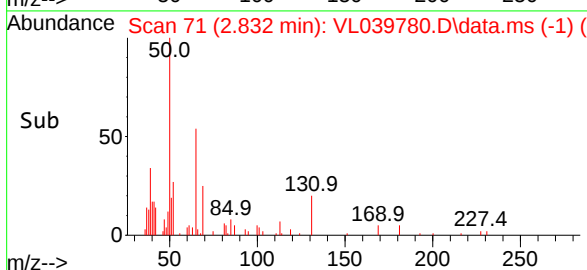
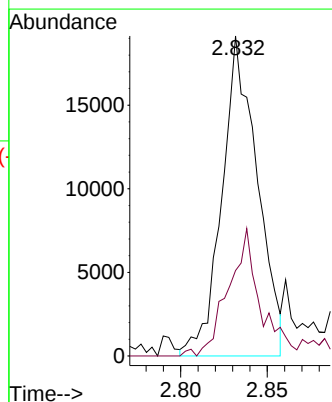
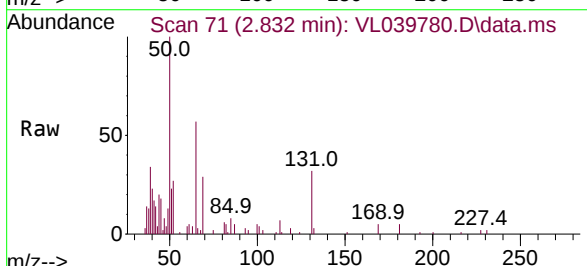
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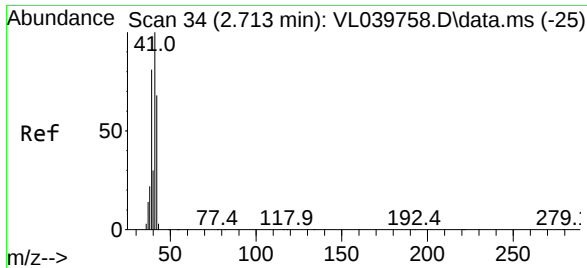
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#4
Chloromethane
Concen: 0.382 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

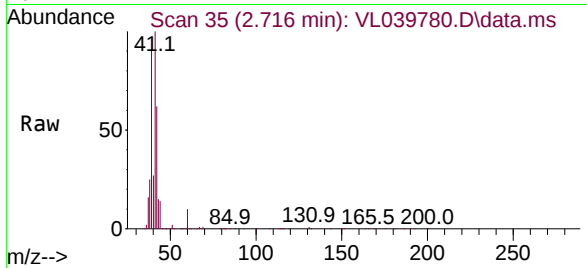
Tgt Ion: 50 Resp: 27177
Ion Ratio Lower Upper
50 100
52 27.2 25.9 38.9





#9
 Propene
 Concen: 14.007 ppbv
 RT: 2.716 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL039780.D
 Acq: 25 Oct 2022 6:08

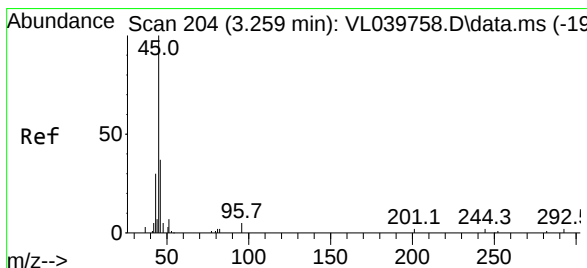
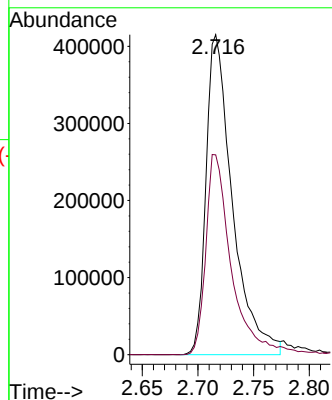
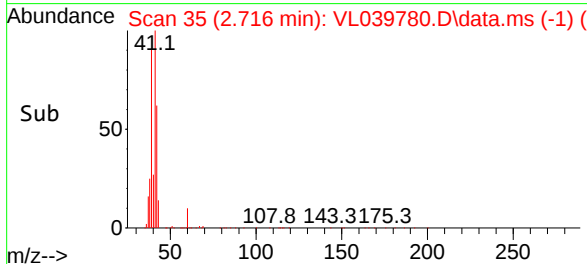
Instrument :
 MSVOA_L
 ClientSampleId :
 F



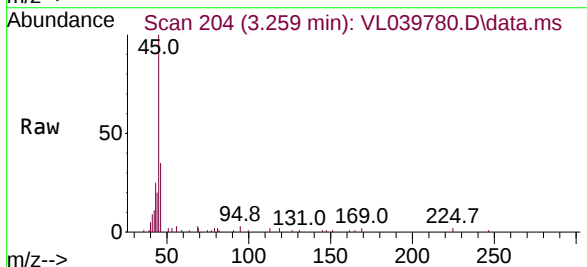
Tgt Ion: 41 Resp: 683739
 Ion Ratio Lower Upper
 41 100
 42 61.8 58.0 87.0

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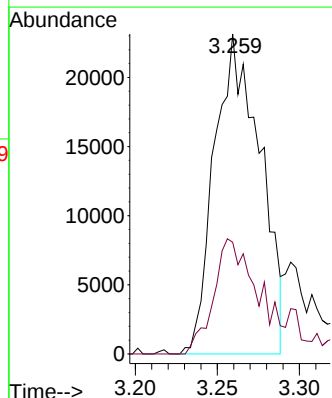
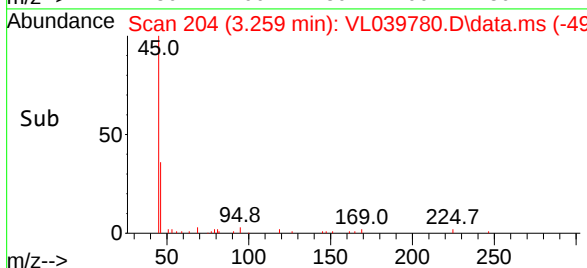
Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

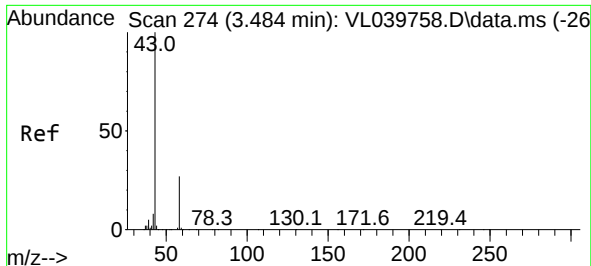


#13
 Ethanol
 Concen: 12.753 ppbv
 RT: 3.259 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VL039780.D
 Acq: 25 Oct 2022 6:08



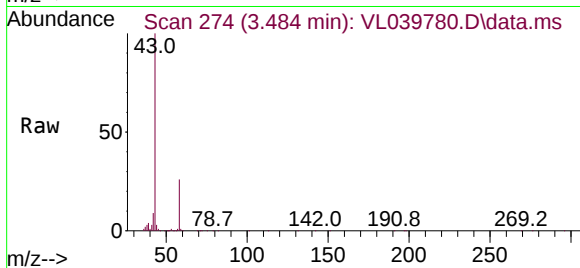
Tgt Ion: 45 Resp: 44707
 Ion Ratio Lower Upper
 45 100
 46 42.5 15.3 61.3





#15
Acetone
Concen: 7.222 ppbv
RT: 3.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

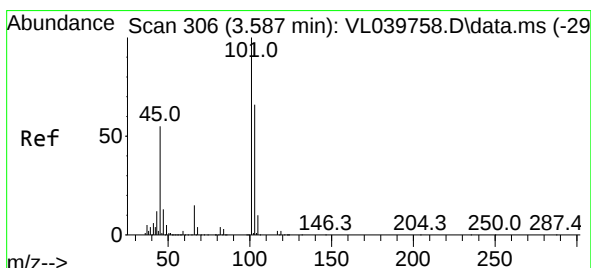
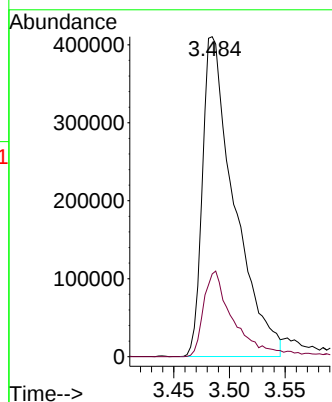
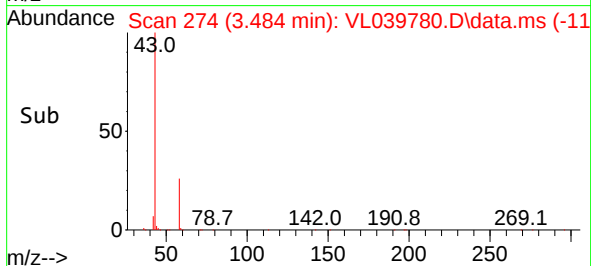
Instrument :
MSVOA_L
ClientSampleId :
F



Tgt Ion: 43 Resp: 815870
Ion Ratio Lower Upper
43 100
58 26.7 20.7 31.1

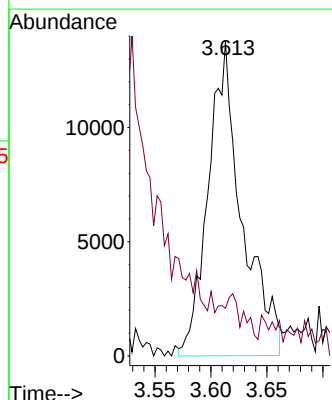
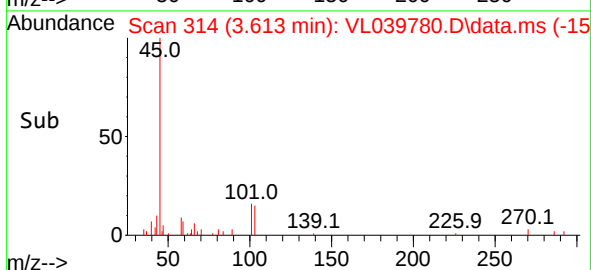
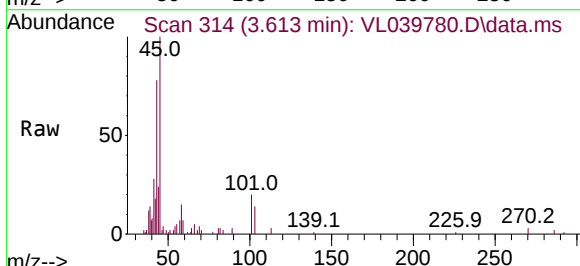
Manual Integrations
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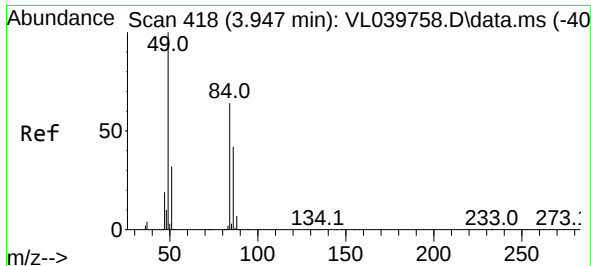
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#19
Isopropyl Alcohol
Concen: 0.544 ppbv m
RT: 3.613 min Scan# 314
Delta R.T. 0.026 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

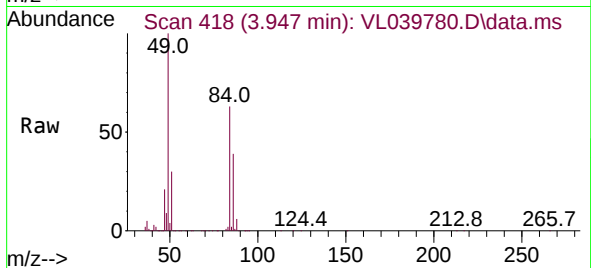
Tgt Ion: 45 Resp: 28815
Ion Ratio Lower Upper
45 100
58 0.0 2.8 4.2#





#20
Methylene Chloride
Concen: 22.413 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

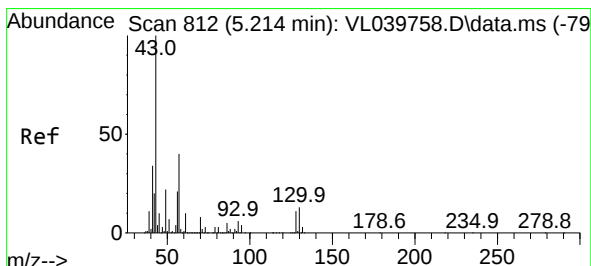
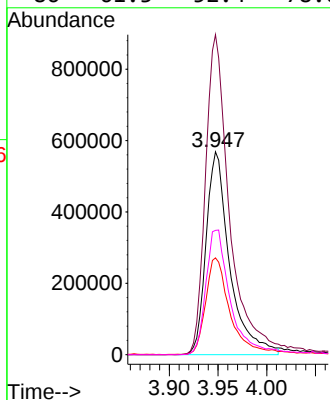
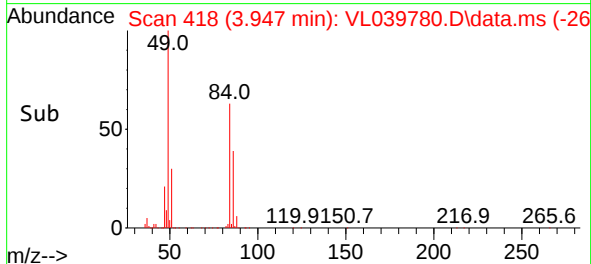
Instrument :
MSVOA_L
ClientSampleId :
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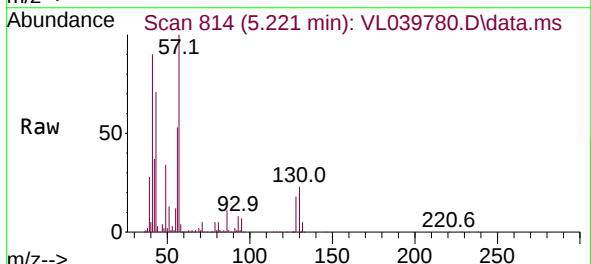
Tgt Ion: 84 Resp: 963252
Ion Ratio Lower Upper
84 100
49 157.7 126.0 189.0
51 47.5 40.9 61.3
86 61.3 52.4 78.6

Manual Integrations
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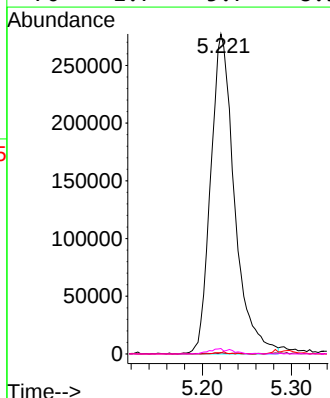
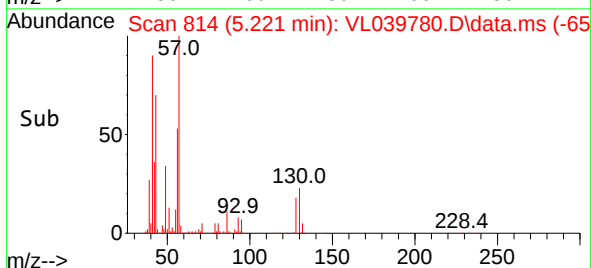
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

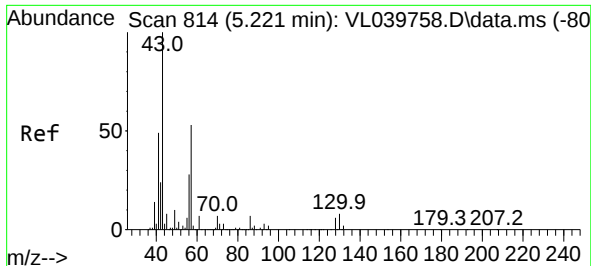


#25
Ethyl Acetate
Concen: 2.334 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08



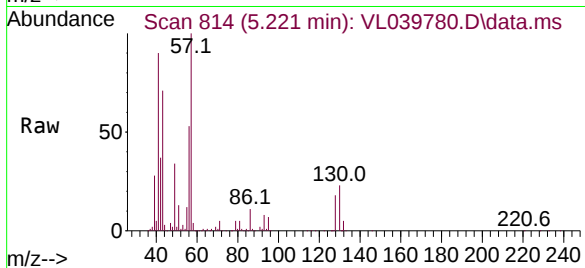
Tgt Ion: 43 Resp: 515555
Ion Ratio Lower Upper
43 100
45 0.3 8.2 12.2#
61 0.3 8.2 12.4#
70 1.7 5.7 8.5#





#26
Hexane
Concen: 7.883 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

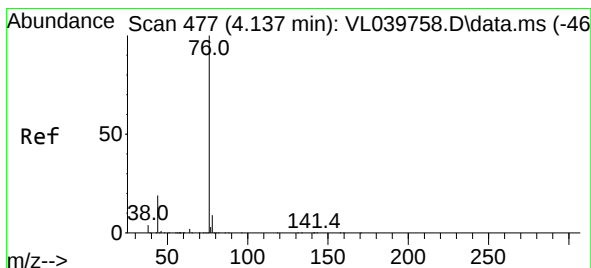
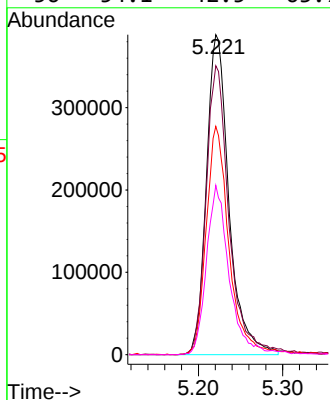
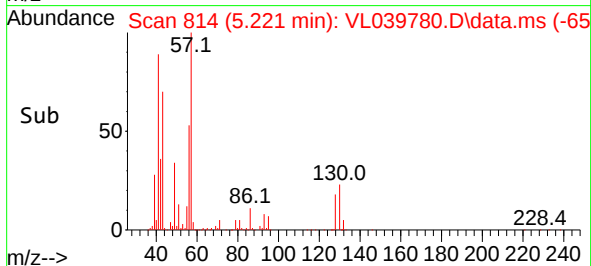
Instrument :
MSVOA_L
ClientSampleId :
F



Tgt Ion: 57 Resp: 72392
Ion Ratio Lower Upper
57 100
41 93.5 76.1 114.1
43 73.2 197.1 295.7
56 54.1 42.5 63.7

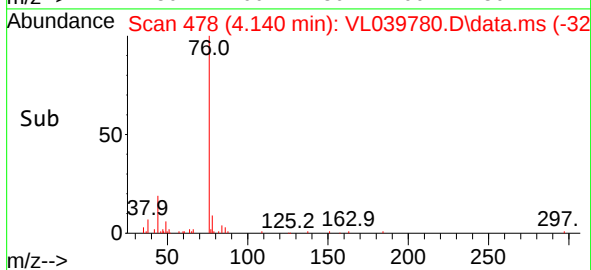
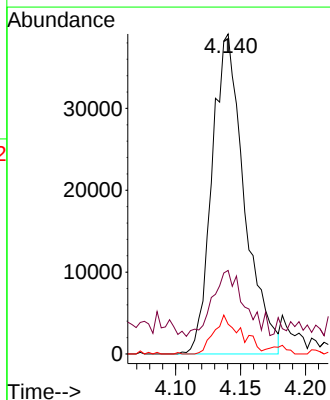
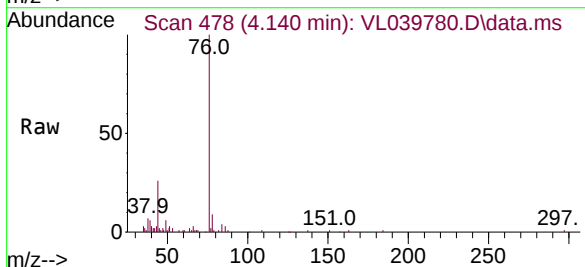
Manual Integrations
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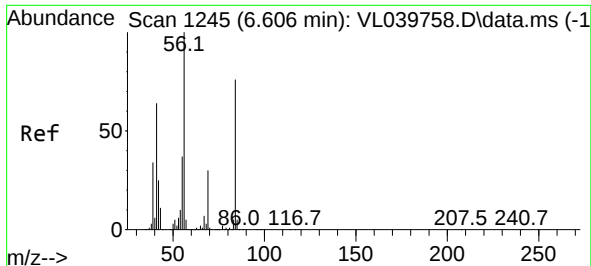
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#27
Carbon Disulfide
Concen: 0.620 ppbv
RT: 4.140 min Scan# 478
Delta R.T. 0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

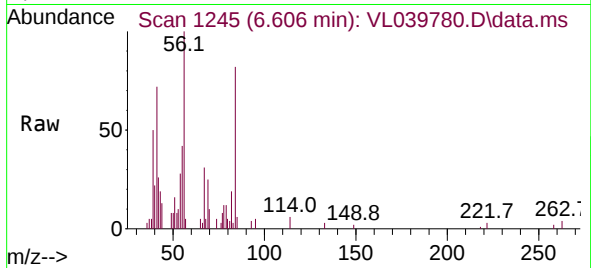
Tgt Ion: 76 Resp: 67595
Ion Ratio Lower Upper
76 100
44 23.0 16.6 25.0
78 11.6 7.6 11.4





#30
Cyclohexane
Concen: 0.142 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

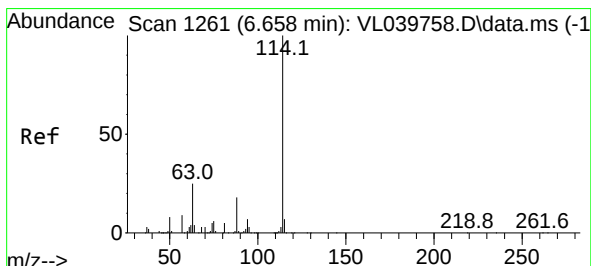
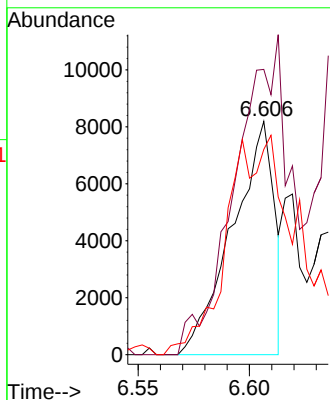
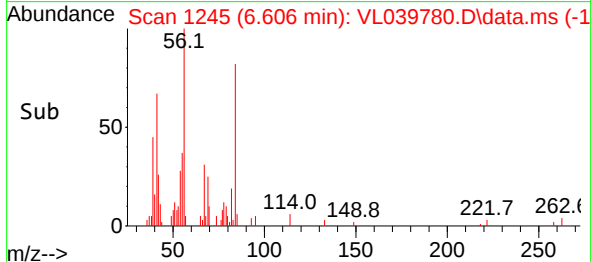
Instrument :
MSVOA_L
ClientSampleId :
F



Tgt Ion: 84 Resp: 1068
Ion Ratio Lower Upper
84 100
56 191.6 111.8 167.6
41 183.8 71.5 107.3

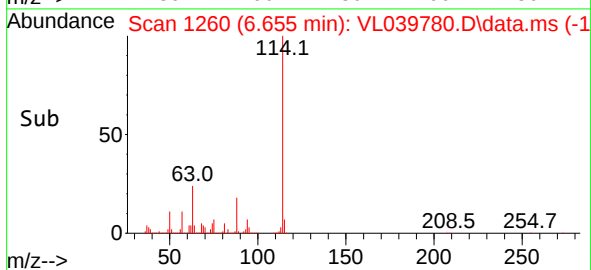
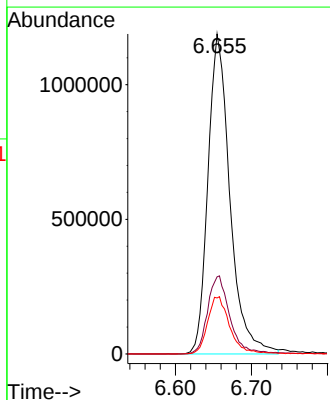
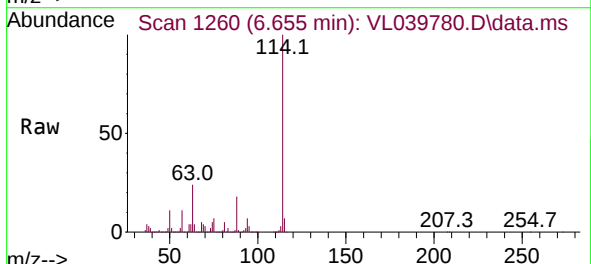
Manual Integrations
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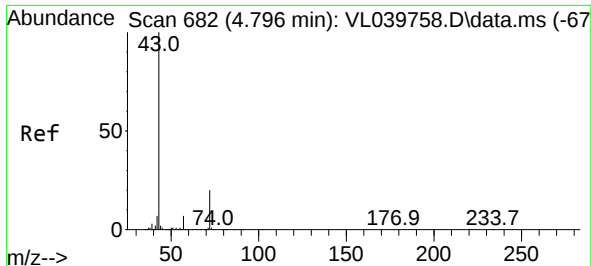
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

Tgt Ion:114 Resp: 2381121
Ion Ratio Lower Upper
114 100
63 25.0 20.1 30.1
88 18.3 14.5 21.7





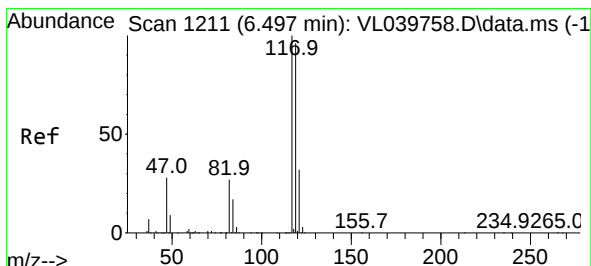
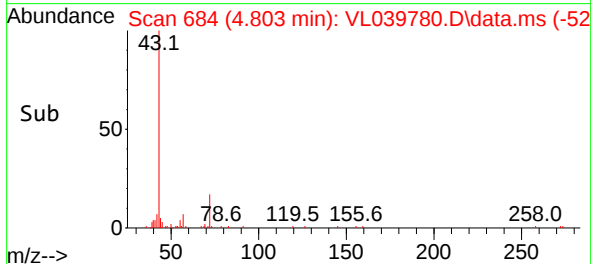
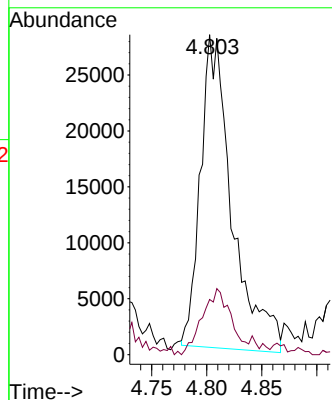
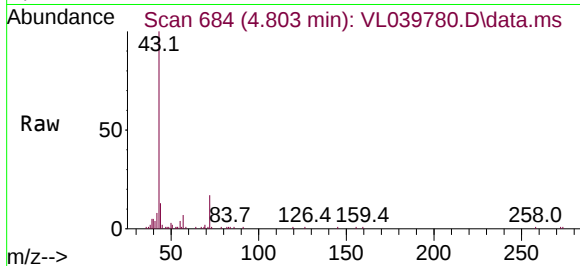
#34
2-Butanone
Concen: 0.498 ppbv m
RT: 4.803 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

Instrument :
MSVOA_L
ClientSampleId :
F

Tgt Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
72 24.7 16.5 24.7

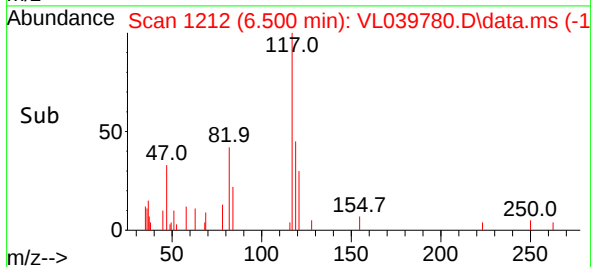
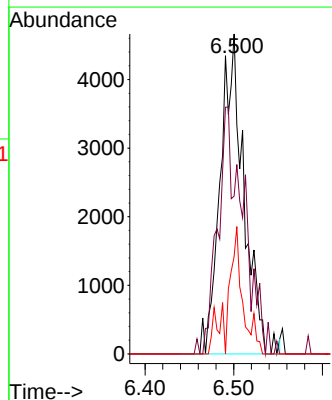
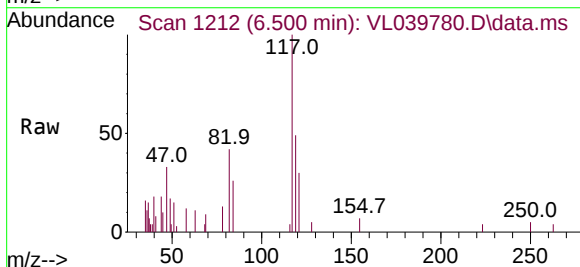
Manual Integrations
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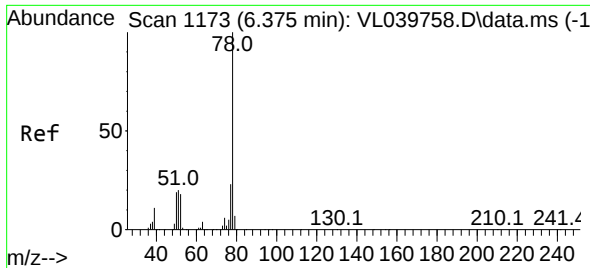
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#35
Carbon Tetrachloride
Concen: 0.063 ppbv m
RT: 6.500 min Scan# 1212
Delta R.T. 0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

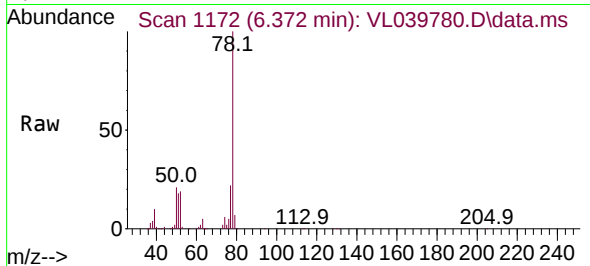
Tgt Ion:117 Resp: 8557
Ion Ratio Lower Upper
117 100
119 49.4 76.6 115.0#
121 30.4 25.3 37.9





#36
Benzene
Concen: 1.782 ppbv
RT: 6.372 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

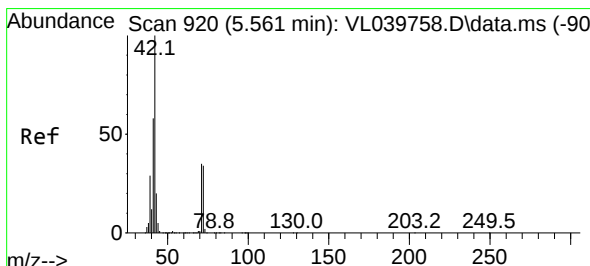
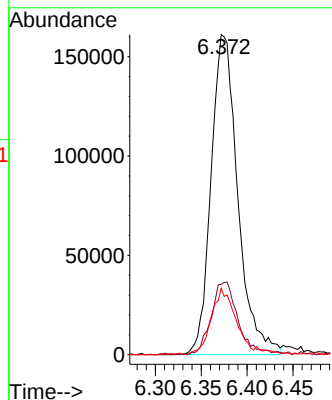
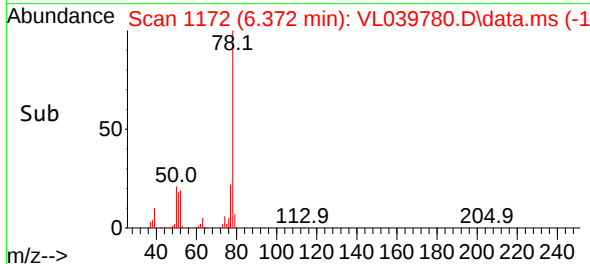
Instrument :
MSVOA_L
ClientSampleId :
F



Tgt Ion: 78 Resp: 32686
Ion Ratio Lower Upper
78 100
77 21.8 18.3 27.5
50 20.3 15.2 22.8

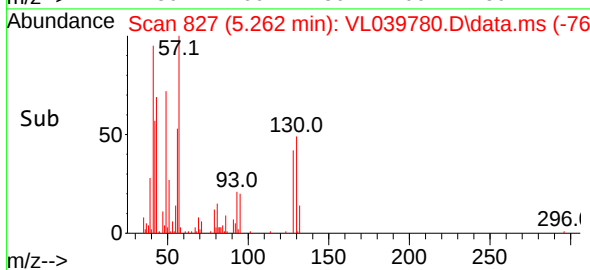
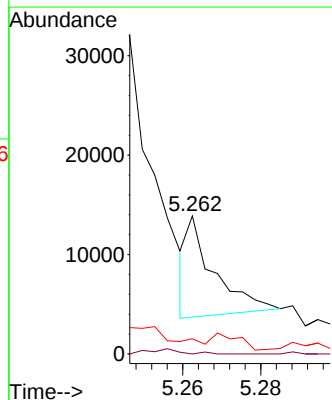
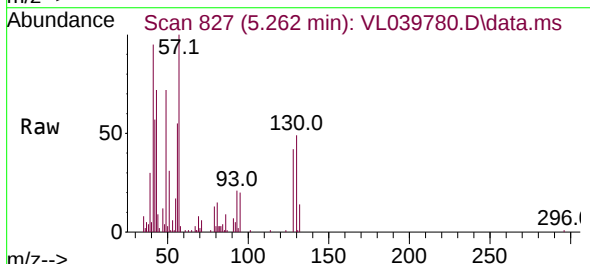
Manual Integrations
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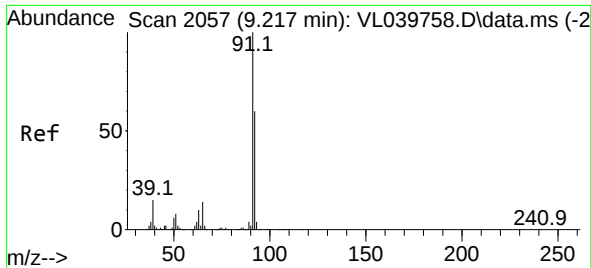
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#41
Tetrahydrofuran
Concen: 0.071 ppbv
RT: 5.262 min Scan# 827
Delta R.T. -0.299 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

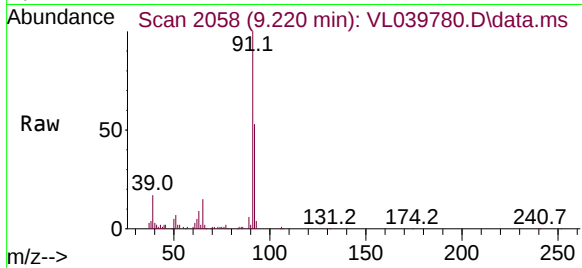
Tgt Ion: 42 Resp: 4927
Ion Ratio Lower Upper
42 100
72 4.2 29.9 44.9#
71 0.0 29.2 43.8#





#53
Toluene
Concen: 1.035 ppbv
RT: 9.220 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

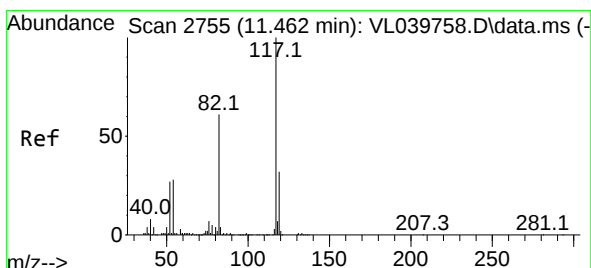
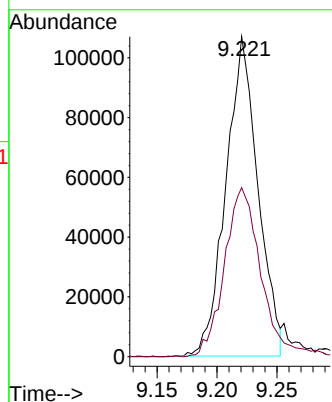
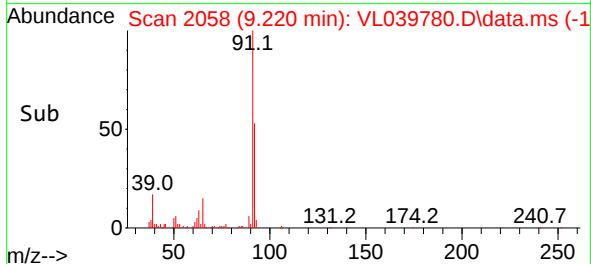
Instrument :
MSVOA_L
Client Sample Id :
F



Tgt Ion: 91 Resp: 198780
Ion Ratio Lower Upper
91 100
92 61.3 48.0 72.0

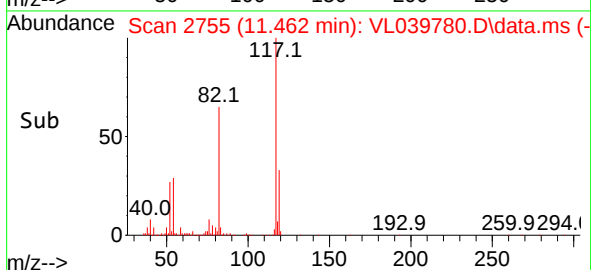
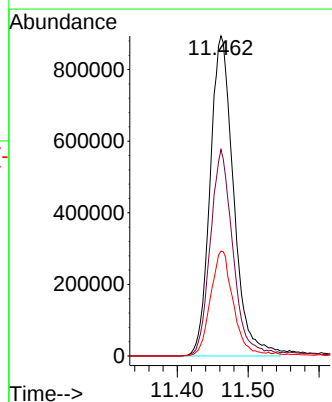
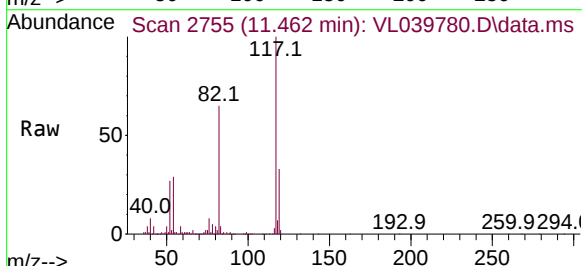
Manual Integrations
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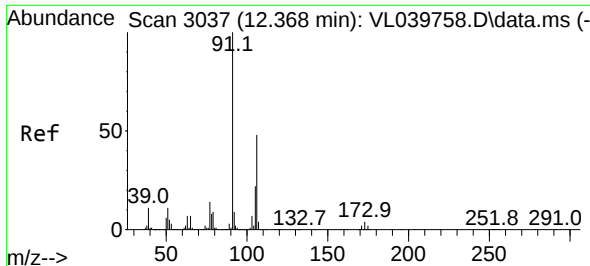
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.000 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

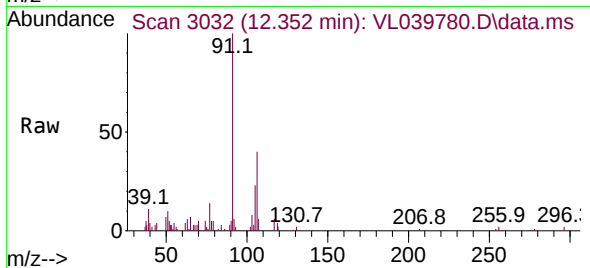
Tgt Ion:117 Resp: 2058807
Ion Ratio Lower Upper
117 100
82 63.8 49.9 74.9
119 32.6 25.2 37.8





#59
m/p-Xylene
Concen: 0.273 ppbv m
RT: 12.352 min Scan# 3037
Delta R.T. -0.016 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

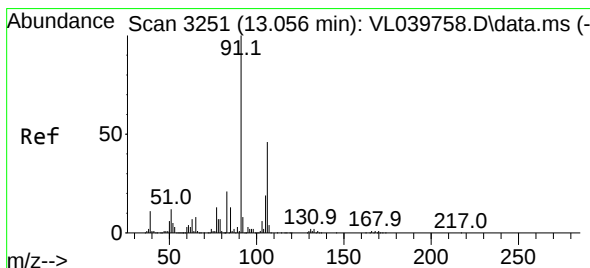
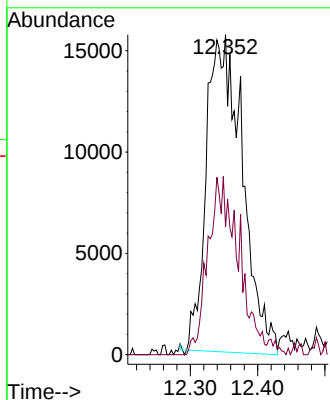
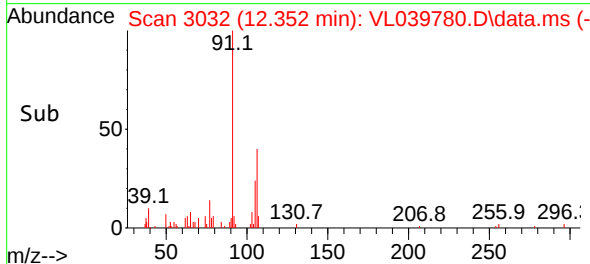
Instrument :
MSVOA_L
ClientSampleId :
F



Tgt Ion: 91 Resp: 57874
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6

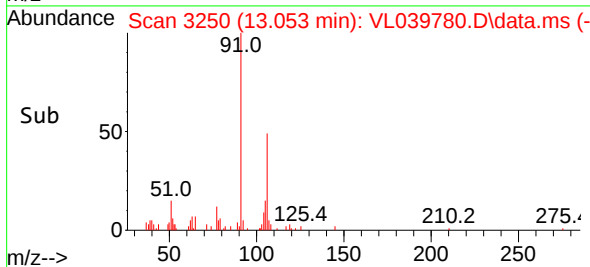
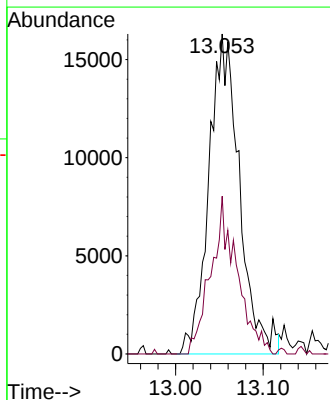
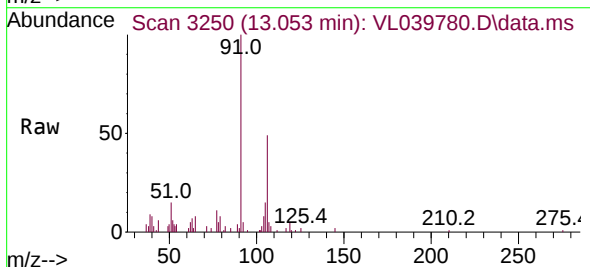
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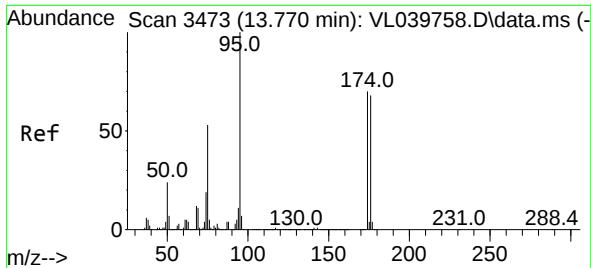
Reviewed By :Semsettin Yesilyurt 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
o-Xylene
Concen: 0.199 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. -0.003 min
Lab File: VL039780.D
Acq: 25 Oct 2022 6:08

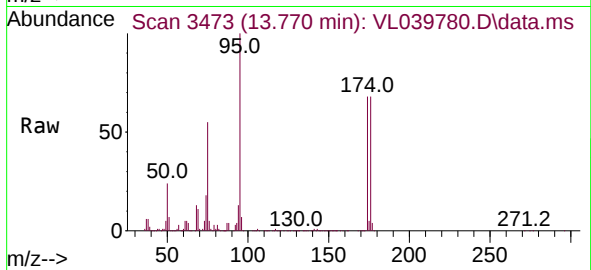
Tgt Ion: 91 Resp: 39461
Ion Ratio Lower Upper
91 100
106 42.7 22.9 68.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.792 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.000 min
 Lab File: VL039780.D
 Acq: 25 Oct 2022 6:08

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1434128
 Ion Ratio Lower Upper
 95 100
 174 75.8 57.3 85.9
 175 5.7 4.2 6.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

