

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039731.D
 Acq On : 17 Oct 2022 22:33
 Operator : SY/AP
 Sample : N5169-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 05:30:46 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.230	49	1157294	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	3082371	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2661929	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1925320	9.689	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						Qvalue
9) Propene	2.738	41	18891m	0.301	ppbv	
13) Ethanol	3.307	45	3676m	0.769	ppbv	
15) Acetone	3.520	43	69913	0.543	ppbv	92
20) Methylene Chloride	3.976	84	24610	0.413	ppbv	95
26) Hexane	5.256	57	22011m	0.185	ppbv	
35) Carbon Tetrachloride	6.529	117	28949m	0.177	ppbv	
38) Trichloroethene	7.327	130	26492	0.208	ppbv #	82
53) Toluene	9.253	91	56940m	0.217	ppbv	
59) m/p-Xylene	12.381	91	60491m	0.221	ppbv	
74) 1,2,4-Trimethylbenzene	16.137	105	64627m	0.212	ppbv	

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

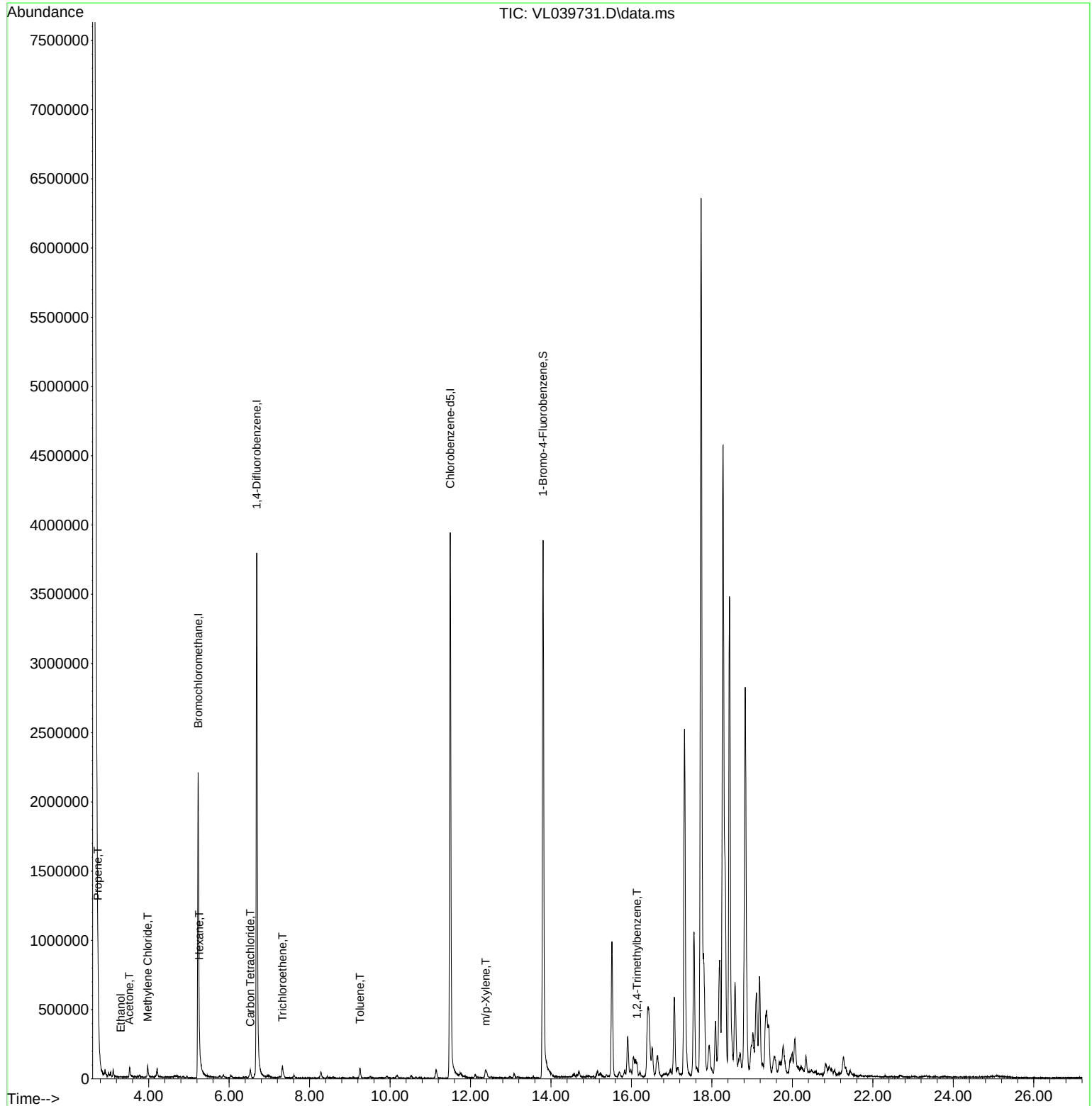
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039731.D
Acq On : 17 Oct 2022 22:33
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Sample : N5169-04DL 20X
Misc : 400mL/MSVOA_L
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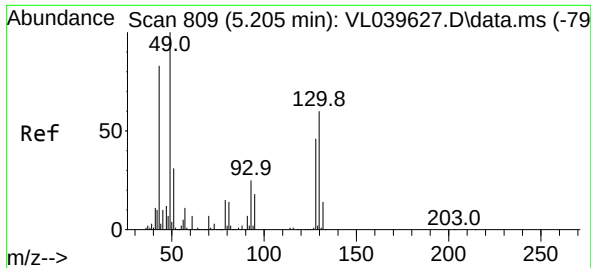
Instrument :
MSVOA_L
ClientSampleId :
SV4DL

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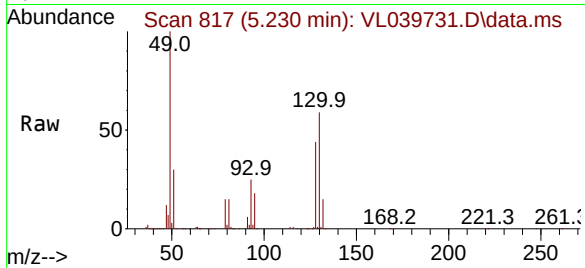
Quant Time: Oct 18 05:30:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

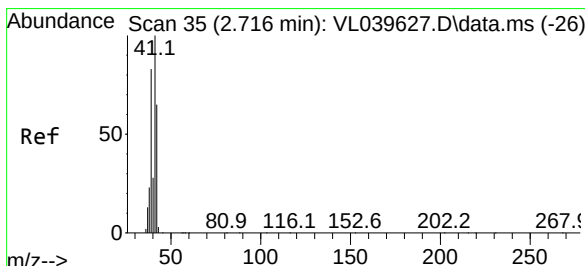
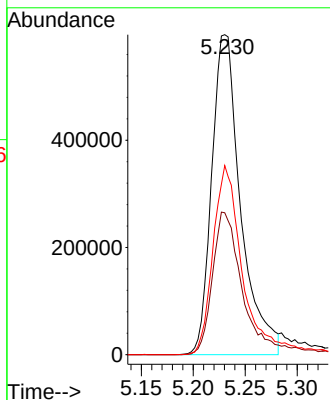
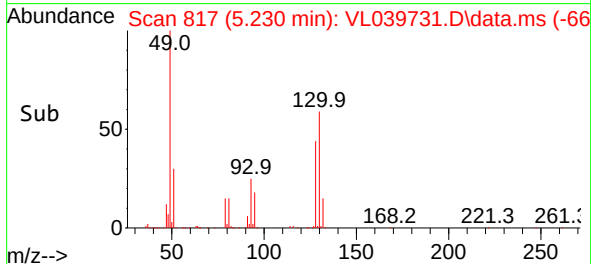
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



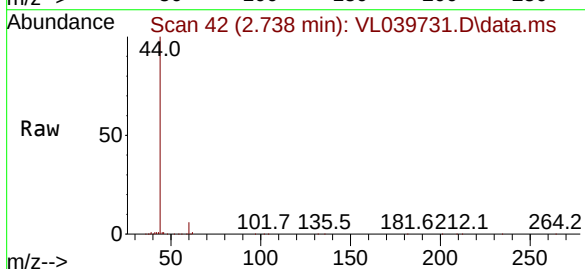
Tgt Ion: 49 Resp: 1157294
Ion Ratio Lower Upper
49 100
128 48.2 26.7 80.0
130 63.3 34.3 102.8

Manual Integrations
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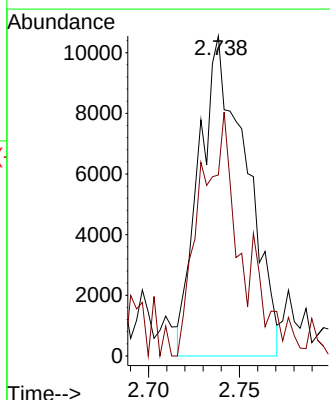
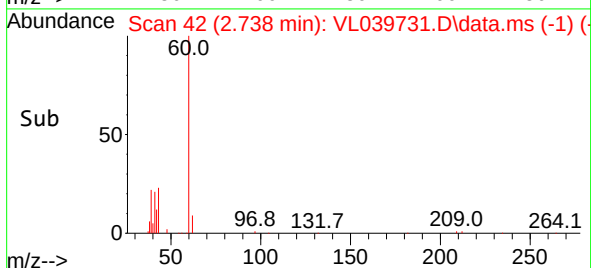
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

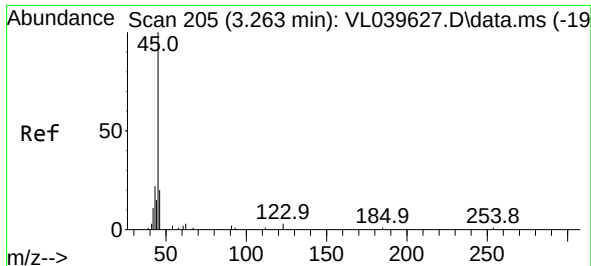


#9
Propene
Concen: 0.301 ppbv m
RT: 2.738 min Scan# 42
Delta R.T. 0.006 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33



Tgt Ion: 41 Resp: 18891
Ion Ratio Lower Upper
41 100
42 82.0 55.2 82.8





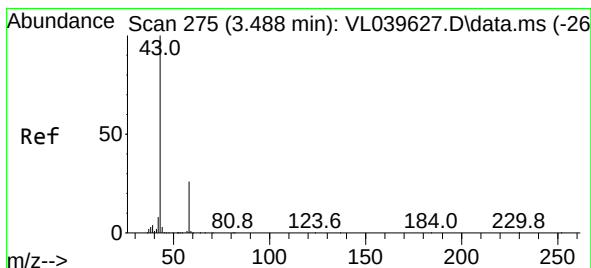
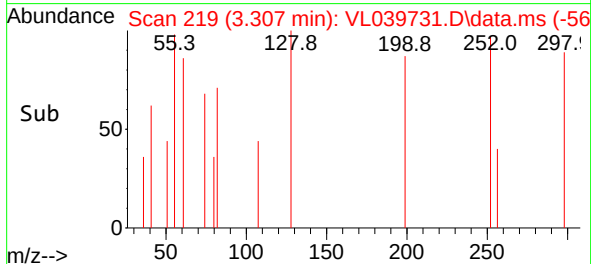
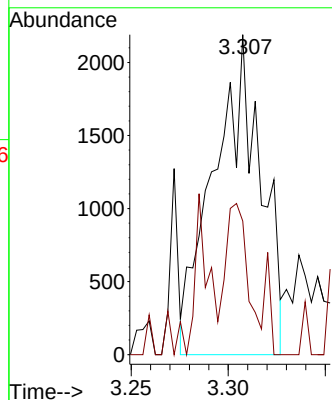
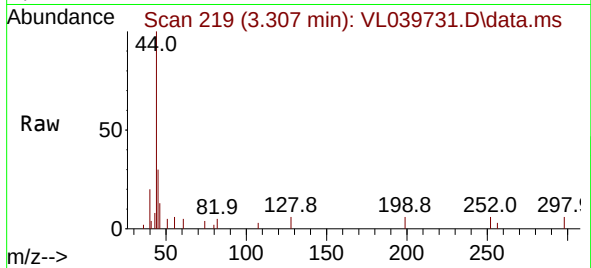
#13
Ethanol
Concen: 0.769 ppbv m
RT: 3.307 min Scan# 219
Delta R.T. 0.026 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

Instrument :
MSVOA_L
ClientSampleId :
SV4DL

Tgt Ion: 45 Resp: 3670
Ion Ratio Lower Upper
45 100
46 44.2 22.8 91.2

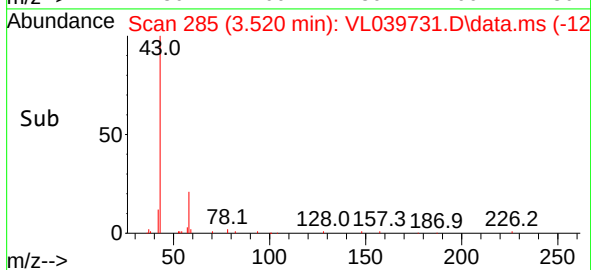
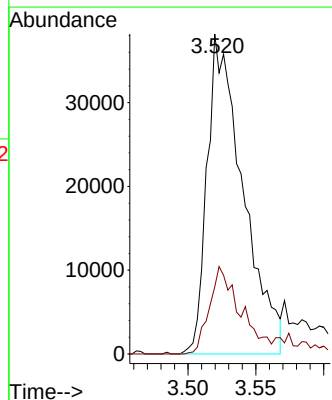
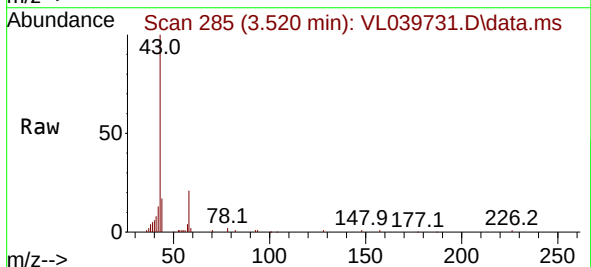
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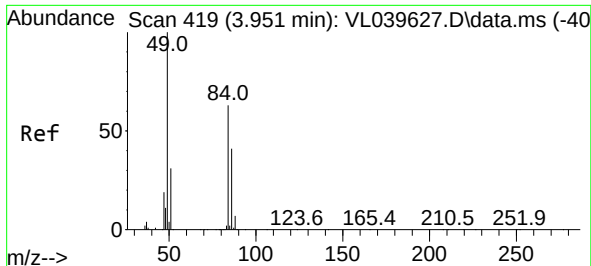
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#15
Acetone
Concen: 0.543 ppbv
RT: 3.520 min Scan# 285
Delta R.T. 0.016 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

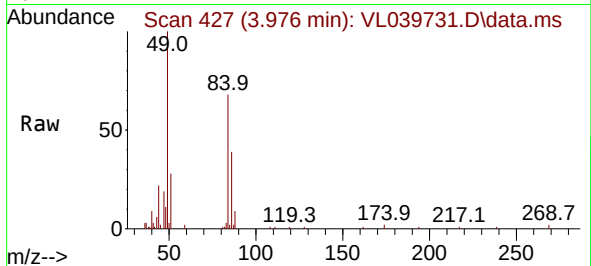
Tgt Ion: 43 Resp: 69913
Ion Ratio Lower Upper
43 100
58 30.2 21.0 31.6





#20
Methylene Chloride
Concen: 0.413 ppbv
RT: 3.976 min Scan# 419
Delta R.T. 0.006 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

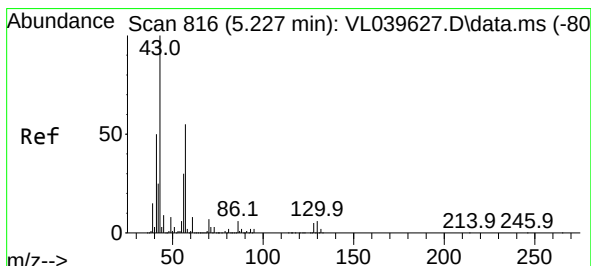
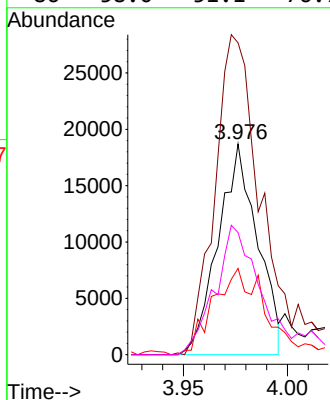
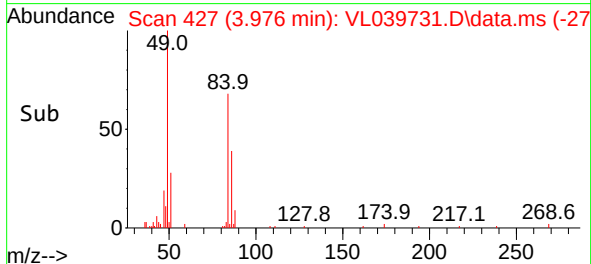
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



Tgt Ion: 84 Resp: 24610
Ion Ratio Lower Upper
84 100
49 147.2 123.1 184.7
51 40.9 34.4 51.6
86 58.0 51.1 76.7

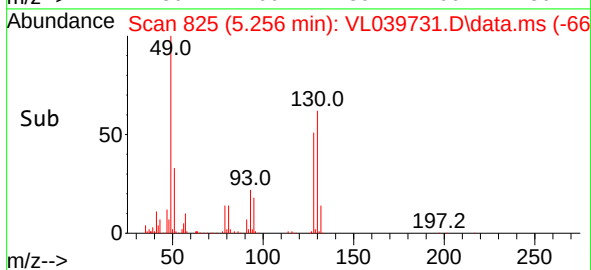
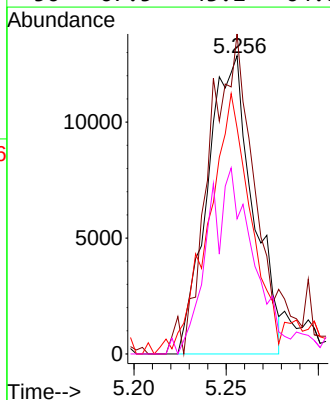
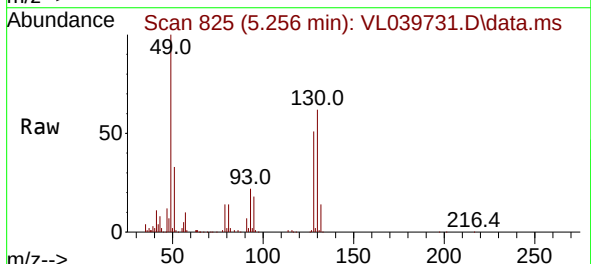
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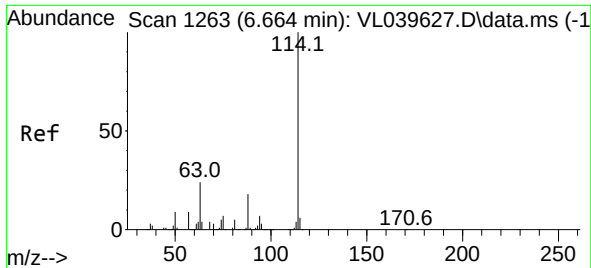
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#26
Hexane
Concen: 0.185 ppbv m
RT: 5.256 min Scan# 825
Delta R.T. 0.009 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

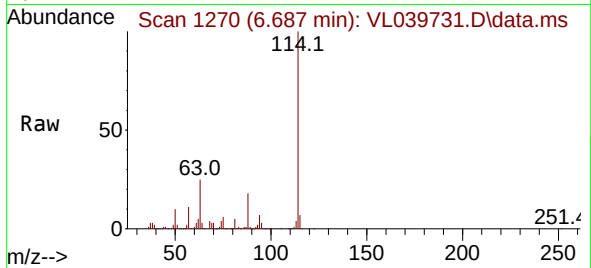
Tgt Ion: 57 Resp: 22011
Ion Ratio Lower Upper
57 100
41 123.7 76.9 115.3#
43 90.6 191.0 286.6#
56 67.5 43.2 64.8#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

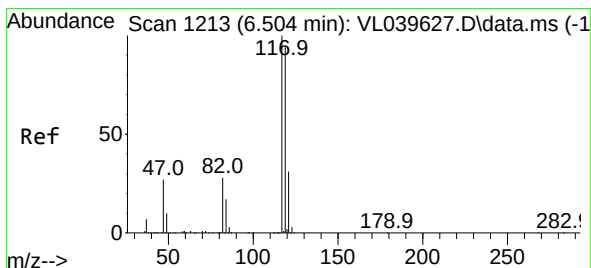
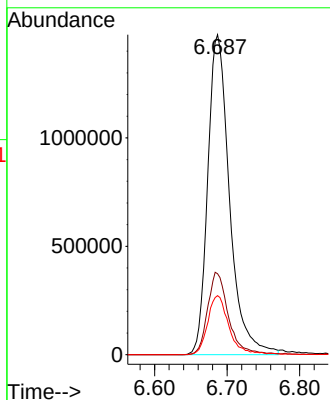
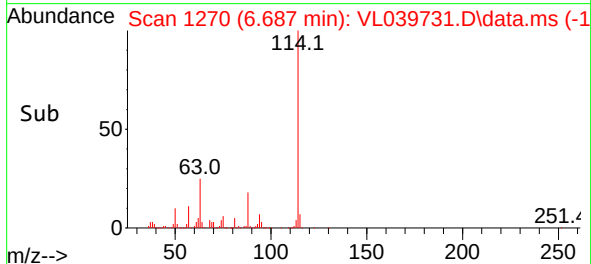
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



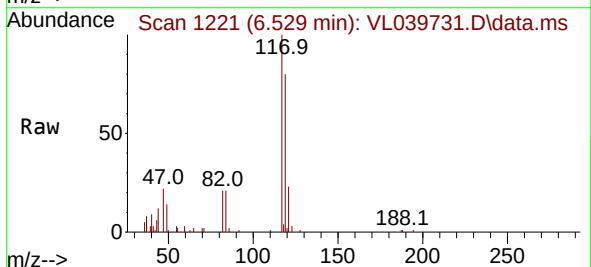
Tgt Ion:114 Resp: 308237
Ion Ratio Lower Upper
114 100
63 24.9 20.2 30.4
88 18.2 14.5 21.7

Manual Integrations
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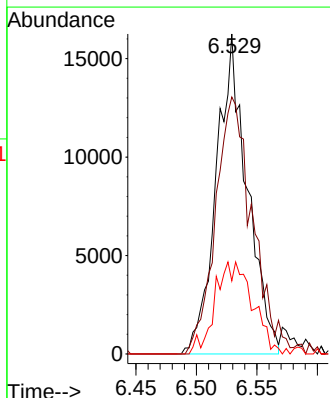
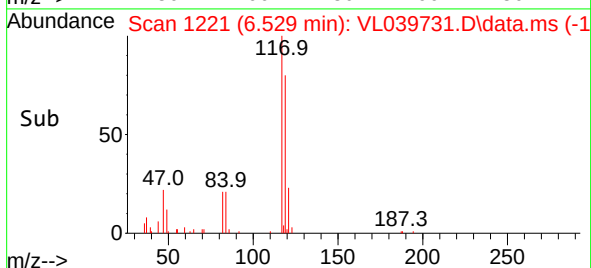
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

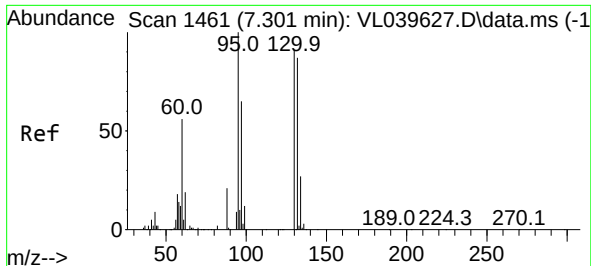


#35
Carbon Tetrachloride
Concen: 0.177 ppbv m
RT: 6.529 min Scan# 1221
Delta R.T. 0.003 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33



Tgt Ion:117 Resp: 28949
Ion Ratio Lower Upper
117 100
119 80.3 75.4 113.2
121 22.9 24.2 36.2#





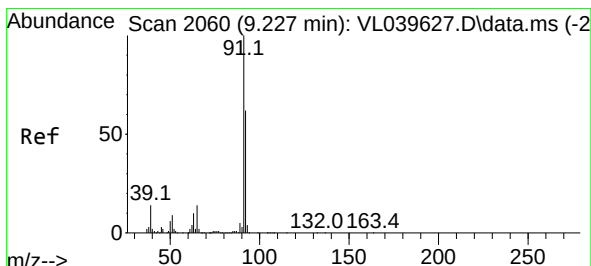
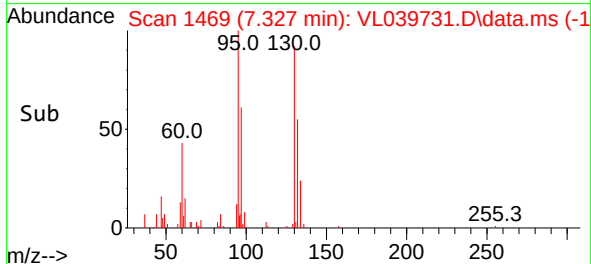
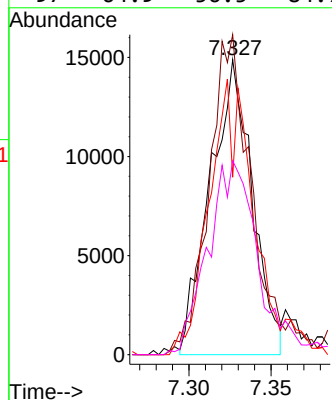
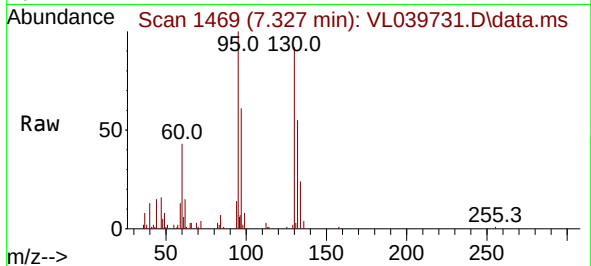
#38
 Trichloroethene
 Concen: 0.208 ppbv
 RT: 7.327 min Scan# 1469
 Delta R.T. 0.003 min
 Lab File: VL039731.D
 Acq: 17 Oct 2022 22:33

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL

Tgt Ion:	130	Resp:	2649
Ion	Ratio	Lower	Upper
130	100		
95	105.9	87.3	130.9
132	53.2	76.7	115.1
97	64.9	56.5	84.7

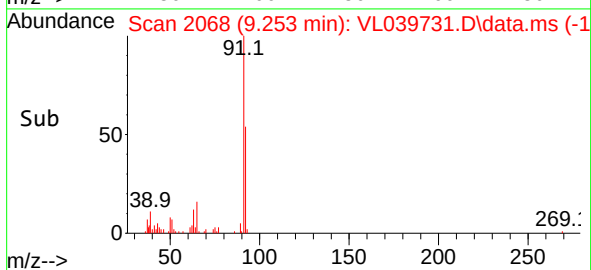
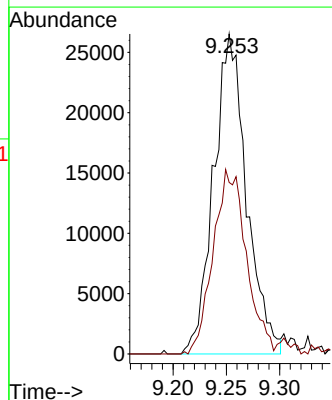
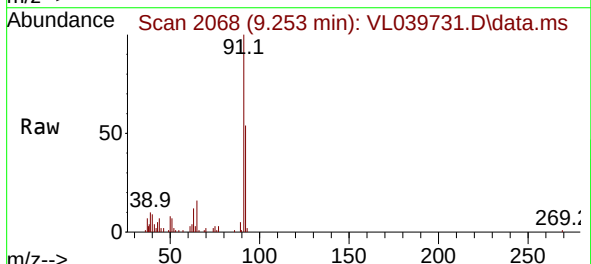
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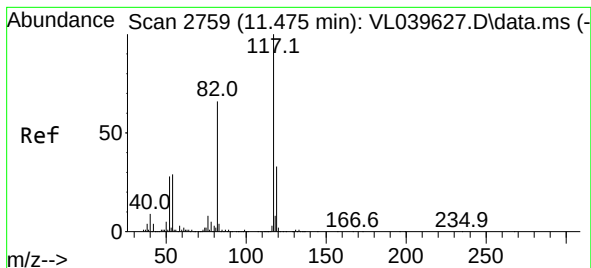
Reviewed By :Semsettin Yesilyurt 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#53
 Toluene
 Concen: 0.217 ppbv m
 RT: 9.253 min Scan# 2068
 Delta R.T. 0.003 min
 Lab File: VL039731.D
 Acq: 17 Oct 2022 22:33

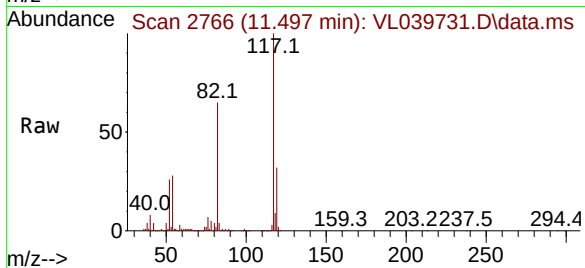
Tgt Ion:	91	Resp:	56940
Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.2	72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

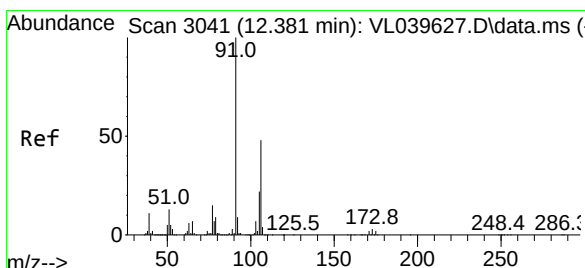
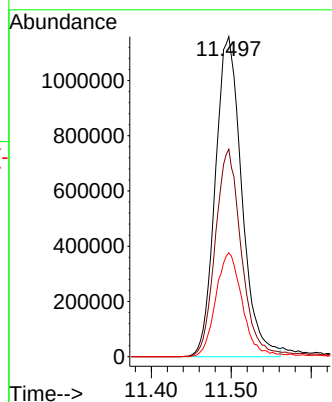
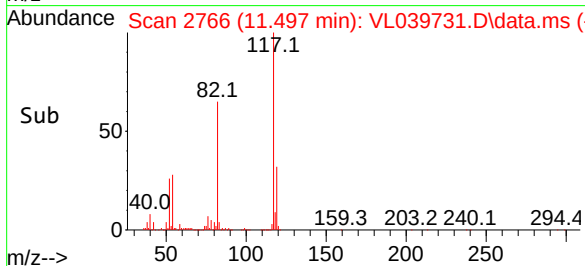
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



Tgt Ion: 117 Resp: 2661929
Ion Ratio Lower Upper
117 100
82 65.9 50.8 76.2
119 33.5 24.1 36.1

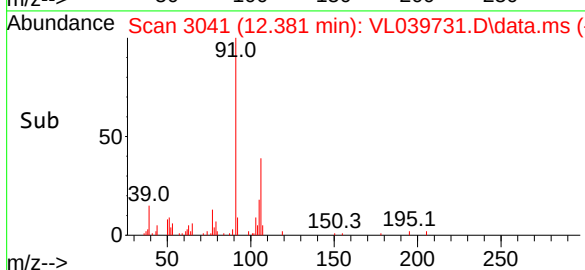
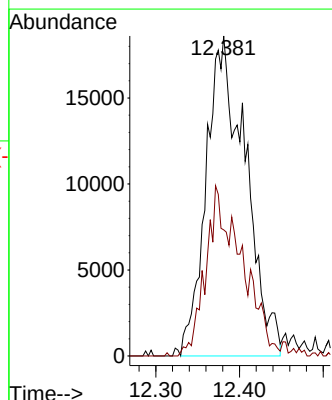
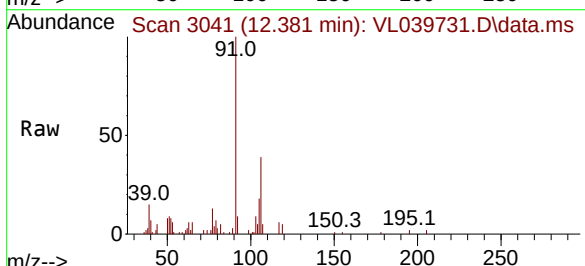
Manual Integrations
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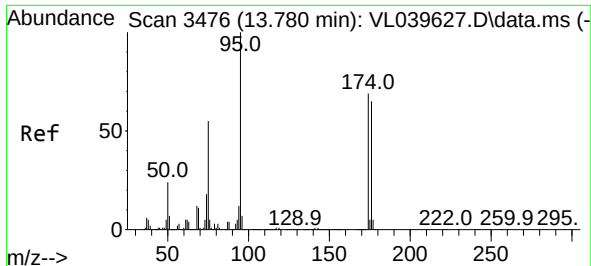
Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#59
m/p-Xylene
Concen: 0.221 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.020 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

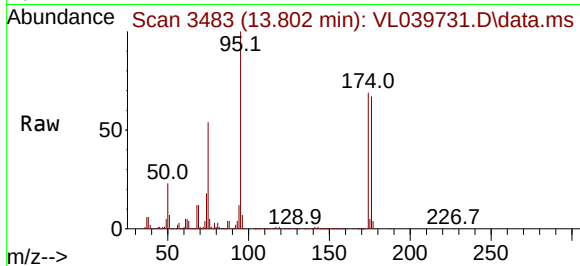
Tgt Ion: 91 Resp: 60491
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.689 ppbv
RT: 13.802 min Scan# 3476
Delta R.T. 0.003 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33

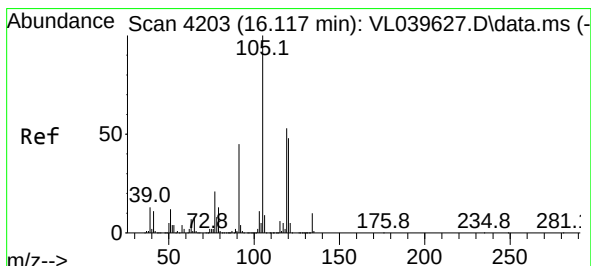
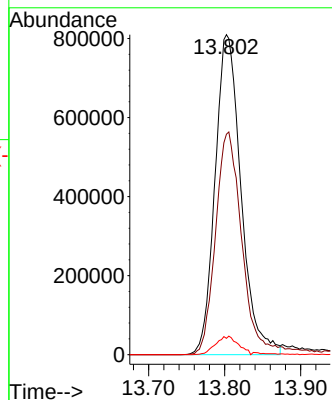
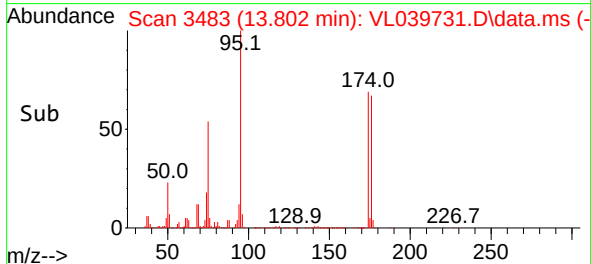
Instrument :
MSVOA_L
ClientSampleId :
SV4DL



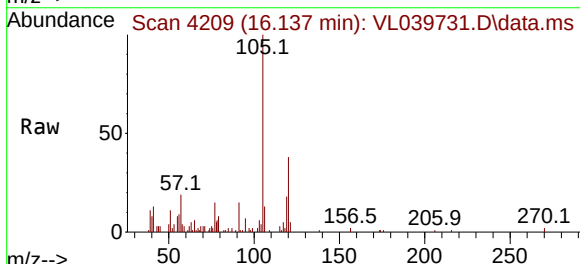
Tgt Ion: 95 Resp: 1925320
Ion Ratio Lower Upper
95 100
174 73.6 55.9 83.9
175 5.5 4.2 6.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.212 ppbv m
RT: 16.137 min Scan# 4209
Delta R.T. 0.003 min
Lab File: VL039731.D
Acq: 17 Oct 2022 22:33



Tgt Ion:105 Resp: 64627
Ion Ratio Lower Upper
105 100
120 37.7 39.5 59.3#
91 14.6 39.2 58.8#
77 14.9 17.2 25.8#

