

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041412.D
 Acq On : 26 Jul 2024 8:43
 Operator : SY/MD
 Sample : P3320-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:45:47 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	976357	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2652465	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2455657	10.000	ppbv	#-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1801962	9.535	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.710	85	45911	0.273	ppbv	96
3) Chlorodifluoromethane	2.655	51	47321m	0.407	ppbv	
4) Chloromethane	2.790	50	37103	0.600	ppbv	96
9) Propene	2.681	41	26492	0.496	ppbv #	74
11) Trichlorofluoromethane	3.546	101	34521	0.231	ppbv	92
13) Ethanol	3.221	45	209340	43.866	ppbv	96
15) Acetone	3.446	43	595273	5.366	ppbv	99
19) Isopropyl Alcohol	3.565	45	158887	2.450	ppbv #	93
20) Methylene Chloride	3.912	84	1306217	31.576	ppbv	97
26) Hexane	5.195	57	681833	7.458	ppbv #	39
34) 2-Butanone	4.777	43	36383	0.284	ppbv	95
35) Carbon Tetrachloride	6.478	117	10018m	0.068	ppbv	
36) Benzene	6.353	78	25138m	0.130	ppbv	
53) Toluene	9.208	91	48851	0.226	ppbv	96
59) m/p-Xylene	12.333	91	30467m	0.125	ppbv	

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

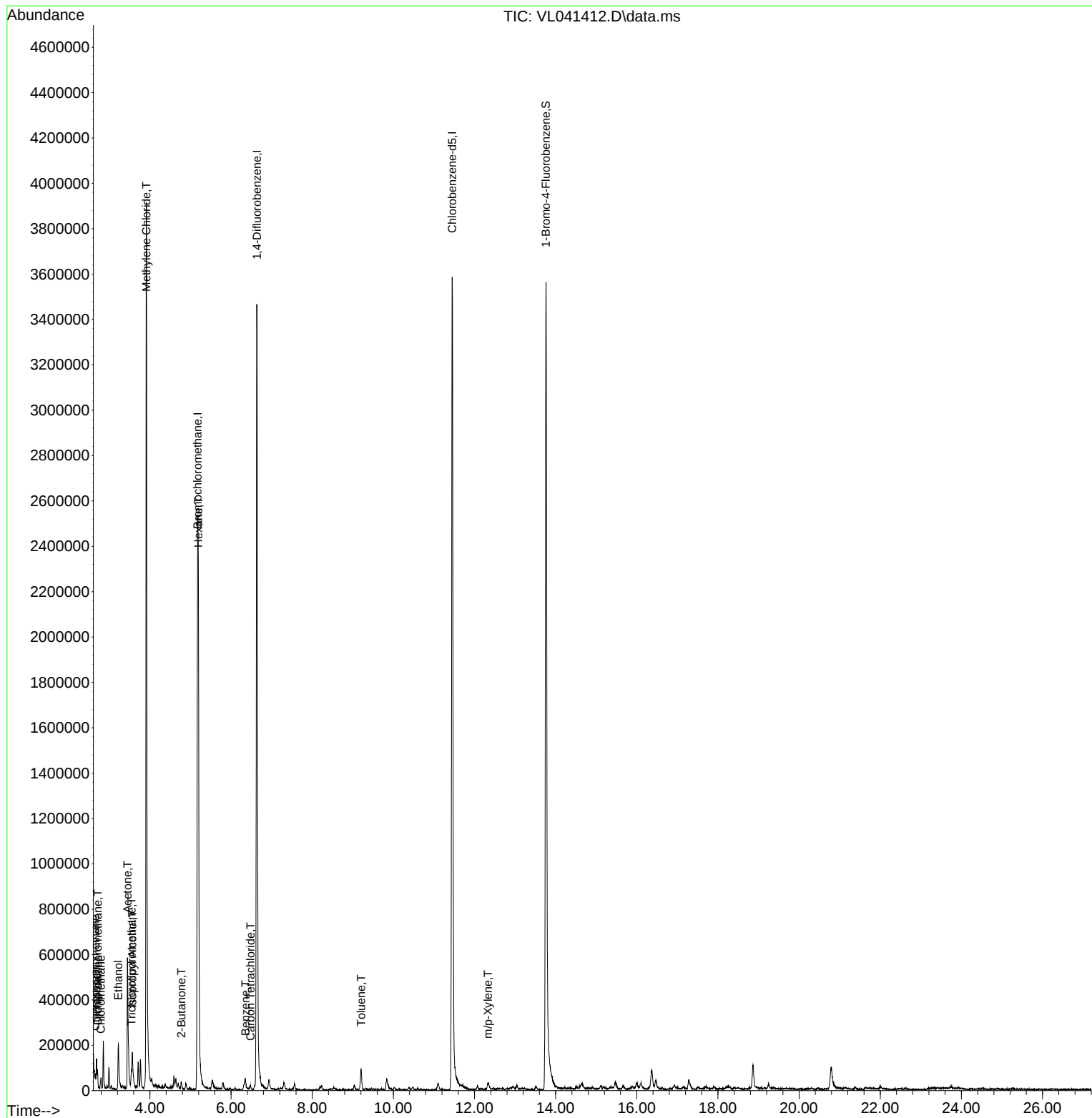
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041412.D
Acq On : 26 Jul 2024 8:43
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Sample : P3320-02
Misc : 400mL/MSVOA_L
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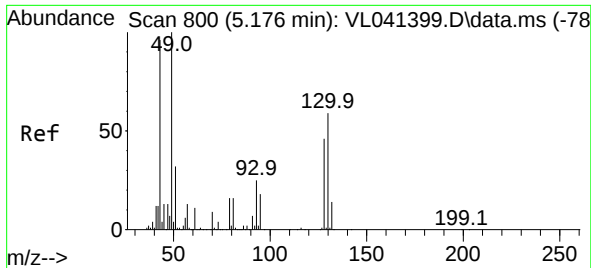
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jul 29 01:45:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Jul 26 07:31:14 2024
Response via : Initial Calibration

Manual Integrations
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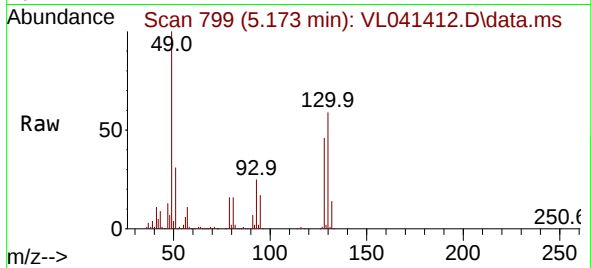
Reviewed By : Semsettin Yesilyurt 07/29/2024
Supervised By : Mahesh Dadoda 07/29/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.003 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

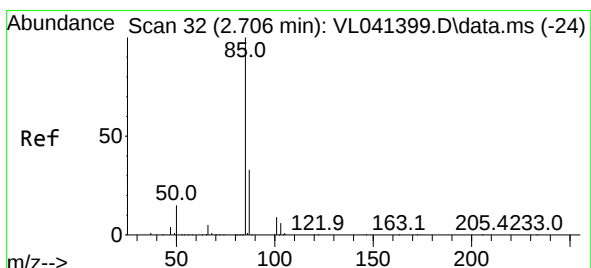
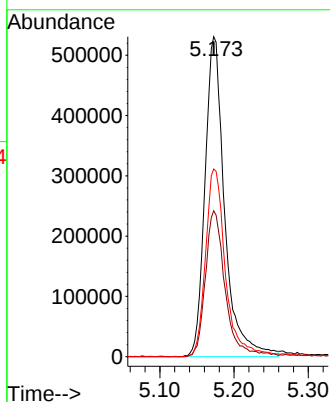
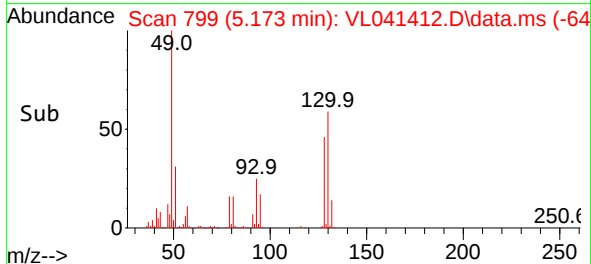
Instrument :
MSVOA_L
ClientSampleId :
2



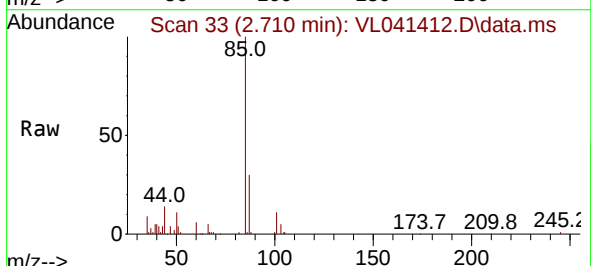
Tgt Ion: 49 Resp: 97635
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 60.8 30.8 92.4

Manual Integrations
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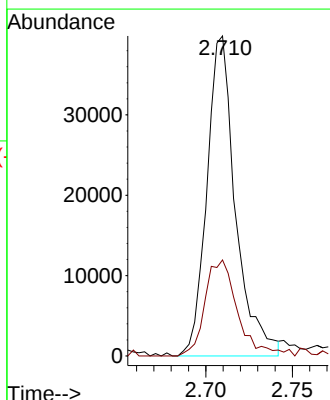
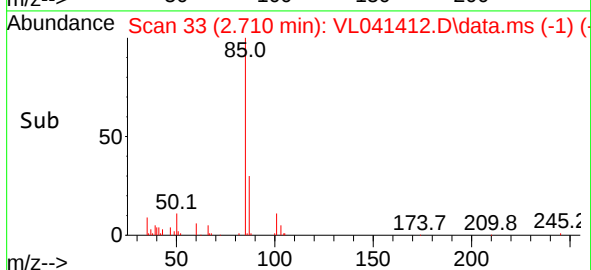
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

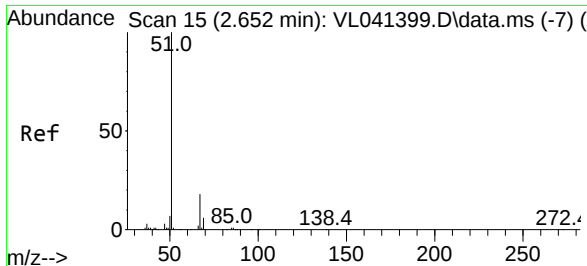


#2
Dichlorodifluoromethane
Concen: 0.273 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.003 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43



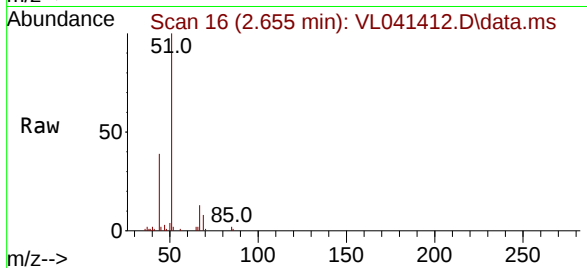
Tgt Ion: 85 Resp: 45911
Ion Ratio Lower Upper
85 100
87 30.0 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.407 ppbv m
RT: 2.655 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

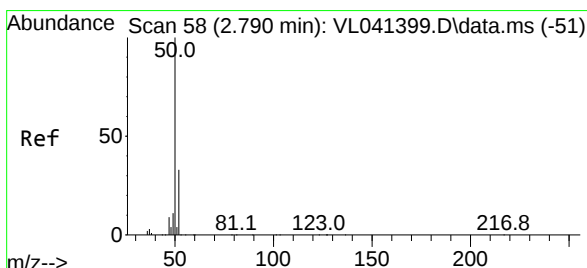
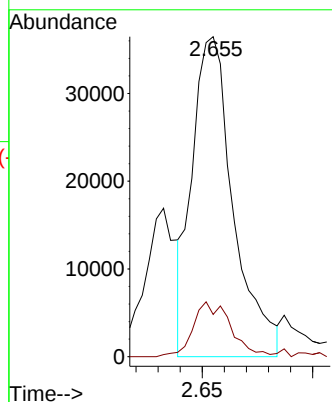
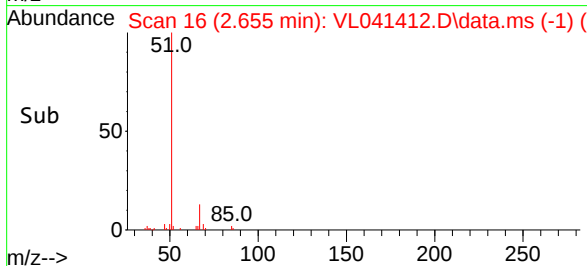
Instrument :
MSVOA_L
ClientSampleId :
2



Tgt Ion: 51 Resp: 4732
Ion Ratio Lower Upper
51 100
67 17.1 14.5 21.7

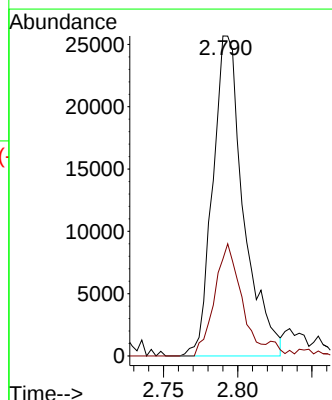
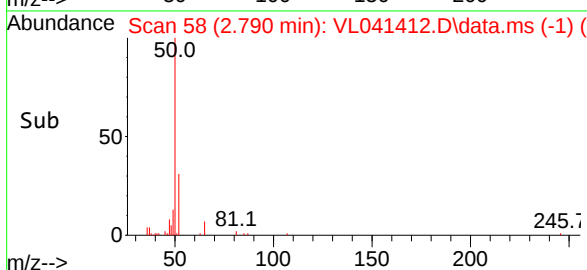
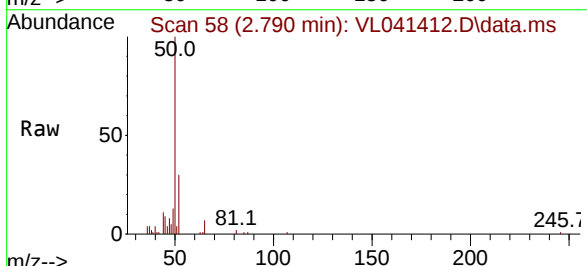
Manual Integrations
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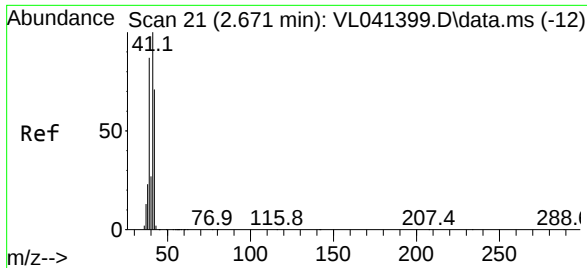
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#4
Chloromethane
Concen: 0.600 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

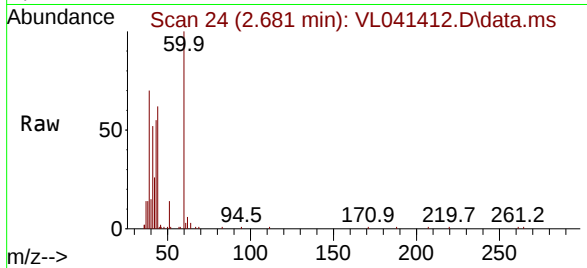
Tgt Ion: 50 Resp: 37103
Ion Ratio Lower Upper
50 100
52 30.5 26.1 39.1





#9
 Propene
 Concen: 0.496 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.010 min
 Lab File: VL041412.D
 Acq: 26 Jul 2024 8:43

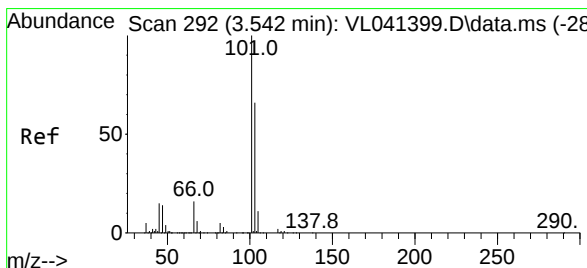
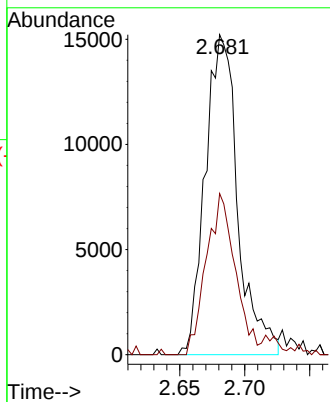
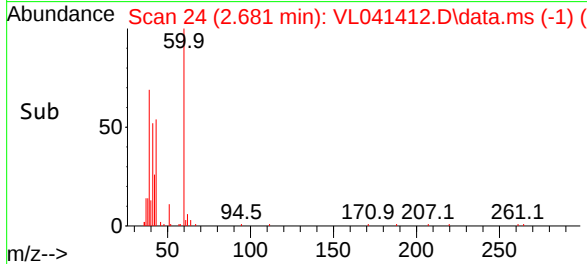
Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 41 Resp: 26492
 Ion Ratio Lower Upper
 41 100
 42 48.6 55.9 83.9

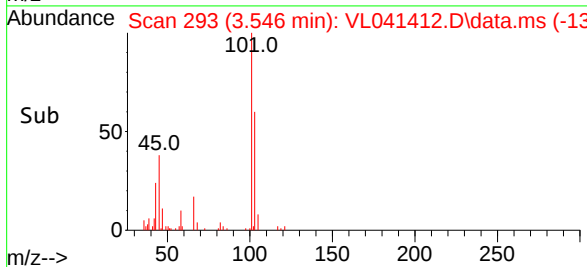
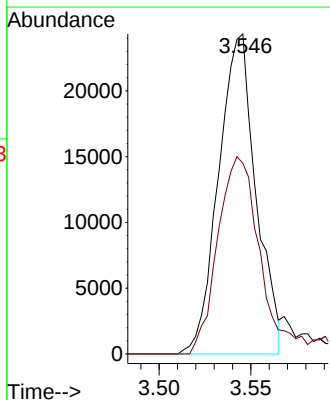
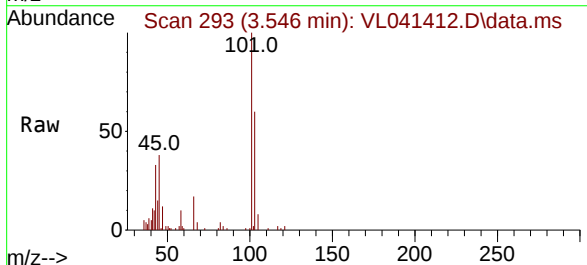
Manual Integrations
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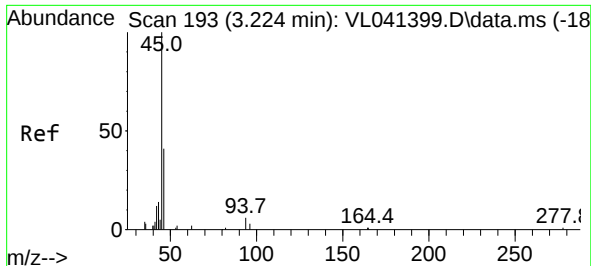
Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#11
 Trichlorofluoromethane
 Concen: 0.231 ppbv
 RT: 3.546 min Scan# 293
 Delta R.T. 0.003 min
 Lab File: VL041412.D
 Acq: 26 Jul 2024 8:43

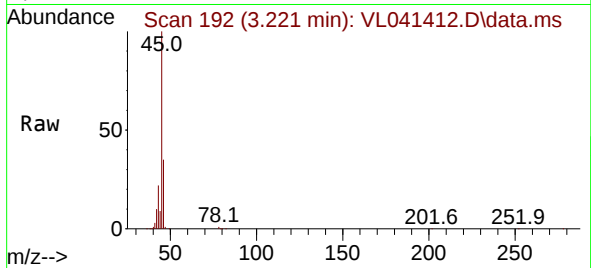
Tgt Ion:101 Resp: 34521
 Ion Ratio Lower Upper
 101 100
 103 59.6 52.6 79.0





#13
Ethanol
Concen: 43.866 ppbv
RT: 3.221 min Scan# 193
Delta R.T. -0.003 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

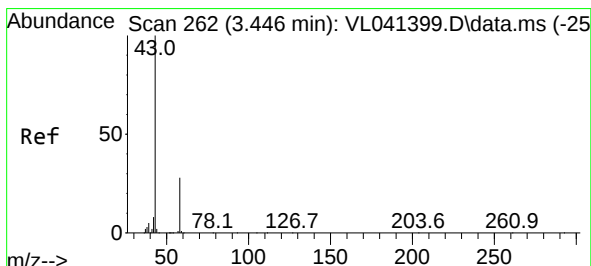
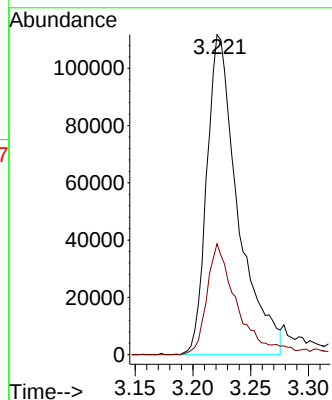
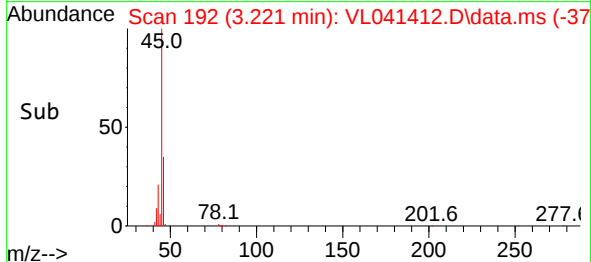
Instrument :
MSVOA_L
ClientSampleId :
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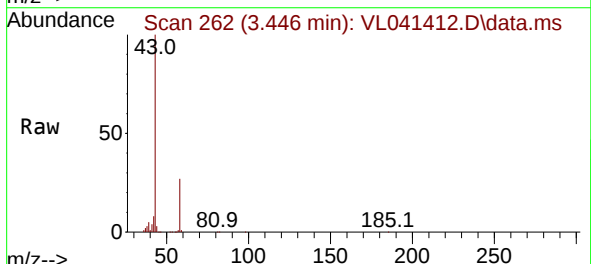
Tgt Ion: 45 Resp: 209340
Ion Ratio Lower Upper
45 100
46 35.8 13.4 53.4

Manual Integrations
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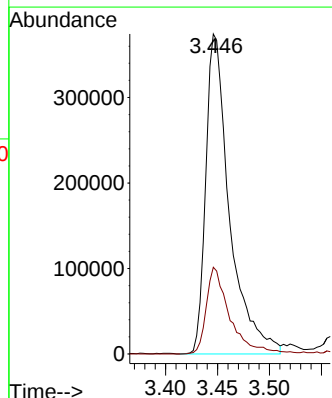
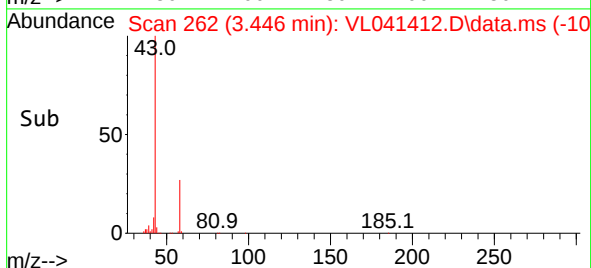
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

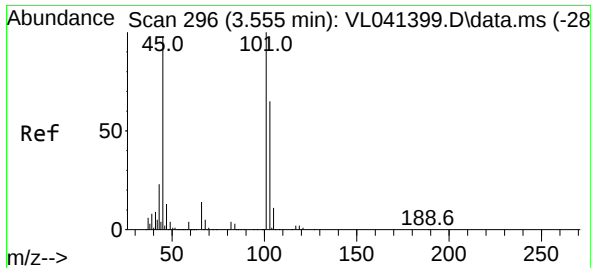


#15
Acetone
Concen: 5.366 ppbv
RT: 3.446 min Scan# 262
Delta R.T. 0.000 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43



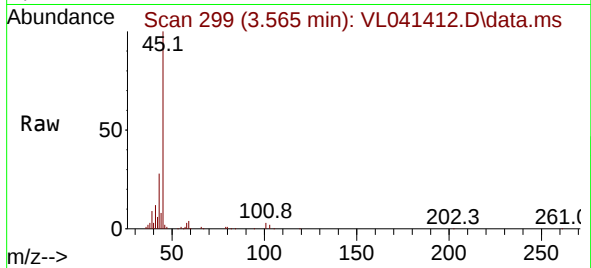
Tgt Ion: 43 Resp: 595273
Ion Ratio Lower Upper
43 100
58 27.3 21.4 32.2





#19
Isopropyl Alcohol
Concen: 2.450 ppbv
RT: 3.565 min Scan# 296
Delta R.T. 0.010 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

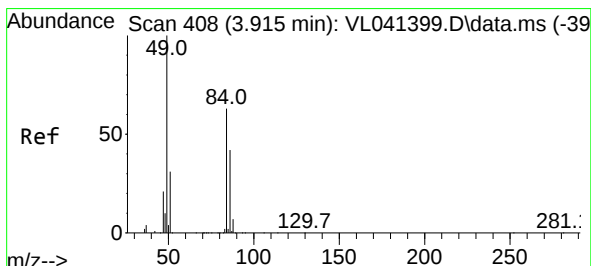
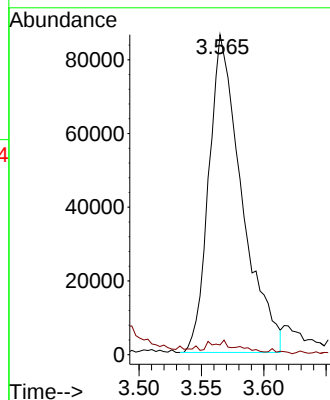
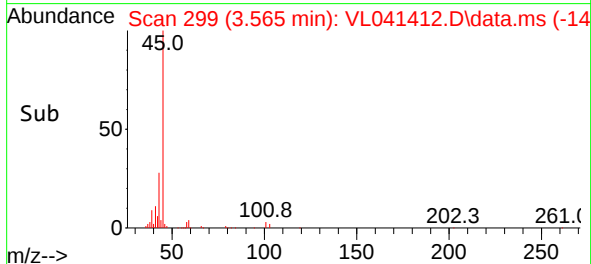
Instrument :
MSVOA_L
ClientSampleId :
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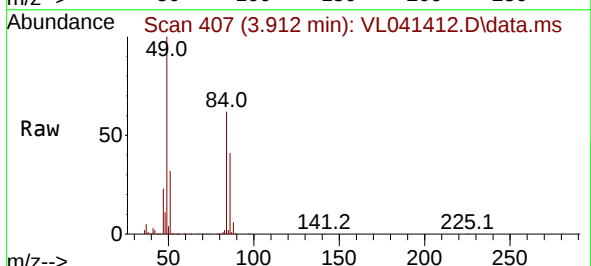
Tgt Ion: 45 Resp: 15888
Ion Ratio Lower Upper
45 100
58 4.9 1.9 2.9

Manual Integrations
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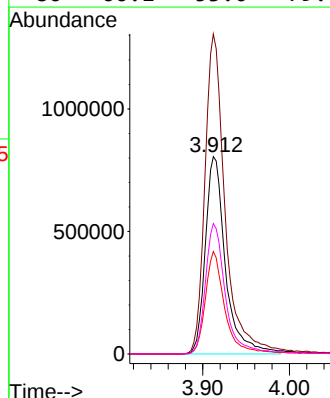
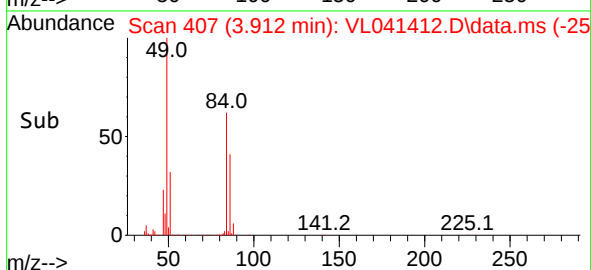
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

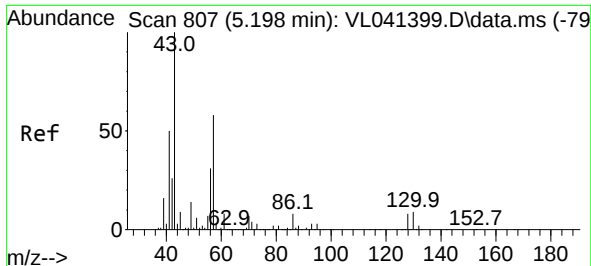


#20
Methylene Chloride
Concen: 31.576 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.003 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43



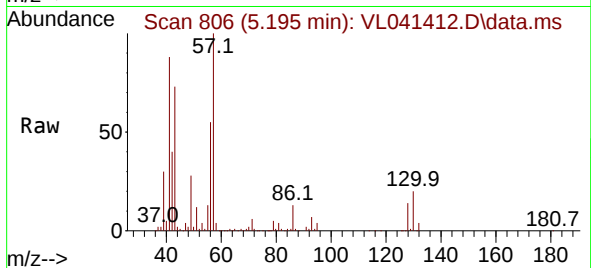
Tgt Ion: 84 Resp: 1306217
Ion Ratio Lower Upper
84 100
49 162.2 126.6 190.0
51 51.8 38.6 58.0
86 66.1 53.0 79.4





#26
Hexane
Concen: 7.458 ppbv
RT: 5.195 min Scan# 807
Delta R.T. -0.003 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

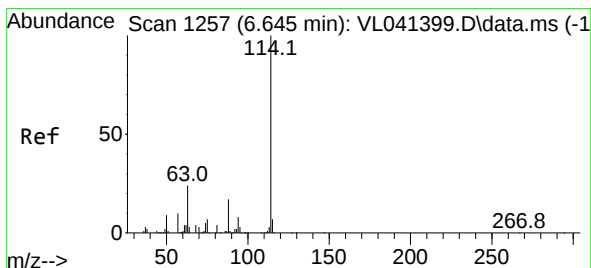
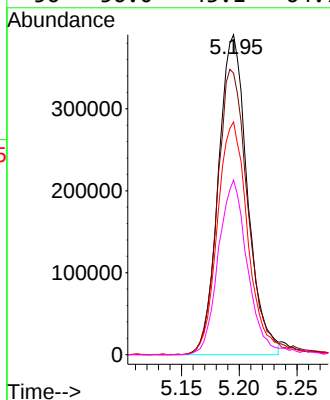
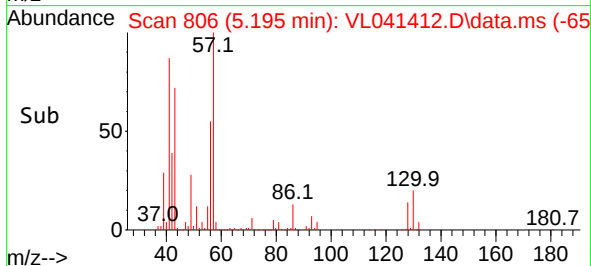
Instrument :
MSVOA_L
Client SampleId :
2



Tgt Ion: 57 Resp: 681833
Ion Ratio Lower Upper
57 100
41 96.5 74.0 111.0
43 78.2 193.6 290.4
56 56.0 43.1 64.7

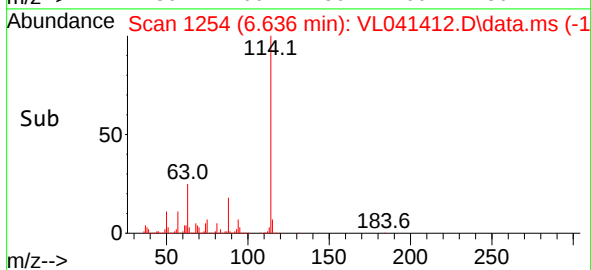
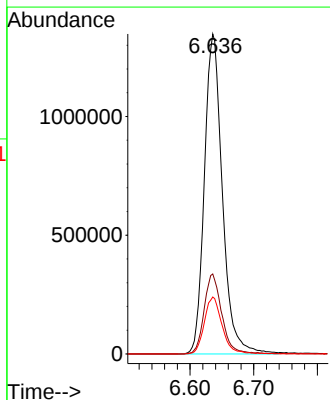
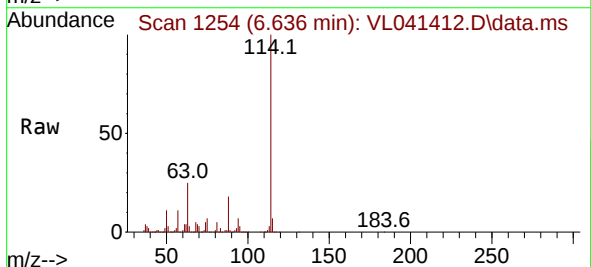
Manual Integrations
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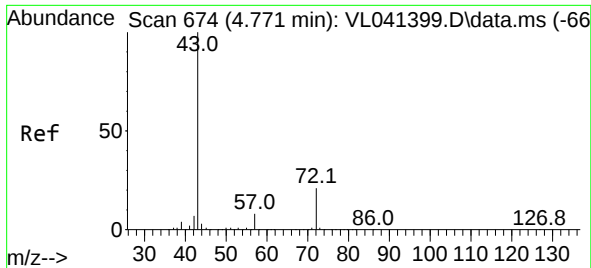
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.636 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

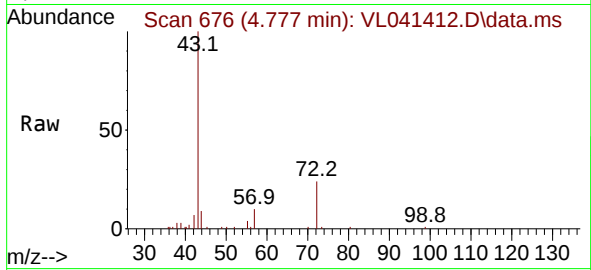
Tgt Ion:114 Resp: 2652465
Ion Ratio Lower Upper
114 100
63 24.6 20.3 30.5
88 17.7 14.3 21.5





#34
2-Butanone
Concen: 0.284 ppbv
RT: 4.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43 2

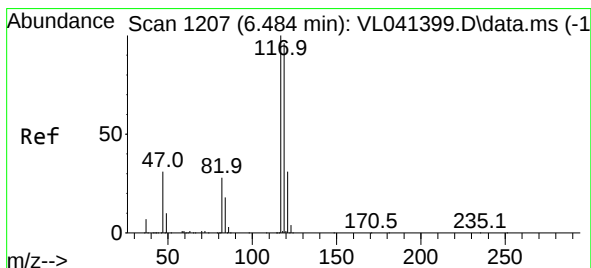
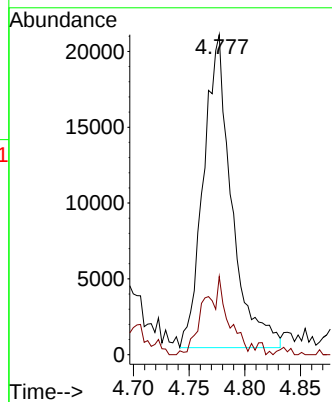
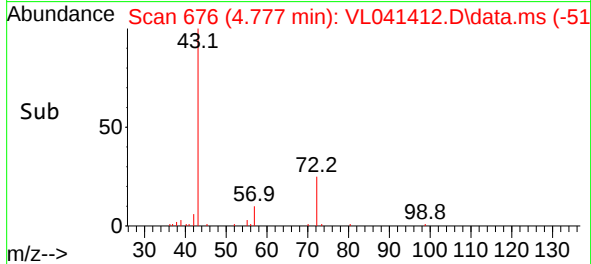
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 3638
Ion Ratio Lower Upper
43 100
72 23.9 17.3 25.9

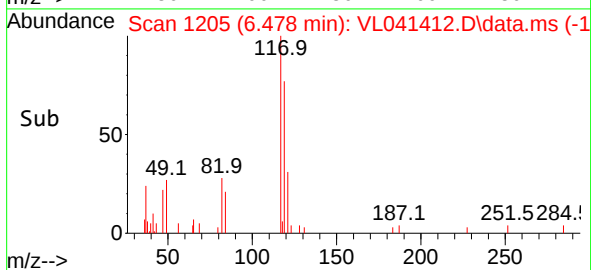
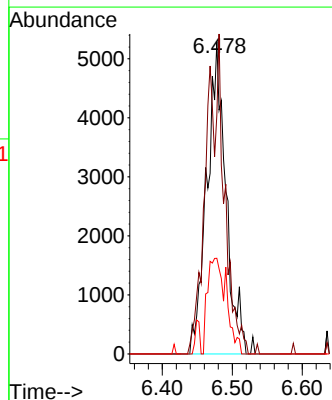
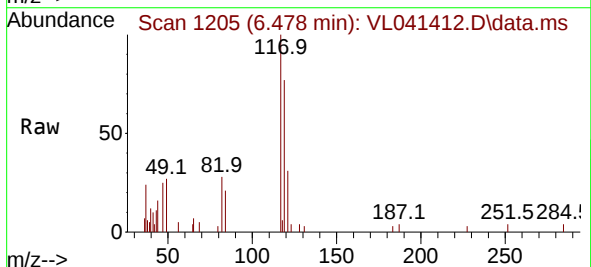
Manual Integrations
APPROVED

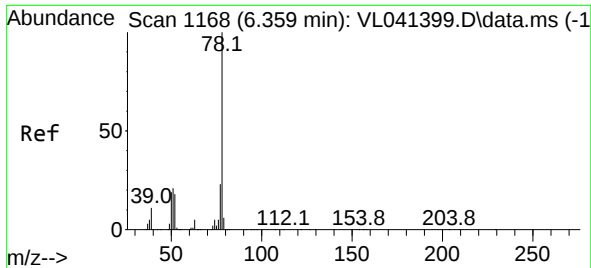
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#35
Carbon Tetrachloride
Concen: 0.068 ppbv m
RT: 6.478 min Scan# 1205
Delta R.T. -0.006 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

Tgt Ion:117 Resp: 10018
Ion Ratio Lower Upper
117 100
119 76.5 76.6 115.0#
121 30.6 25.1 37.7





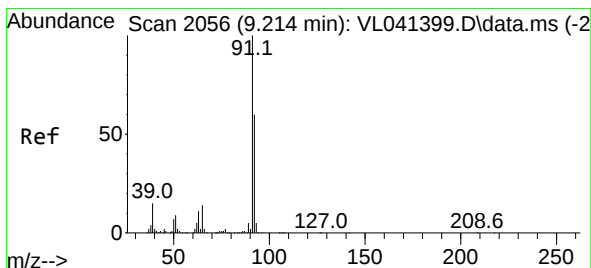
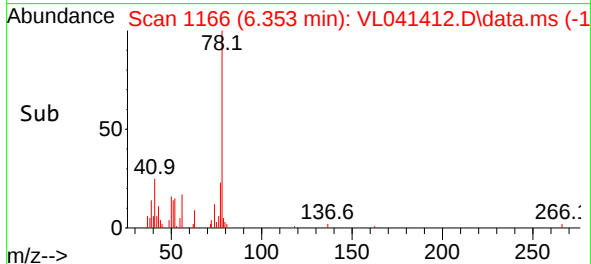
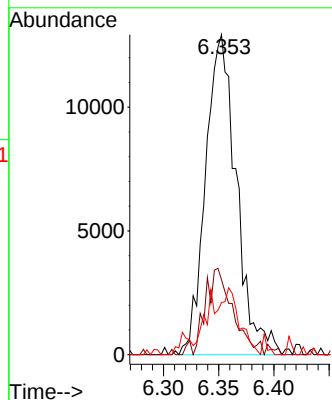
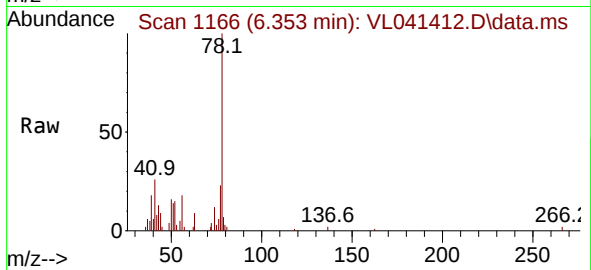
#36
Benzene
Concen: 0.130 ppbv m
RT: 6.353 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

Instrument :
MSVOA_L
ClientSampleId :
2

Tgt Ion: 78 Resp: 25138
Ion Ratio Lower Upper
78 100
77 23.5 18.1 27.1
50 16.3 15.5 23.3

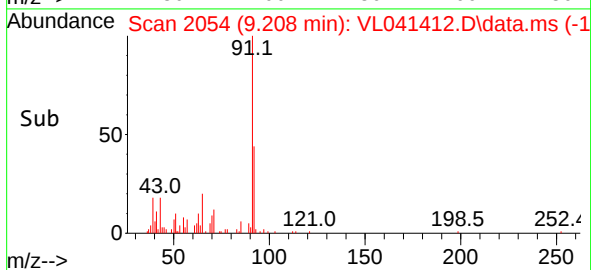
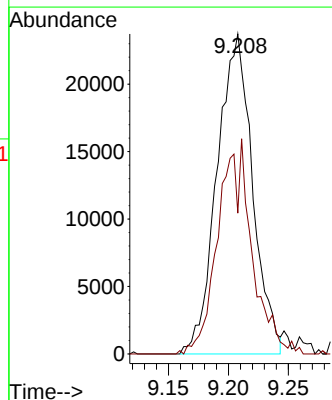
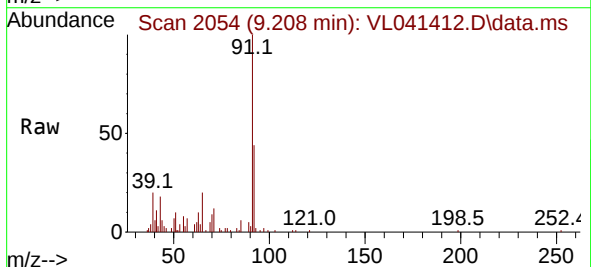
Manual Integrations
APPROVED

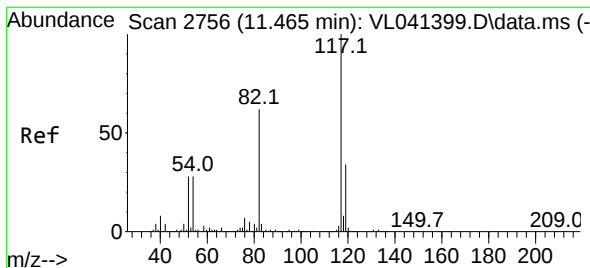
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#53
Toluene
Concen: 0.226 ppbv
RT: 9.208 min Scan# 2054
Delta R.T. -0.006 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

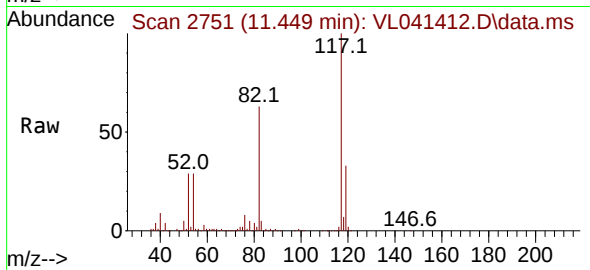
Tgt Ion: 91 Resp: 48851
Ion Ratio Lower Upper
91 100
92 63.7 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

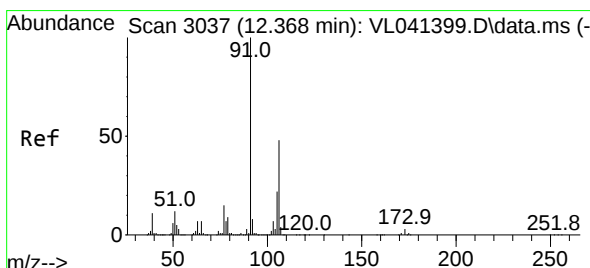
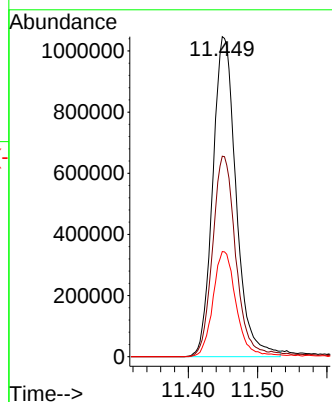
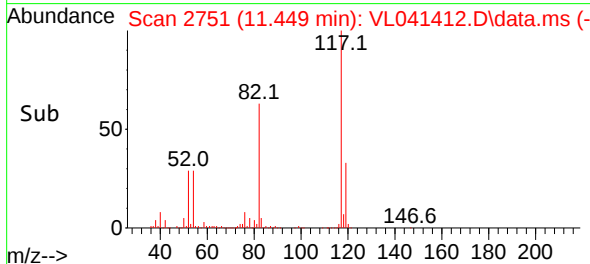
Instrument :
MSVOA_L
ClientSampleId :
2



Tgt Ion: 117 Resp: 245565
Ion Ratio Lower Upper
117 100
82 63.7 51.0 76.6
119 33.2 45.2 67.8

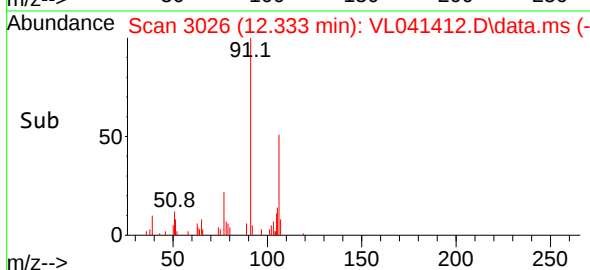
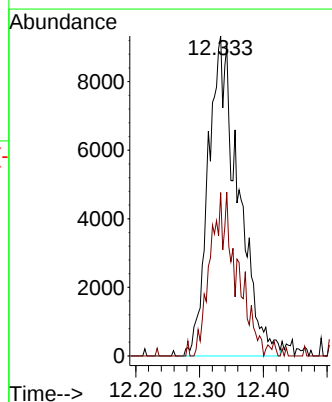
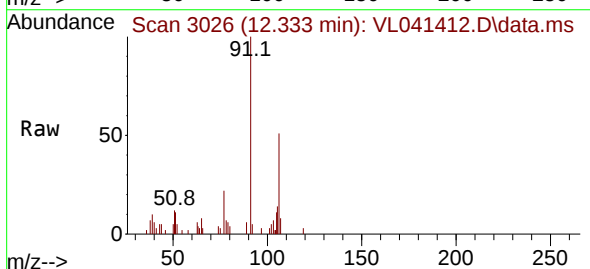
Manual Integrations
APPROVED

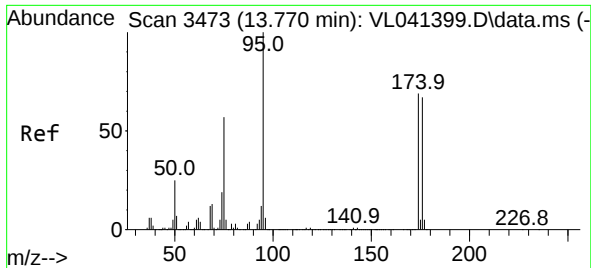
Reviewed By :Semsettin Yesilyurt 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#59
m/p-Xylene
Concen: 0.125 ppbv m
RT: 12.333 min Scan# 3026
Delta R.T. -0.035 min
Lab File: VL041412.D
Acq: 26 Jul 2024 8:43

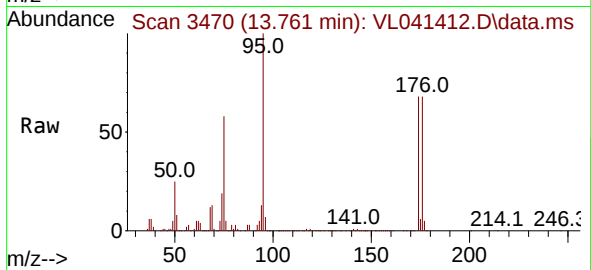
Tgt Ion: 91 Resp: 30467
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.535 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.010 min
 Lab File: VL041412.D
 Acq: 26 Jul 2024 8:43 2

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1801962
 Ion Ratio Lower Upper
 95 100
 174 73.4 56.3 84.5
 175 5.2 4.0 6.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

