

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040620.D
 Acq On : 10 Aug 2023 00:41
 Operator : SY/MD
 Sample : 03907-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:34:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 10 12:52:57 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	819495	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2234358	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	1957227	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1489168	9.614	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						Qvalue
9) Propene	2.684	41	256068	5.758	ppbv	92
10) Heptane	7.578	43	14385m	0.146	ppbv	
13) Ethanol	3.243	45	32583m	3.368	ppbv	
15) Acetone	3.472	43	222335	2.357	ppbv	98
17) tert-Butyl alcohol	3.896	59	29041	0.298	ppbv #	89
20) Methylene Chloride	3.928	84	566542	14.119	ppbv	97
26) Hexane	5.211	57	594943	7.131	ppbv #	41
27) Carbon Disulfide	4.118	76	26856	0.274	ppbv #	71
34) 2-Butanone	4.796	43	52740m	0.478	ppbv	
36) Benzene	6.369	78	24565	0.137	ppbv #	90
38) Trichloroethene	7.291	130	40627m	0.597	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	38947m	0.243	ppbv	
52) Tetrachloroethene	10.619	164	857804	14.734	ppbv	96
53) Toluene	9.233	91	25086m	0.128	ppbv	

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

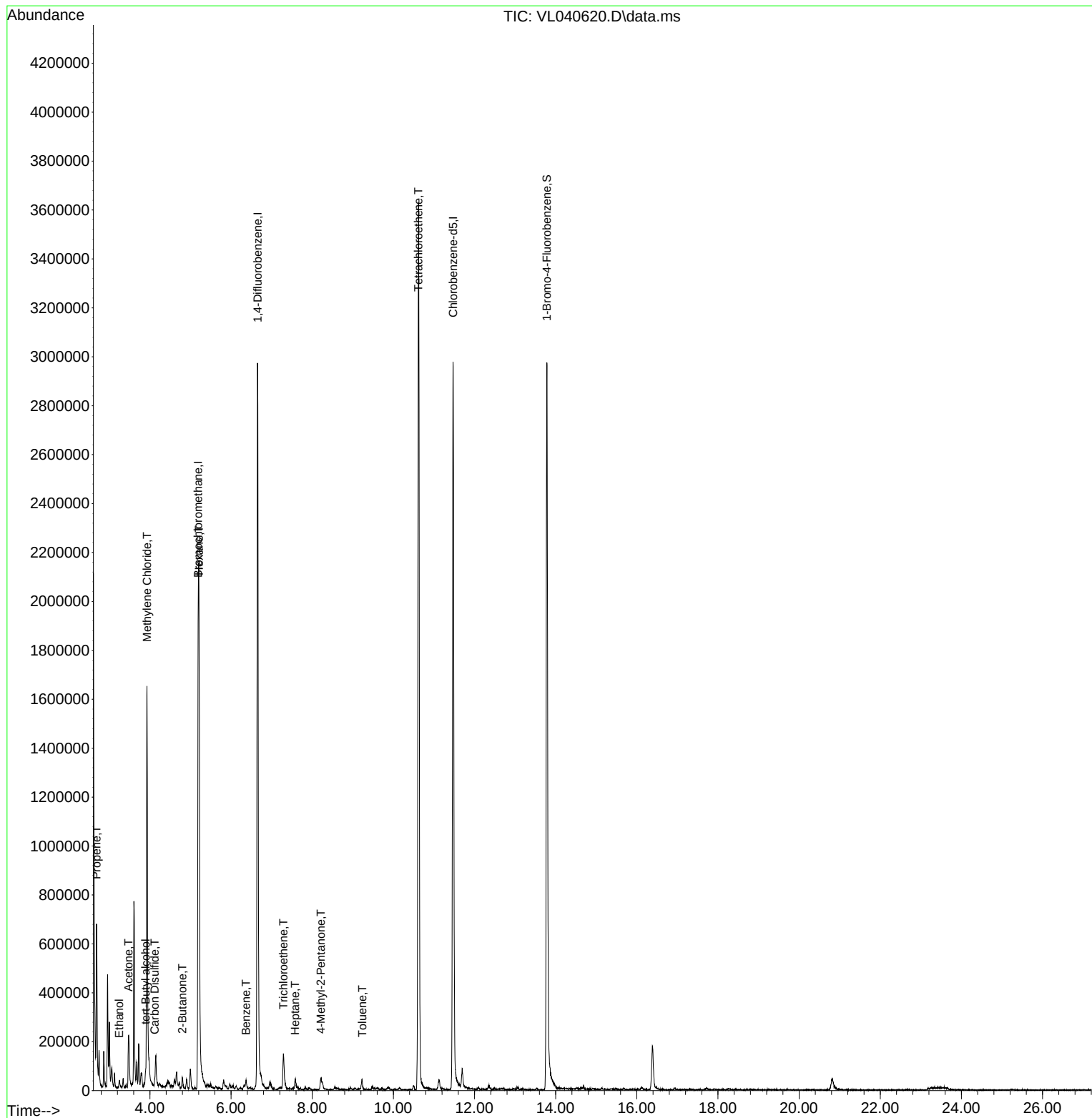
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040620.D
Acq On : 10 Aug 2023 00:41
Operator : SY/MD
Sample : 03907-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

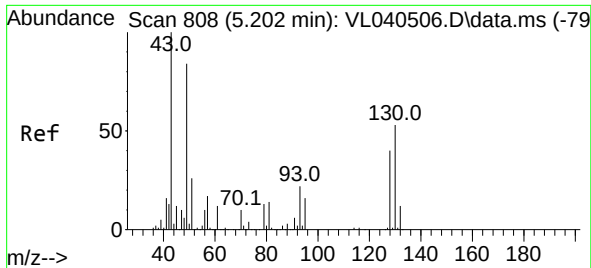
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Quant Time: Aug 10 01:34:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

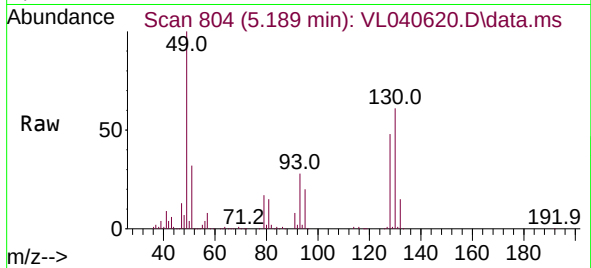
Reviewed By : Semsettin Yesilyurt 08/10/2023
Supervised By : Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

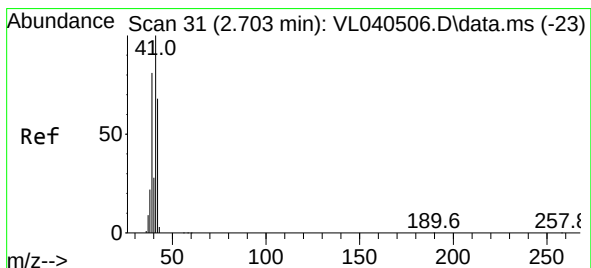
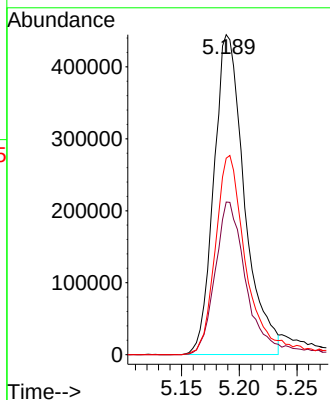
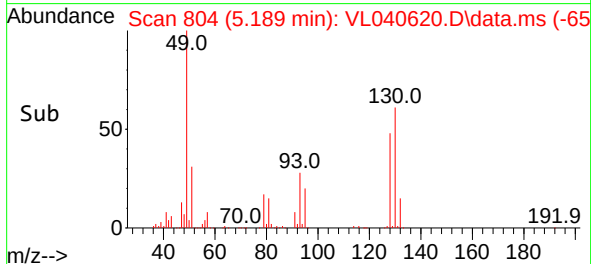
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



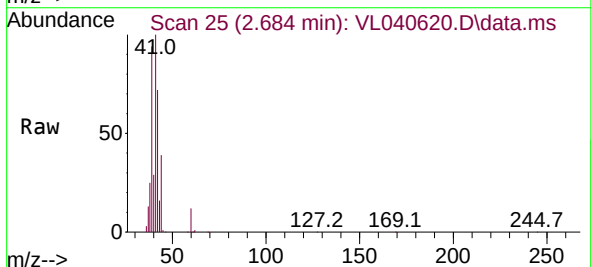
Tgt Ion: 49 Resp: 81949
Ion Ratio Lower Upper
49 100
128 50.3 25.1 75.4
130 66.1 31.6 94.7

Manual Integrations
APPROVED

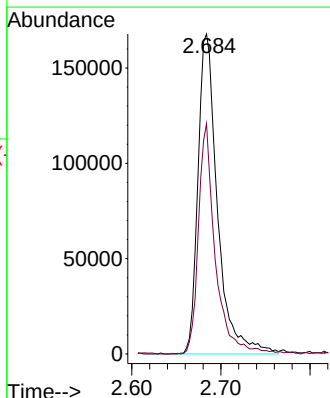
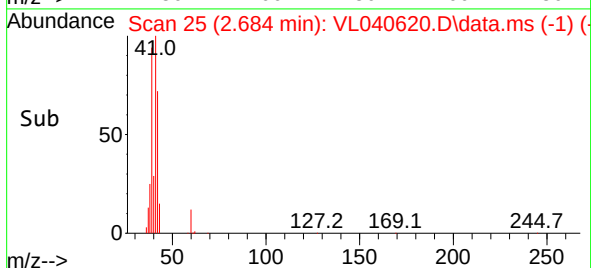
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

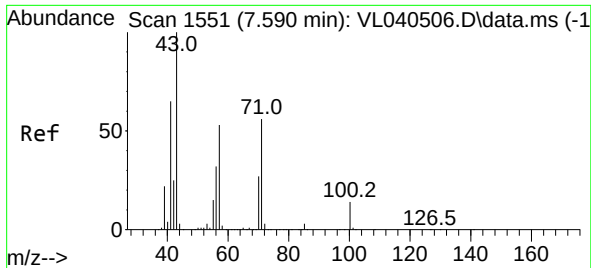


#9
Propene
Concen: 5.758 ppbv
RT: 2.684 min Scan# 25
Delta R.T. -0.019 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41



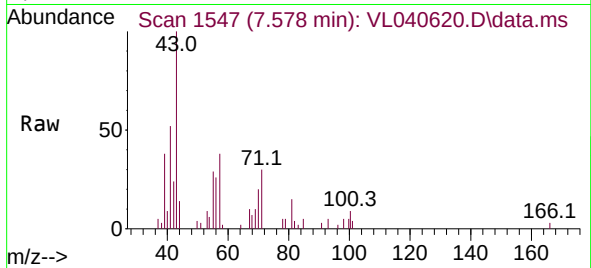
Tgt Ion: 41 Resp: 256068
Ion Ratio Lower Upper
41 100
42 62.4 55.0 82.6





#10
Heptane
Concen: 0.146 ppbv m
RT: 7.578 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

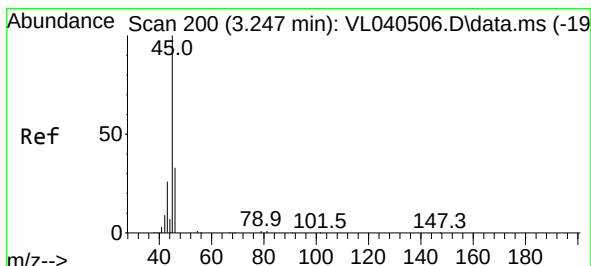
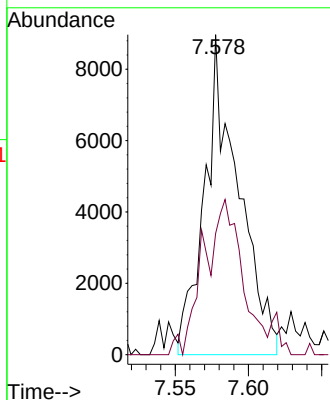
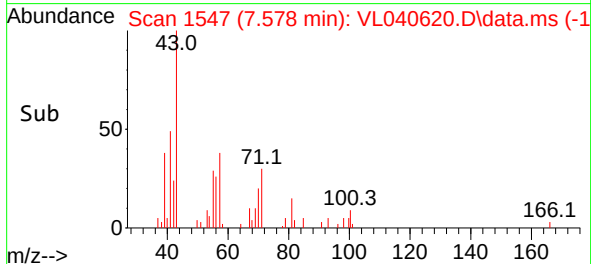
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
57 0.0 42.5 63.7

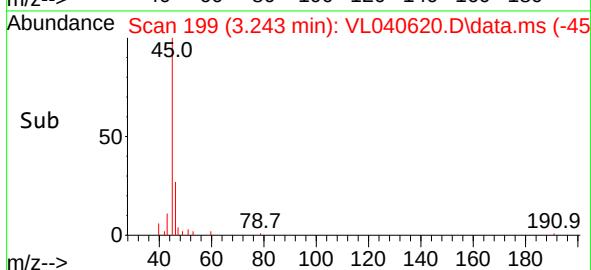
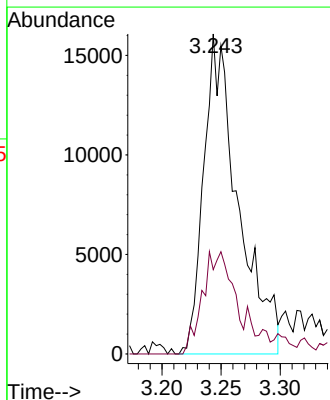
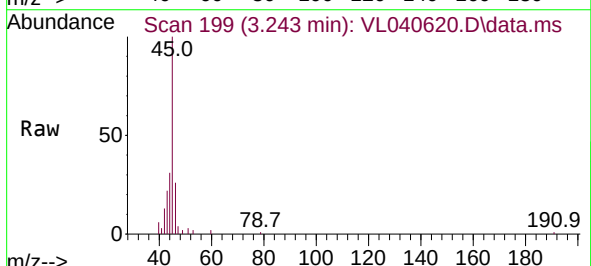
Manual Integrations
APPROVED

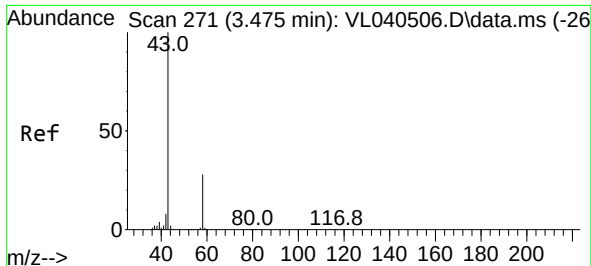
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#13
Ethanol
Concen: 3.368 ppbv m
RT: 3.243 min Scan# 199
Delta R.T. -0.003 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

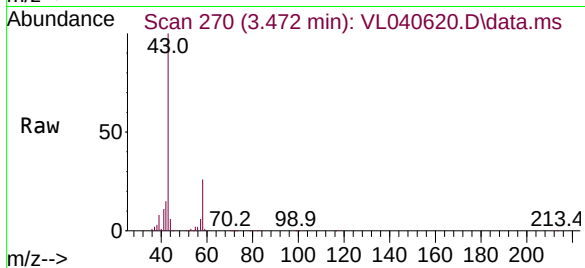
Tgt Ion: 45 Resp: 32583
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1





#15
Acetone
Concen: 2.357 ppbv
RT: 3.472 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

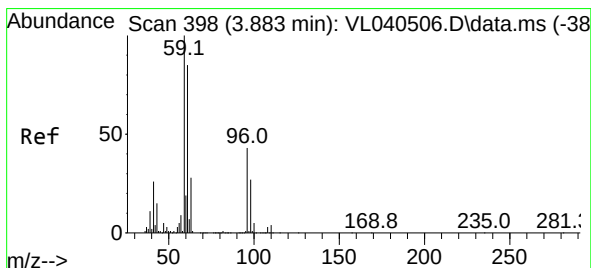
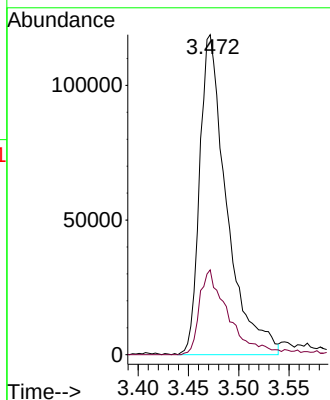
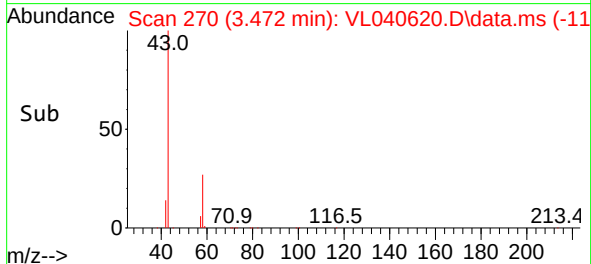
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



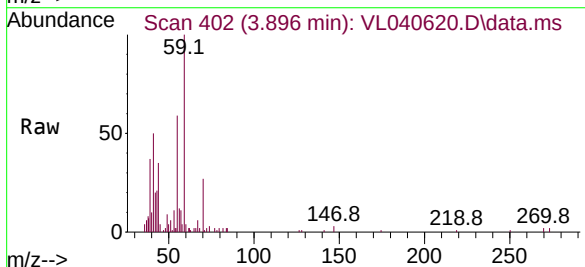
Tgt Ion: 43 Resp: 222335
Ion Ratio Lower Upper
43 100
58 29.6 22.9 34.3

Manual Integrations
APPROVED

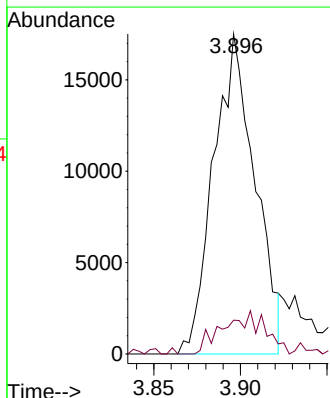
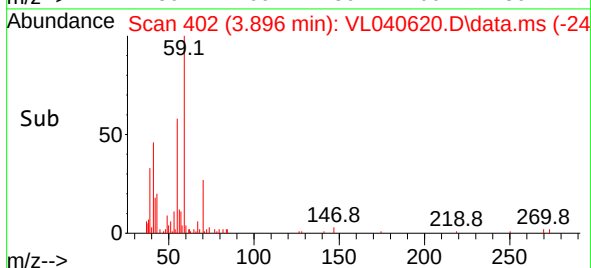
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

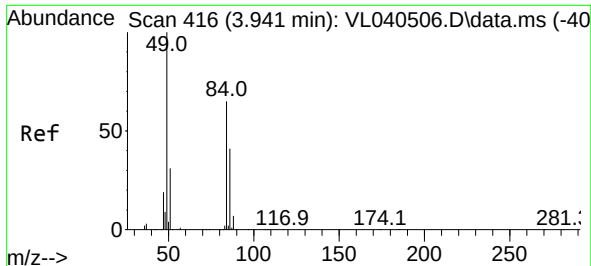


#17
tert-Butyl alcohol
Concen: 0.298 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.013 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41



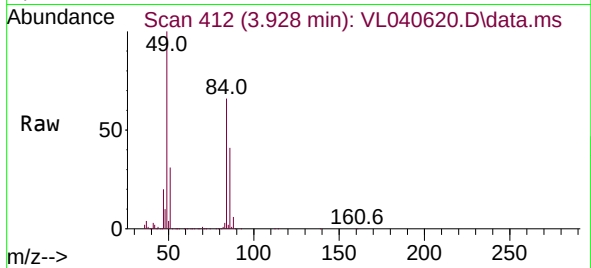
Tgt Ion: 59 Resp: 29041
Ion Ratio Lower Upper
59 100
57 15.2 8.7 13.1#





#20
Methylene Chloride
Concen: 14.119 ppbv
RT: 3.928 min Scan# 416
Delta R.T. -0.013 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

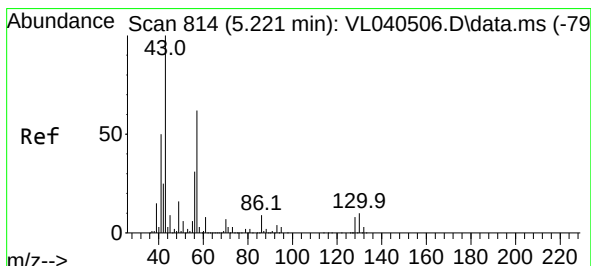
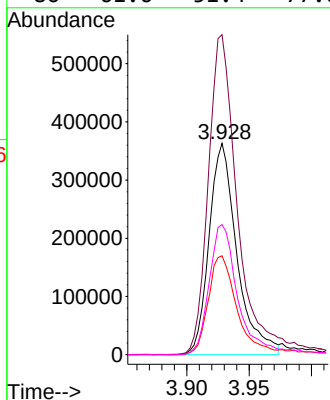
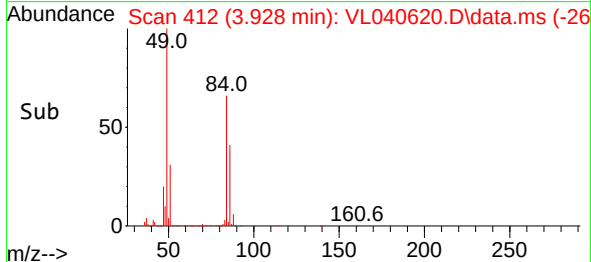
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



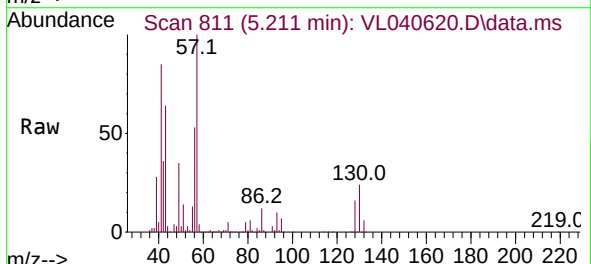
Tgt Ion: 84 Resp: 566542
Ion Ratio Lower Upper
84 100
49 151.3 123.4 185.2
51 46.5 38.3 57.5
86 61.6 51.4 77.0

Manual Integrations
APPROVED

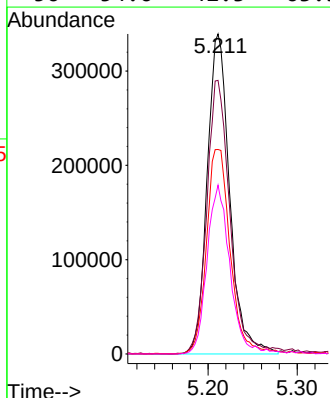
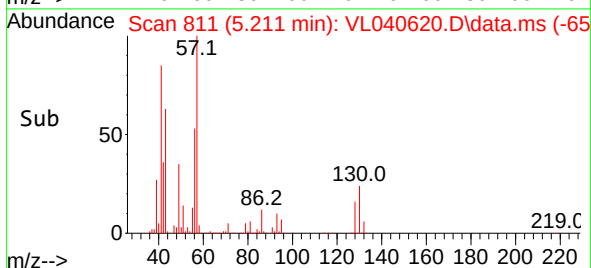
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

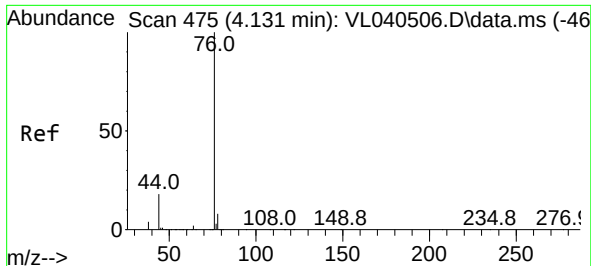


#26
Hexane
Concen: 7.131 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41



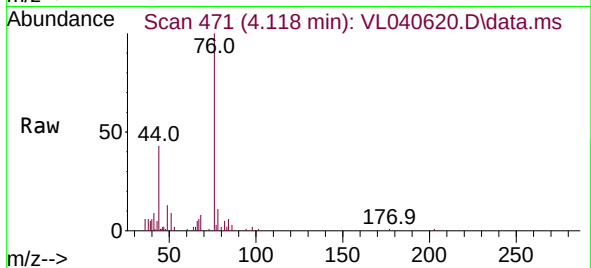
Tgt Ion: 57 Resp: 594943
Ion Ratio Lower Upper
57 100
41 89.7 69.5 104.3
43 68.1 177.1 265.7#
56 54.6 42.3 63.5





#27
Carbon Disulfide
Concen: 0.274 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

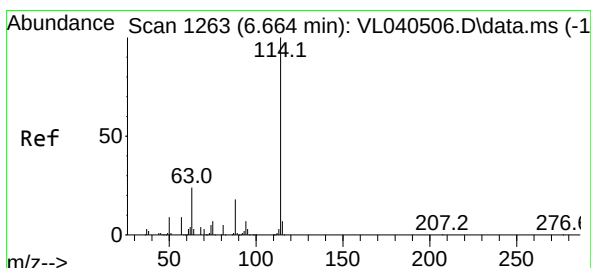
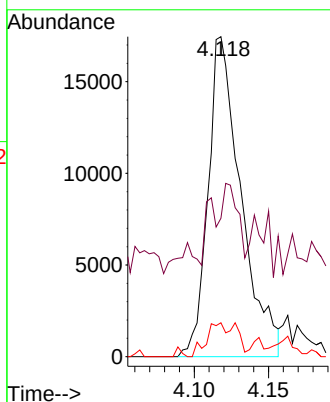
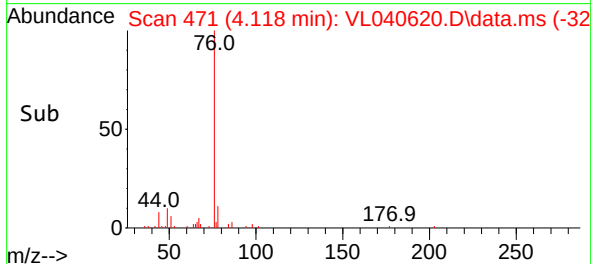
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



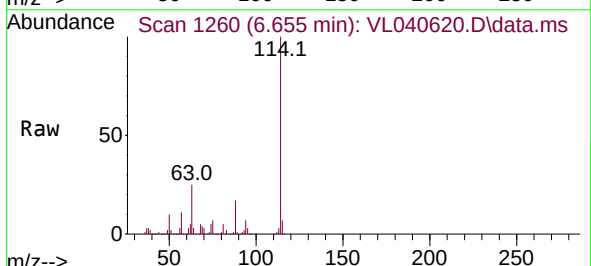
Tgt Ion: 76 Resp: 26850
Ion Ratio Lower Upper
76 100
44 38.0 15.1 22.7
78 10.1 7.5 11.3

Manual Integrations
APPROVED

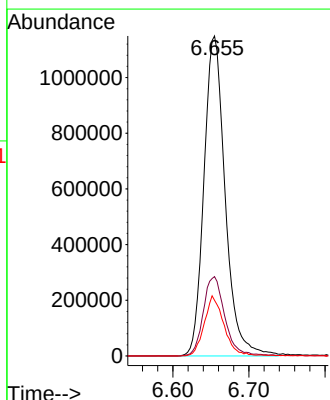
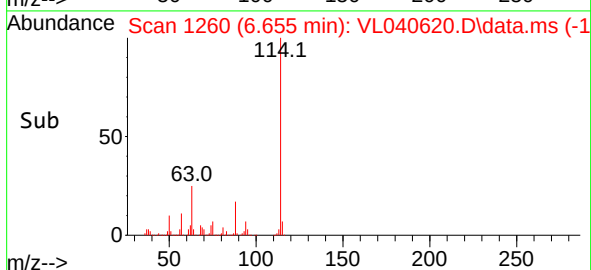
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

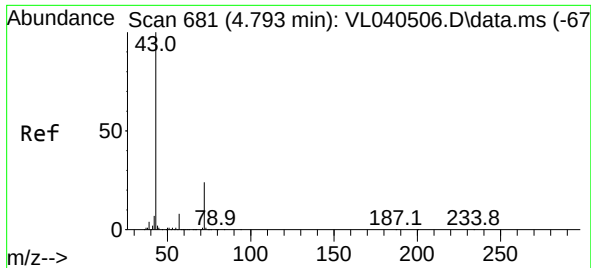


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41



Tgt Ion:114 Resp: 2234358
Ion Ratio Lower Upper
114 100
63 25.4 19.6 29.4
88 17.6 14.2 21.2





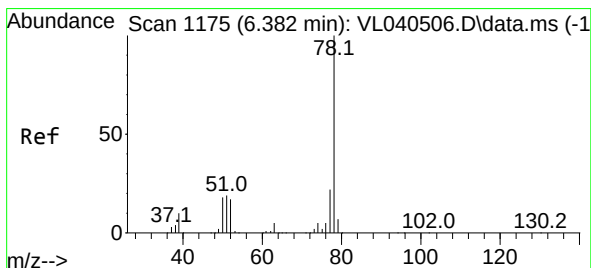
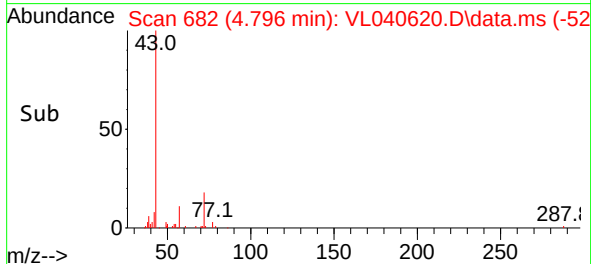
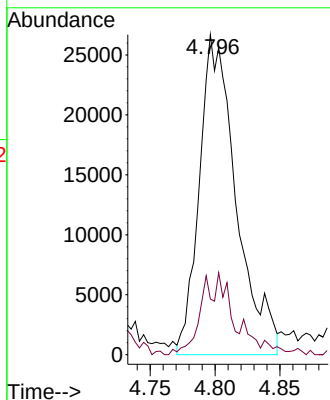
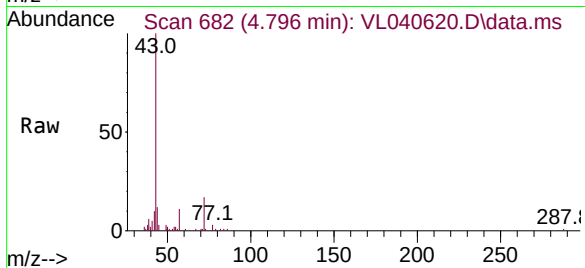
#34
2-Butanone
Concen: 0.478 ppbv m
RT: 4.796 min Scan# 681
Delta R.T. 0.003 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL

Tgt Ion: 43 Resp: 52740
Ion Ratio Lower Upper
43 100
72 0.0 19.1 28.7

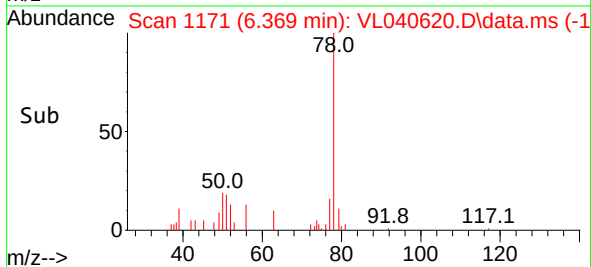
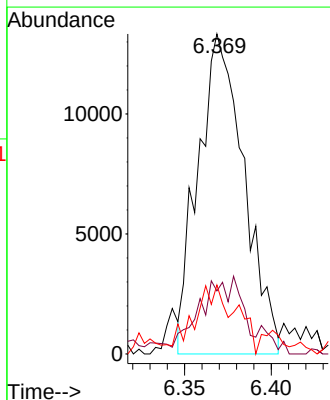
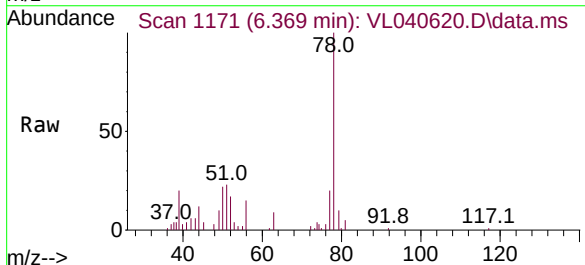
Manual Integrations
APPROVED

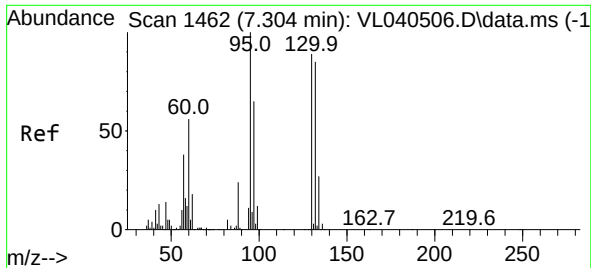
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#36
Benzene
Concen: 0.137 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.013 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

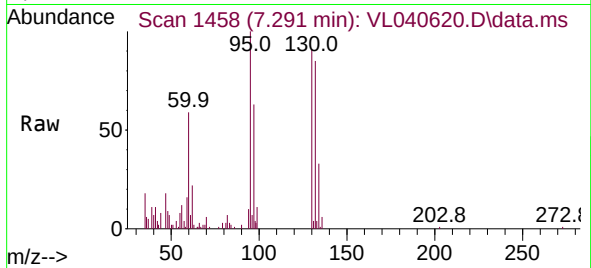
Tgt Ion: 78 Resp: 24565
Ion Ratio Lower Upper
78 100
77 14.0 17.4 26.0#
50 16.5 14.4 21.6





#38
 Trichloroethene
 Concen: 0.597 ppbv m
 RT: 7.291 min Scan# 1462
 Delta R.T. -0.013 min
 Lab File: VL040620.D
 Acq: 10 Aug 2023 00:41

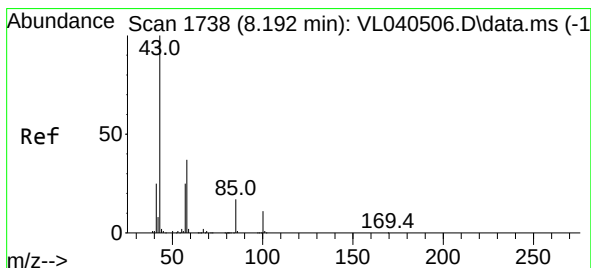
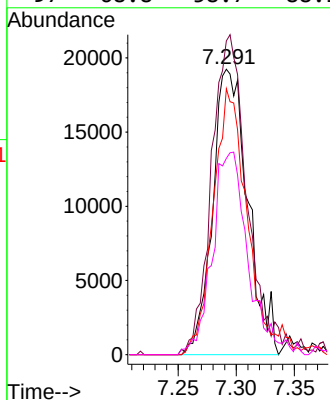
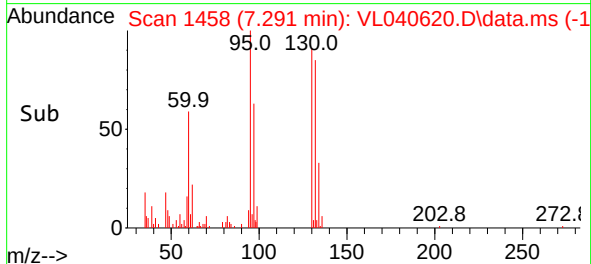
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL



Tgt Ion:130 Resp: 4062
 Ion Ratio Lower Upper
 130 100
 95 109.9 90.2 135.2
 132 93.1 76.3 114.5
 97 68.8 58.7 88.1

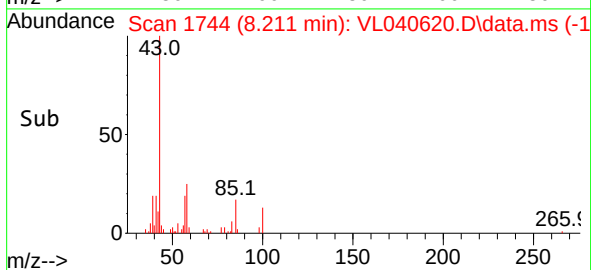
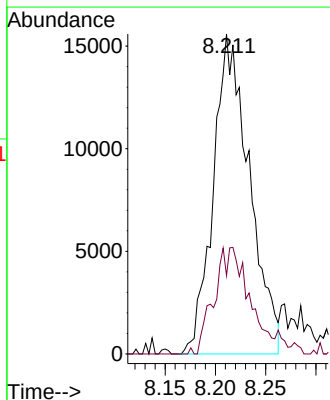
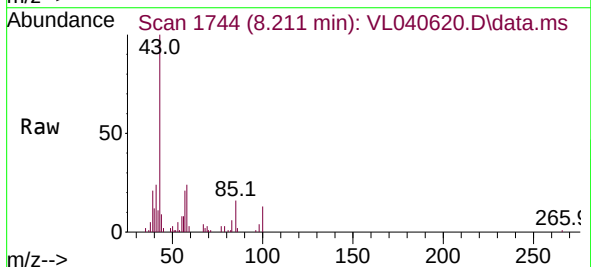
Manual Integrations
 APPROVED

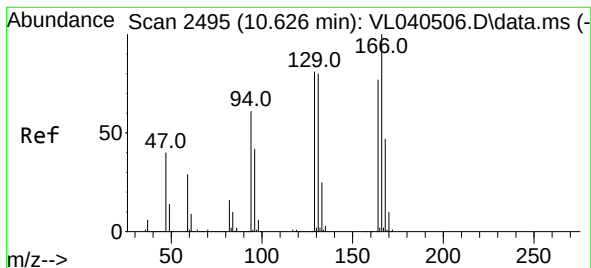
Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#50
 4-Methyl-2-Pentanone
 Concen: 0.243 ppbv m
 RT: 8.211 min Scan# 1744
 Delta R.T. 0.019 min
 Lab File: VL040620.D
 Acq: 10 Aug 2023 00:41

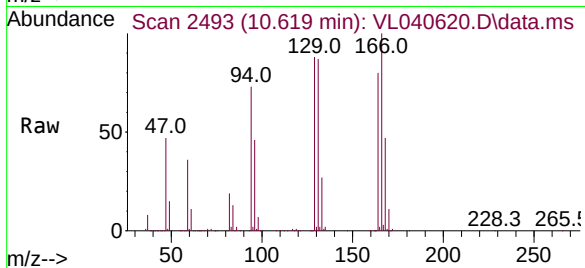
Tgt Ion: 43 Resp: 38947
 Ion Ratio Lower Upper
 43 100
 58 35.0 30.2 45.2





#52
Tetrachloroethene
Concen: 14.734 ppbv
RT: 10.619 min Scan# 2495
Delta R.T. -0.006 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

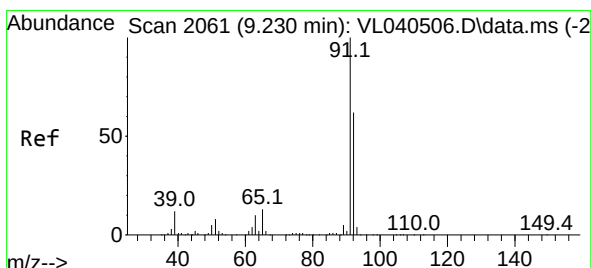
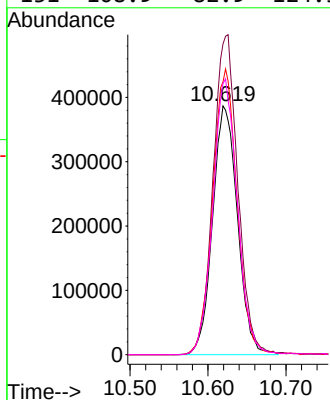
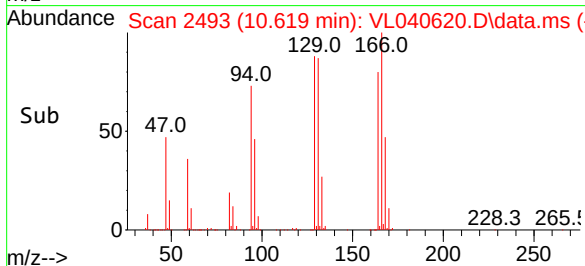
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



Tgt Ion:164 Resp: 857804
Ion Ratio Lower Upper
164 100
166 124.9 103.9 155.9
129 109.6 84.6 126.8
131 108.9 82.9 124.3

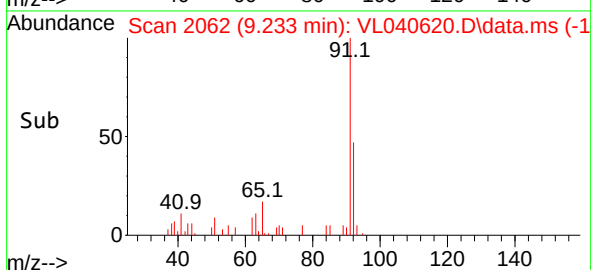
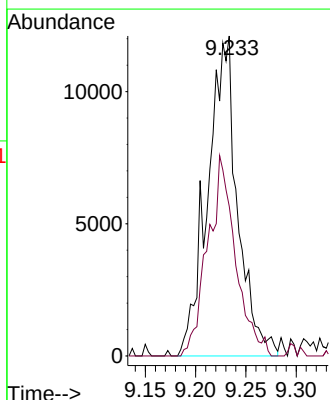
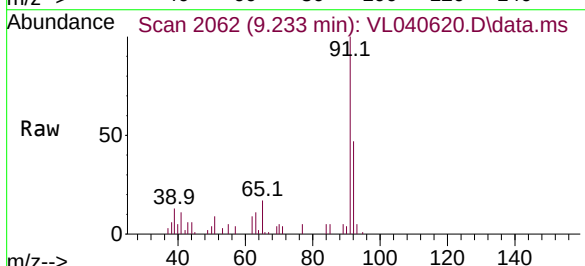
Manual Integrations
APPROVED

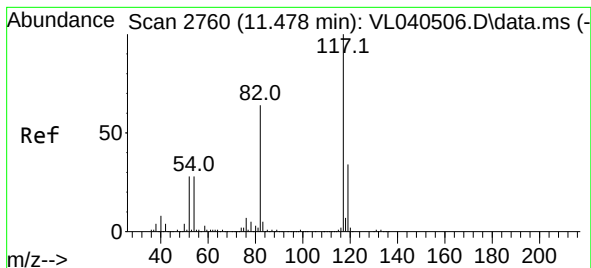
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#53
Toluene
Concen: 0.128 ppbv m
RT: 9.233 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

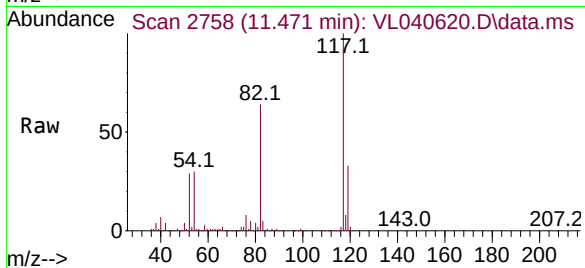
Tgt Ion: 91 Resp: 25086
Ion Ratio Lower Upper
91 100
92 57.9 49.1 73.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41

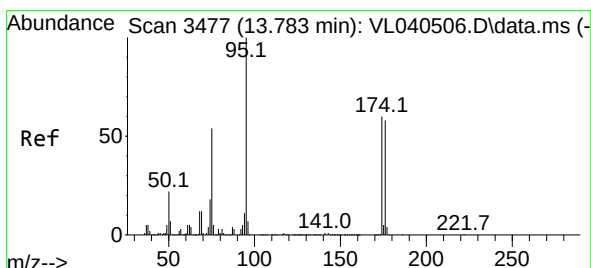
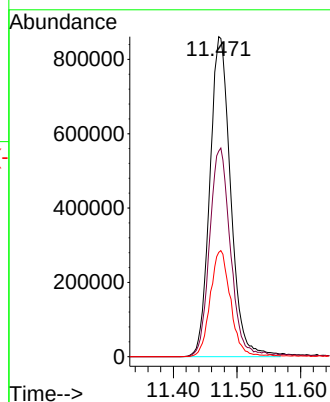
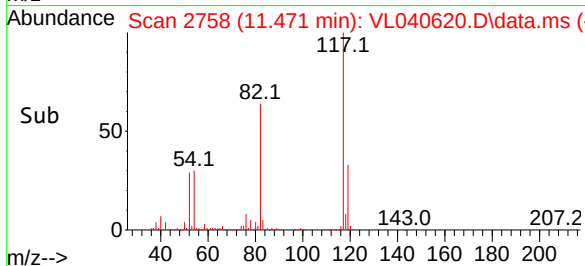
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL



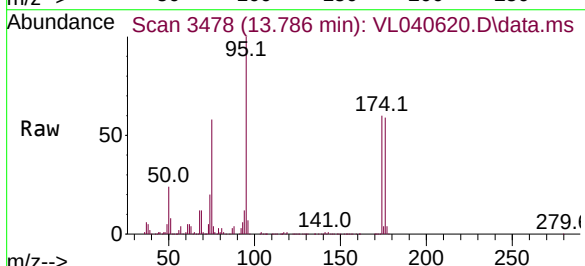
Tgt Ion: 117 Resp: 195722
Ion Ratio Lower Upper
117 100
82 66.3 50.2 75.4
119 32.6 26.9 40.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.614 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040620.D
Acq: 10 Aug 2023 00:41



Tgt Ion: 95 Resp: 1489168
Ion Ratio Lower Upper
95 100
174 62.0 50.6 75.8
175 4.4 3.7 5.5

