

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
 Data File : VL040602.D
 Acq On : 7 Aug 2023 17:14
 Operator : SY/MD
 Sample : 03907-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/08/2023
 Supervised By :Mahesh Dadoda 08/09/2023

Quant Time: Aug 08 01:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 4 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	5.205	49	643430	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	1629034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	1346657	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1068921	10.029	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	9018	0.258	ppbv	96
20) Methylene Chloride	3.944	84	47296	1.501	ppbv	91
26) Hexane	5.224	57	25116	0.383	ppbv #	39
52) Tetrachloroethene	10.626	164	19989m	0.471	ppbv	

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

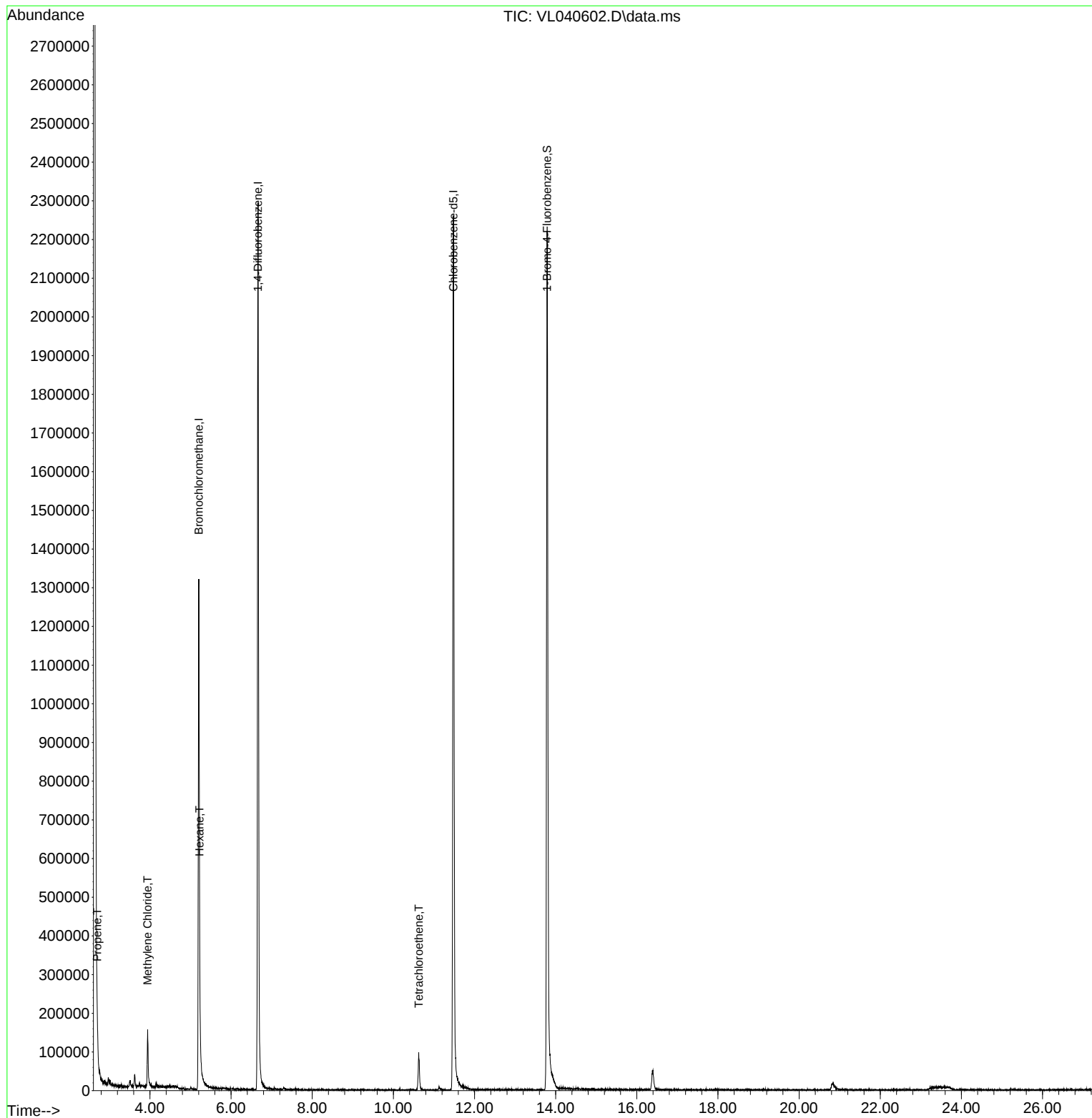
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080723\
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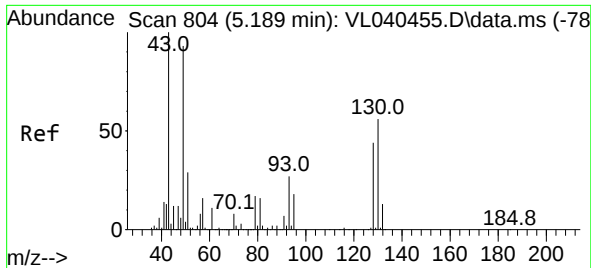
Instrument :
MSVOA_L
ClientSampleId :
SV-2

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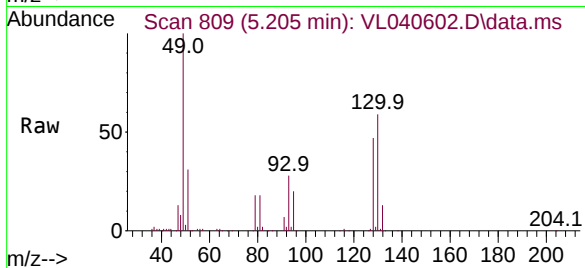
Reviewed By : Semsettin Yesilyurt 08/08/2023
Supervised By : Mahesh Dadoda 08/09/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

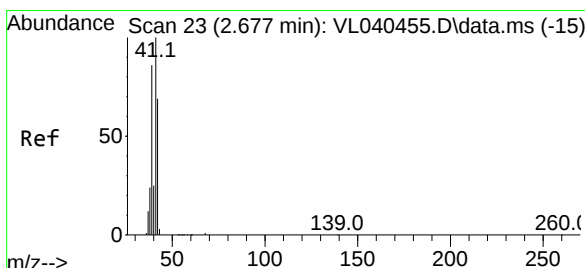
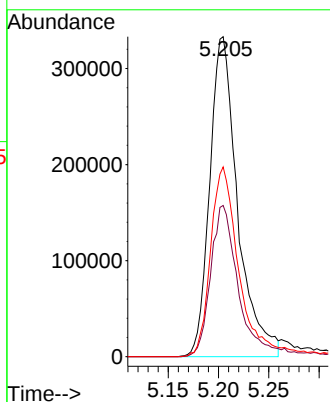
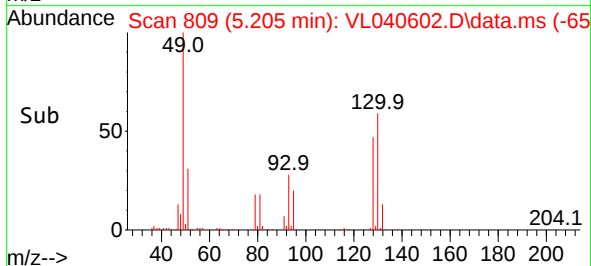
Instrument :
MSVOA_L
ClientSampleId :
SV-2



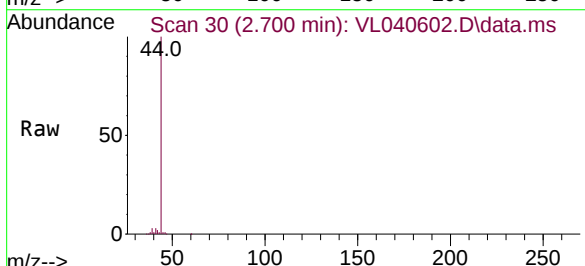
Tgt Ion: 49 Resp: 643430
Ion Ratio Lower Upper
49 100
128 49.8 25.1 75.4
130 62.2 31.6 94.7

Manual Integrations
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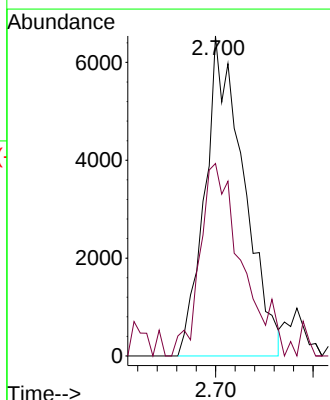
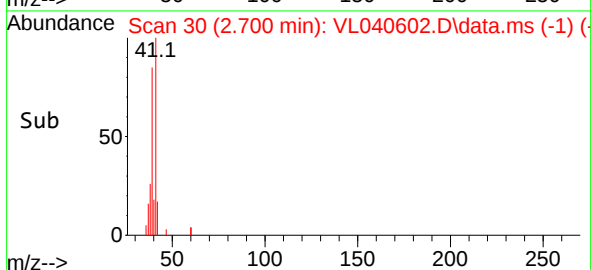
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Supervised By :Mahesh Dadoda 08/09/2023

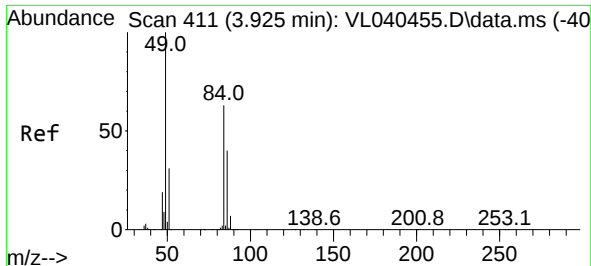


#9
Propene
Concen: 0.258 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14



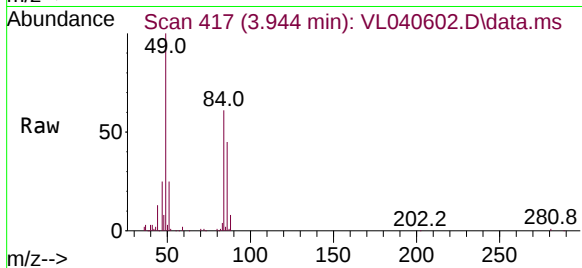
Tgt Ion: 41 Resp: 9018
Ion Ratio Lower Upper
41 100
42 72.1 55.0 82.6





#20
Methylene Chloride
Concen: 1.501 ppbv
RT: 3.944 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

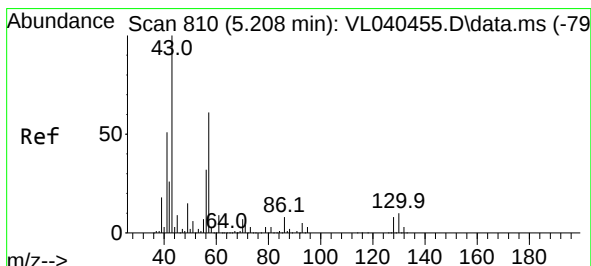
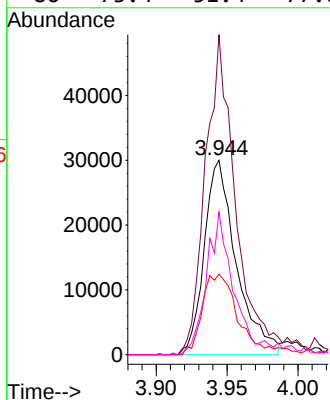
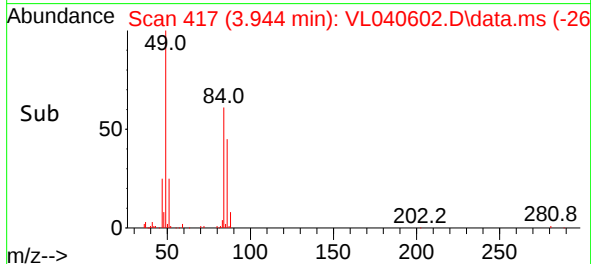
Instrument :
MSVOA_L
ClientSampleId :
SV-2



Tgt Ion: 84 Resp: 47290
Ion Ratio Lower Upper
84 100
49 164.1 123.4 185.2
51 41.5 38.3 57.5
86 73.4 51.4 77.0

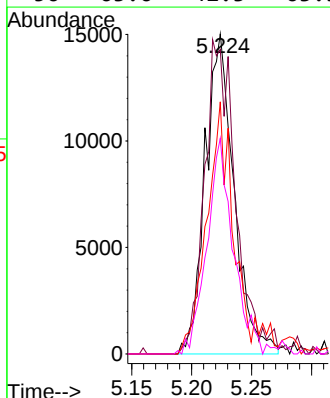
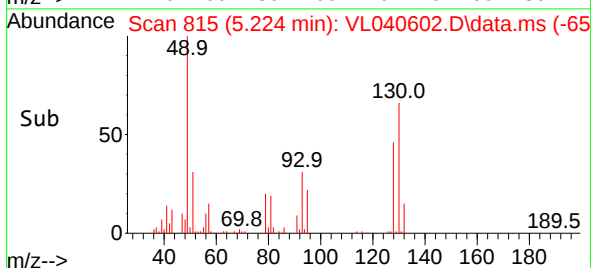
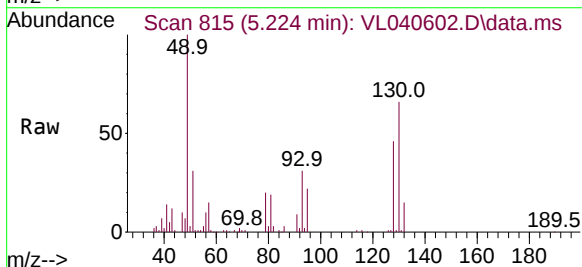
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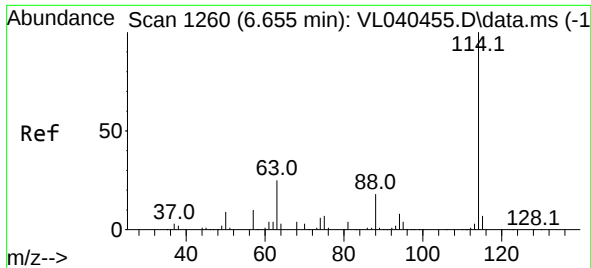
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#26
Hexane
Concen: 0.383 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

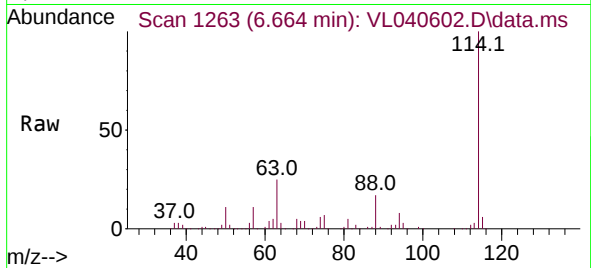
Tgt Ion: 57 Resp: 25116
Ion Ratio Lower Upper
57 100
41 107.5 69.5 104.3#
43 80.0 177.1 265.7#
56 63.6 42.3 63.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

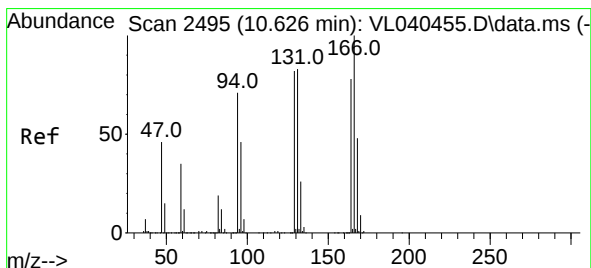
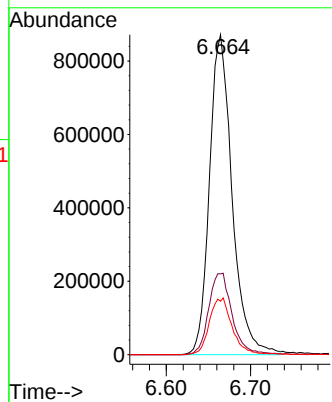
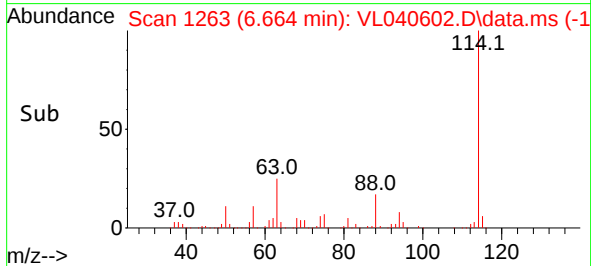
Instrument :
MSVOA_L
ClientSampleId :
SV-2



Tgt Ion:114 Resp: 1629034
Ion Ratio Lower Upper
114 100
63 26.7 19.6 29.4
88 18.1 14.2 21.2

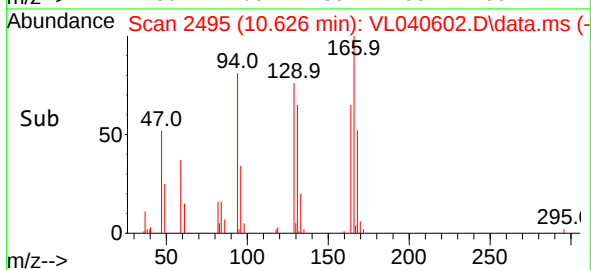
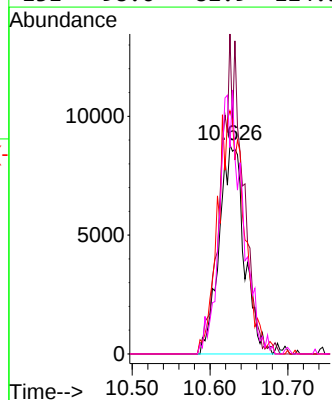
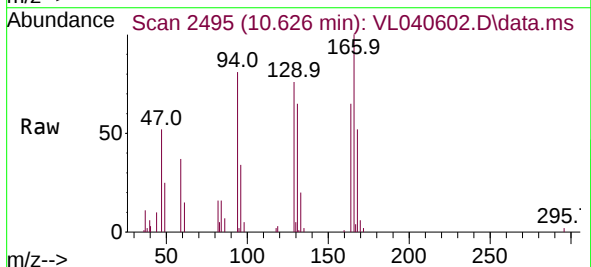
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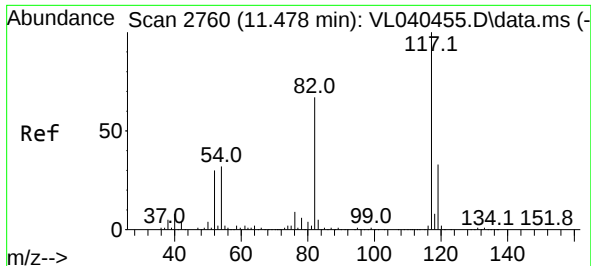
Reviewed By :Semsettin Yesilyurt 08/08/2023
Supervised By :Mahesh Dadoda 08/09/2023



#52
Tetrachloroethene
Concen: 0.471 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

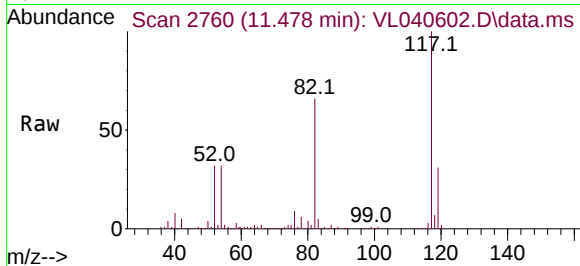
Tgt Ion:164 Resp: 19989
Ion Ratio Lower Upper
164 100
166 152.8 103.9 155.9
129 116.2 84.6 126.8
131 98.6 82.9 124.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14

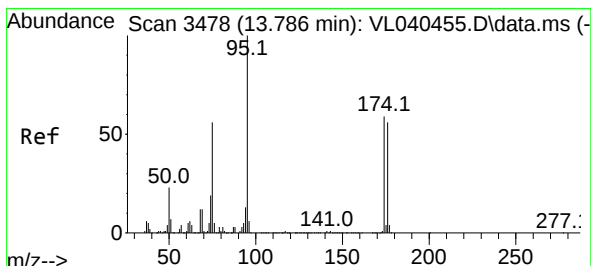
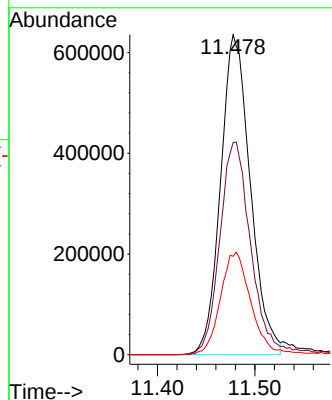
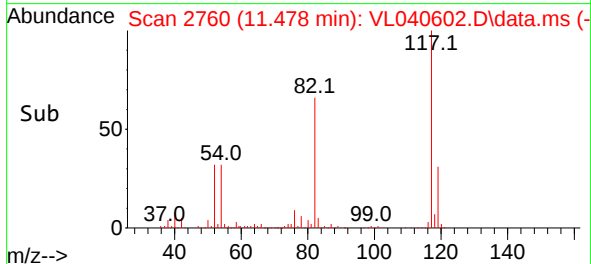
Instrument :
MSVOA_L
ClientSampleId :
SV-2



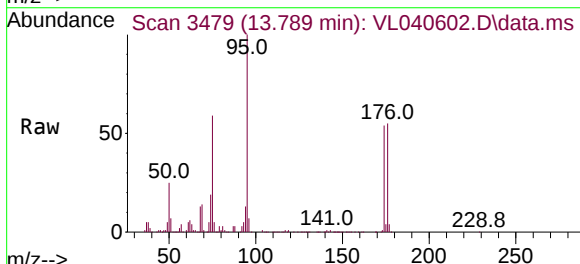
Tgt Ion:117 Resp: 134665
Ion Ratio Lower Upper
117 100
82 71.0 50.2 75.4
119 33.3 26.9 40.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/08/2023
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.029 ppbv
RT: 13.789 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL040602.D
Acq: 7 Aug 2023 17:14



Tgt Ion: 95 Resp: 1068921
Ion Ratio Lower Upper
95 100
174 61.1 50.6 75.8
175 4.1 3.7 5.5

