

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040680.D
 Acq On : 8 Sep 2023 9:51
 Operator : SY/MD
 Sample : 04323-01DL2 600X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 00:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	789665	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2093550	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1891503	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1482509	9.855	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
						Qvalue
15) Acetone	3.488	43	18929	0.196	ppbv	93
20) Methylene Chloride	3.928	84	19813	0.420	ppbv	92
26) Hexane	5.205	57	8361m	0.095	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	5801m	0.073	ppbv	
38) Trichloroethene	7.288	130	26824m	0.416	ppbv	
52) Tetrachloroethene	10.619	164	533289	10.224	ppbv	95

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

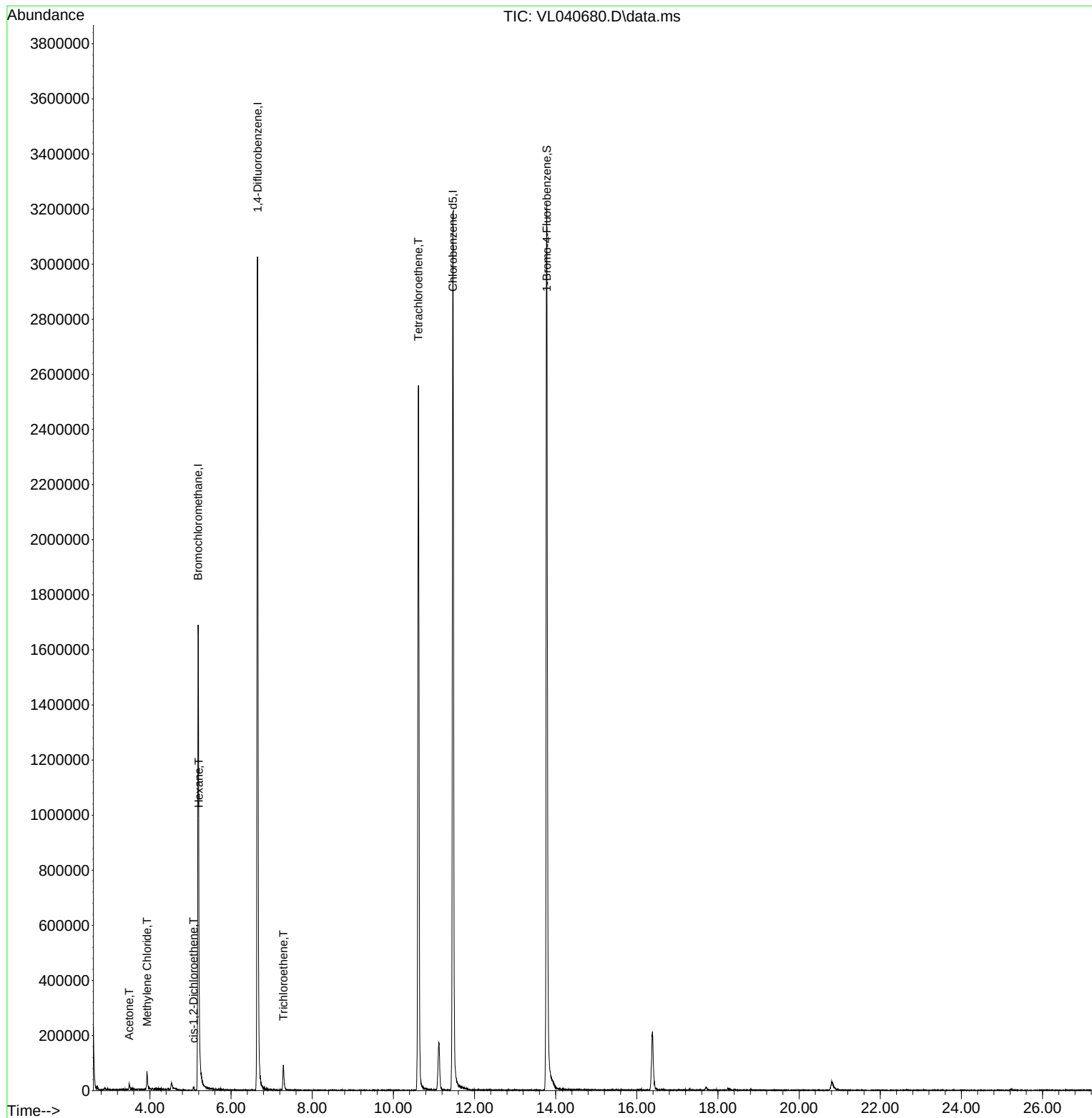
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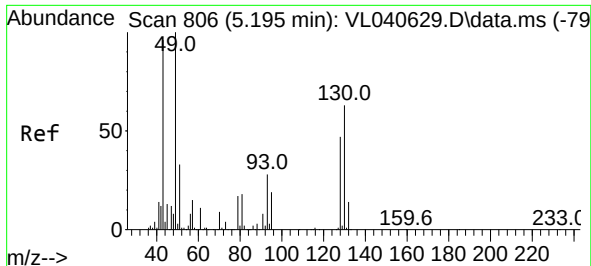
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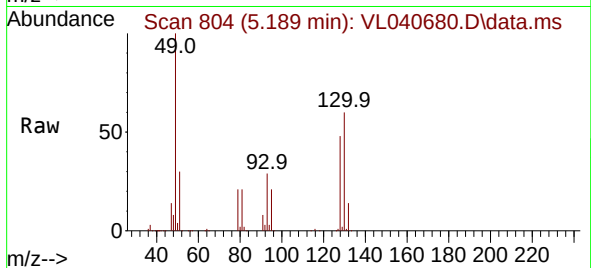
Reviewed By : Semsettin Yesilyurt 09/11/2023
Supervised By : Mahesh Dadoda 09/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040680.D
Acq: 8 Sep 2023 9:51

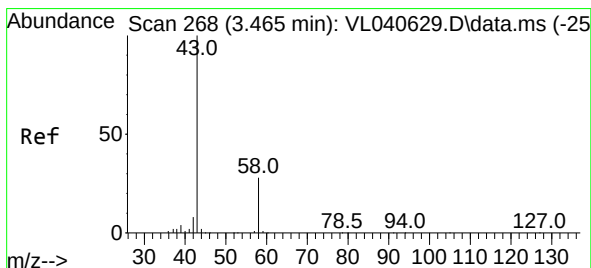
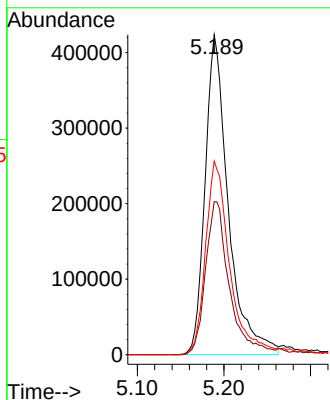
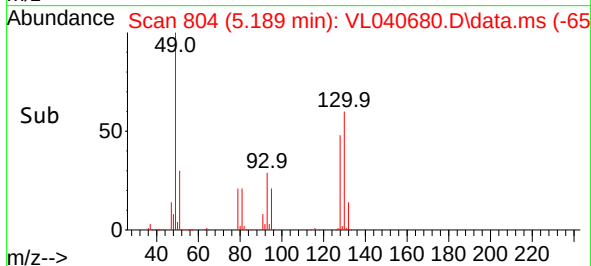
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



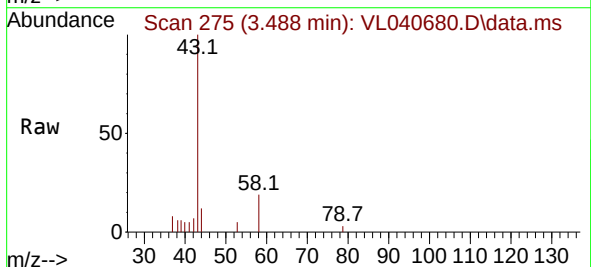
Tgt Ion: 49 Resp: 78966
Ion Ratio Lower Upper
49 100
128 50.6 24.9 74.7
130 64.8 32.2 96.6

Manual Integrations
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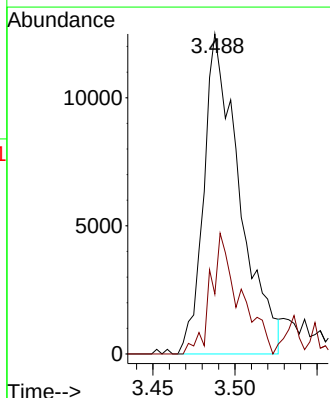
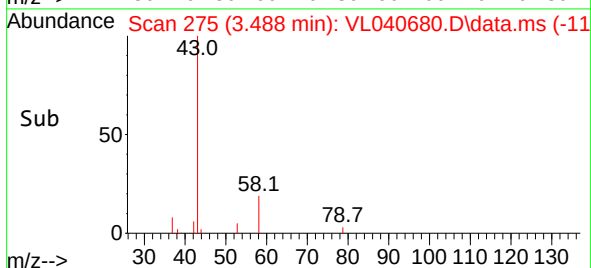
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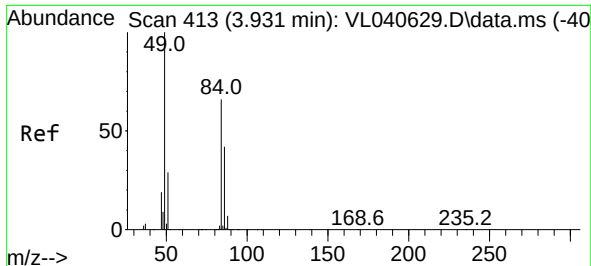


#15
Acetone
Concen: 0.196 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.023 min
Lab File: VL040680.D
Acq: 8 Sep 2023 9:51



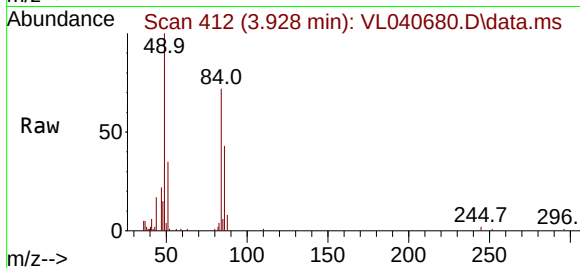
Tgt Ion: 43 Resp: 18929
Ion Ratio Lower Upper
43 100
58 31.6 22.4 33.6





#20
Methylene Chloride
Concen: 0.420 ppbv
RT: 3.928 min Scan# 413
Delta R.T. -0.003 min
Lab File: VL040680.D
Acq: 8 Sep 2023 9:51

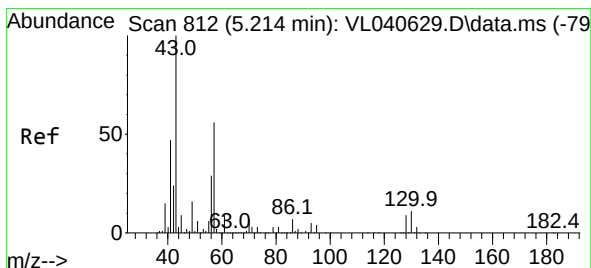
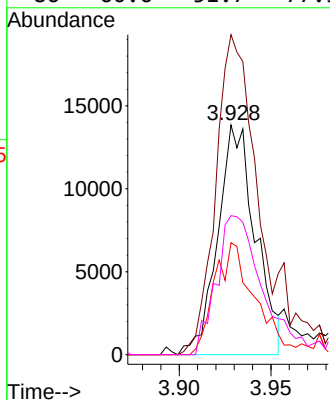
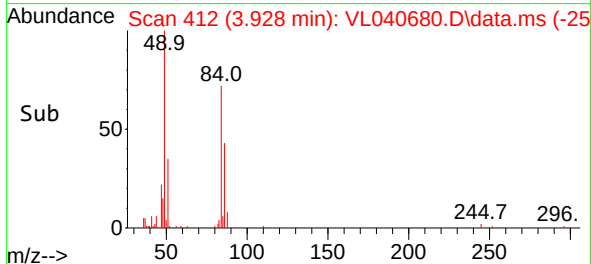
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



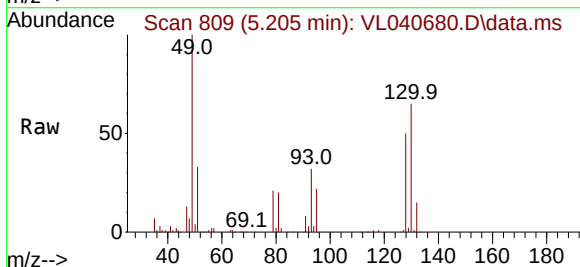
Tgt Ion: 84 Resp: 1981
Ion Ratio Lower Upper
84 100
49 139.3 122.1 183.1
51 48.8 35.4 53.2
86 60.6 51.7 77.5

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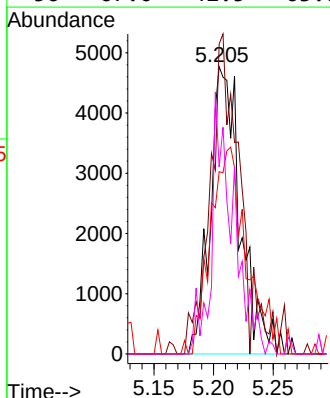
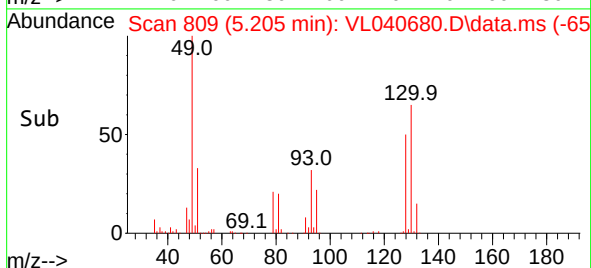
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

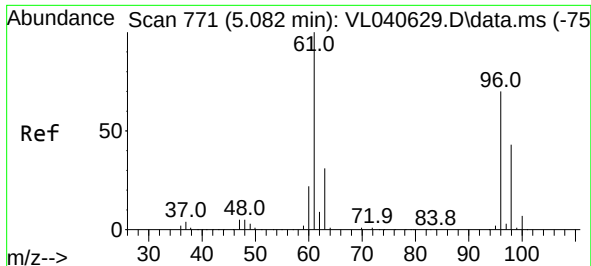


#26
Hexane
Concen: 0.095 ppbv m
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040680.D
Acq: 8 Sep 2023 9:51



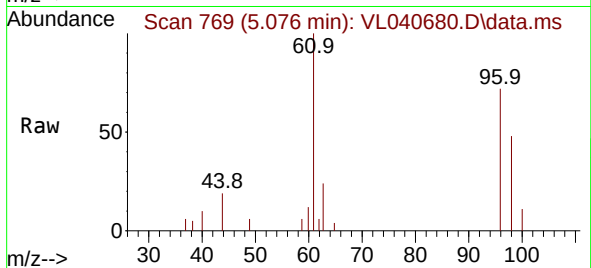
Tgt Ion: 57 Resp: 8361
Ion Ratio Lower Upper
57 100
41 110.0 69.3 103.9#
43 0.0 177.9 266.9#
56 67.0 42.5 63.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.073 ppbv m
 RT: 5.076 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VL040680.D
 Acq: 8 Sep 2023 9:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

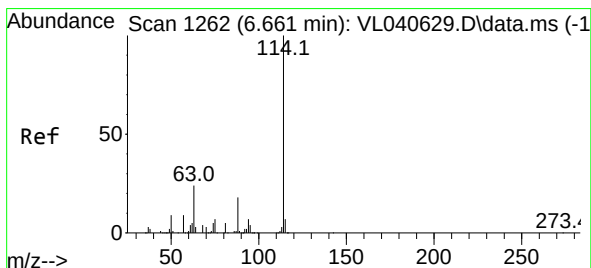
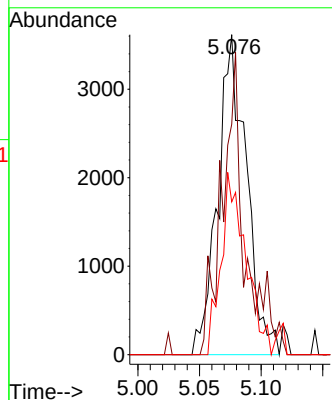
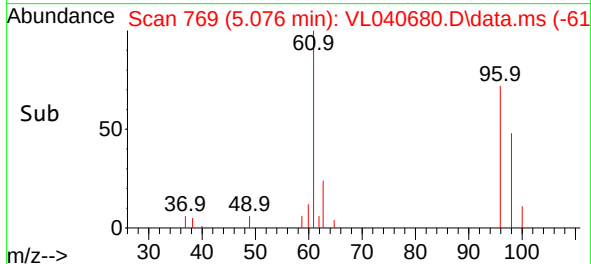


Tgt Ion: 61 Resp: 580

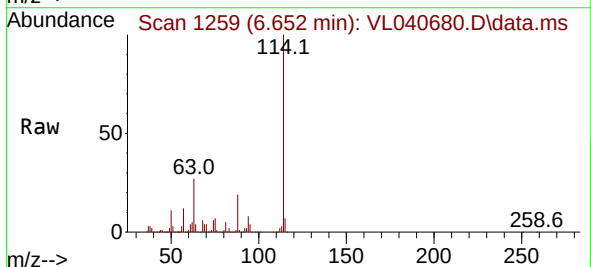
Ion	Ratio	Lower	Upper
61	100		
96	72.0	55.8	83.6
98	47.7	34.8	52.2

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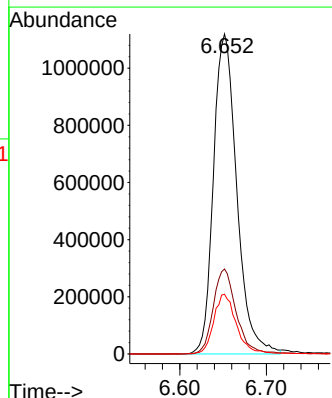
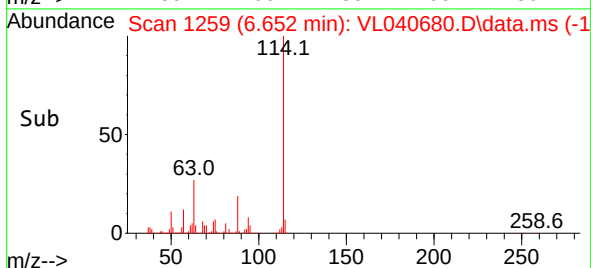


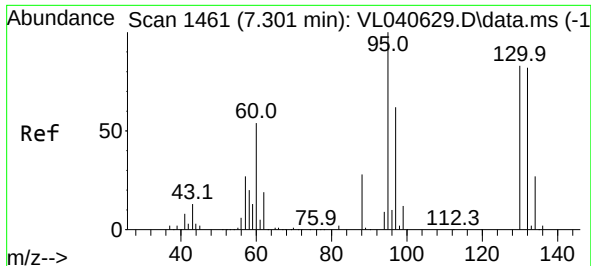
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.652 min Scan# 1259
 Delta R.T. -0.010 min
 Lab File: VL040680.D
 Acq: 8 Sep 2023 9:51



Tgt Ion: 114 Resp: 2093550

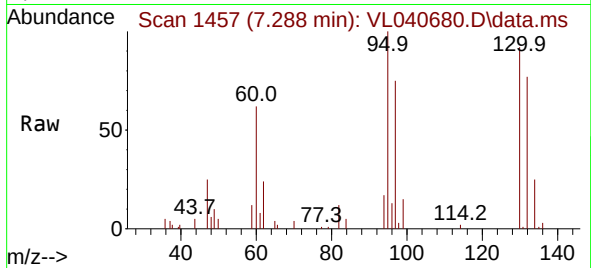
Ion	Ratio	Lower	Upper
114	100		
63	26.3	20.2	30.2
88	18.2	14.1	21.1





#38
 Trichloroethene
 Concen: 0.416 ppbv m
 RT: 7.288 min Scan# 1461
 Delta R.T. -0.013 min
 Lab File: VL040680.D
 Acq: 8 Sep 2023 9:51

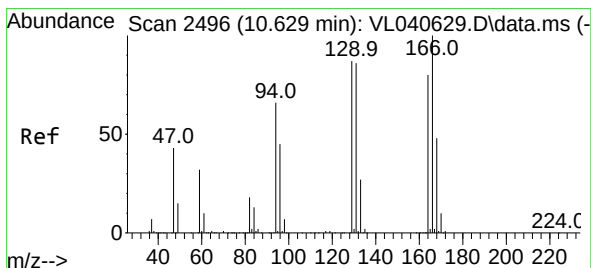
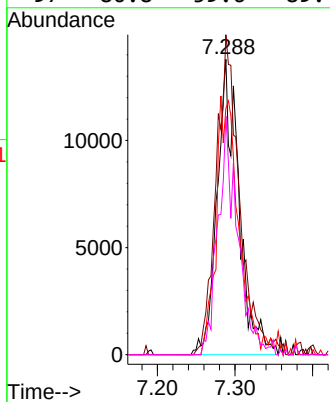
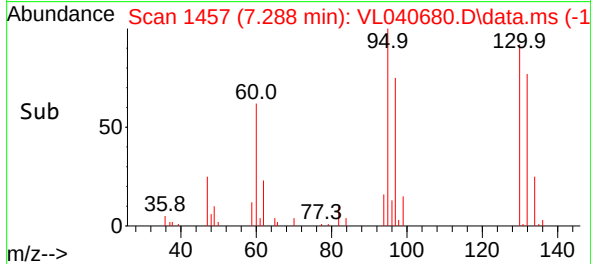
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2



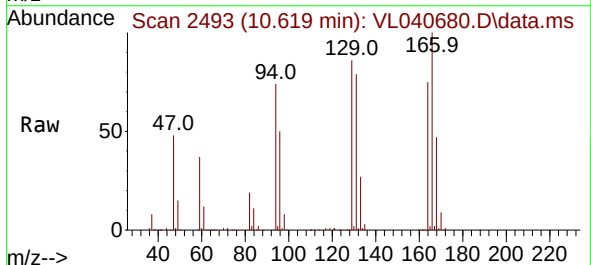
Tgt Ion:130 Resp: 26824
 Ion Ratio Lower Upper
 130 100
 95 108.3 95.9 143.9
 132 83.4 79.0 118.4
 97 80.8 59.6 89.4

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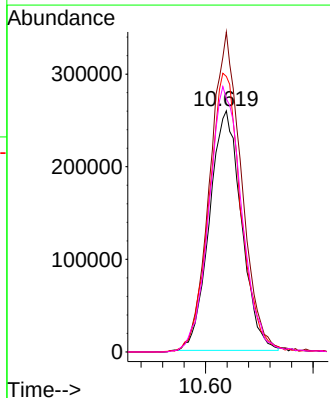
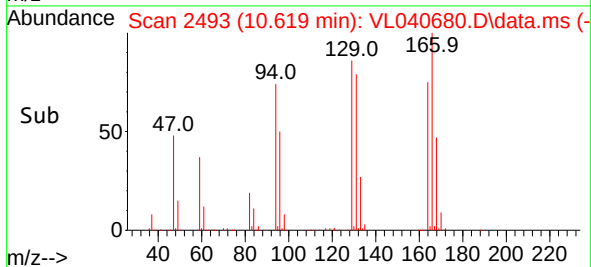
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 Supervised By :Mahesh Dadoda 09/11/2023

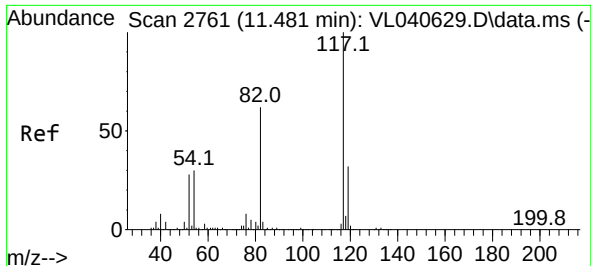


#52
 Tetrachloroethene
 Concen: 10.224 ppbv
 RT: 10.619 min Scan# 2493
 Delta R.T. -0.010 min
 Lab File: VL040680.D
 Acq: 8 Sep 2023 9:51



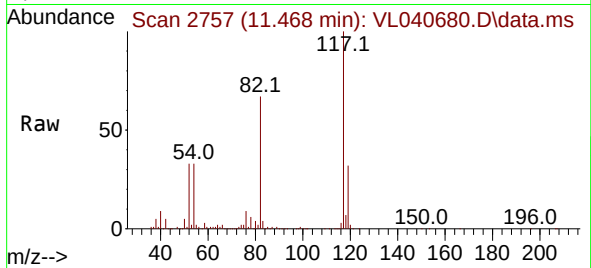
Tgt Ion:164 Resp: 533289
 Ion Ratio Lower Upper
 164 100
 166 132.8 99.5 149.3
 129 114.0 86.9 130.3
 131 105.0 85.6 128.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040680.D
Acq: 8 Sep 2023 9:51

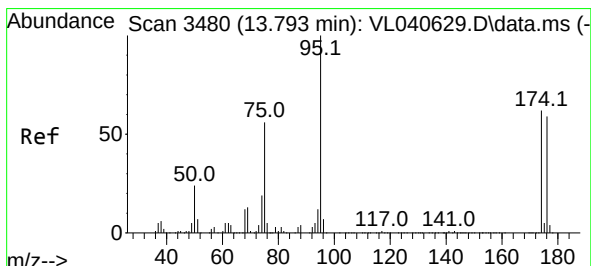
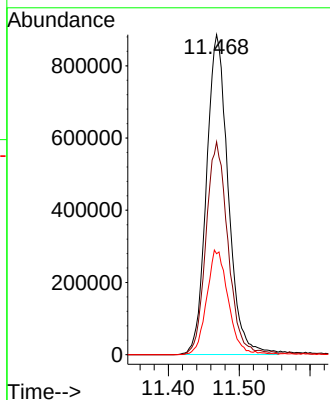
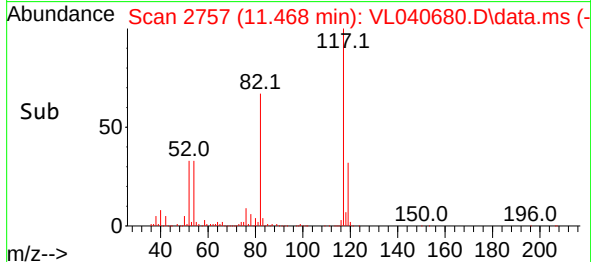
Instrument :
MSVOA_L
ClientSampleId :
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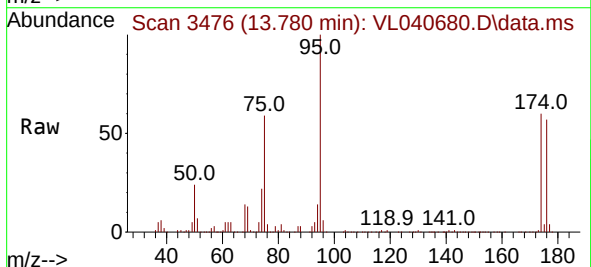
Tgt Ion: 117 Resp: 189150
Ion Ratio Lower Upper
117 100
82 67.7 49.5 74.3
119 32.6 24.5 36.7

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.855 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.013 min
Lab File: VL040680.D
Acq: 8 Sep 2023 9:51



Tgt Ion: 95 Resp: 1482509
Ion Ratio Lower Upper
95 100
174 63.2 49.1 73.7
175 4.3 3.7 5.5

