

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040677.D
 Acq On : 7 Sep 2023 20:53
 Operator : SY/MD
 Sample : 04323-01 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Quant Time: Sep 07 21:46:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.189	49	823724	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2194870	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2007268	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1594380	9.987	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
9) Propene	2.693	41	5327	0.127	ppbv	88
15) Acetone	3.478	43	65637	0.651	ppbv	91
20) Methylene Chloride	3.928	84	55907	1.135	ppbv	93
22) trans-1,2-Dichloroethene	4.449	96	4372m	0.092	ppbv	
26) Hexane	5.208	57	28416	0.310	ppbv #	33
31) cis-1,2-Dichloroethene	5.076	61	67652	0.819	ppbv #	93
38) Trichloroethene	7.295	130	398106	5.888	ppbv	96
52) Tetrachloroethene	10.629	164	8094215	148.017	ppbv	95

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

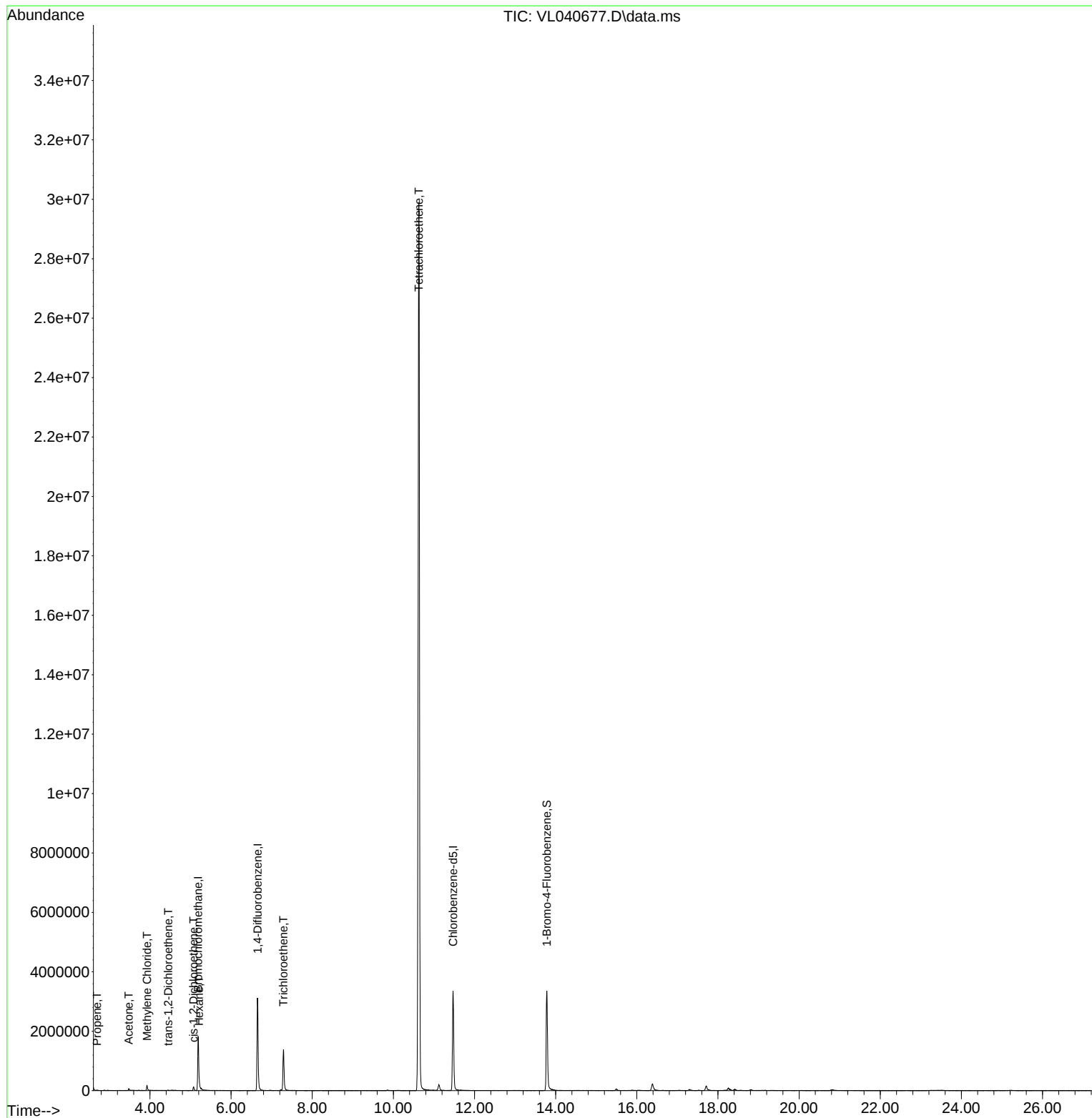
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
Data File : VL040677.D
Acq On : 7 Sep 2023 20:53
Operator : SY/MD
Sample : 04323-01 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

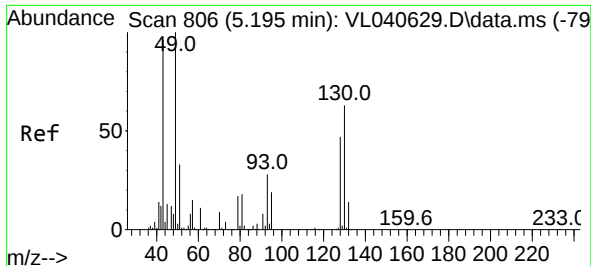
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Sep 07 21:46:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

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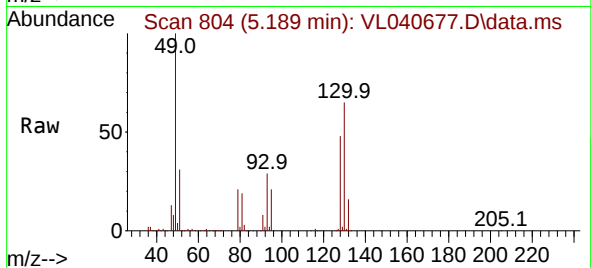
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

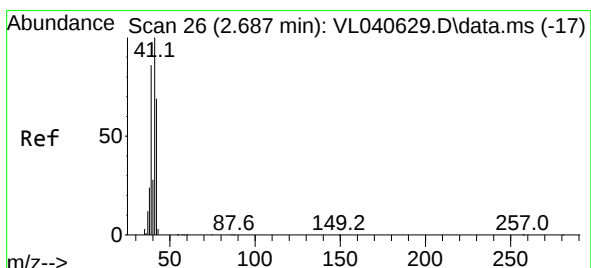
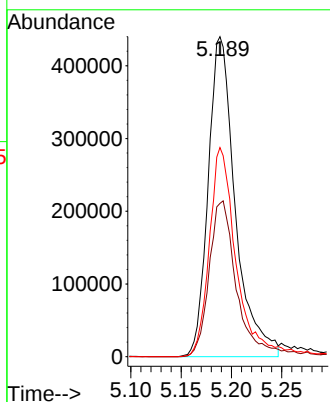
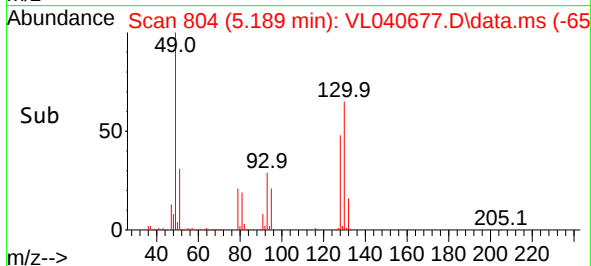
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 49 Resp: 823724
Ion Ratio Lower Upper
49 100
128 51.3 24.9 74.7
130 67.3 32.2 96.6

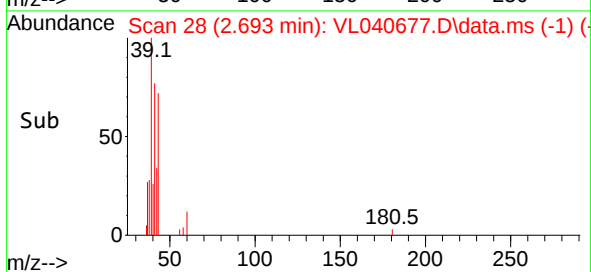
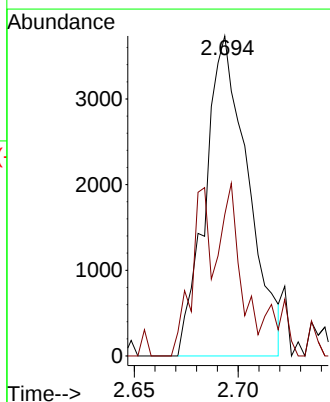
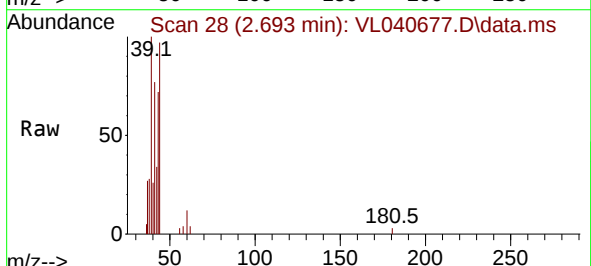
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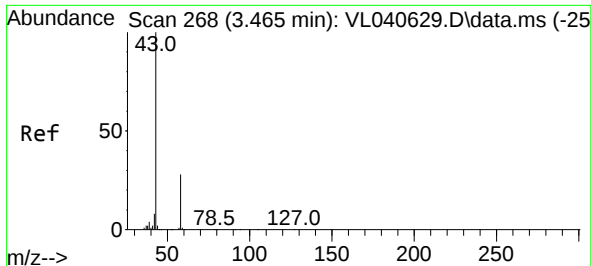
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#9
Propene
Concen: 0.127 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.006 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

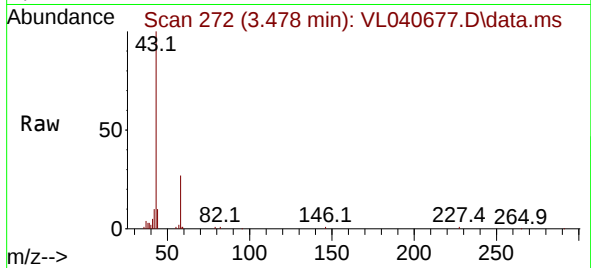
Tgt Ion: 41 Resp: 5327
Ion Ratio Lower Upper
41 100
42 60.7 56.5 84.7





#15
Acetone
Concen: 0.651 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

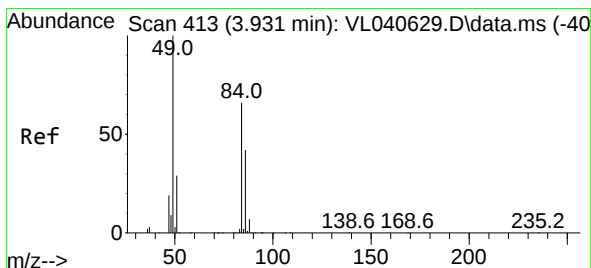
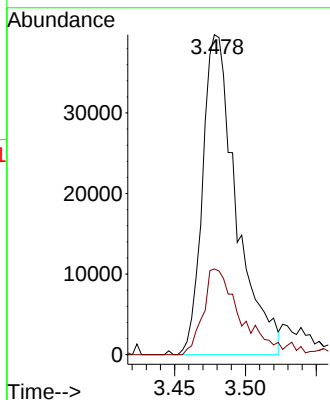
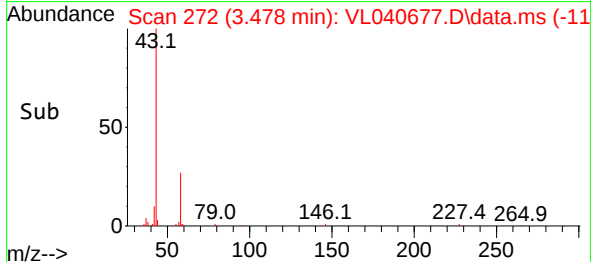
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 43 Resp: 6563
Ion Ratio Lower Upper
43 100
58 32.8 22.4 33.6

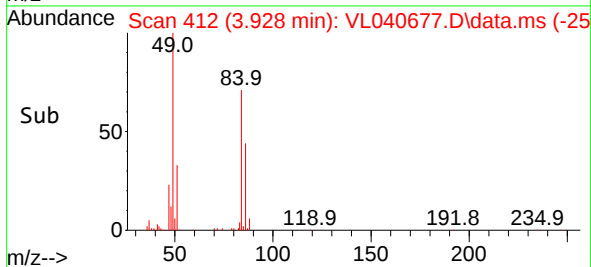
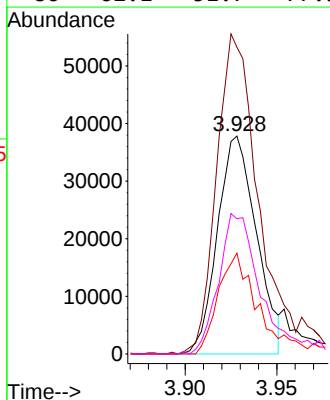
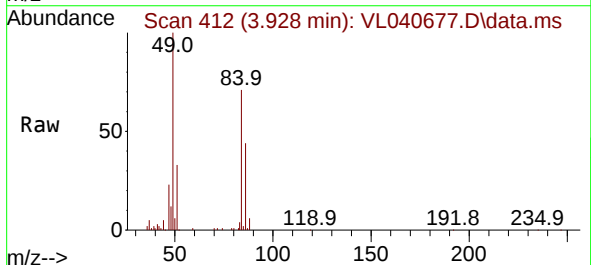
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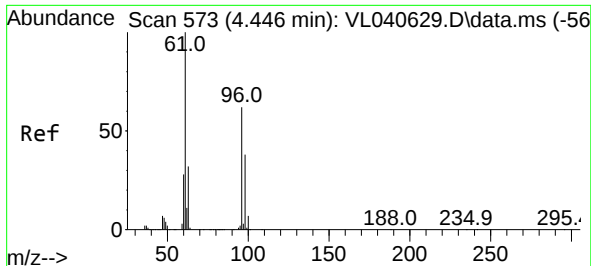
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 1.135 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

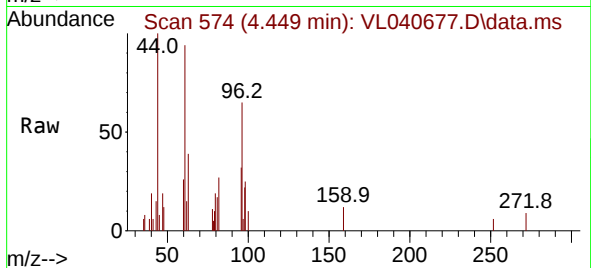
Tgt Ion: 84 Resp: 55907
Ion Ratio Lower Upper
84 100
49 140.8 122.1 183.1
51 46.2 35.4 53.2
86 62.1 51.7 77.5





#22
trans-1,2-Dichloroethene
Concen: 0.092 ppbv m
RT: 4.449 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

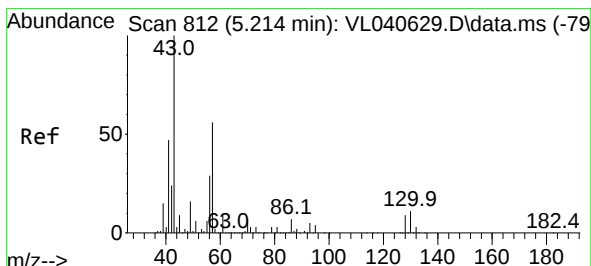
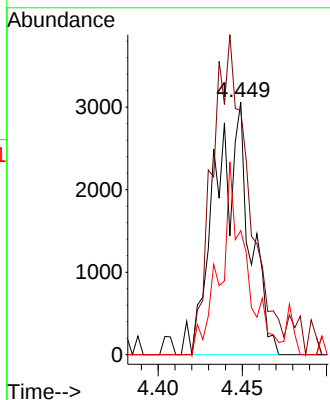
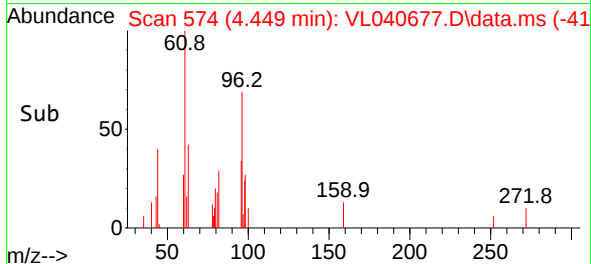
Instrument :
MSVOA_L
ClientSampleId :
SV1



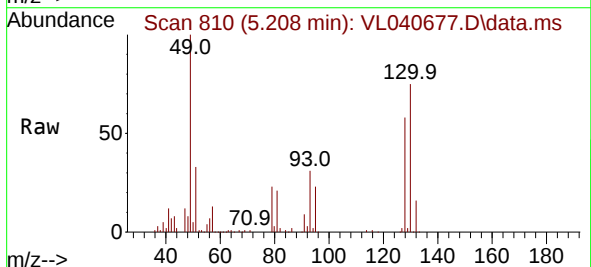
Tgt Ion: 96 Resp: 4372
Ion Ratio Lower Upper
96 100
61 144.4 128.1 192.1
98 38.9 48.1 72.1

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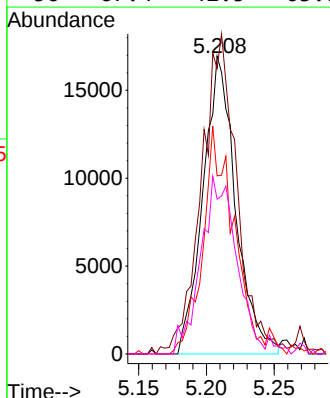
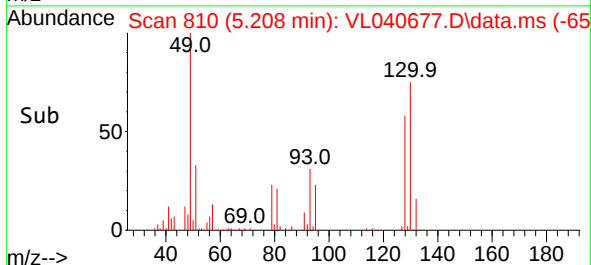
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

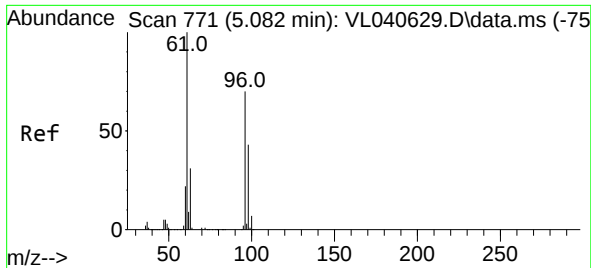


#26
Hexane
Concen: 0.310 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53



Tgt Ion: 57 Resp: 28416
Ion Ratio Lower Upper
57 100
41 116.6 69.3 103.9#
43 75.3 177.9 266.9#
56 67.4 42.5 63.7#





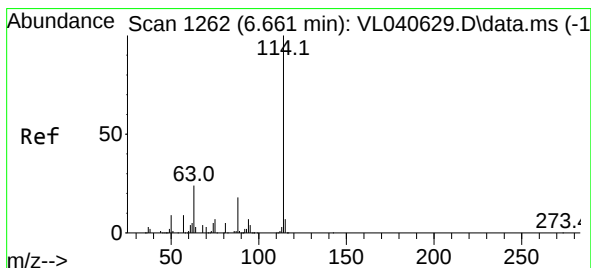
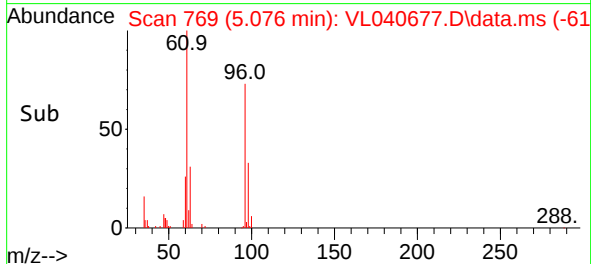
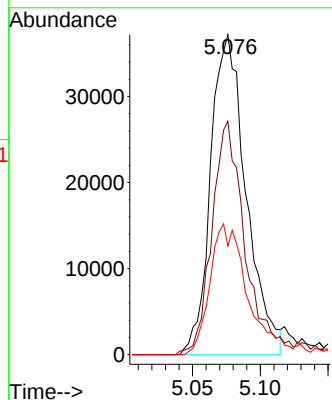
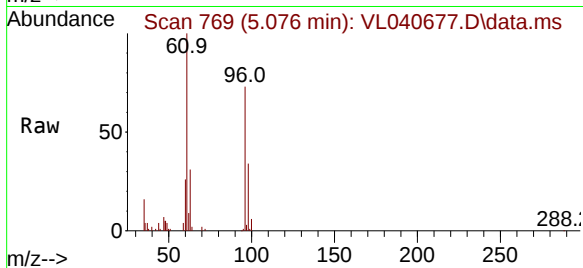
#31
cis-1,2-Dichloroethene
Concen: 0.819 ppbv
RT: 5.076 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 61 Resp: 67652
Ion Ratio Lower Upper
61 100
96 71.8 55.8 83.6
98 34.0 34.8 52.2

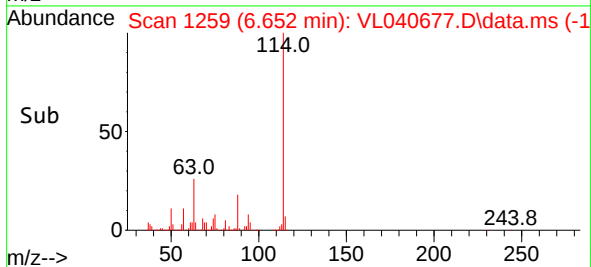
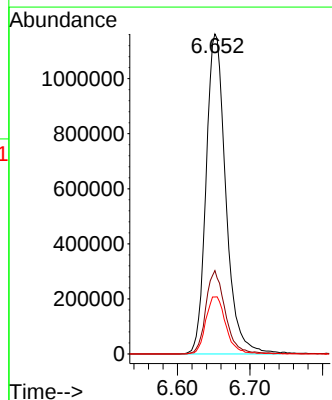
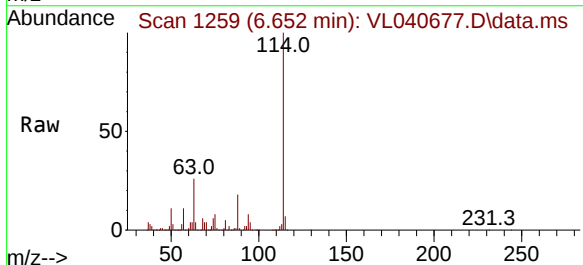
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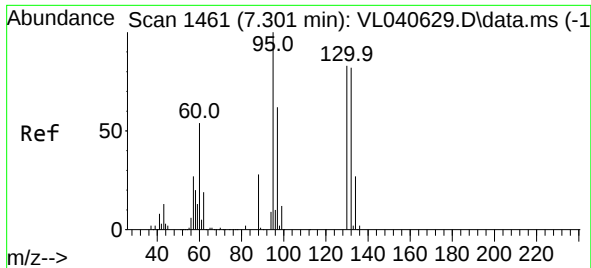
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.010 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

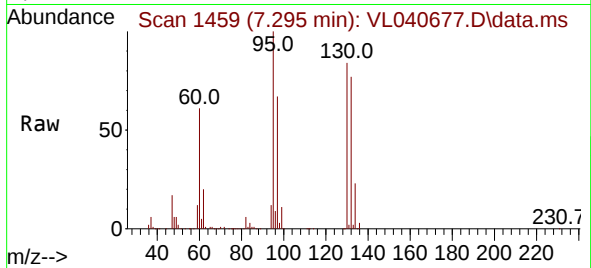
Tgt Ion:114 Resp: 2194870
Ion Ratio Lower Upper
114 100
63 25.9 20.2 30.2
88 18.3 14.1 21.1





#38
 Trichloroethene
 Concen: 5.888 ppbv
 RT: 7.295 min Scan# 1459
 Delta R.T. -0.006 min
 Lab File: VL040677.D
 Acq: 7 Sep 2023 20:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

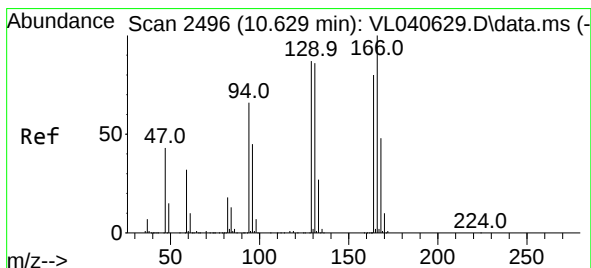
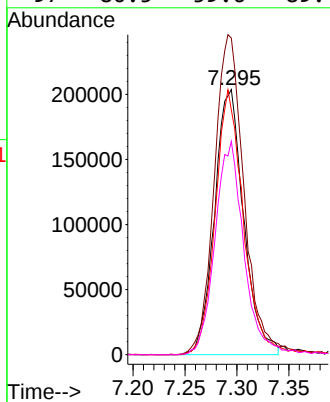
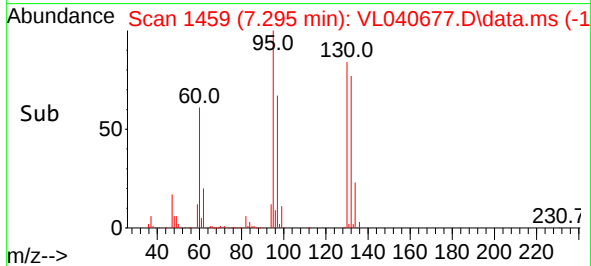


Tgt Ion:130 Resp: 398100

Ion	Ratio	Lower	Upper
130	100		
95	119.3	95.9	143.9
132	92.3	79.0	118.4
97	80.5	59.6	89.4

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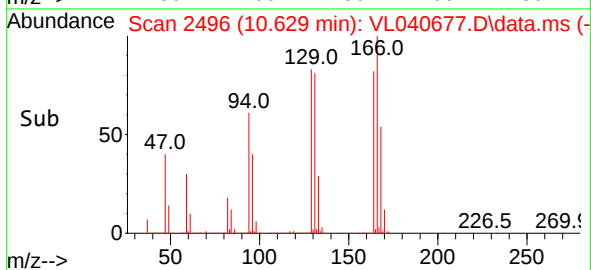
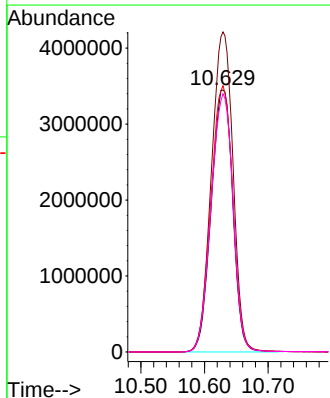
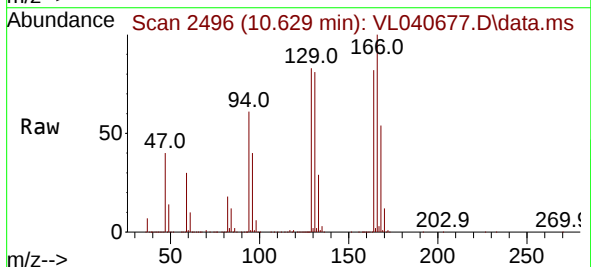
Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

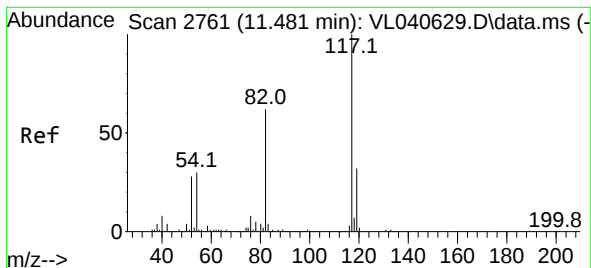


#52
 Tetrachloroethene
 Concen: 148.017 ppbv
 RT: 10.629 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: VL040677.D
 Acq: 7 Sep 2023 20:53

Tgt Ion:164 Resp: 8094215

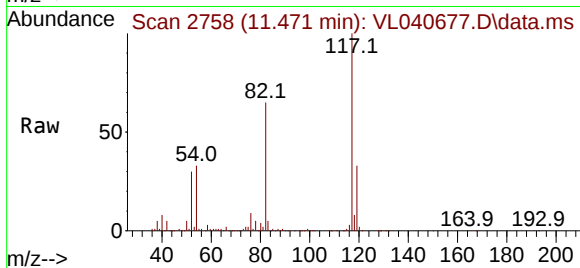
Ion	Ratio	Lower	Upper
164	100		
166	122.2	99.5	149.3
129	101.7	86.9	130.3
131	98.6	85.6	128.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

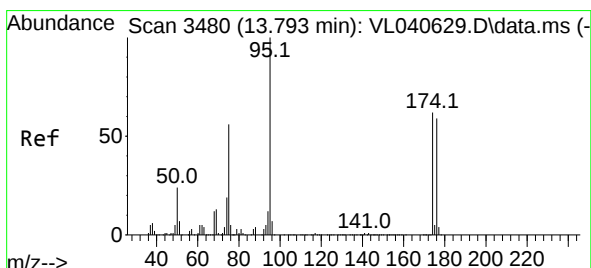
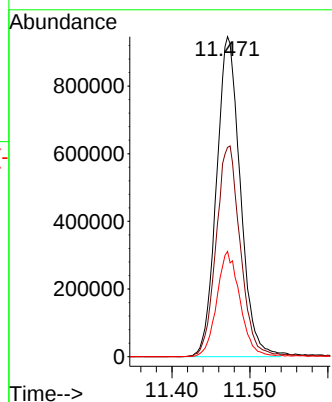
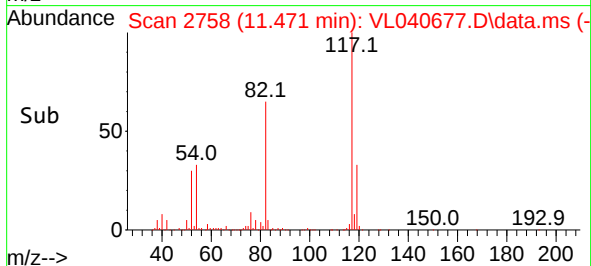
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:117 Resp: 2007268
Ion Ratio Lower Upper
117 100
82 67.6 49.5 74.3
119 32.6 24.5 36.7

Manual Integrations
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Supervised By :Mahesh Dadoda 09/11/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.987 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.010 min
Lab File: VL040677.D
Acq: 7 Sep 2023 20:53

Tgt Ion: 95 Resp: 1594380
Ion Ratio Lower Upper
95 100
174 62.3 49.1 73.7
175 4.3 3.7 5.5

