

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
 Data File : VL040696.D
 Acq On : 18 Sep 2023 12:53
 Operator : SY/MD
 Sample : 04468-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
 Supervised By :Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 05:17:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 18 2023
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1155050	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3156487	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2635347	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1958119	9.617	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
13) Ethanol	3.279	45	12494	0.779	ppbv	89
15) Acetone	3.497	43	236403	1.552	ppbv	95
20) Methylene Chloride	3.947	84	54411	0.664	ppbv	98
26) Hexane	5.224	57	42366m	0.365	ppbv	
29) Chloroform	5.288	83	20120m	0.100	ppbv	
38) Trichloroethene	7.301	130	9647m	0.108	ppbv	
52) Tetrachloroethene	10.626	164	461825	6.057	ppbv	96

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

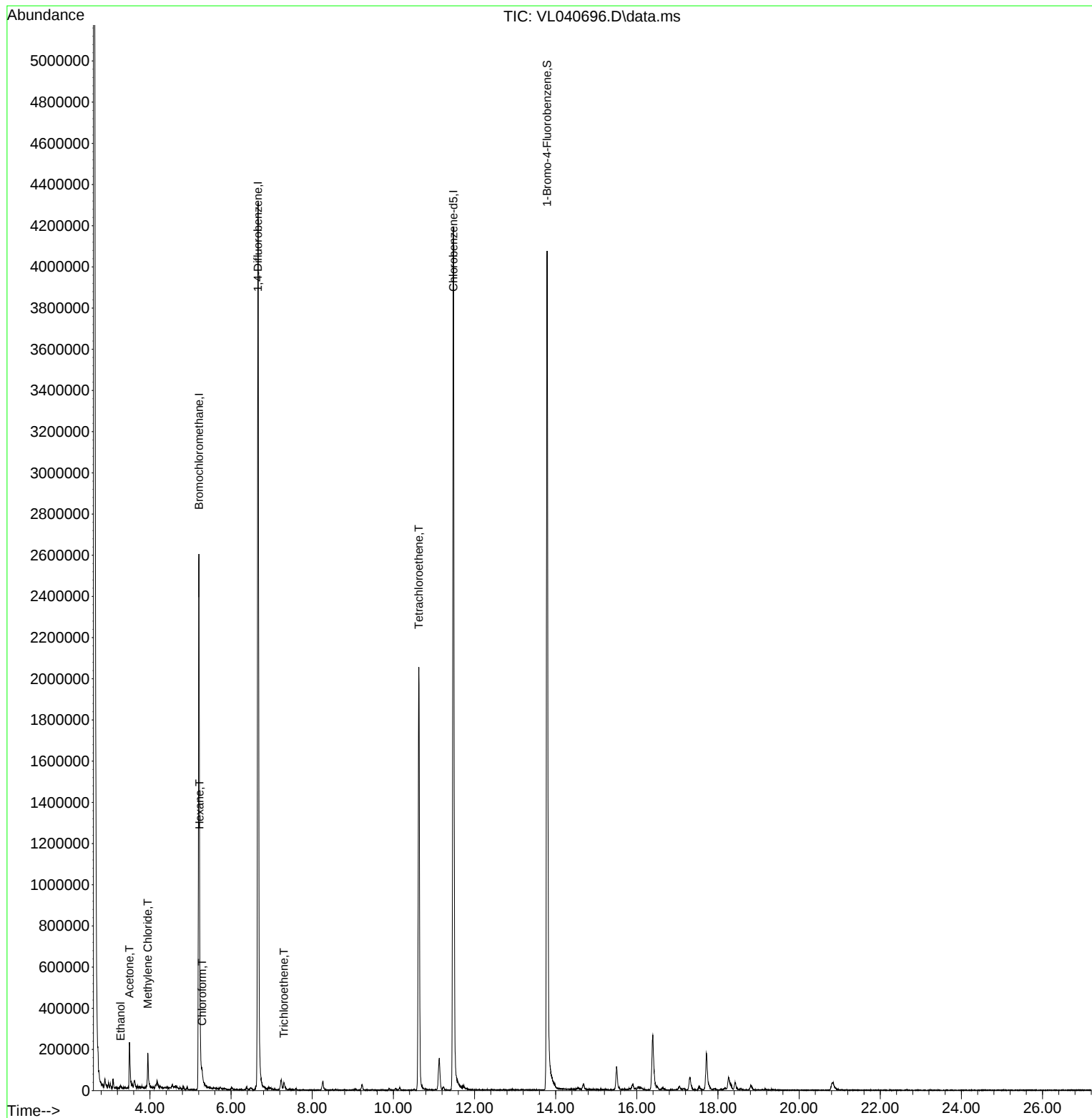
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
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Response via : Initial Calibration

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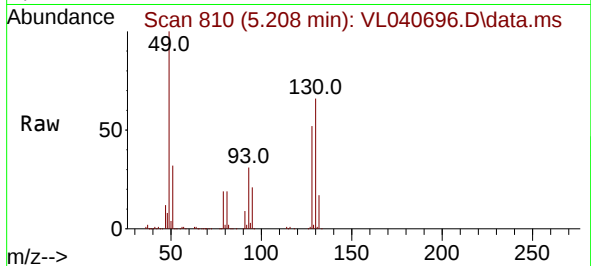
Reviewed By : Semsettin Yesilyurt 09/19/2023
Supervised By : Mahesh Dadoda 09/19/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53

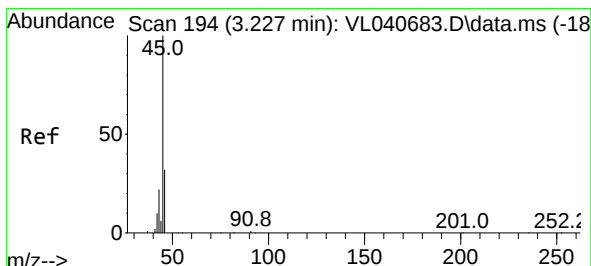
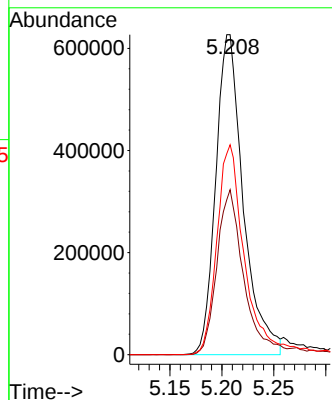
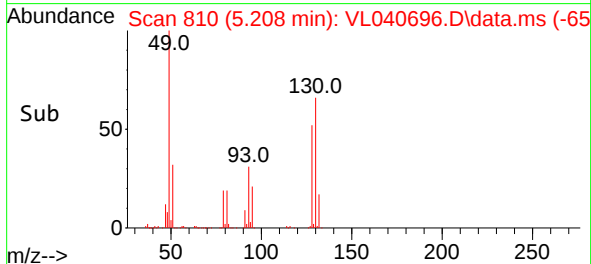
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1155050
Ion Ratio Lower Upper
49 100
128 53.3 25.4 76.0
130 69.5 32.3 96.8

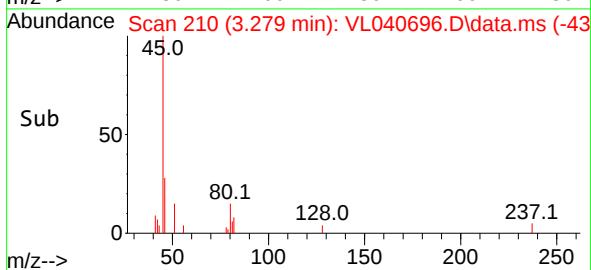
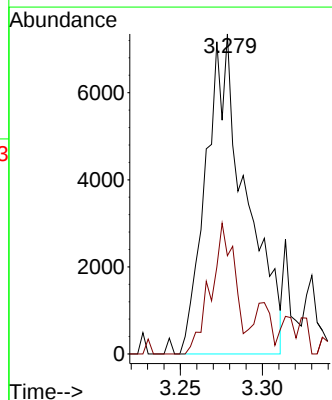
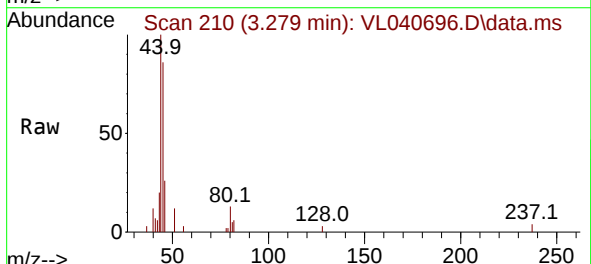
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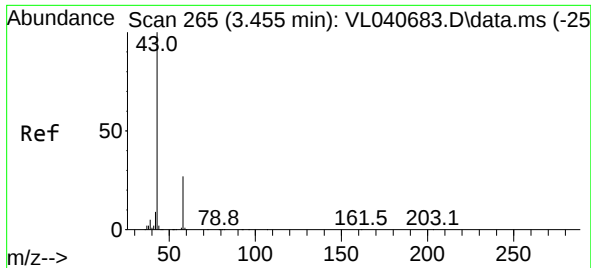
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#13
Ethanol
Concen: 0.779 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.035 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53

Tgt Ion: 45 Resp: 12494
Ion Ratio Lower Upper
45 100
46 31.4 15.2 61.0





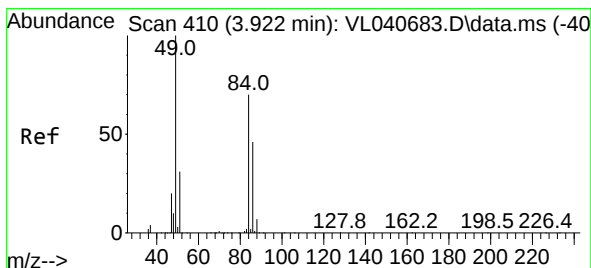
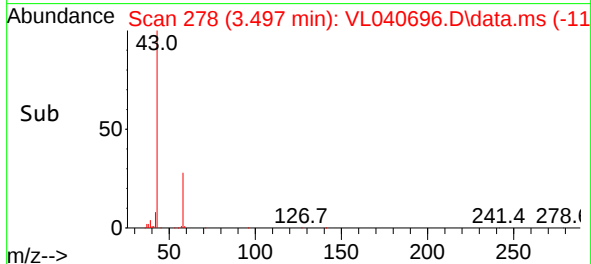
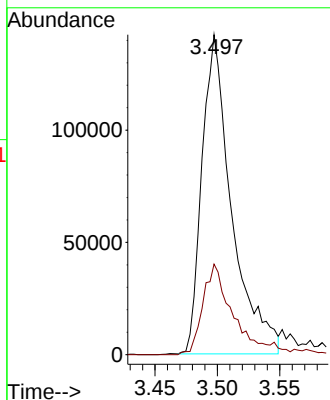
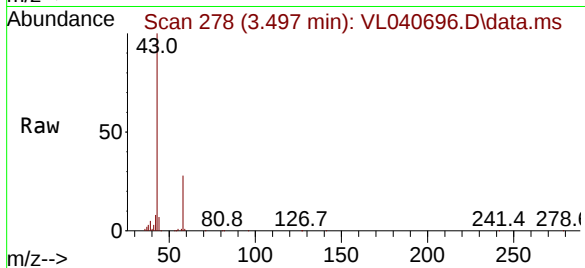
#15
Acetone
Concen: 1.552 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 23640
Ion Ratio Lower Upper
43 100
58 30.8 22.6 34.0

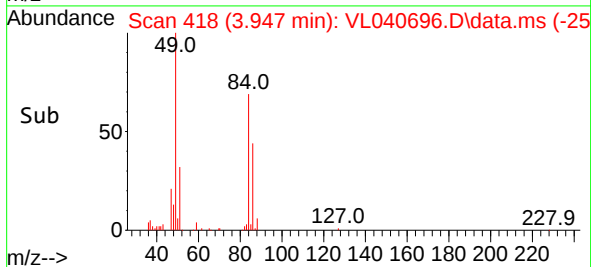
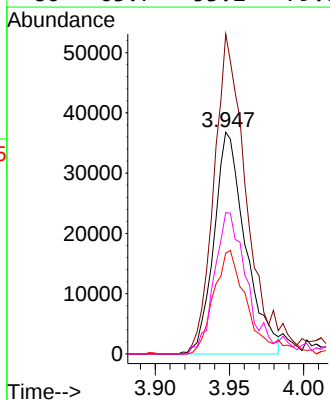
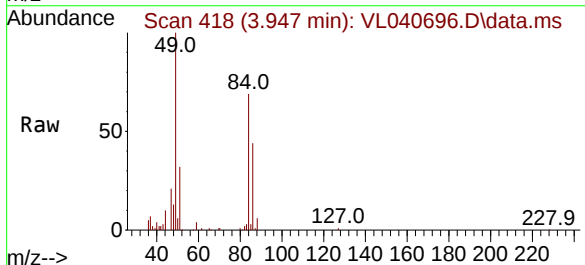
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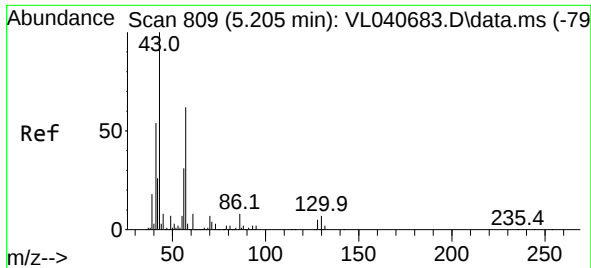
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#20
Methylene Chloride
Concen: 0.664 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53

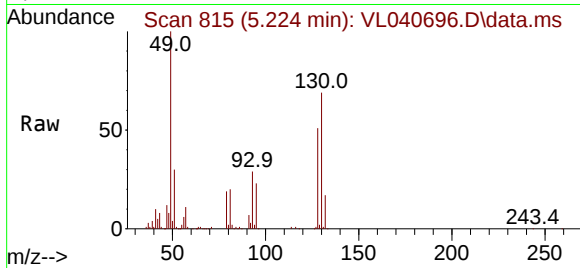
Tgt Ion: 84 Resp: 54411
Ion Ratio Lower Upper
84 100
49 144.3 114.4 171.6
51 45.5 35.5 53.3
86 63.7 53.2 79.8





#26
Hexane
Concen: 0.365 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53

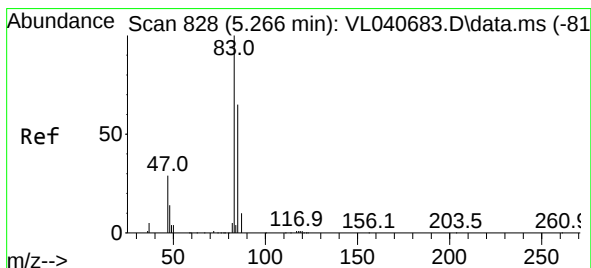
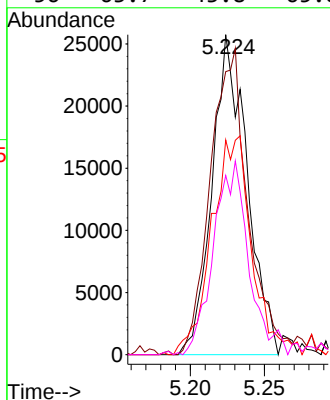
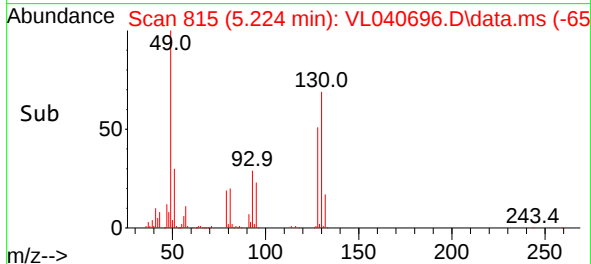
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



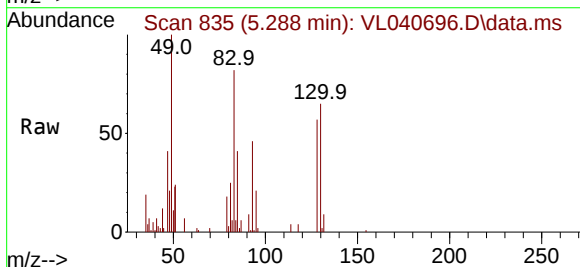
Tgt Ion: 57 Resp: 42360
Ion Ratio Lower Upper
57 100
41 108.1 75.2 112.8
43 80.5 185.6 278.4
56 63.7 43.8 65.8

Manual Integrations
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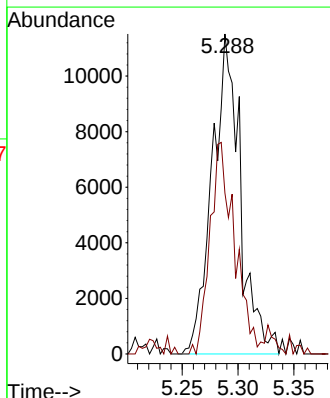
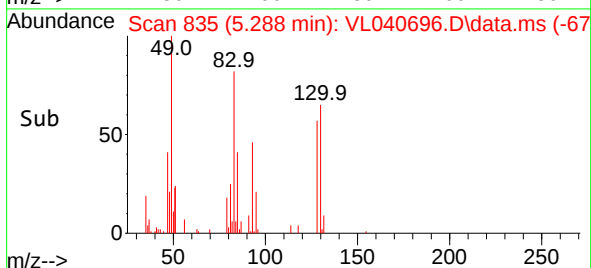
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

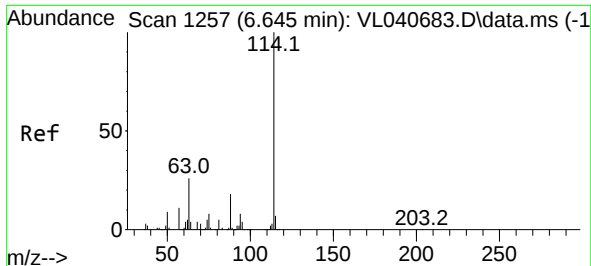


#29
Chloroform
Concen: 0.100 ppbv m
RT: 5.288 min Scan# 835
Delta R.T. 0.006 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53



Tgt Ion: 83 Resp: 20120
Ion Ratio Lower Upper
83 100
85 50.3 51.8 77.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040696.D

Acq: 18 Sep 2023 12:53

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:114 Resp: 315648

Ion Ratio Lower Upper

114 100

63 25.8 21.1 31.7

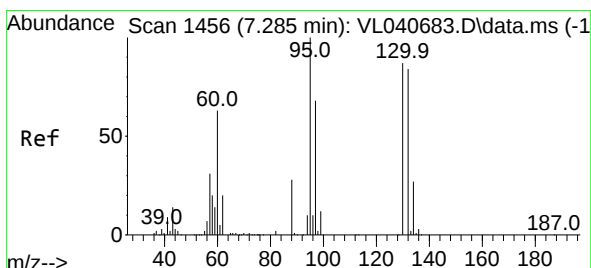
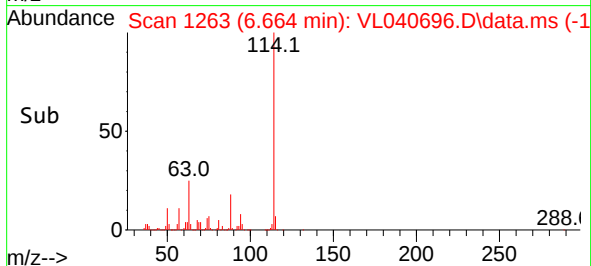
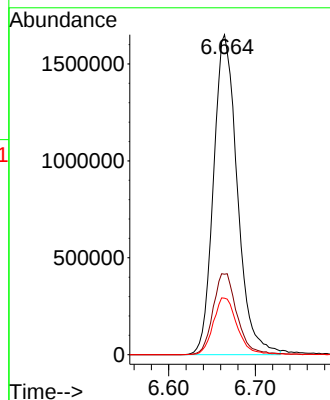
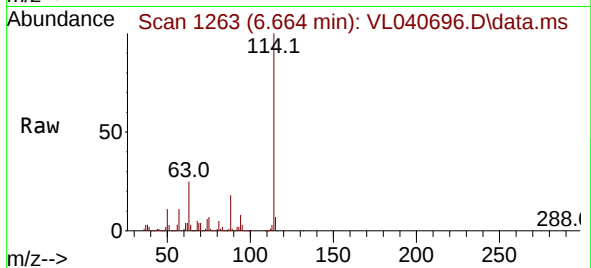
88 18.1 14.5 21.7

Manual Integrations

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#38

Trichloroethene

Concen: 0.108 ppbv m

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL040696.D

Acq: 18 Sep 2023 12:53

Tgt Ion:130 Resp: 9647

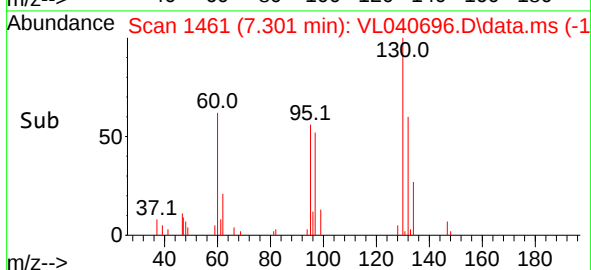
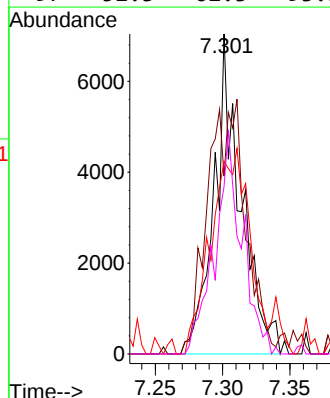
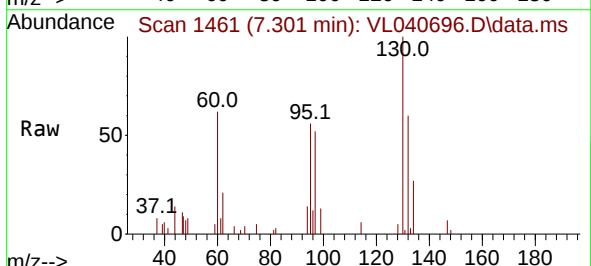
Ion Ratio Lower Upper

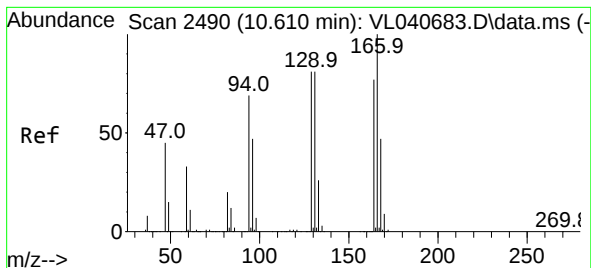
130 100

95 55.6 91.9 137.9#

132 60.1 77.3 115.9#

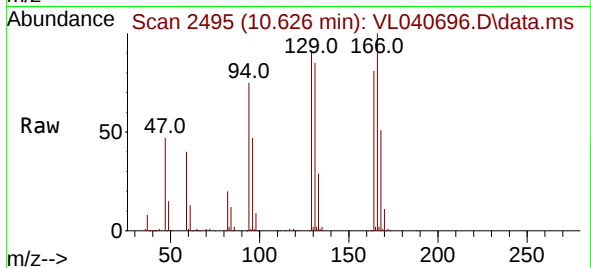
97 52.3 62.3 93.5#





#52
Tetrachloroethene
Concen: 6.057 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53

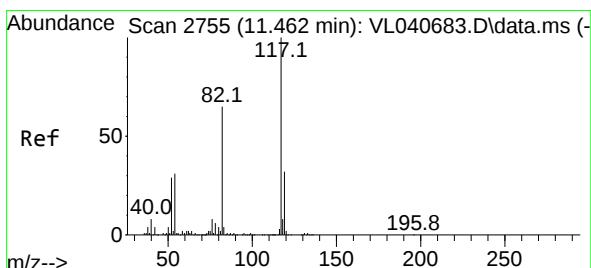
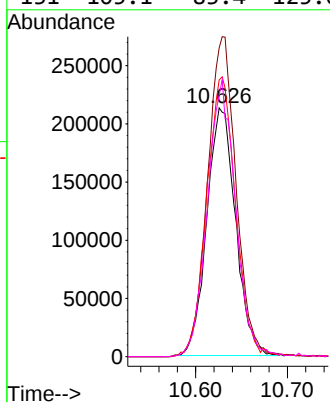
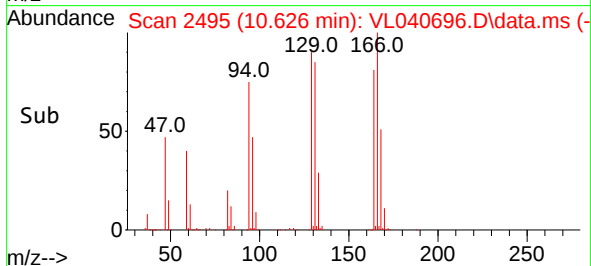
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



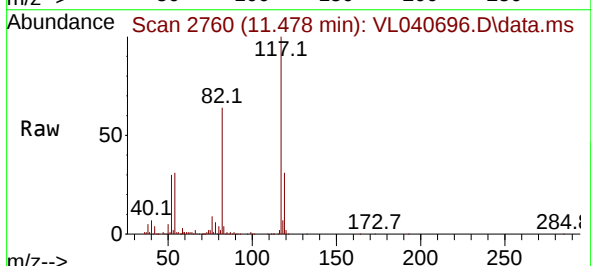
Tgt Ion:164 Resp: 461825
Ion Ratio Lower Upper
164 100
166 123.8 103.4 155.2
129 111.2 83.5 125.3
131 105.1 83.4 125.0

Manual Integrations
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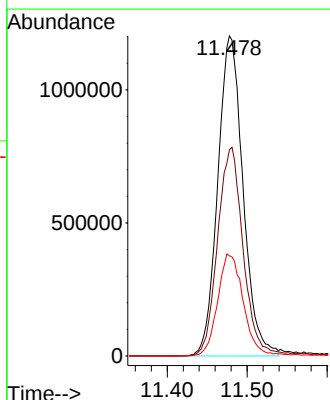
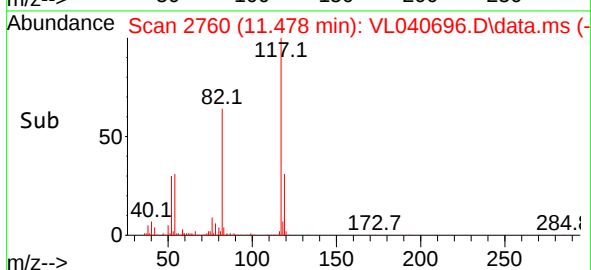
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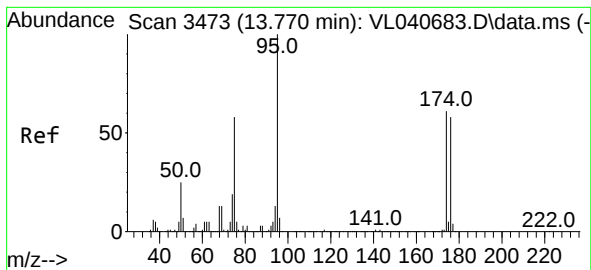


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.000 min
Lab File: VL040696.D
Acq: 18 Sep 2023 12:53



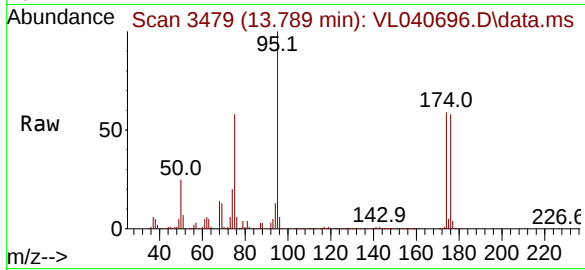
Tgt Ion:117 Resp: 2635347
Ion Ratio Lower Upper
117 100
82 67.2 51.4 77.0
119 32.8 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.617 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040696.D
 Acq: 18 Sep 2023 12:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 1958119
 Ion Ratio Lower Upper
 95 100
 174 62.5 48.9 73.3
 175 4.4 3.5 5.3

Manual Integrations
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