

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040276.D
 Acq On : 13 Mar 2023 22:24
 Operator : SY/MD
 Sample : 01899-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 04:57:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Mar 14 04:52:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	973618	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2561919	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2230391	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1689552	9.212	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	6394	0.135	ppbv	96
13) Ethanol	3.266	45	3188m	0.730	ppbv	
15) Acetone	3.488	43	34257	0.292	ppbv #	84
20) Methylene Chloride	3.931	84	29511	0.484	ppbv	93
23) Vinyl Acetate	4.642	43	44641	1.255	ppbv	99
26) Hexane	5.217	57	37591	0.402	ppbv #	35
52) Tetrachloroethene	10.629	164	2211m	0.036	ppbv	

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

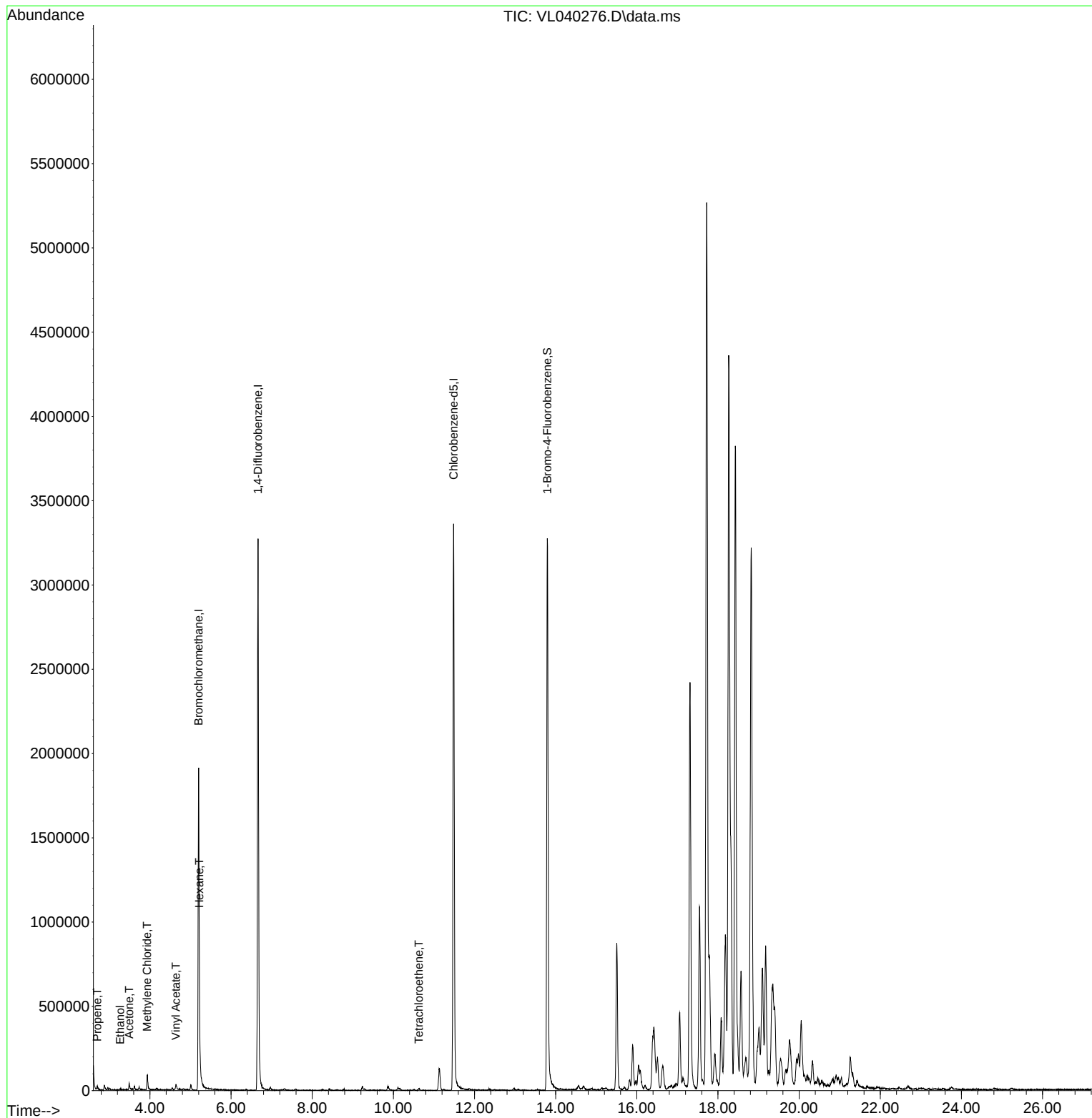
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
Data File : VL040276.D
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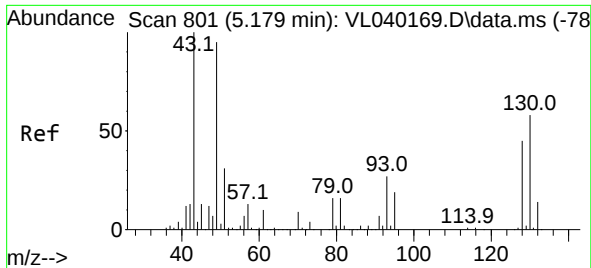
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Quant Time: Mar 14 04:57:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Mar 14 04:52:39 2023
Response via : Initial Calibration





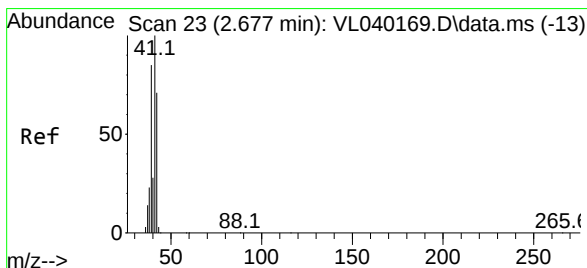
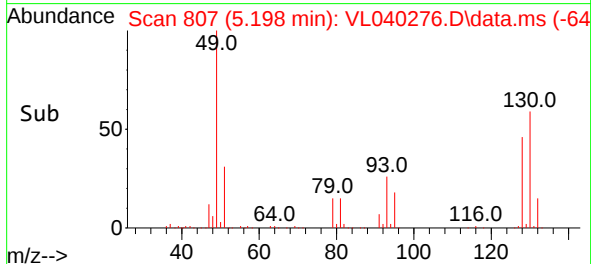
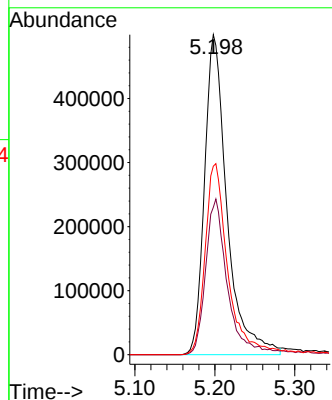
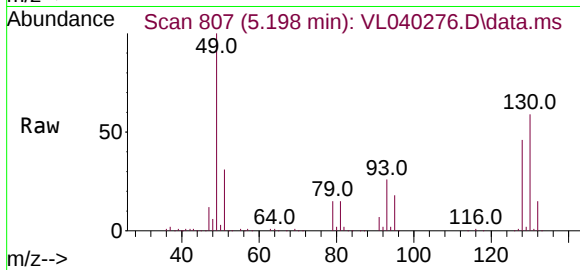
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 973618
Ion Ratio Lower Upper
49 100
128 49.0 24.1 72.3
130 62.2 30.9 92.8

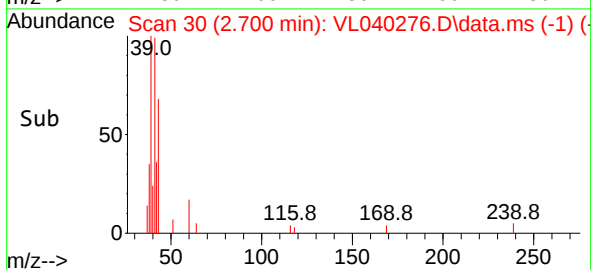
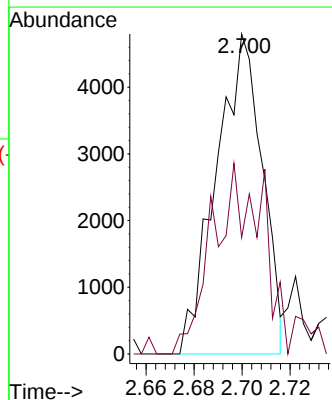
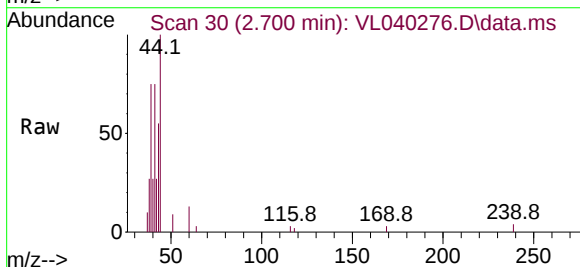
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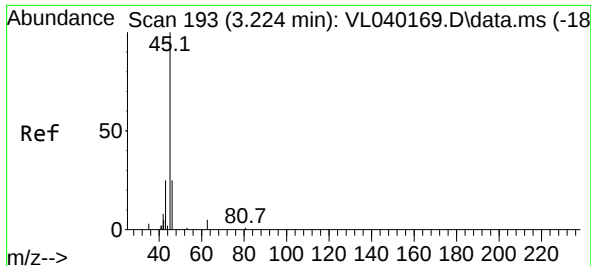
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#9
Propene
Concen: 0.135 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

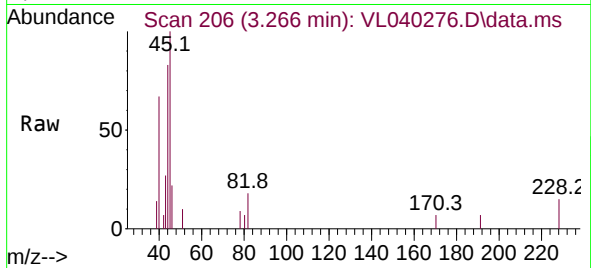
Tgt Ion: 41 Resp: 6394
Ion Ratio Lower Upper
41 100
42 74.5 56.9 85.3





#13
Ethanol
Concen: 0.730 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.035 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

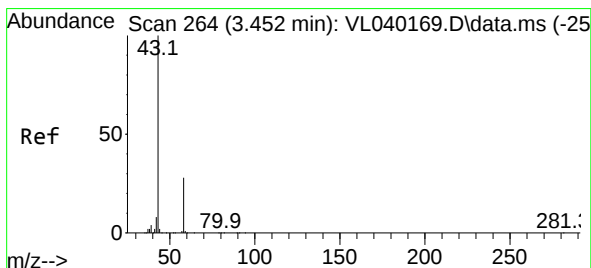
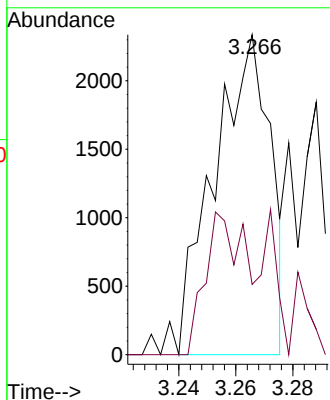
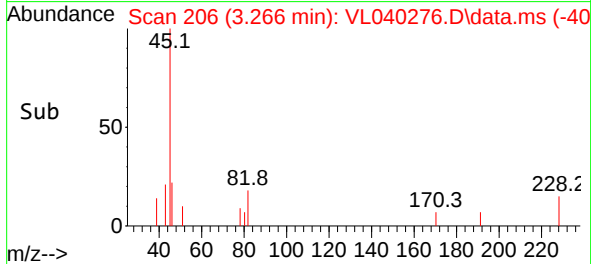
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 3188
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1

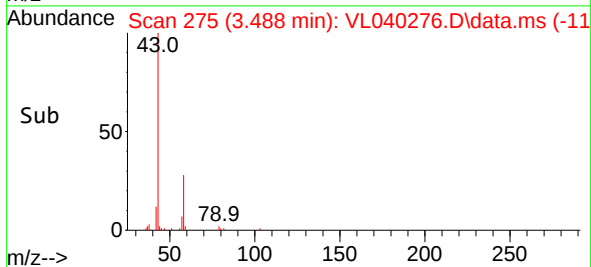
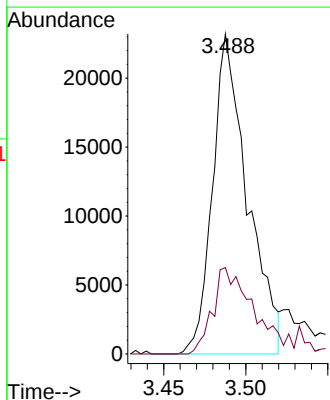
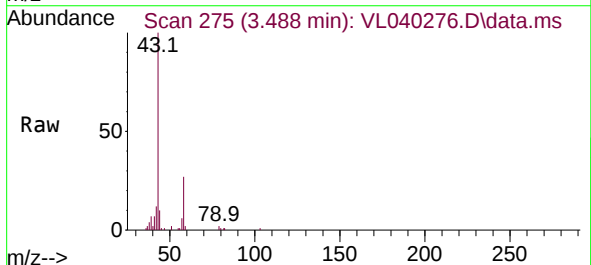
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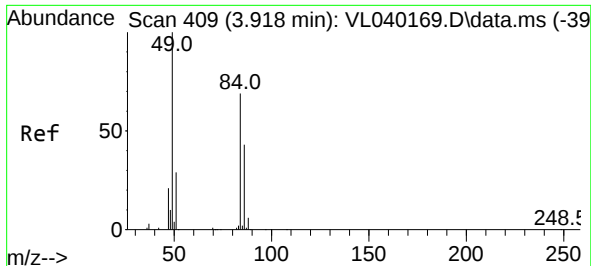
Reviewed By :Semsettin Yesilyurt 03/14/2023
Supervised By :Mahesh Dadoda 03/15/2023



#15
Acetone
Concen: 0.292 ppbv
RT: 3.488 min Scan# 275
Delta R.T. 0.032 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

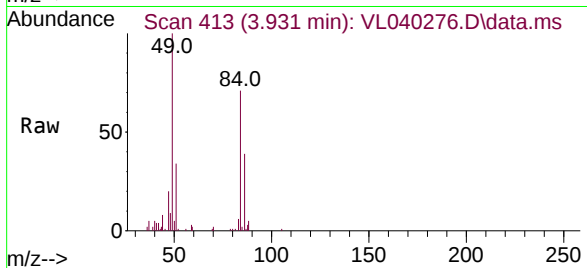
Tgt Ion: 43 Resp: 34257
Ion Ratio Lower Upper
43 100
58 36.5 22.4 33.6





#20
Methylene Chloride
Concen: 0.484 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.010 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

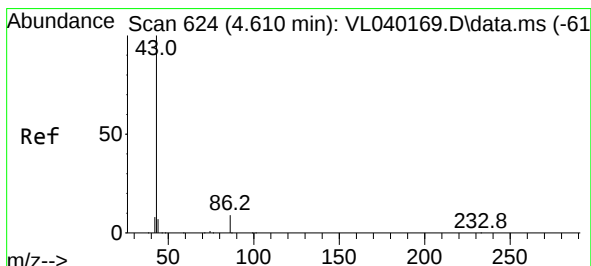
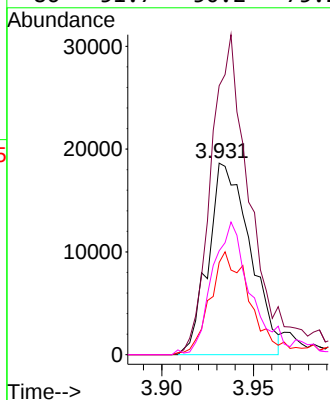
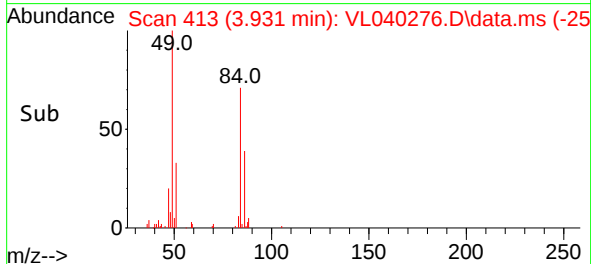
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 2951
Ion Ratio Lower Upper
84 100
49 139.7 115.5 173.3
51 47.1 33.1 49.7
86 51.7 50.2 75.2

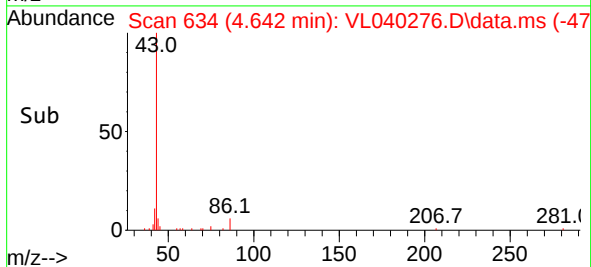
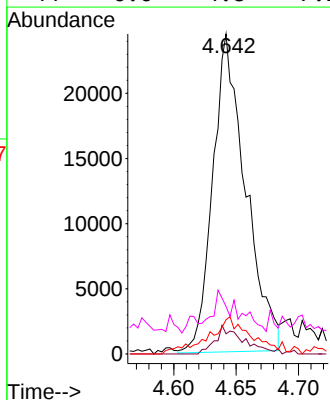
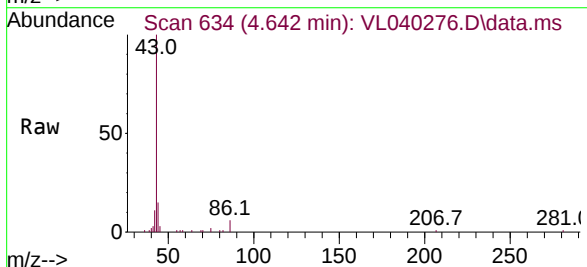
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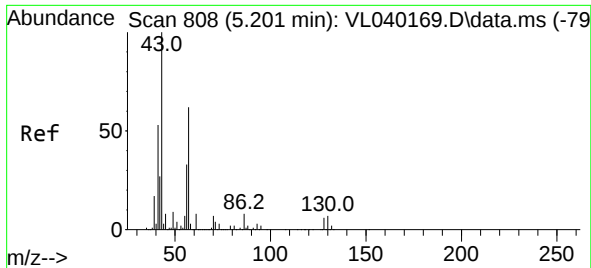
Reviewed By :Semsettin Yesilyurt 03/14/2023
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#23
Vinyl Acetate
Concen: 1.255 ppbv
RT: 4.642 min Scan# 634
Delta R.T. 0.022 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

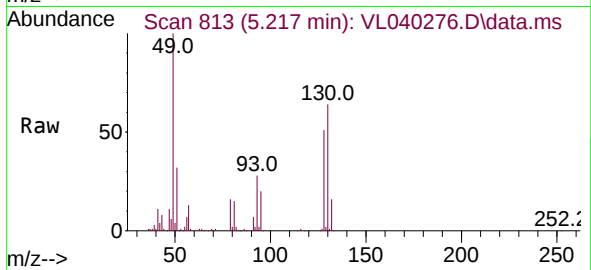
Tgt Ion: 43 Resp: 44641
Ion Ratio Lower Upper
43 100
86 6.4 5.6 8.4
42 9.4 7.6 11.4
44 6.6 4.8 7.2





#26
Hexane
Concen: 0.402 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.010 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24

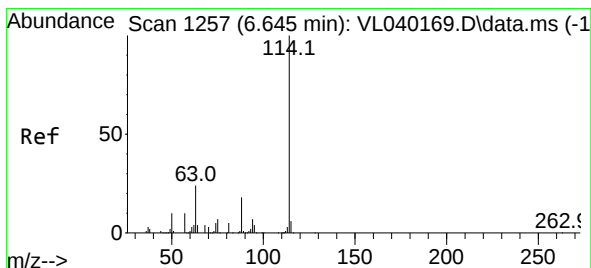
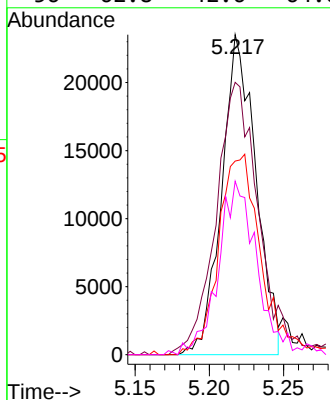
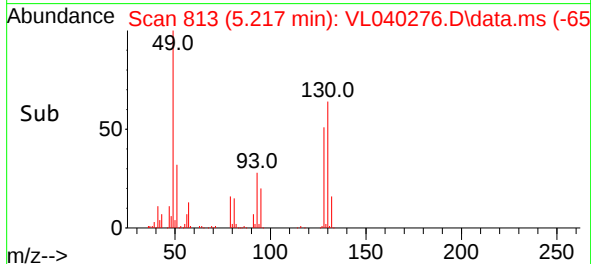
Instrument :
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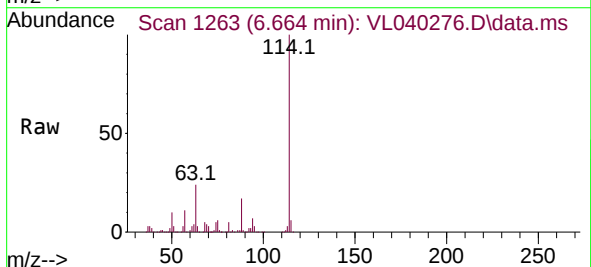
Tgt Ion: 57 Resp: 3759
Ion Ratio Lower Upper
57 100
41 108.2 74.3 111.5
43 77.9 193.0 289.4
56 62.8 42.6 64.0

Manual Integrations
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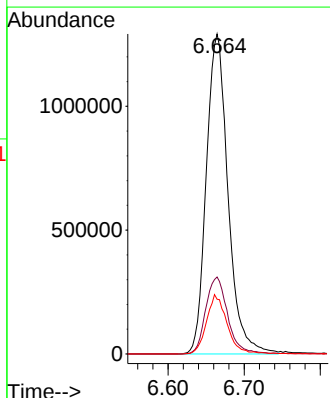
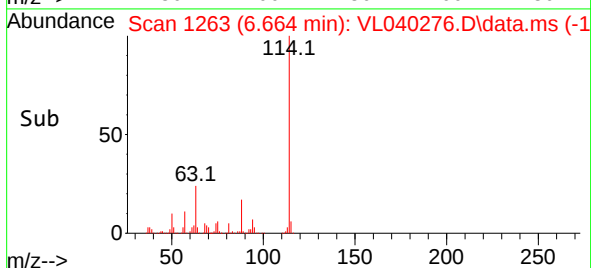
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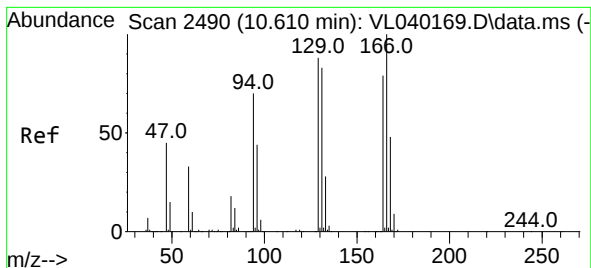


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VL040276.D
Acq: 13 Mar 2023 22:24



Tgt Ion:114 Resp: 2561919
Ion Ratio Lower Upper
114 100
63 24.6 20.4 30.6
88 17.7 14.3 21.5





#52

Tetrachloroethene

Concen: 0.036 ppbv m

RT: 10.629 min Scan# 2496

Delta R.T. 0.006 min

Lab File: VL040276.D

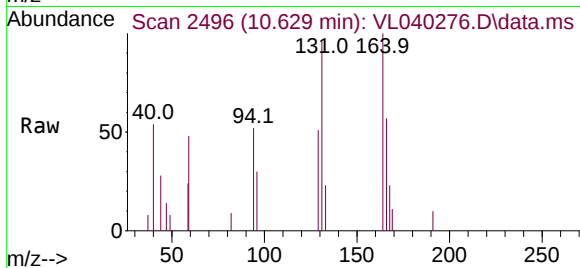
Acq: 13 Mar 2023 22:24

Instrument :

MSVOA_L

ClientSampleId :

SV1DL



Tgt Ion:164 Resp: 221

Ion Ratio Lower Upper

164 100

166 56.8 101.5 152.3

129 51.0 89.0 133.4

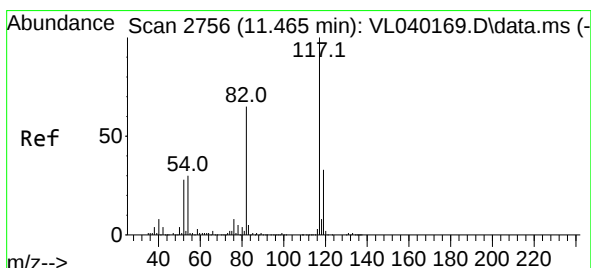
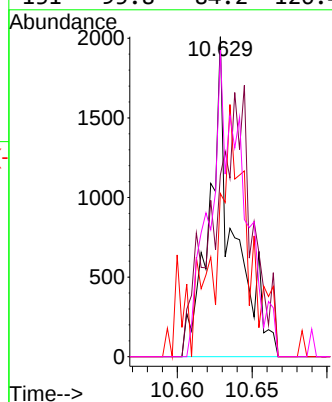
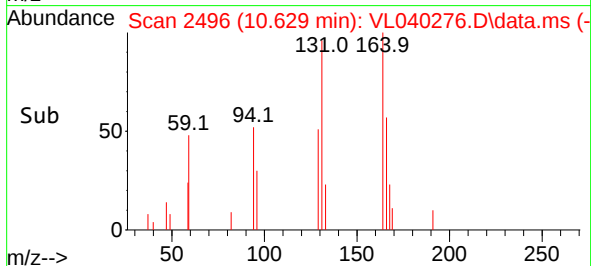
131 95.8 84.2 126.4

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 2762

Delta R.T. 0.010 min

Lab File: VL040276.D

Acq: 13 Mar 2023 22:24

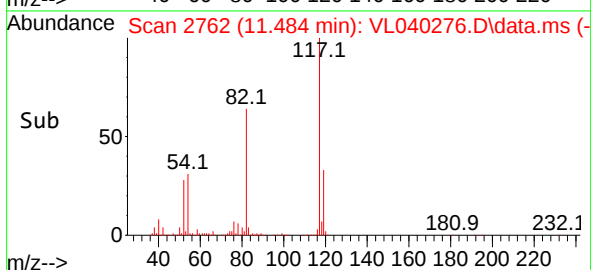
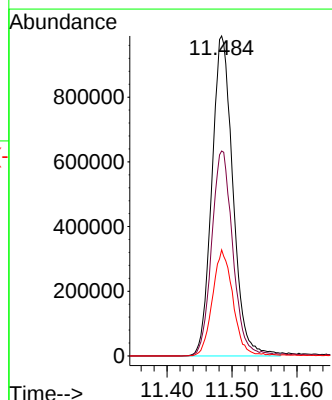
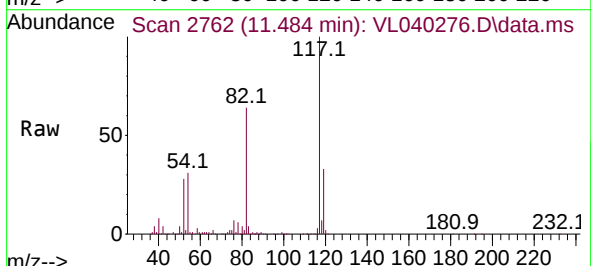
Tgt Ion:117 Resp: 2230391

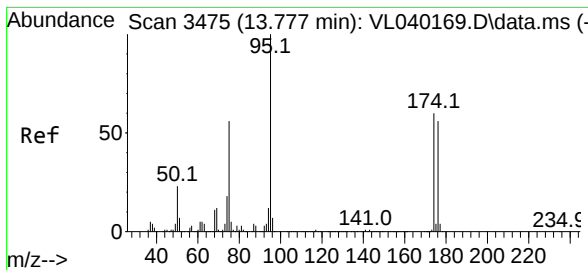
Ion Ratio Lower Upper

117 100

82 64.9 53.3 79.9

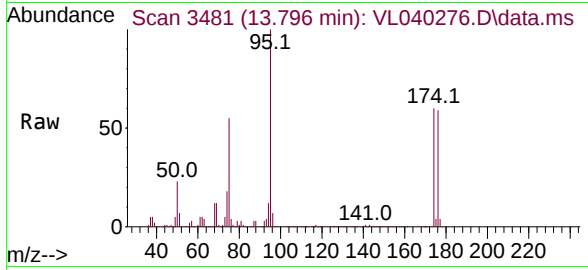
119 32.5 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.212 ppbv
 RT: 13.796 min Scan# 3475
 Delta R.T. 0.013 min
 Lab File: VL040276.D
 Acq: 13 Mar 2023 22:24

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 168955
 Ion Ratio Lower Upper
 95 100
 174 61.9 48.2 72.2
 175 4.3 3.4 5.2

Manual Integrations
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 Supervised By :Mahesh Dadoda 03/15/2023

