

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040943.D
 Acq On : 21 Dec 2023 23:34
 Operator : SY/MD
 Sample : 05848-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 03:40:58 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1219177	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3298831	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2862154	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	2054293	9.744	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
9) Propene	2.732	41	6323	0.104	ppbv	91
13) Ethanol	3.282	45	8604m	0.563	ppbv	
15) Acetone	3.504	43	92000	0.629	ppbv #	82
20) Methylene Chloride	3.944	84	26562	0.510	ppbv	86
25) Ethyl Acetate	5.211	43	39921	0.158	ppbv #	80
26) Hexane	5.214	57	60321	0.537	ppbv #	35
34) 2-Butanone	4.806	43	90175	0.517	ppbv	92
51) 2-Hexanone	9.548	43	33763m	0.177	ppbv	
52) Tetrachloroethene	10.590	164	172407	1.985	ppbv	95

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

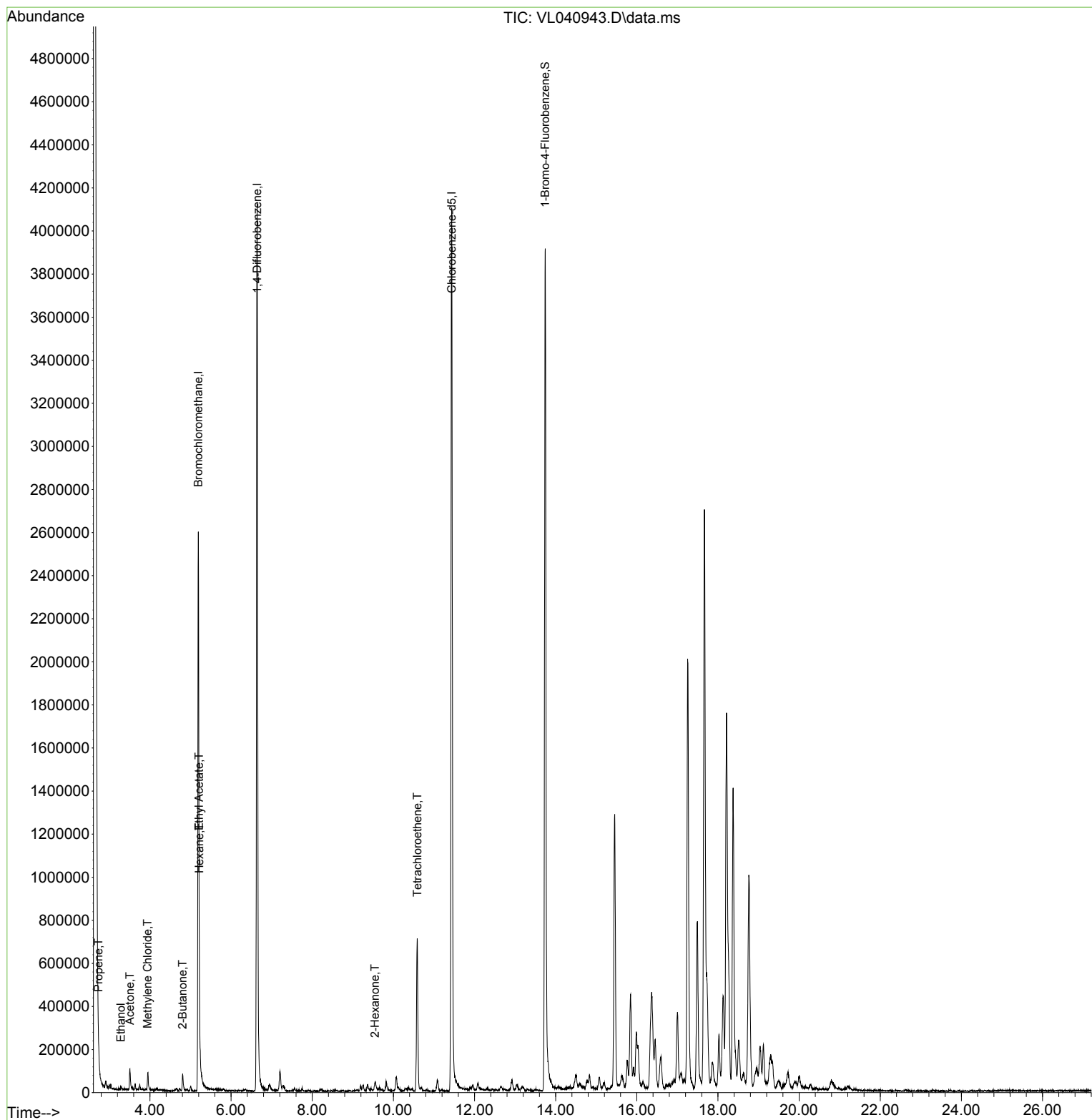
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
Data File : VL040943.D
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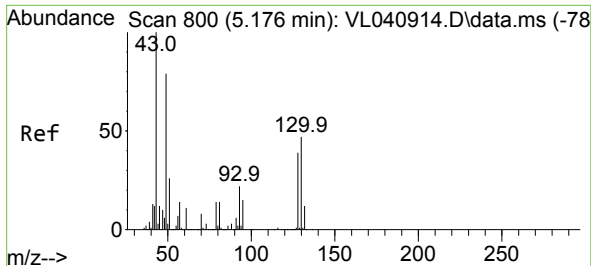
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Quant Time: Dec 22 03:40:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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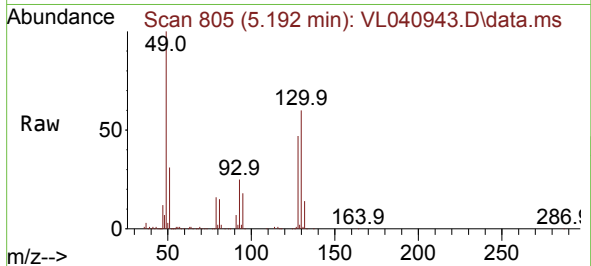
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

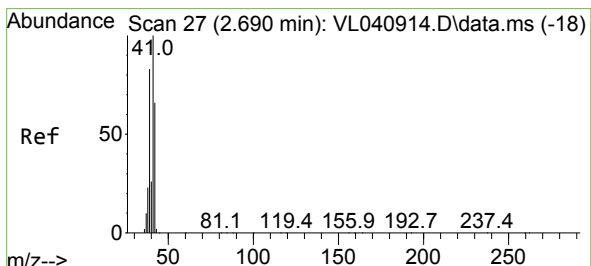
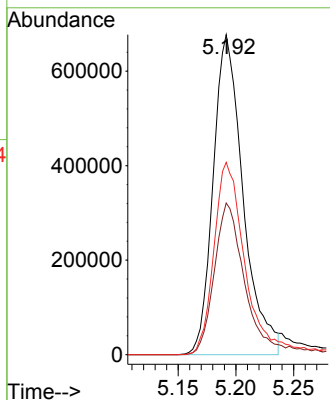
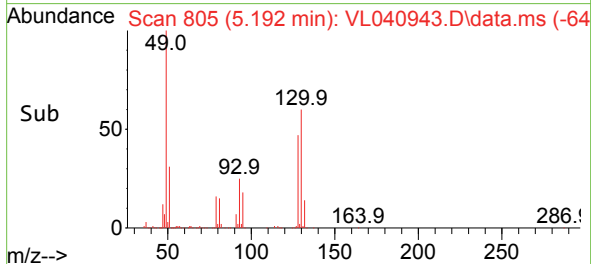
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



Tgt Ion: 49 Resp: 121917
Ion Ratio Lower Upper
49 100
128 50.8 23.8 71.2
130 65.9 30.1 90.5

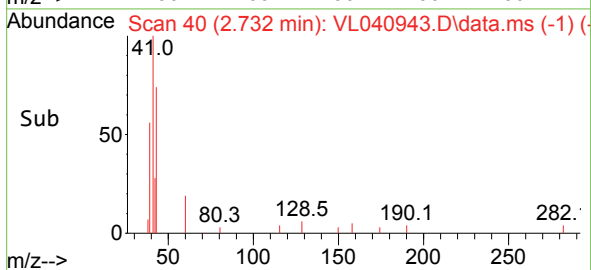
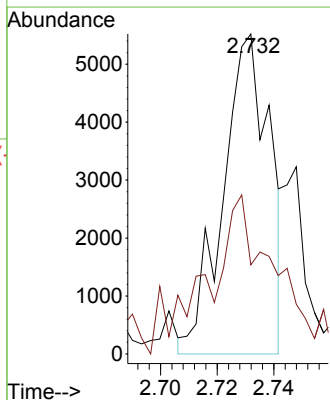
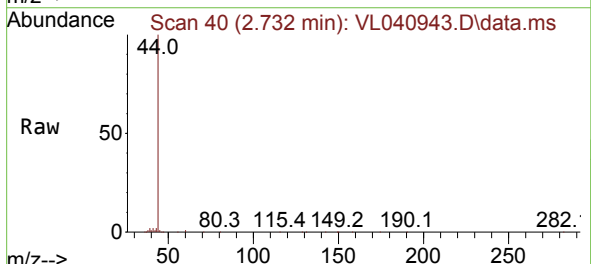
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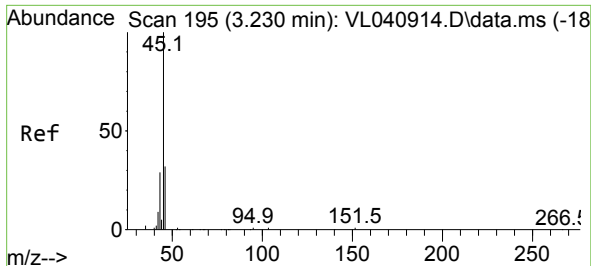
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#9
Propene
Concen: 0.104 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.042 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

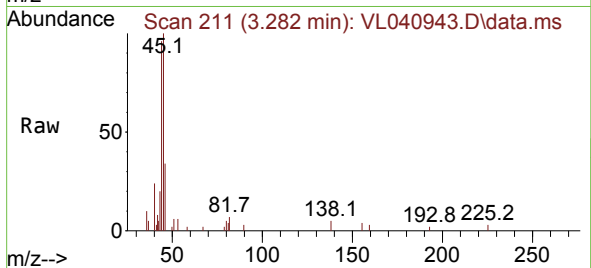
Tgt Ion: 41 Resp: 6323
Ion Ratio Lower Upper
41 100
42 76.7 55.8 83.6





#13
Ethanol
Concen: 0.563 ppbv m
RT: 3.282 min Scan# 211
Delta R.T. 0.051 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

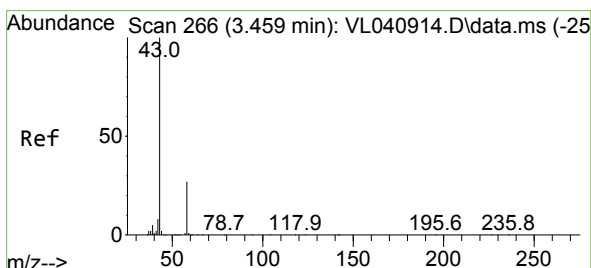
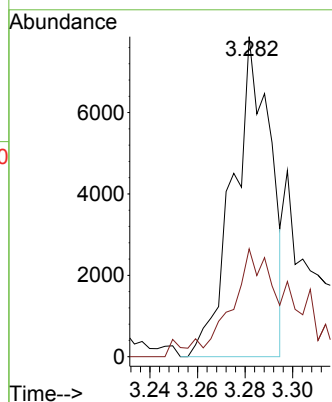
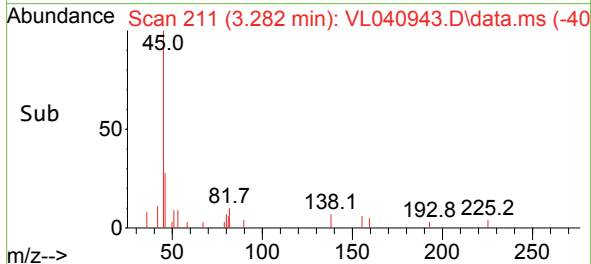
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



Tgt Ion: 45 Resp: 8604
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0

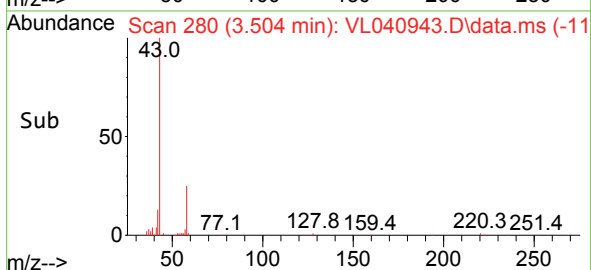
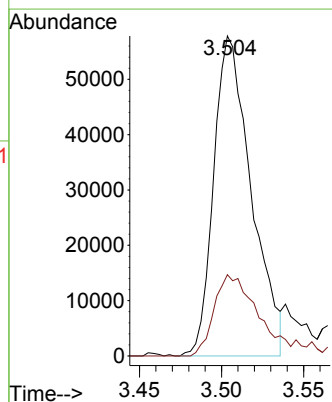
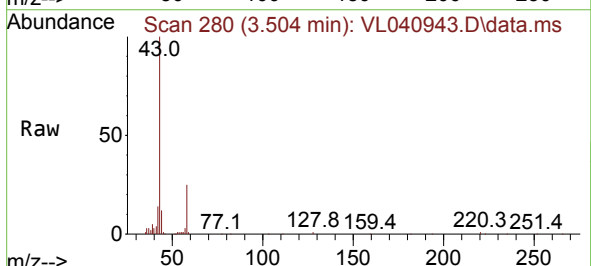
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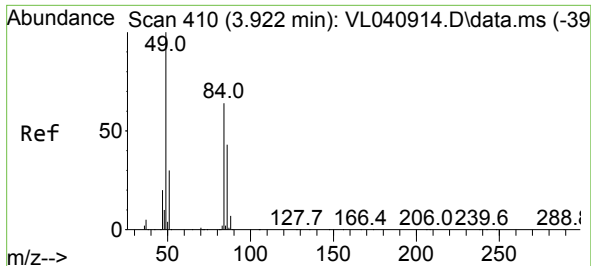
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#15
Acetone
Concen: 0.629 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.045 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

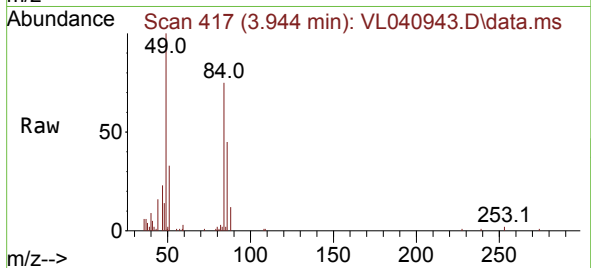
Tgt Ion: 43 Resp: 92000
Ion Ratio Lower Upper
43 100
58 34.7 20.6 30.8





#20
Methylene Chloride
Concen: 0.510 ppbv
RT: 3.944 min Scan# 410
Delta R.T. 0.022 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

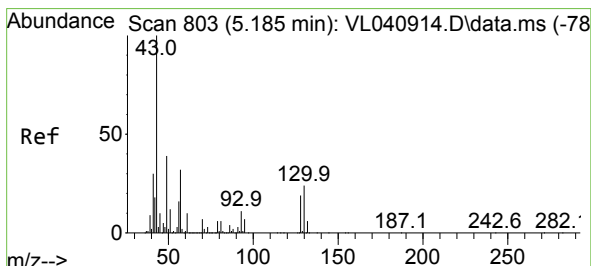
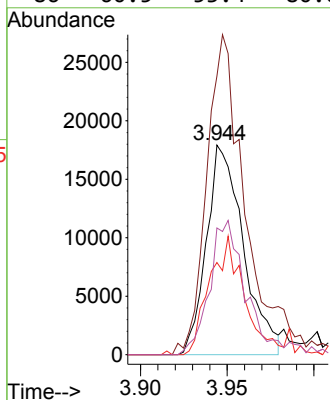
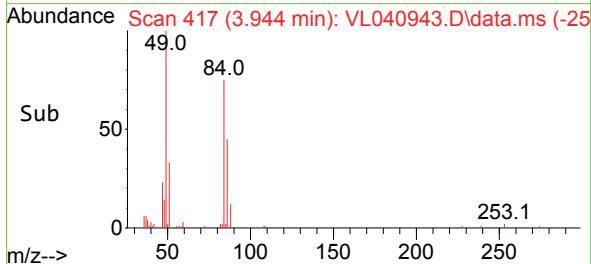


Tgt Ion: 84 Resp: 26562

Ion	Ratio	Lower	Upper
84	100		
49	129.4	124.6	187.0
51	44.0	37.2	55.8
86	60.5	53.4	80.0

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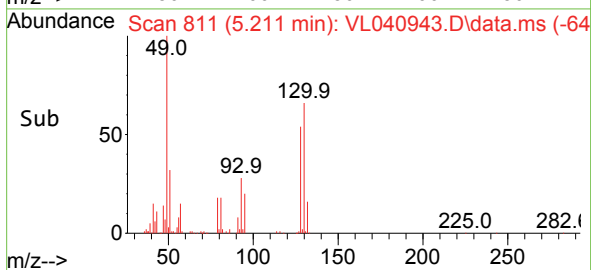
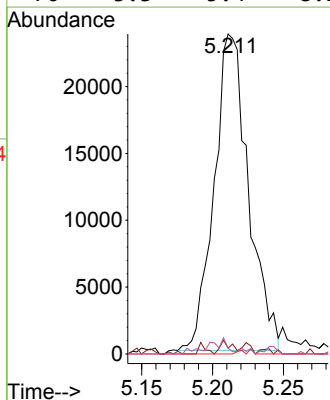
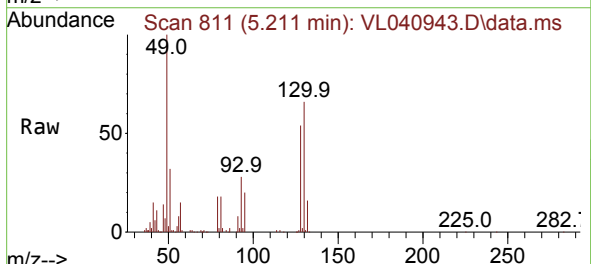
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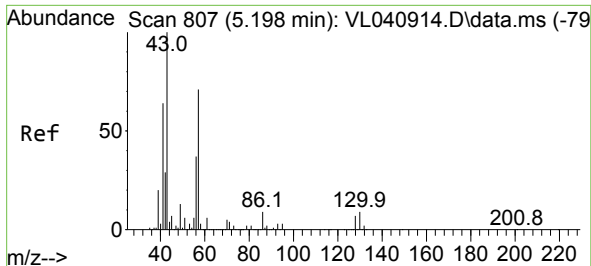


#25
Ethyl Acetate
Concen: 0.158 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.026 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

Tgt Ion: 43 Resp: 39921

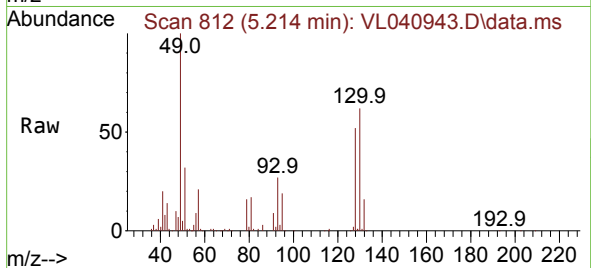
Ion	Ratio	Lower	Upper
43	100		
45	2.4	8.2	12.2#
61	0.0	7.6	11.4#
70	3.3	5.4	8.2#





#26
Hexane
Concen: 0.537 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.016 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

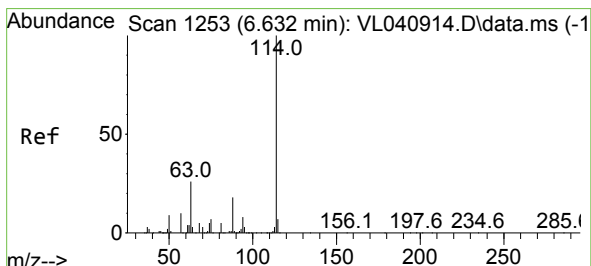
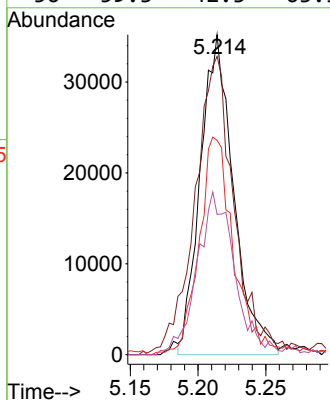
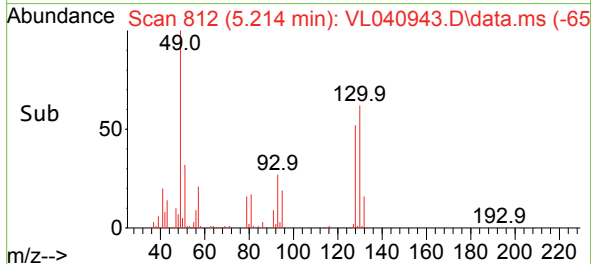
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



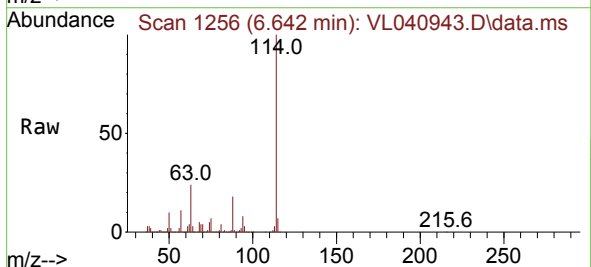
Tgt Ion: 57 Resp: 6032
Ion Ratio Lower Upper
57 100
41 113.0 75.2 112.8
43 74.1 188.0 282.0
56 59.3 42.3 63.5

Manual Integrations
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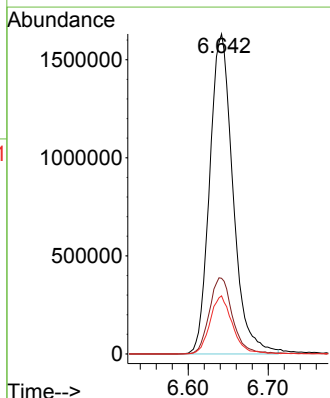
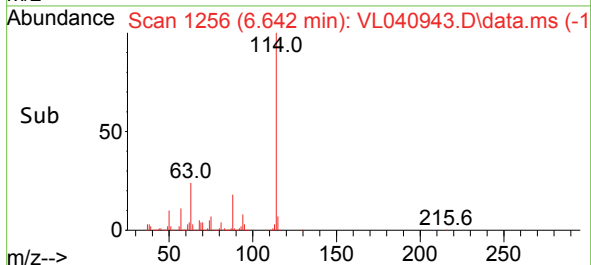
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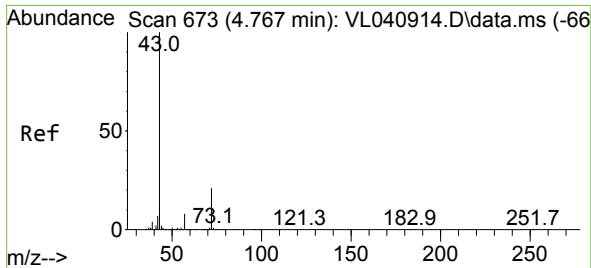


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.010 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34



Tgt Ion:114 Resp: 3298831
Ion Ratio Lower Upper
114 100
63 24.1 21.0 31.6
88 17.6 14.3 21.5





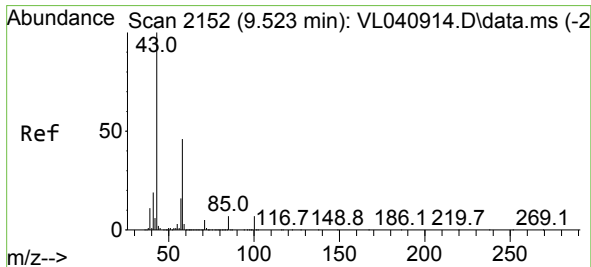
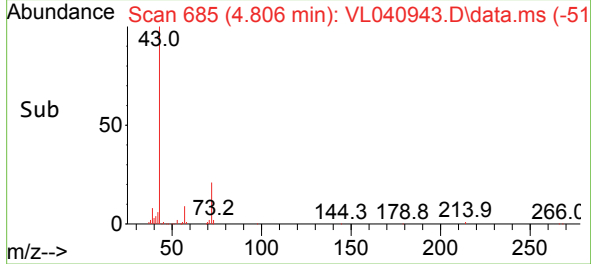
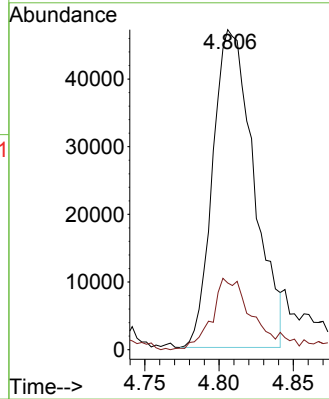
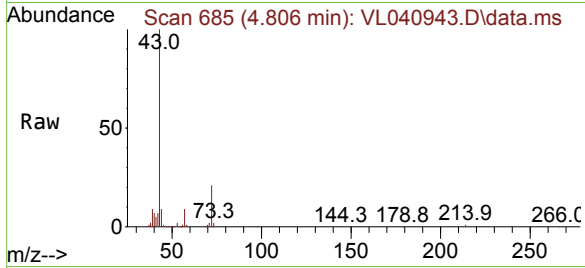
#34
2-Butanone
Concen: 0.517 ppbv
RT: 4.806 min Scan# 61
Delta R.T. 0.038 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion: 43 Resp: 9017
Ion Ratio Lower Upper
43 100
72 25.3 17.2 25.8

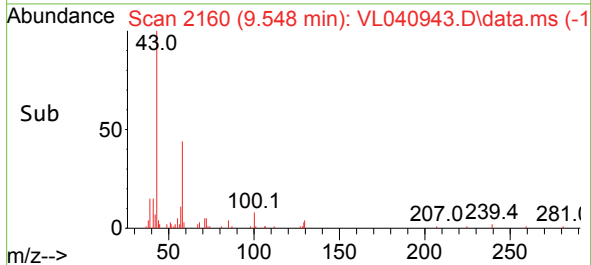
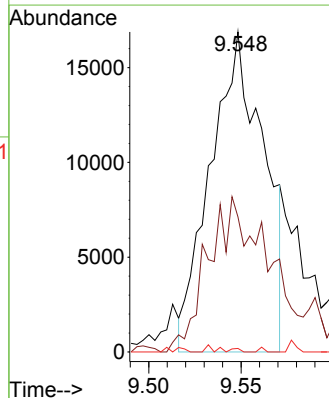
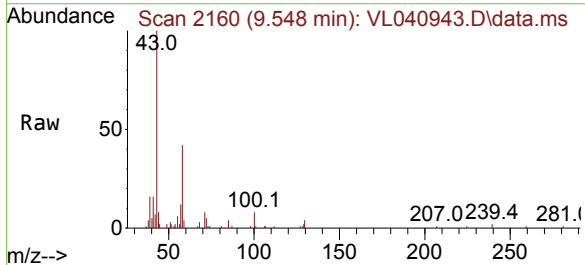
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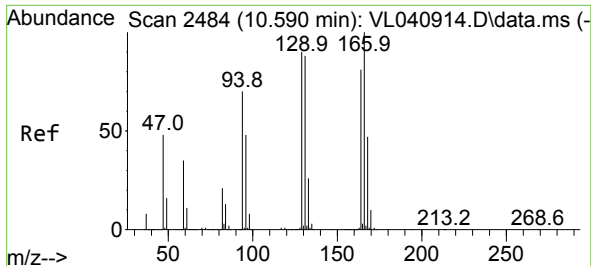
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#51
2-Hexanone
Concen: 0.177 ppbv m
RT: 9.548 min Scan# 2160
Delta R.T. 0.026 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

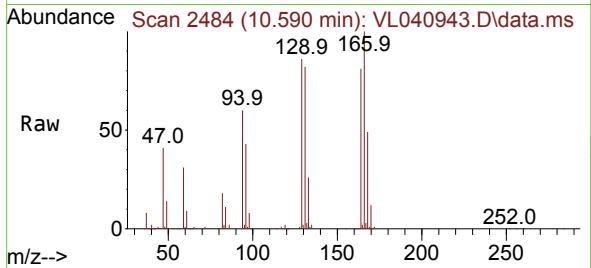
Tgt Ion: 43 Resp: 33763
Ion Ratio Lower Upper
43 100
58 66.2 37.3 55.9#
98 0.6 0.2 0.2#





#52
Tetrachloroethene
Concen: 1.985 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.000 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34

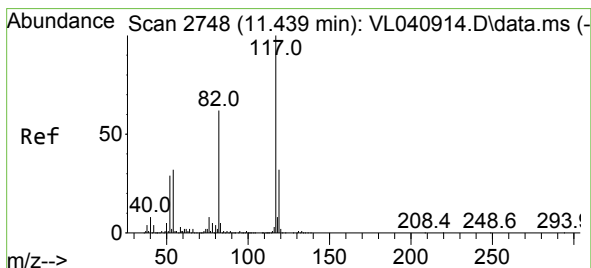
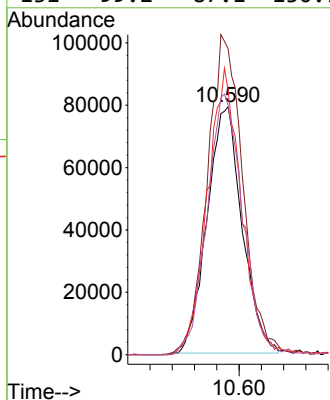
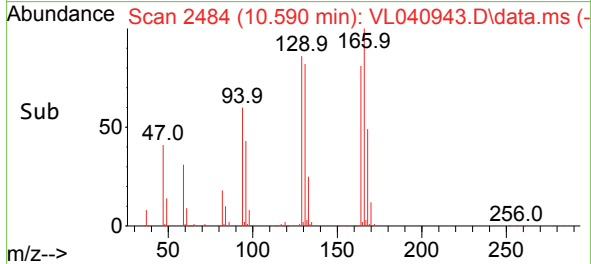
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



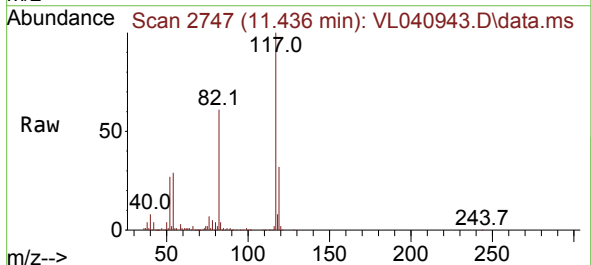
Tgt Ion:164 Resp: 17240
Ion Ratio Lower Upper
164 100
166 121.6 98.9 148.3
129 105.3 88.7 133.1
131 99.2 87.1 130.7

Manual Integrations
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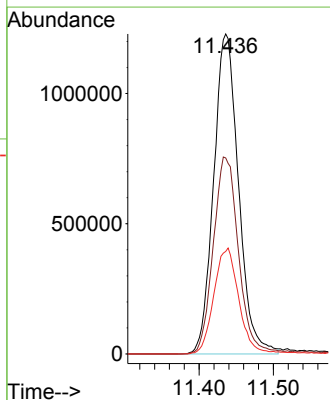
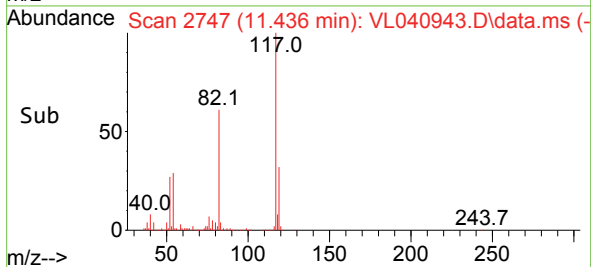
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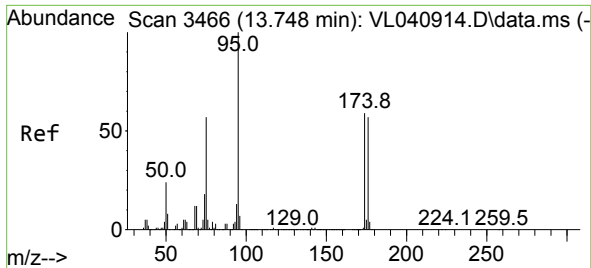


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. -0.003 min
Lab File: VL040943.D
Acq: 21 Dec 2023 23:34



Tgt Ion:117 Resp: 2862154
Ion Ratio Lower Upper
117 100
82 63.5 49.6 74.4
119 33.4 23.4 35.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.744 ppbv
 RT: 13.741 min Scan# 3464
 Delta R.T. -0.007 min
 Lab File: VL040943.D
 Acq: 21 Dec 2023 23:34

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 205429
 Ion Ratio Lower Upper
 95 100
 174 65.7 48.0 72.0
 175 5.0 3.7 5.5

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