

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040947.D
 Acq On : 22 Dec 2023 2:05
 Operator : SY/MD
 Sample : 05848-03DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 03:42:35 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	1215686	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3194644	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2752616	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1983210	9.781	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
3) Chlorodifluoromethane	2.690	51	34599	0.189	ppbv #	60
13) Ethanol	3.285	45	23445m	1.540	ppbv	
15) Acetone	3.510	43	50876	0.349	ppbv #	87
20) Methylene Chloride	3.944	84	10538m	0.203	ppbv	
26) Hexane	5.214	57	25916	0.231	ppbv #	39
34) 2-Butanone	4.813	43	77974m	0.461	ppbv	
38) Trichloroethene	7.279	130	55755	0.594	ppbv	99
52) Tetrachloroethene	10.587	164	839049	9.974	ppbv	93

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

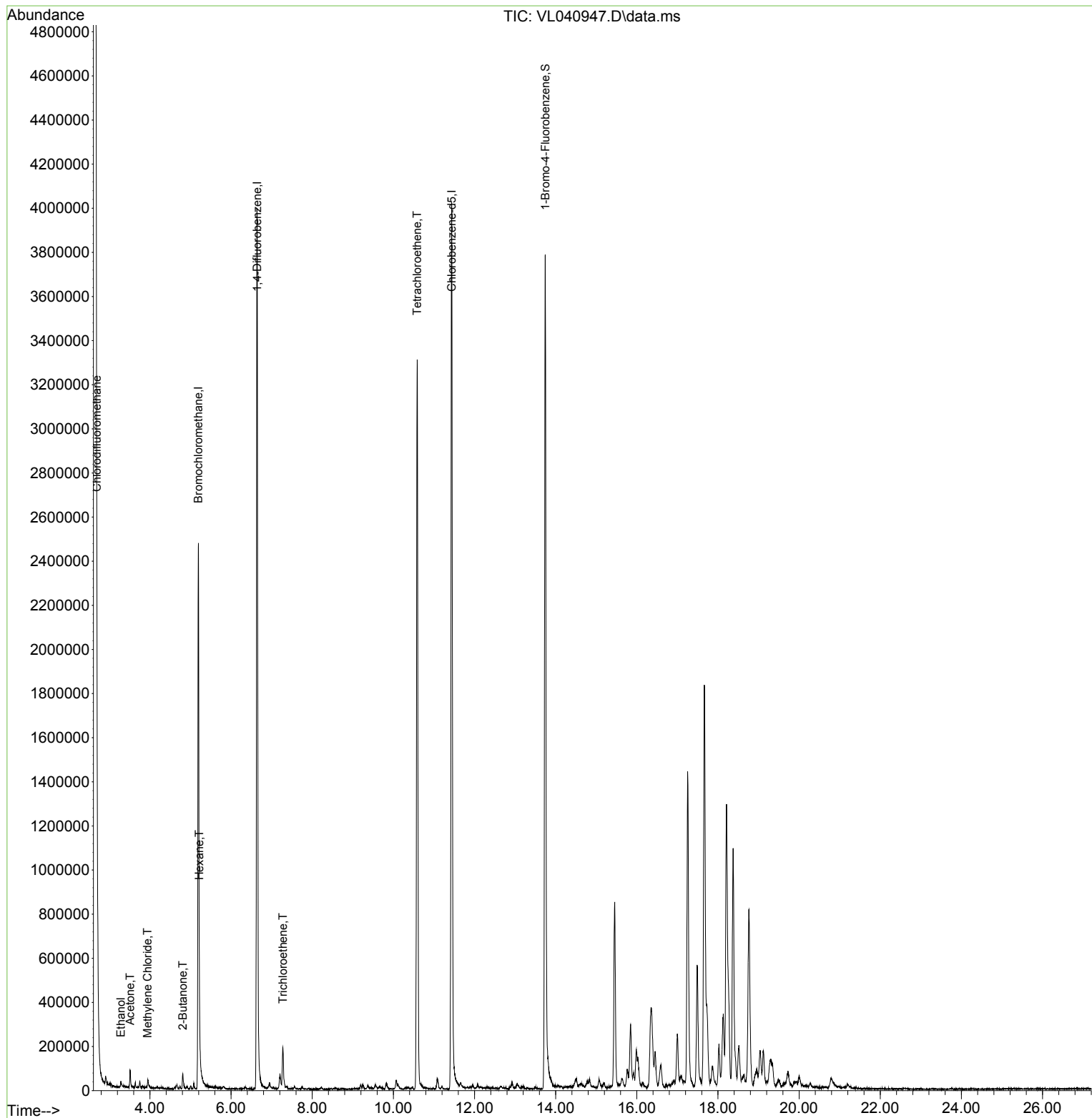
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
Data File : VL040947.D
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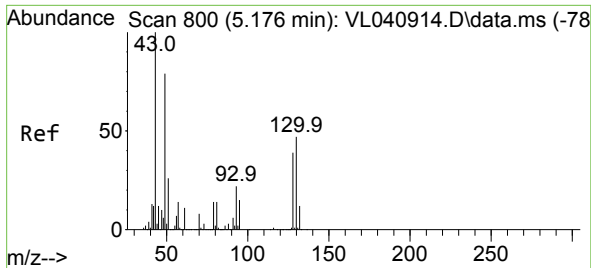
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2

Quant Time: Dec 22 03:42:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
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QLast Update : Thu Dec 21 07:32:42 2023
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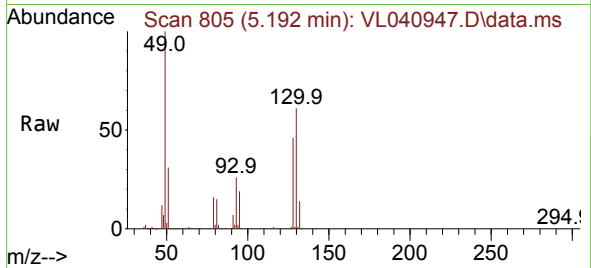
Reviewed By : Semsettin Yesilyurt 12/22/2023
Supervised By : Mahesh Dadoda 12/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

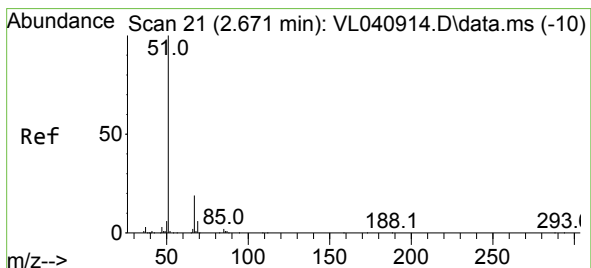
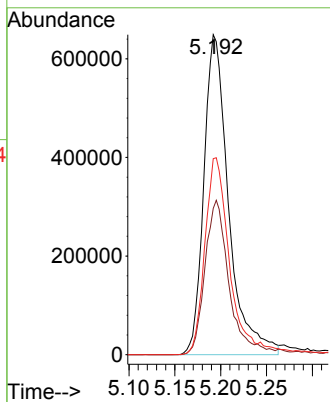
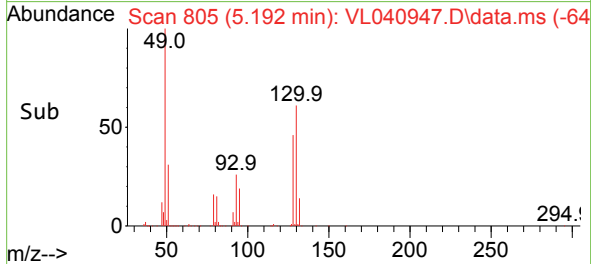
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2



Tgt Ion: 49 Resp: 121568
Ion Ratio Lower Upper
49 100
128 49.5 23.8 71.2
130 64.1 30.1 90.5

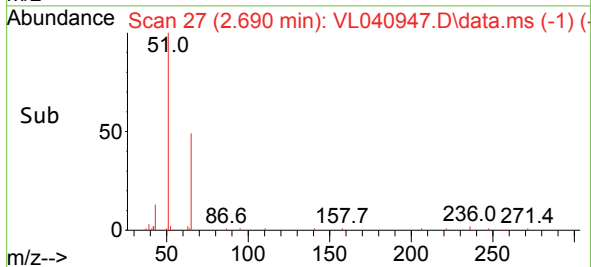
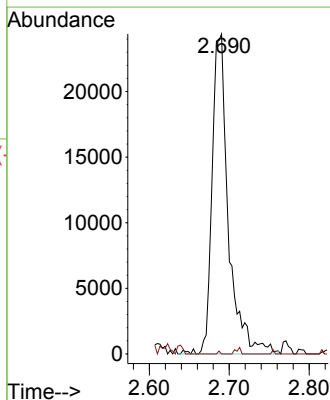
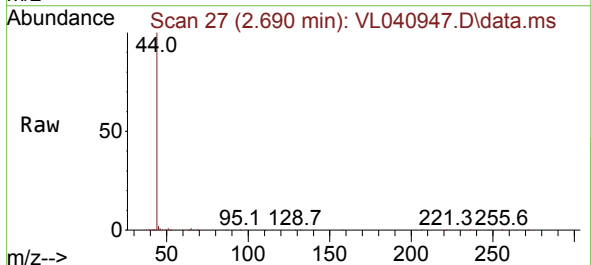
Manual Integrations
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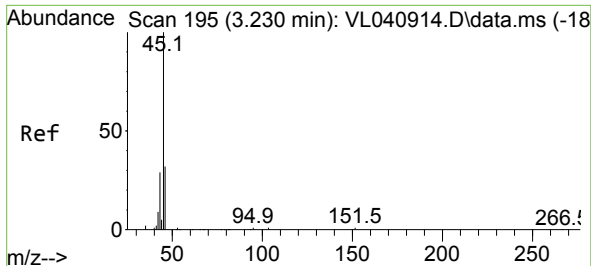
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#3
Chlorodifluoromethane
Concen: 0.189 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.019 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

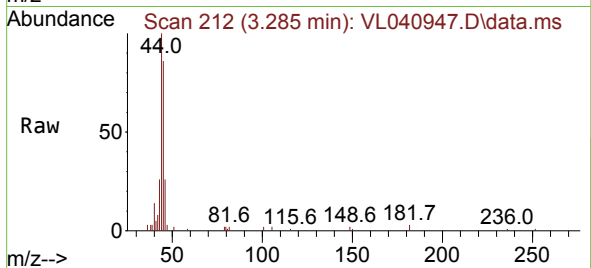
Tgt Ion: 51 Resp: 34599
Ion Ratio Lower Upper
51 100
67 0.6 14.7 22.1#





#13
Ethanol
Concen: 1.540 ppbv m
RT: 3.285 min Scan# 212
Delta R.T. 0.055 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

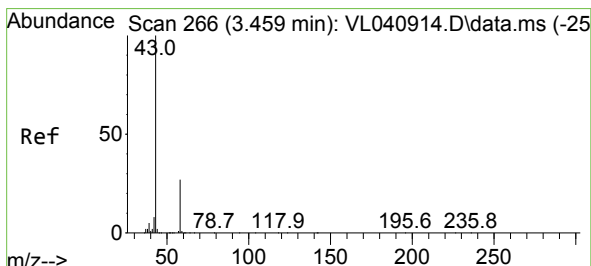
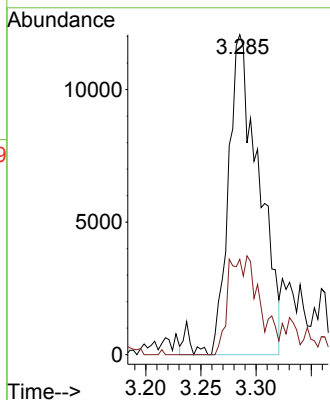
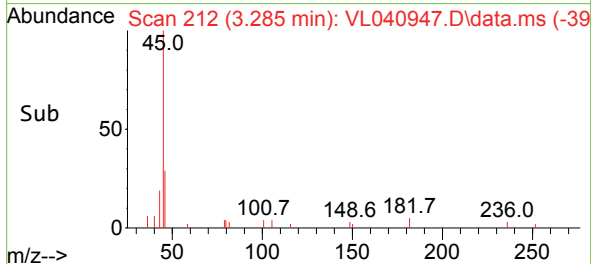
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2



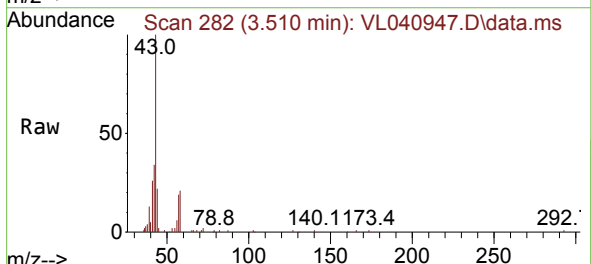
Tgt Ion: 45 Resp: 2344
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0

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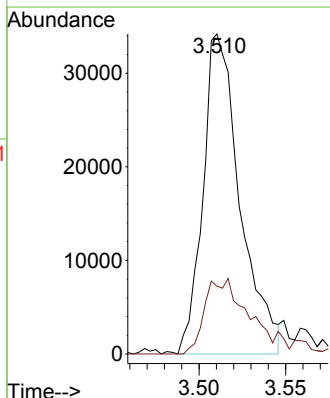
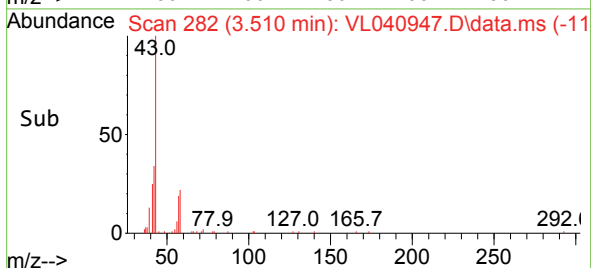
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023

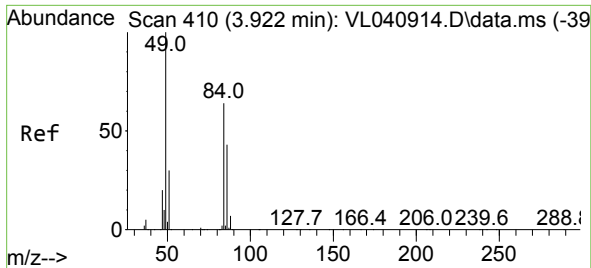


#15
Acetone
Concen: 0.349 ppbv
RT: 3.510 min Scan# 282
Delta R.T. 0.052 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05



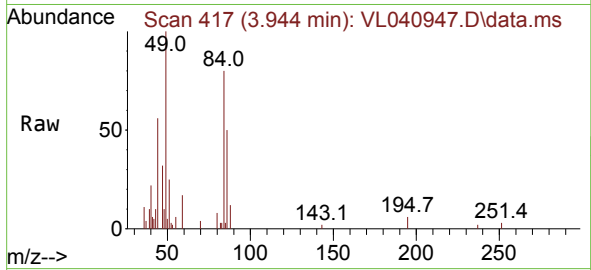
Tgt Ion: 43 Resp: 50876
Ion Ratio Lower Upper
43 100
58 32.4 20.6 30.8





#20
Methylene Chloride
Concen: 0.203 ppbv m
RT: 3.944 min Scan# 410
Delta R.T. 0.023 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

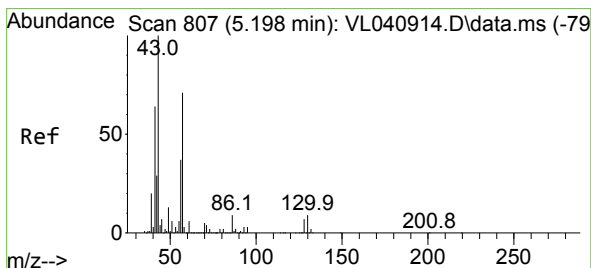
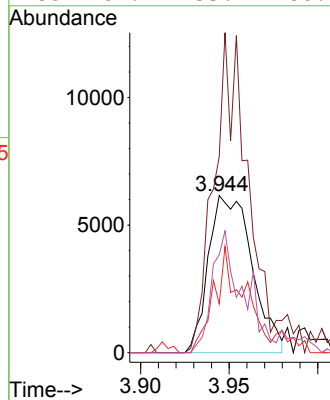
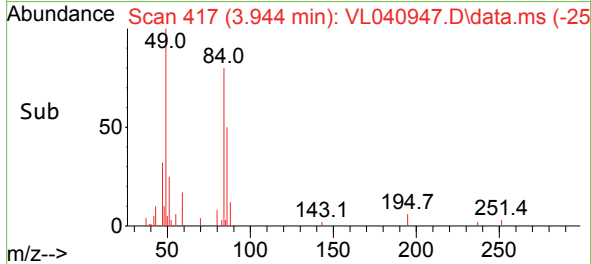
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2



Tgt Ion: 84 Resp: 10538
Ion Ratio Lower Upper
84 100
49 124.9 124.6 187.0
51 31.1 37.2 55.8
86 62.4 53.4 80.0

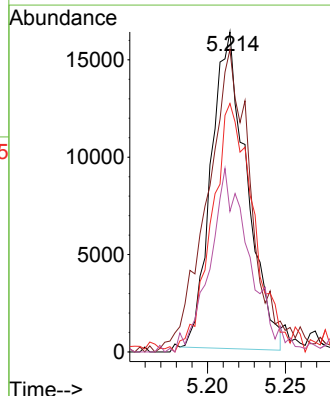
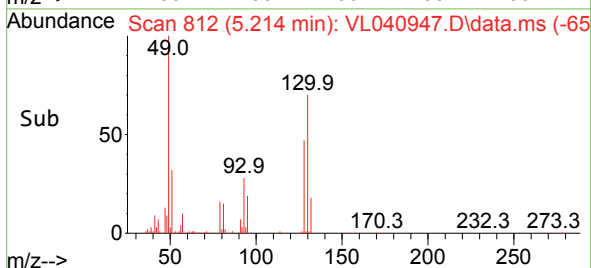
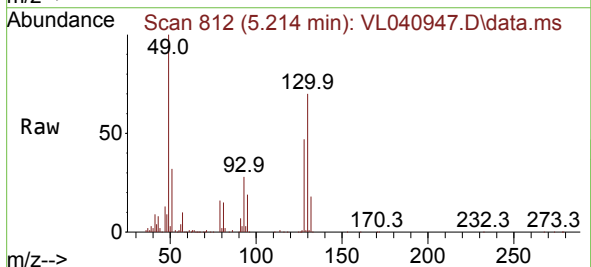
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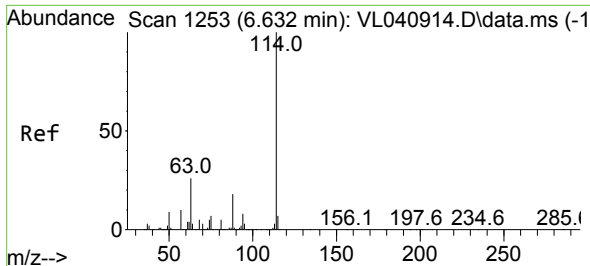
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#26
Hexane
Concen: 0.231 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.016 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

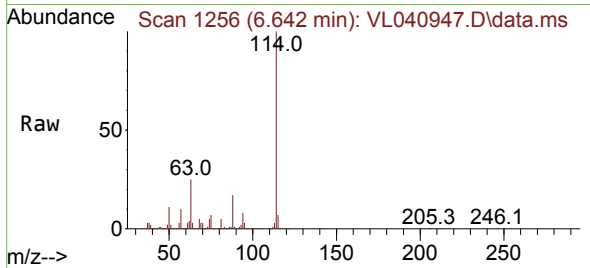
Tgt Ion: 57 Resp: 25916
Ion Ratio Lower Upper
57 100
41 120.6 75.2 112.8#
43 94.7 188.0 282.0#
56 66.1 42.3 63.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

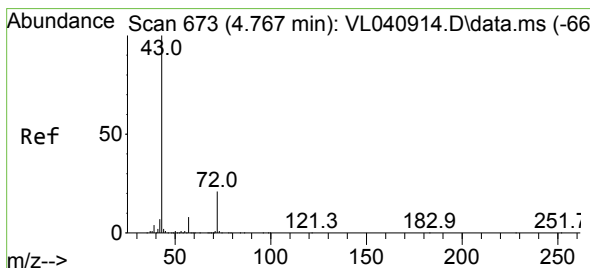
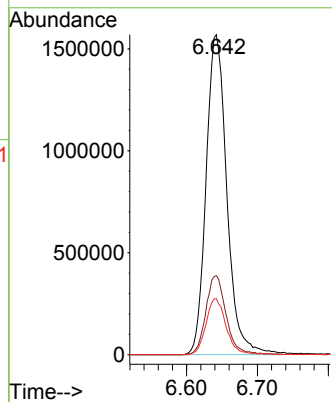
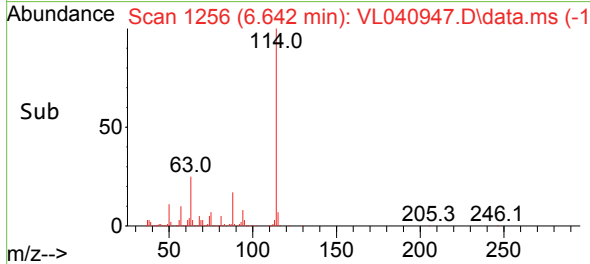
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2



Tgt Ion:114 Resp: 3194644
Ion Ratio Lower Upper
114 100
63 24.3 21.0 31.6
88 17.3 14.3 21.5

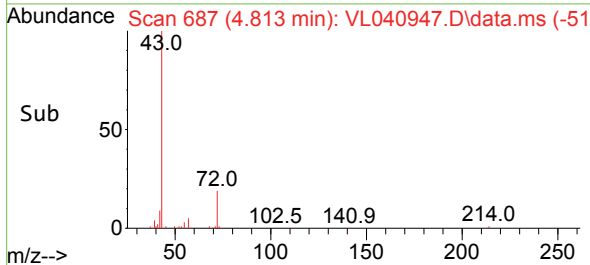
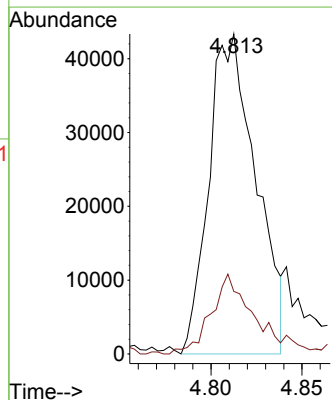
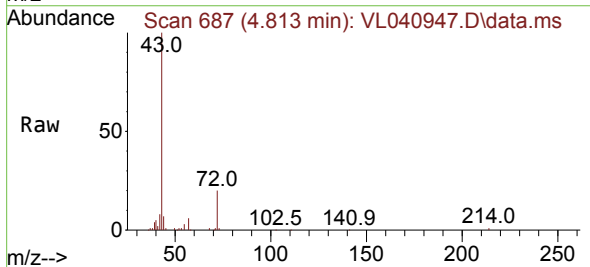
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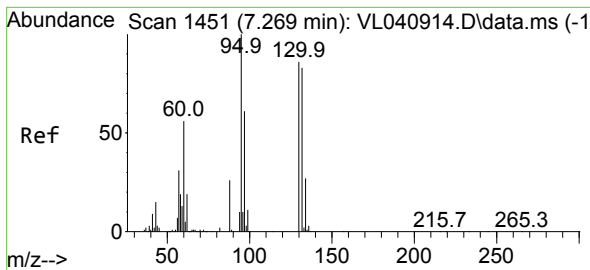
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#34
2-Butanone
Concen: 0.461 ppbv m
RT: 4.813 min Scan# 687
Delta R.T. 0.045 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

Tgt Ion: 43 Resp: 77974
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#





#38

Trichloroethene

Concen: 0.594 ppbv

RT: 7.279 min Scan# 1451

Delta R.T. 0.010 min

Lab File: VL040947.D

Acq: 22 Dec 2023 2:05

Instrument :

MSVOA_L

ClientSampleId :

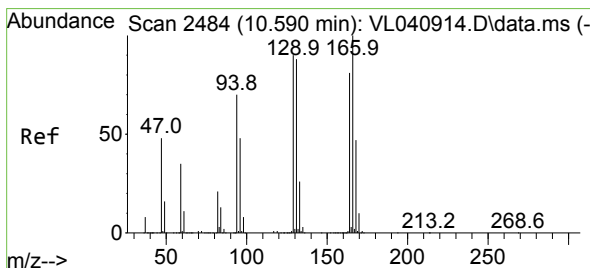
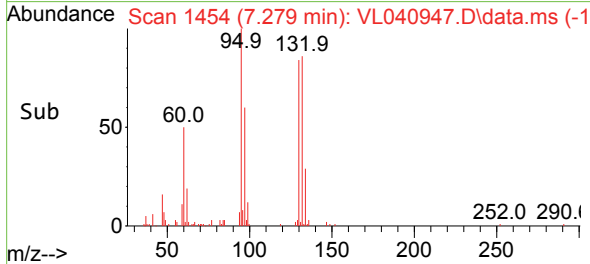
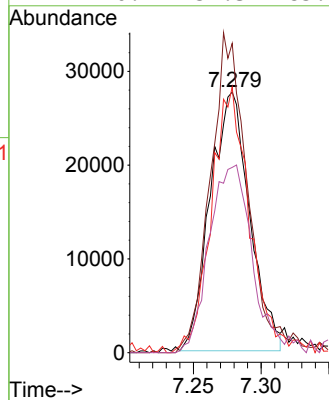
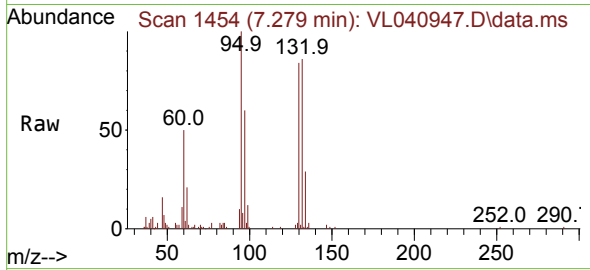
SV4DL2

Tgt Ion:	130	Resp:	5575
Ion Ratio	Lower	Upper	
130	100		
95	117.2	93.5	140.3
132	100.0	77.4	116.2
97	70.9	57.3	85.9

Manual Integrations

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Supervised By :Mahesh Dadoda 12/26/2023



#52

Tetrachloroethene

Concen: 9.974 ppbv

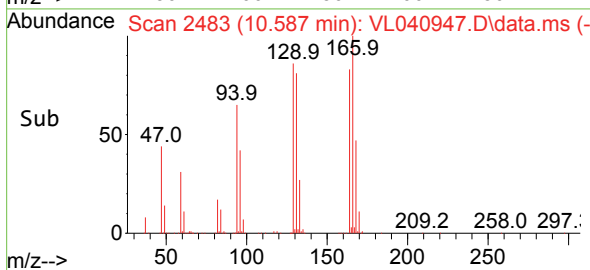
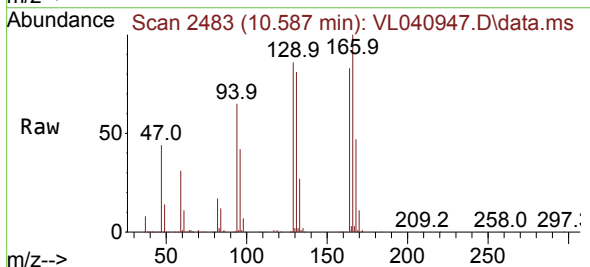
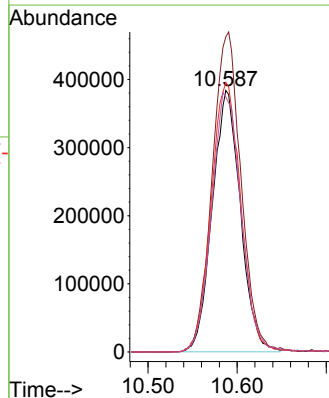
RT: 10.587 min Scan# 2483

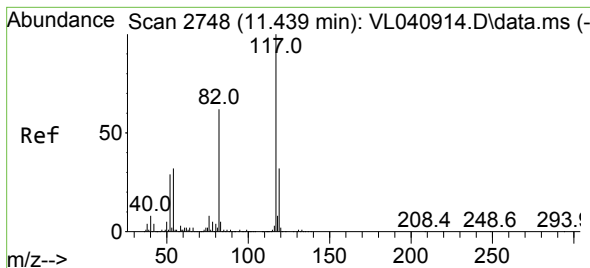
Delta R.T. -0.003 min

Lab File: VL040947.D

Acq: 22 Dec 2023 2:05

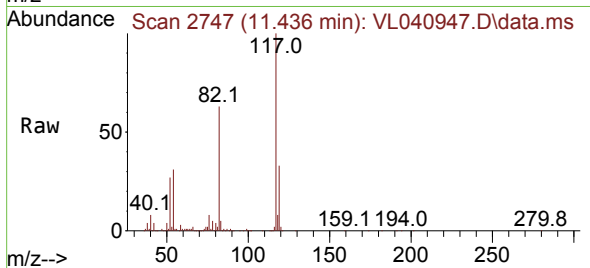
Tgt Ion:	164	Resp:	839049
Ion Ratio	Lower	Upper	
164	100		
166	120.4	98.9	148.3
129	103.0	88.7	133.1
131	97.6	87.1	130.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

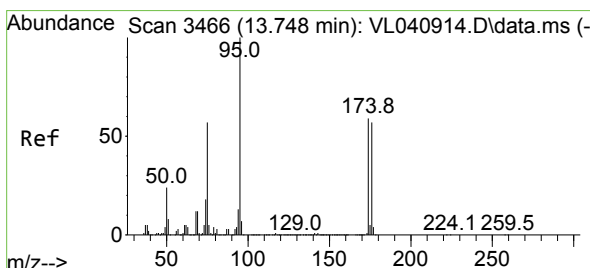
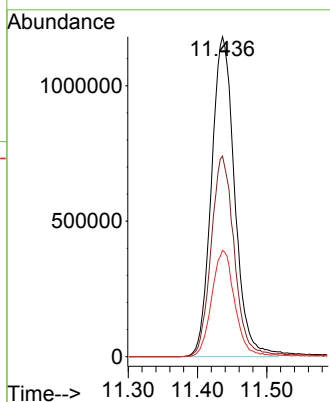
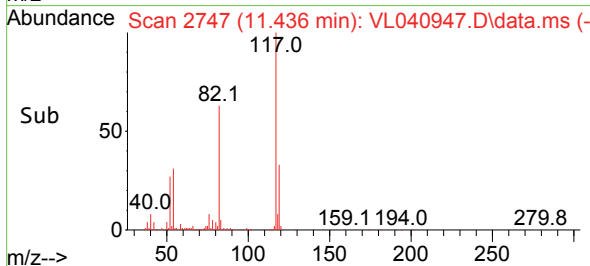
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2



Tgt Ion:117 Resp: 2752610
Ion Ratio Lower Upper
117 100
82 63.5 49.6 74.4
119 33.4 23.4 35.0

Manual Integrations
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Supervised By :Mahesh Dadoda 12/26/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.781 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040947.D
Acq: 22 Dec 2023 2:05

Tgt Ion: 95 Resp: 1983210
Ion Ratio Lower Upper
95 100
174 64.2 48.0 72.0
175 4.9 3.7 5.5

