

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
 Data File : VL041266.D
 Acq On : 21 May 2024 15:32
 Operator : SY/MD
 Sample : P2533-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/22/2024
 Supervised By :Mahesh Dadoda 05/22/2024

Quant Time: May 22 05:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed May 22 05:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1033080	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2799870	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2552936	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2041660	10.593	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.690	51	67158	0.428	ppbv	98
15) Acetone	3.494	43	68308	0.560	ppbv #	76
20) Methylene Chloride	3.944	84	112070	2.643	ppbv	98
26) Hexane	5.218	57	113526	1.045	ppbv #	41
29) Chloroform	5.279	83	24362	0.163	ppbv	96
34) 2-Butanone	4.806	43	124537	0.874	ppbv	98
38) Trichloroethene	7.298	130	47681	0.545	ppbv	94
51) 2-Hexanone	9.571	43	27657m	0.146	ppbv	
52) Tetrachloroethene	10.619	164	635362	7.694	ppbv	98
74) 1,2,4-Trimethylbenzene	16.108	105	33322m	0.108	ppbv	

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

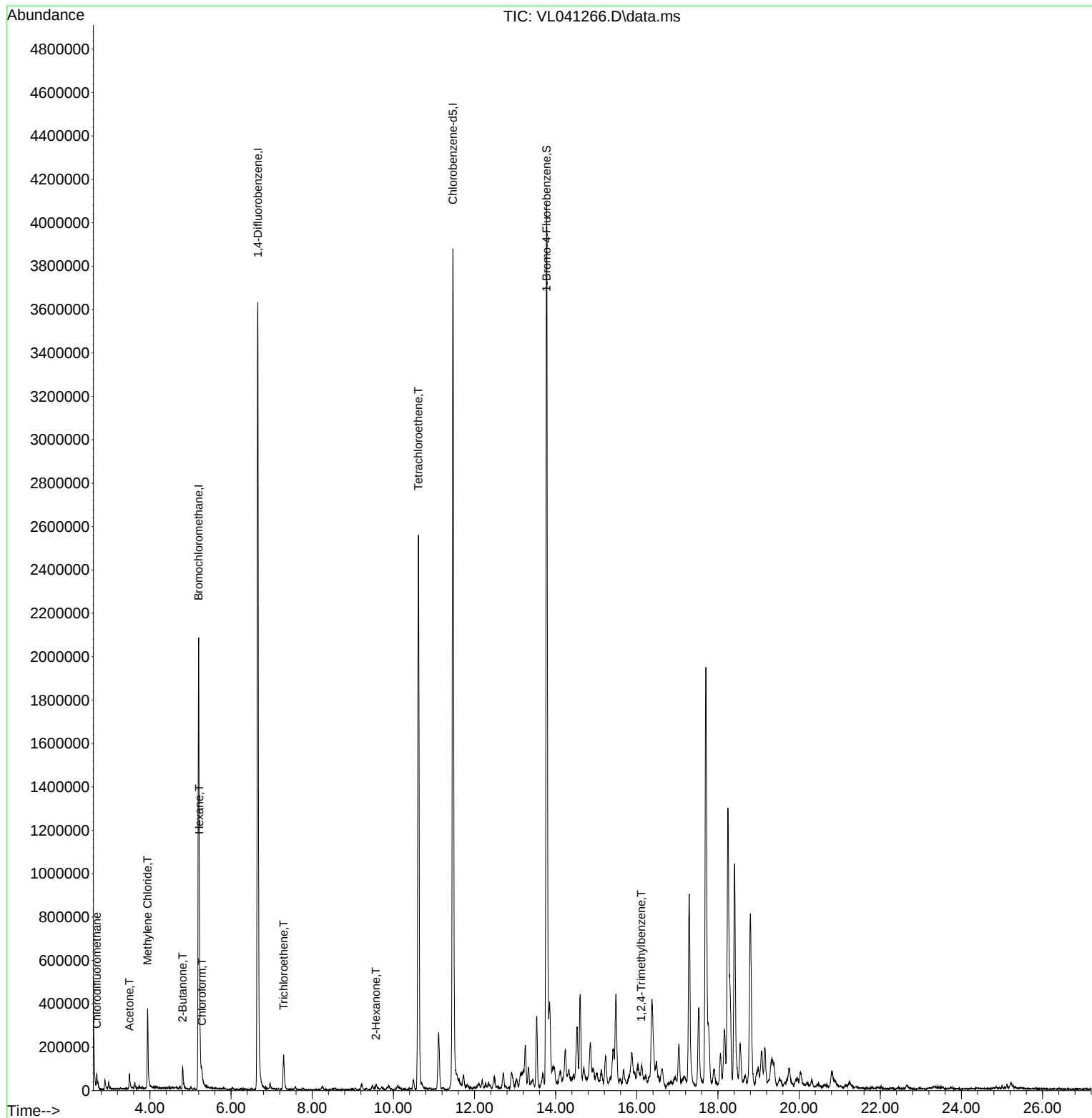
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052124\
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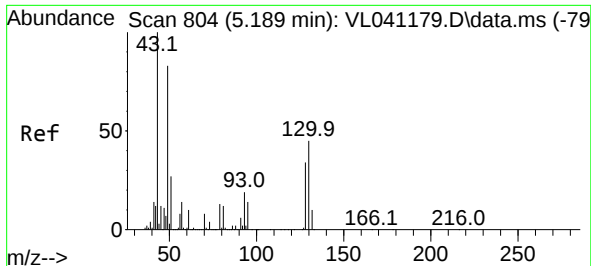
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Quant Time: May 22 05:44:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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Response via : Initial Calibration

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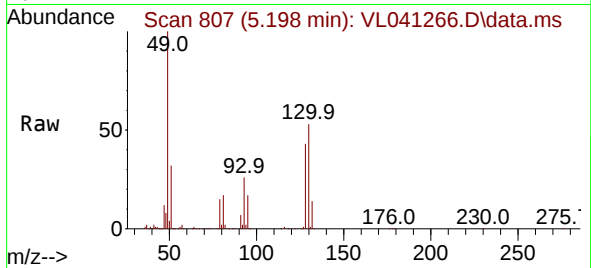
Reviewed By : Semsettin Yesilyurt 05/22/2024
Supervised By : Mahesh Dadoda 05/22/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

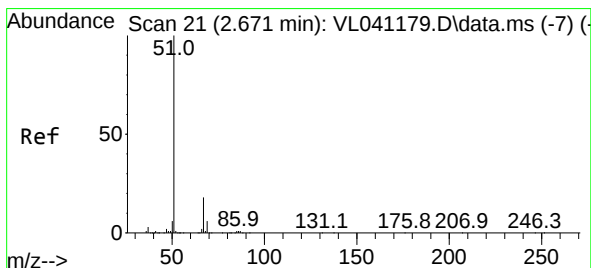
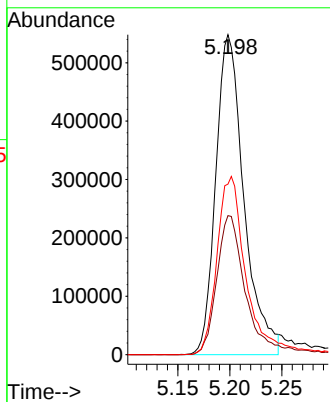
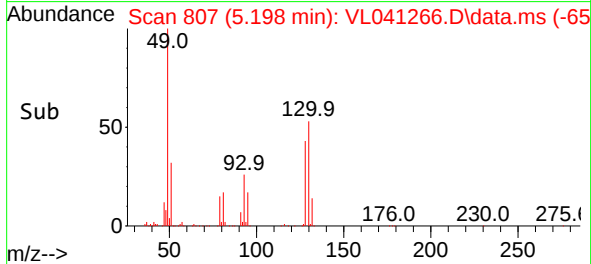
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 1033080
Ion Ratio Lower Upper
49 100
128 46.4 21.5 64.5
130 59.6 27.2 81.6

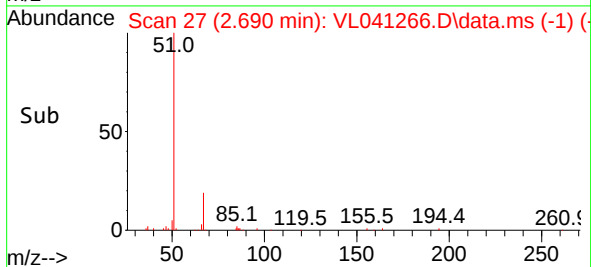
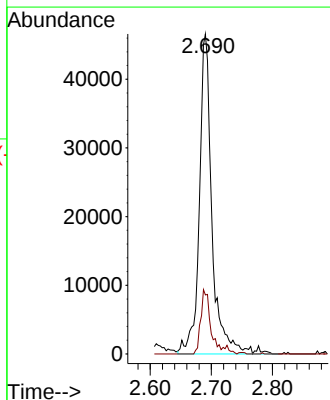
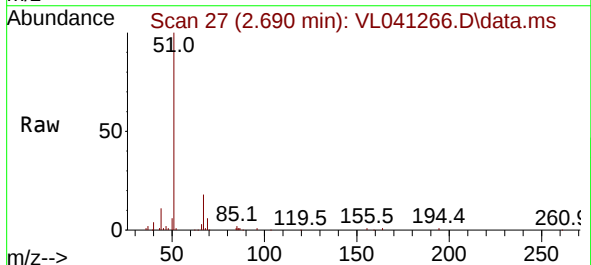
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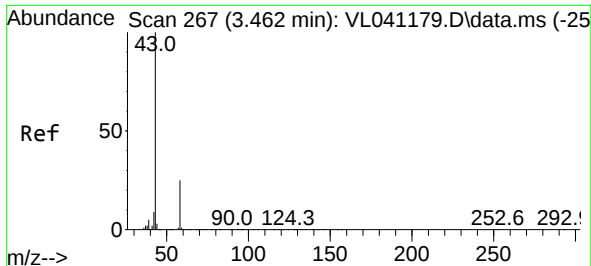
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#3
Chlorodifluoromethane
Concen: 0.428 ppbv
RT: 2.690 min Scan# 27
Delta R.T. -0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

Tgt Ion: 51 Resp: 67158
Ion Ratio Lower Upper
51 100
67 16.8 14.0 21.0





#15

Acetone

Concen: 0.560 ppbv

RT: 3.494 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041266.D

Acq: 21 May 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tgt Ion: 43 Resp: 68308

Ion Ratio Lower Upper

43 100

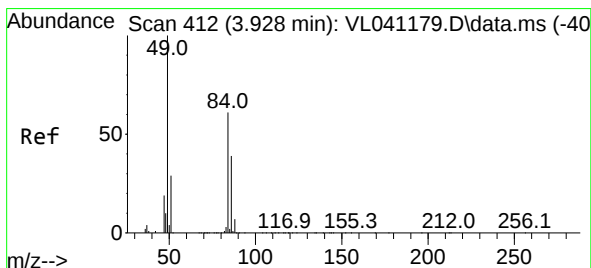
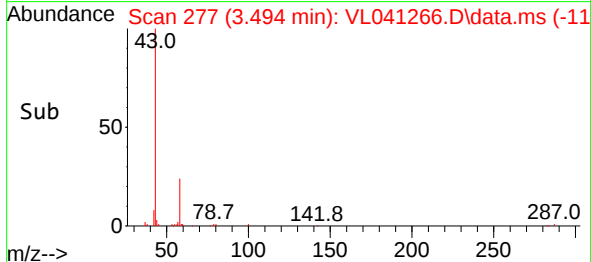
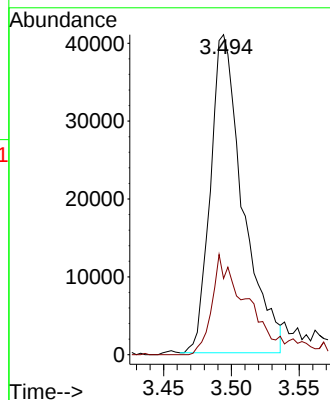
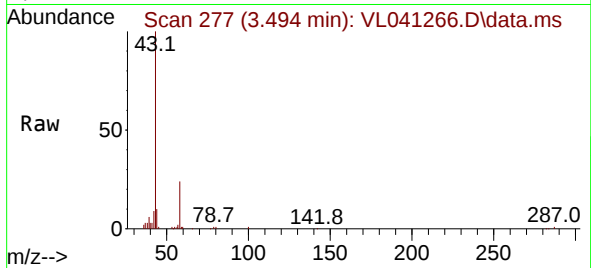
58 39.1 21.4 32.0

Manual Integrations

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#20

Methylene Chloride

Concen: 2.643 ppbv

RT: 3.944 min Scan# 417

Delta R.T. -0.000 min

Lab File: VL041266.D

Acq: 21 May 2024 15:32

Tgt Ion: 84 Resp: 112070

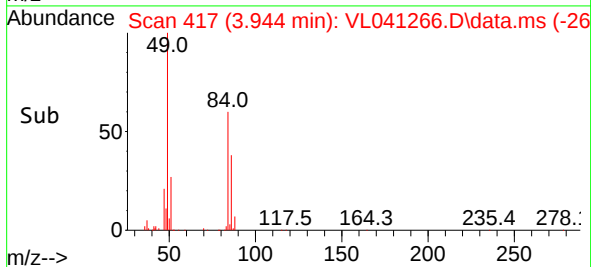
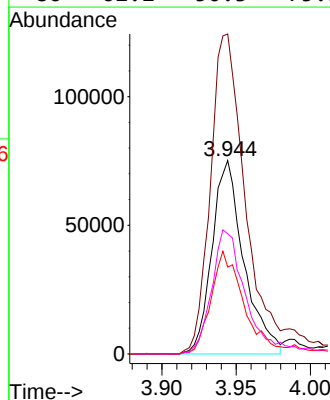
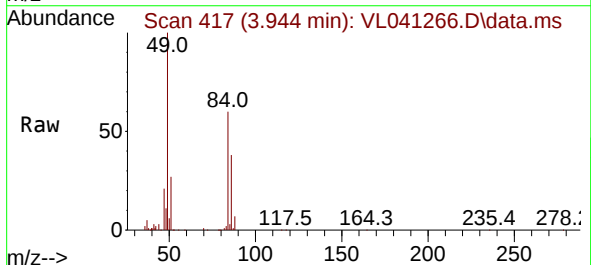
Ion Ratio Lower Upper

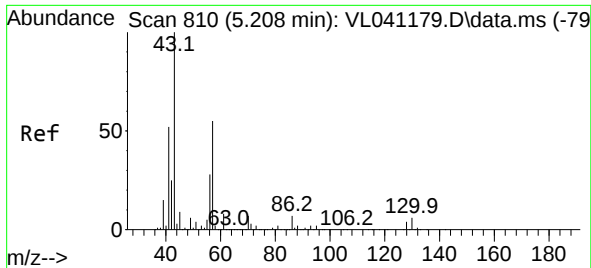
84 100

49 165.2 130.4 195.6

51 45.0 38.0 57.0

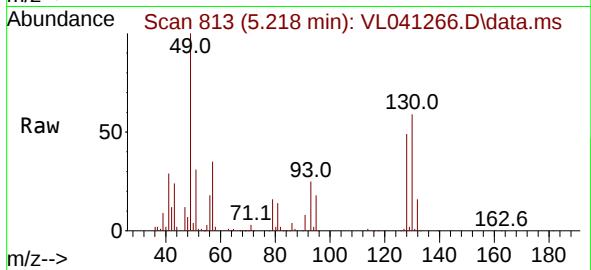
86 62.2 50.3 75.5





#26
Hexane
Concen: 1.045 ppbv
RT: 5.218 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

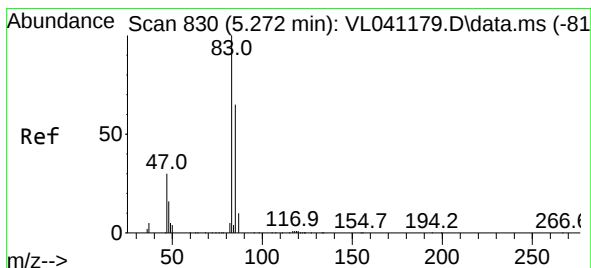
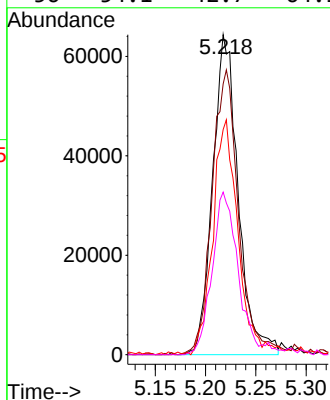
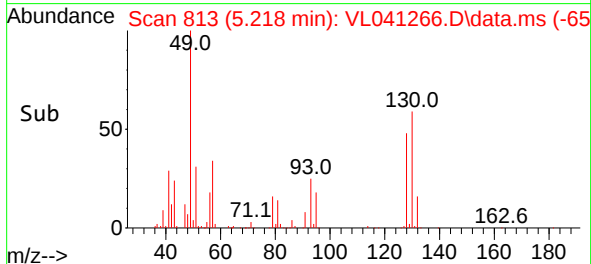
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 57 Resp: 113520
Ion Ratio Lower Upper
57 100
41 94.5 75.8 113.8
43 73.2 187.0 280.4
56 54.1 42.7 64.1

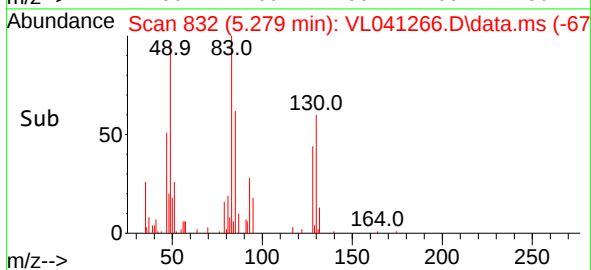
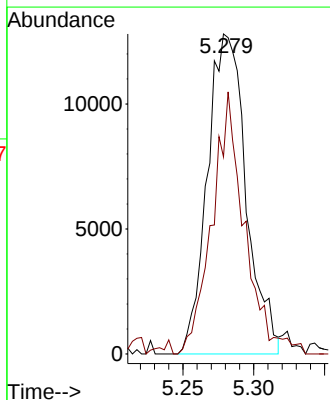
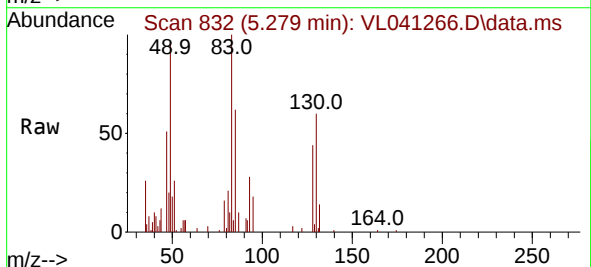
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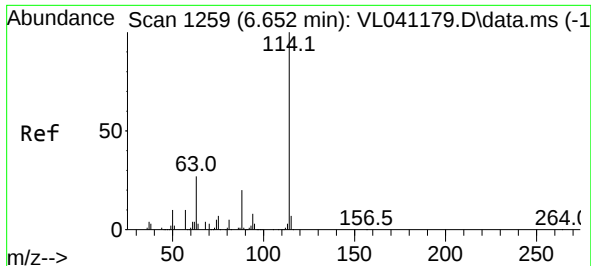
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#29
Chloroform
Concen: 0.163 ppbv
RT: 5.279 min Scan# 832
Delta R.T. -0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

Tgt Ion: 83 Resp: 24362
Ion Ratio Lower Upper
83 100
85 61.6 51.7 77.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041266.D

Acq: 21 May 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tgt Ion:114 Resp: 2799870

Ion Ratio Lower Upper

114 100

63 25.9 21.8 32.6

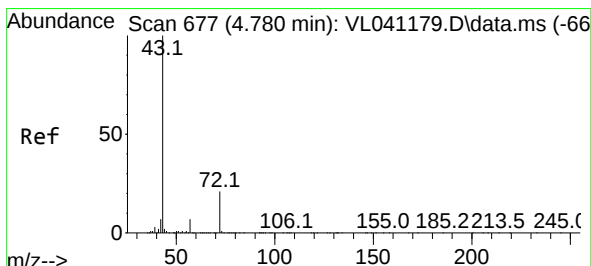
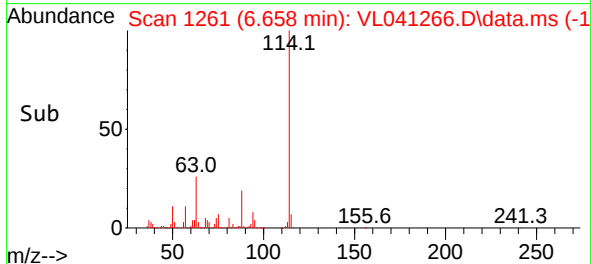
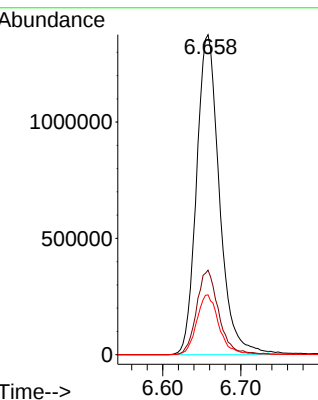
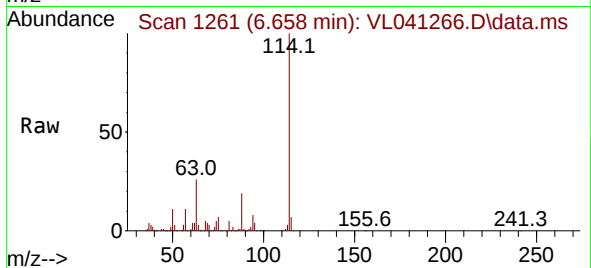
88 18.3 15.2 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/22/2024

Supervised By :Mahesh Dadoda 05/22/2024



#34

2-Butanone

Concen: 0.874 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.013 min

Lab File: VL041266.D

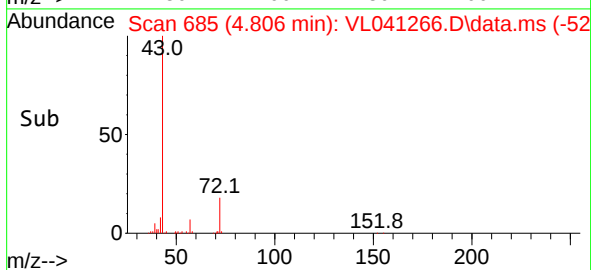
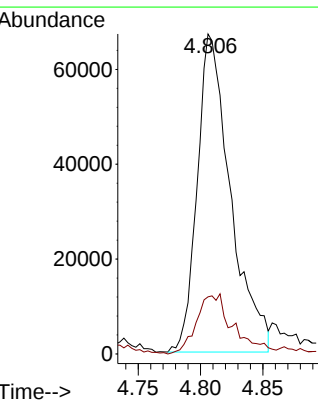
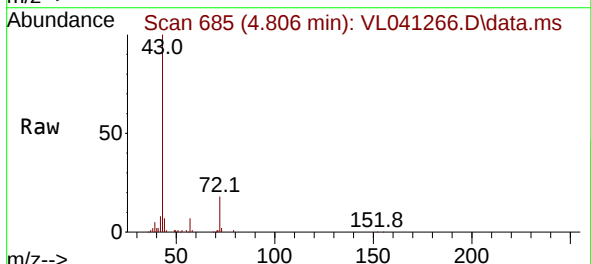
Acq: 21 May 2024 15:32

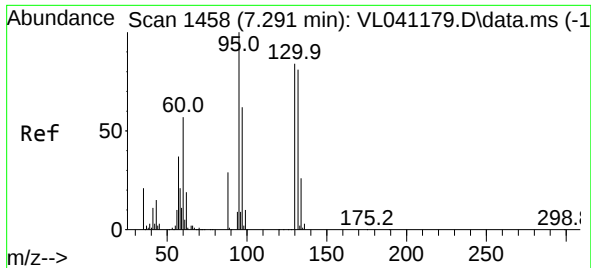
Tgt Ion: 43 Resp: 124537

Ion Ratio Lower Upper

43 100

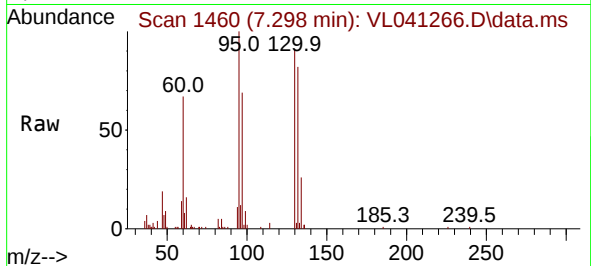
72 22.3 17.3 25.9





#38
Trichloroethene
Concen: 0.545 ppbv
RT: 7.298 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

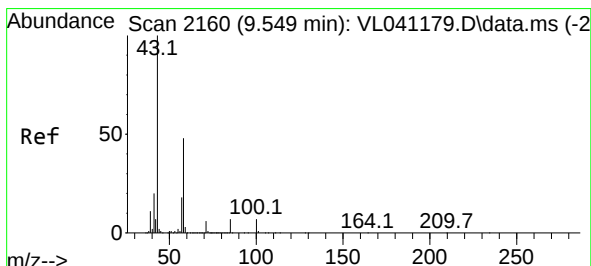
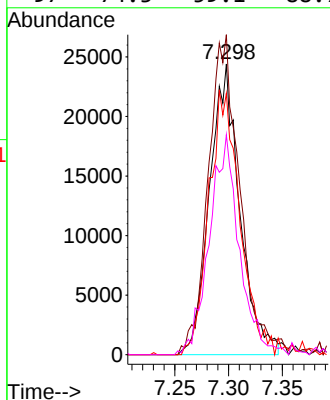
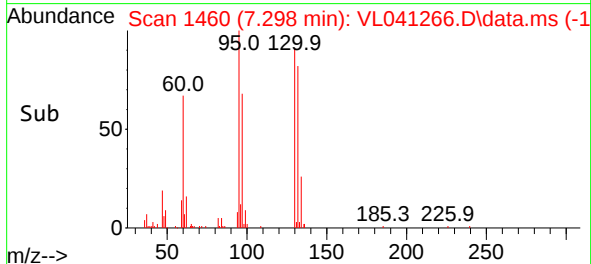
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion:130 Resp: 4768
Ion Ratio Lower Upper
130 100
95 110.1 95.0 142.6
132 89.8 77.0 115.4
97 74.3 59.1 88.7

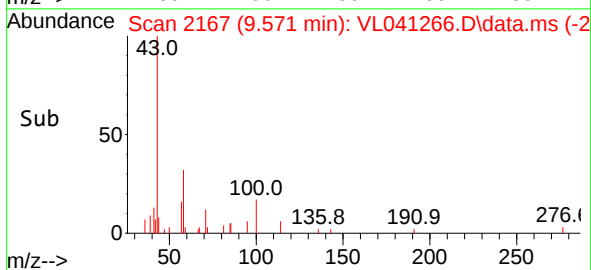
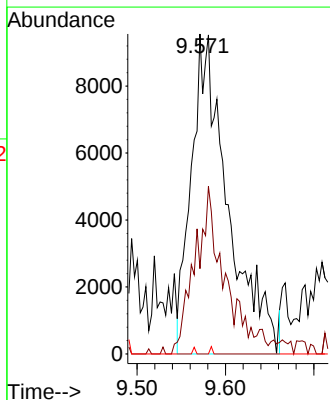
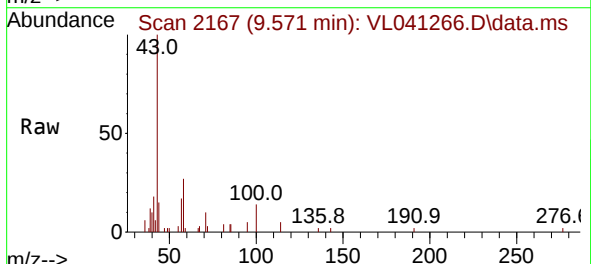
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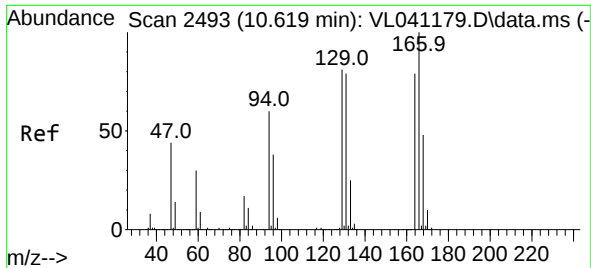
Reviewed By :Semsettin Yesilyurt 05/22/2024
Supervised By :Mahesh Dadoda 05/22/2024



#51
2-Hexanone
Concen: 0.146 ppbv m
RT: 9.571 min Scan# 2167
Delta R.T. 0.022 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

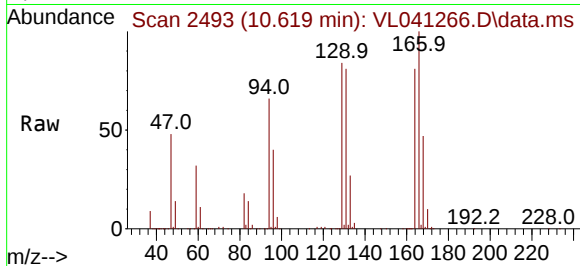
Tgt Ion: 43 Resp: 27657
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.0 0.0 0.0





#52
Tetrachloroethene
Concen: 7.694 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

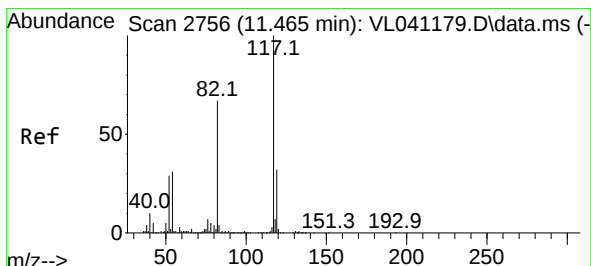
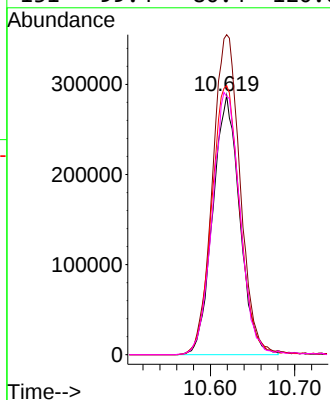
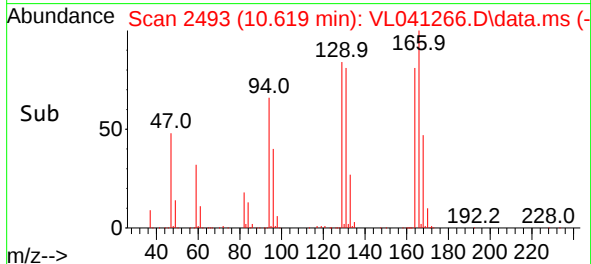
Instrument :
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SV2DL



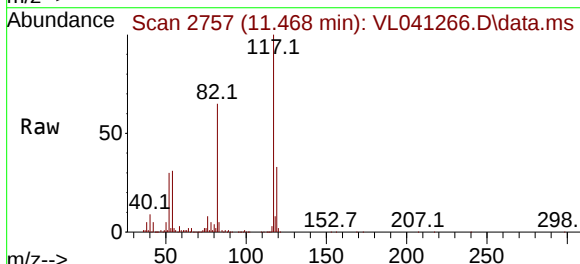
Tgt Ion:164 Resp: 635362
Ion Ratio Lower Upper
164 100
166 123.4 101.1 151.7
129 103.7 81.7 122.5
131 99.4 80.4 120.6

Manual Integrations
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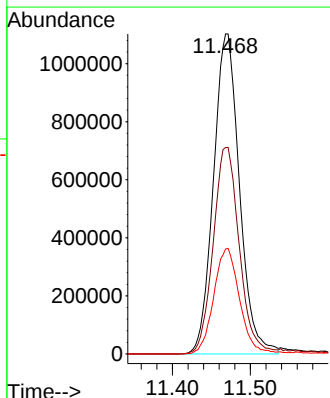
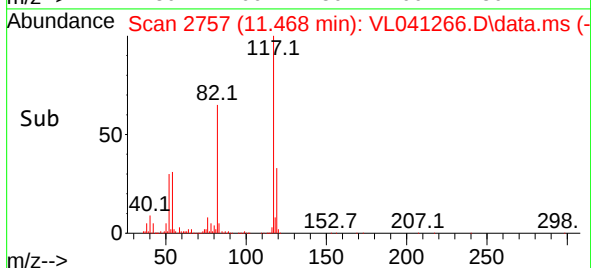
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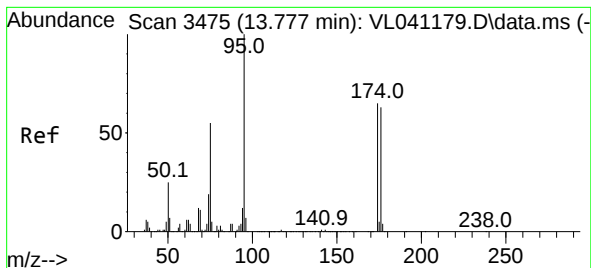


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32



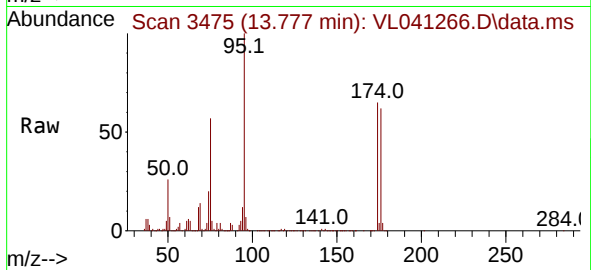
Tgt Ion:117 Resp: 2552936
Ion Ratio Lower Upper
117 100
82 66.5 53.6 80.4
119 33.5 27.2 40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.593 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32

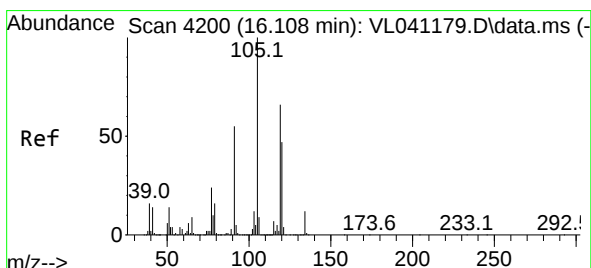
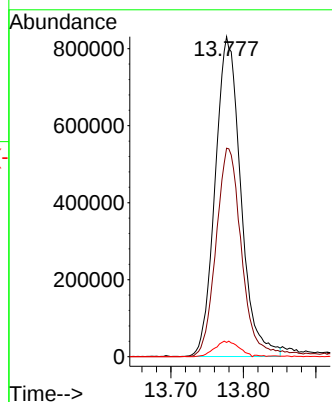
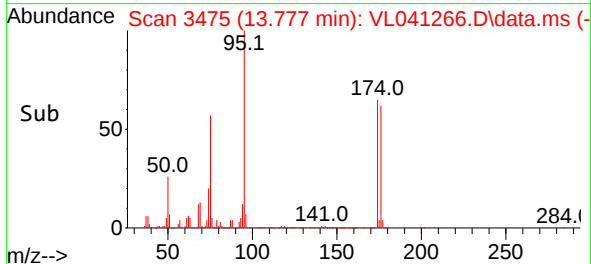
Instrument :
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SV2DL



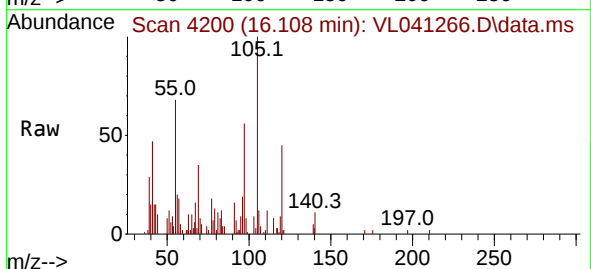
Tgt Ion: 95 Resp: 204166
Ion Ratio Lower Upper
95 100
174 67.1 53.6 80.4
175 4.9 4.2 6.4

Manual Integrations
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#74
1,2,4-Trimethylbenzene
Concen: 0.108 ppbv m
RT: 16.108 min Scan# 4200
Delta R.T. 0.003 min
Lab File: VL041266.D
Acq: 21 May 2024 15:32



Tgt Ion:105 Resp: 33322
Ion Ratio Lower Upper
105 100
120 44.6 37.8 56.6
91 15.6 44.3 66.5#
77 18.0 19.0 28.4#

