

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035720.D
 Acq On : 23 May 2024 22:12
 Operator : SY/MD
 Sample : VIBLK287
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK287

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 03:46:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	2322m	25.000	ug/L	0.06
28) Chlorobenzene-d5	8.809	117	2572m	25.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.214	152	670m	25.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	929	25.885	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.560%		
7) Chloroethane-d5	1.529	69	877	30.290	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	121.160%		
11) 1,1-Dichloroethene-d2	2.063	65	248	15.609	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.440%		
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
24) Chloroform-d	4.272	84	1197	17.340	ug/L	0.03
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.360%		
26) 1,2-Dichloroethane-d4	4.986	65	100	2.930	ug/L	0.05
Spiked Amount 25.000	Range 70 - 130		Recovery =	11.720%#		
32) Benzene-d6	4.982	84	1052	7.472	ug/L	0.03
Spiked Amount 25.000	Range 20 - 135		Recovery =	29.880%		
36) 1,2-Dichloropropane-d6	6.015	67	708	16.295	ug/L	0.03
Spiked Amount 25.000	Range 70 - 120		Recovery =	65.200%#		
41) Toluene-d8	7.281	98	1581	12.617	ug/L	0.04
Spiked Amount 25.000	Range 30 - 130		Recovery =	50.480%		
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery =	0.000%#		
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	146	3.487	ug/L	0.01
Spiked Amount 25.000	Range 45 - 120		Recovery =	13.960%#		
66) 1,2-Dichlorobenzene-d4	11.580	152	488	20.987	ug/L	0.02
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.960%		
Target Compounds						
3) Chloromethane	1.214	50	1008	21.267	ug/L	91
6) Bromomethane	1.491	94	286	9.224	ug/L #	55
8) Chloroethane	1.542	64	44	1.458	ug/L #	43
13) Acetone	2.166	43	286	19.183	ug/L #	70
15) Methyl Acetate	2.330	43	73	3.232	ug/L #	52
16) Methylene chloride	2.465	84	355	6.630	ug/L	85
25) Chloroform	4.294	83	91	1.162	ug/L	85
35) Methylcyclohexane	6.011	83	65	0.889	ug/L #	20

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

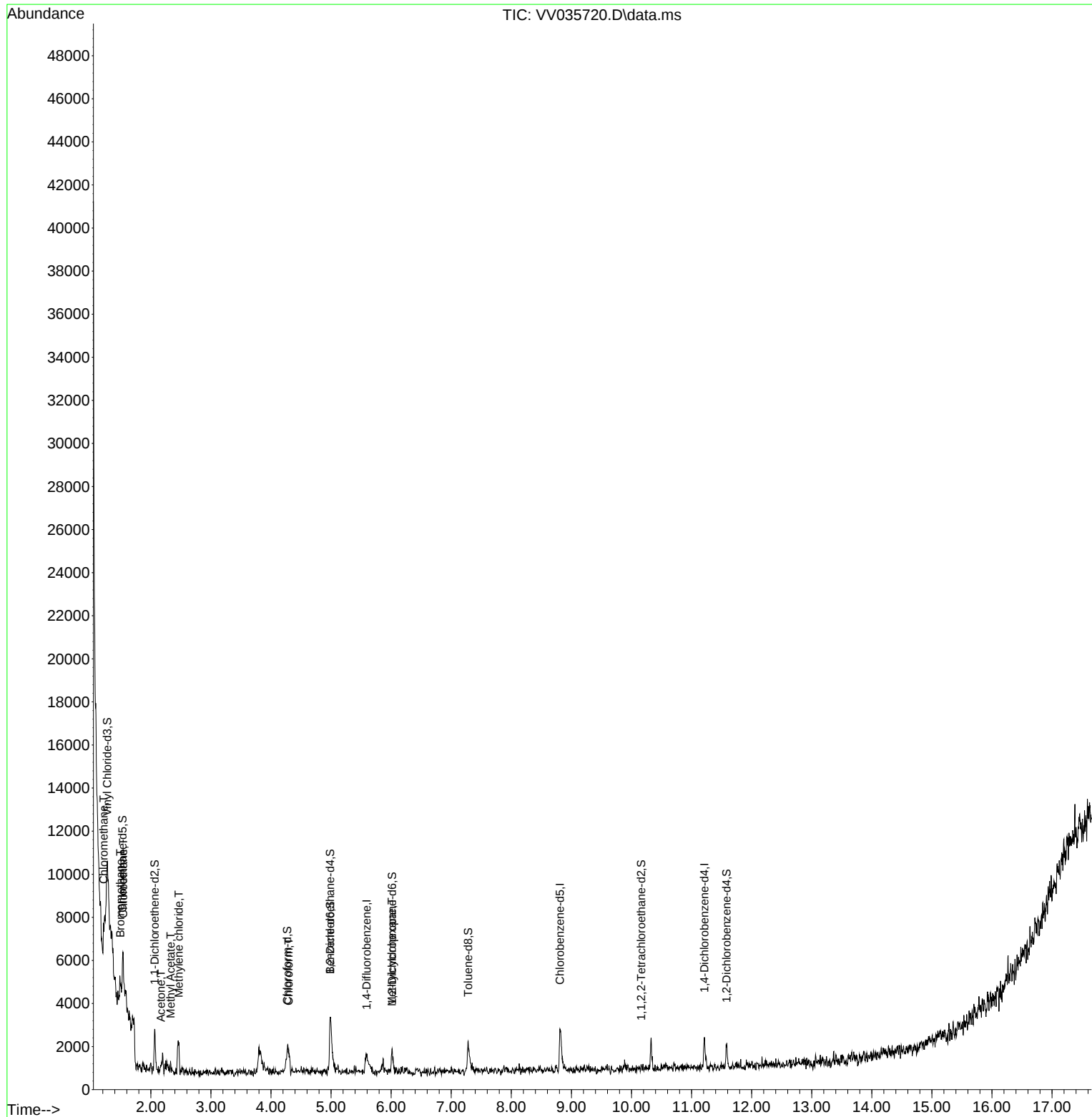
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035720.D
Acq On : 23 May 2024 22:12
Operator : SY/MD
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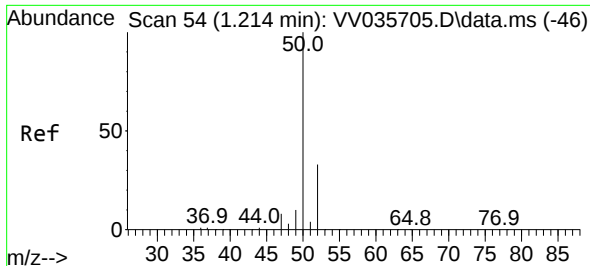
Instrument :
MSVOA_V
ClientSampleId :
VIBLK287

Quant Time: May 24 03:46:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 03:15:35 2024
Response via : Initial Calibration

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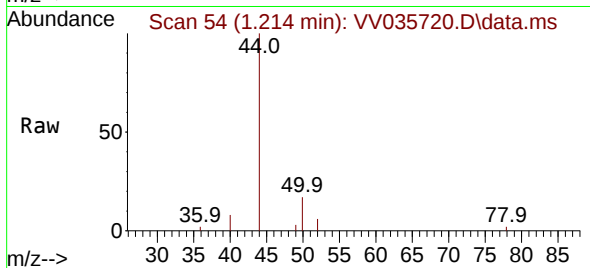
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024





#3
Chloromethane
Concen: 21.267 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

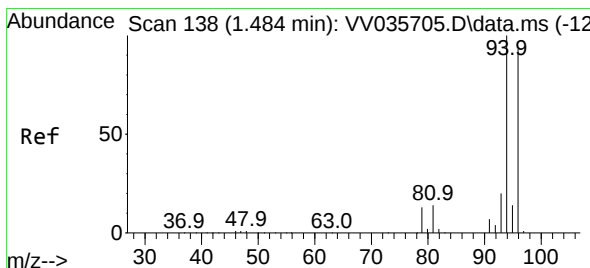
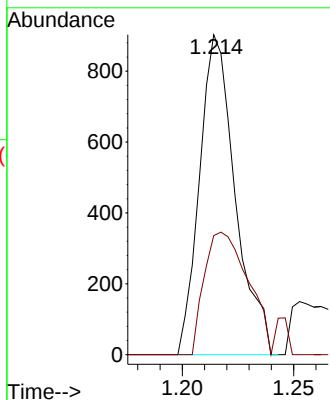
Instrument :
MSVOA_V
ClientSampleId :
VIBLK287



Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 37.2 22.7 42.1

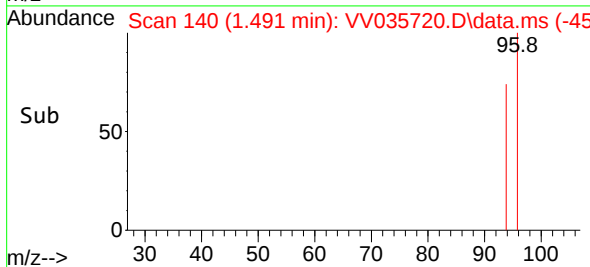
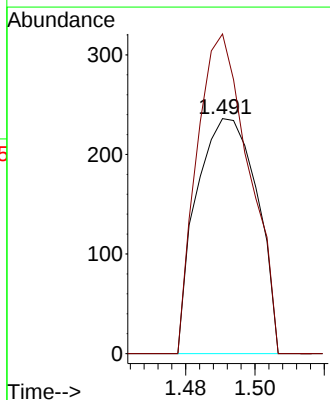
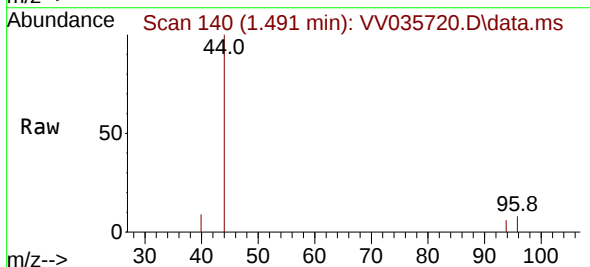
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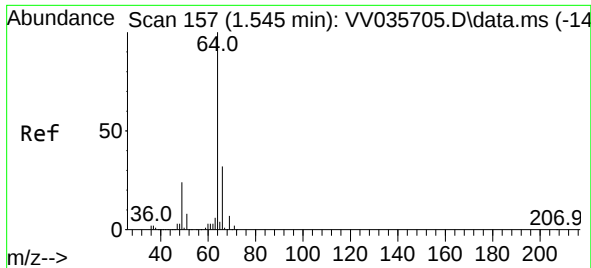
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#6
Bromomethane
Concen: 9.224 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.006 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

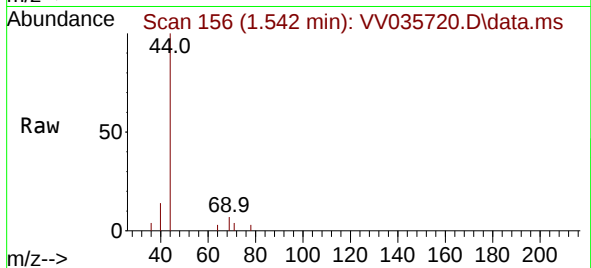
Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 136.0 65.2 121.0#





#8
Chloroethane
Concen: 1.458 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

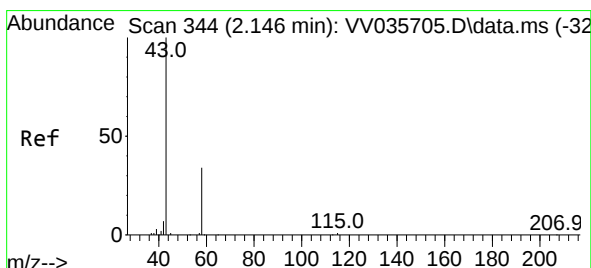
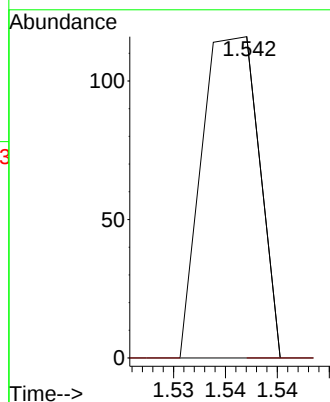
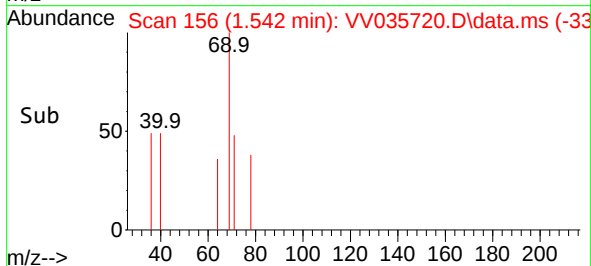
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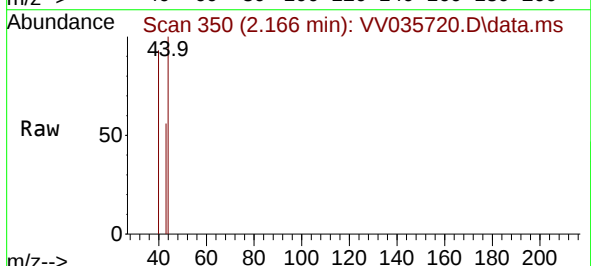
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 22.0 40.8

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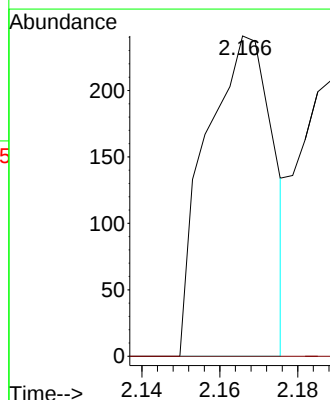
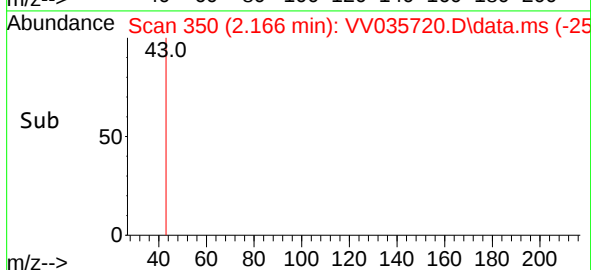
Reviewed By :Mahesh Dadoda 05/24/2024
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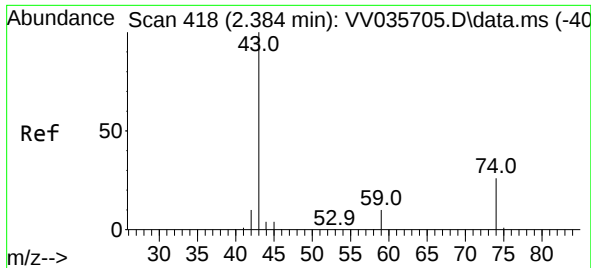


#13
Acetone
Concen: 19.183 ug/L
RT: 2.166 min Scan# 350
Delta R.T. 0.019 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12



Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 0.0 0.0 22.8





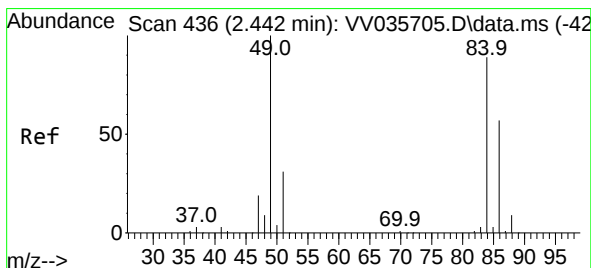
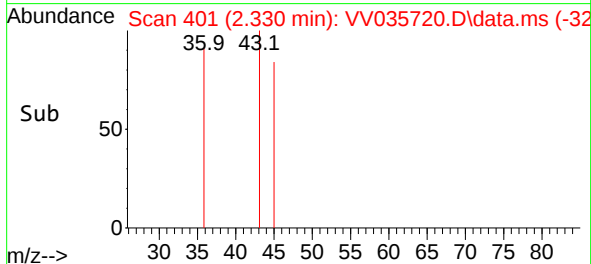
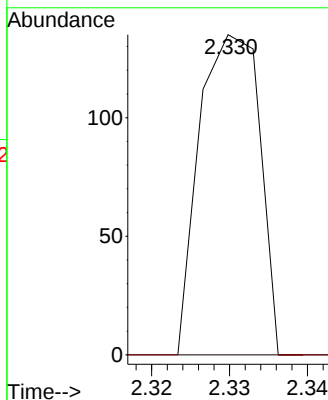
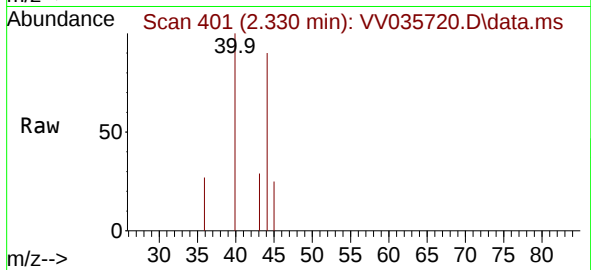
#15
Methyl Acetate
Concen: 3.232 ug/L
RT: 2.330 min Scan# 401
Delta R.T. -0.055 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Instrument :
MSVOA_V
ClientSampleId :
VIBLK287

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8

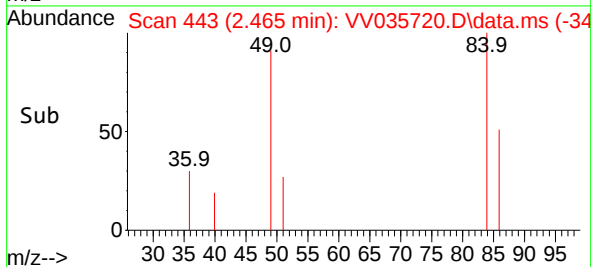
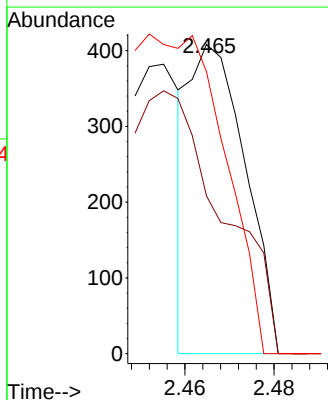
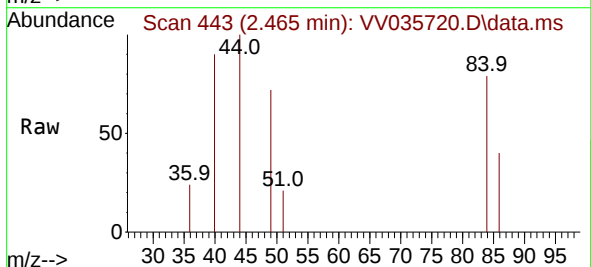
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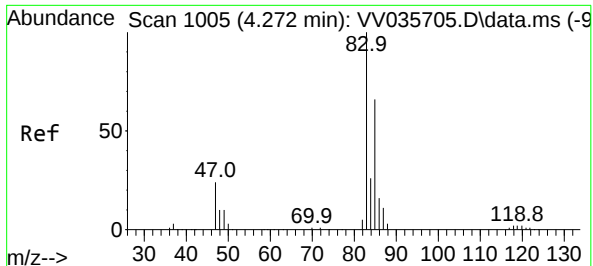
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#16
Methylene chloride
Concen: 6.630 ug/L
RT: 2.465 min Scan# 443
Delta R.T. 0.023 min
Lab File: VV035720.D
Acq: 23 May 2024 22:12

Tgt Ion: 84 Resp: 355
Ion Ratio Lower Upper
84 100
86 51.0 43.8 81.3
49 91.2 75.3 139.9





#25

Chloroform

Concen: 1.162 ug/L

RT: 4.294 min Scan# 1012

Delta R.T. 0.023 min

Lab File: VV035720.D

Acq: 23 May 2024 22:12

Instrument :

MSVOA_V

ClientSampleId :

VIBLK287

Tgt Ion: 83 Resp: 91

Ion Ratio Lower Upper

83 100

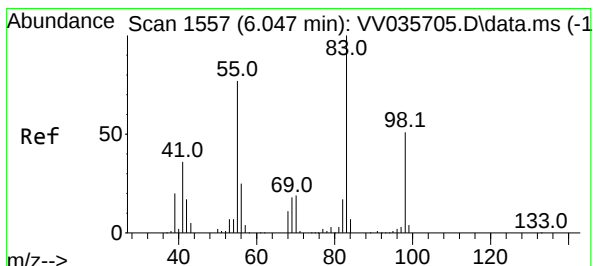
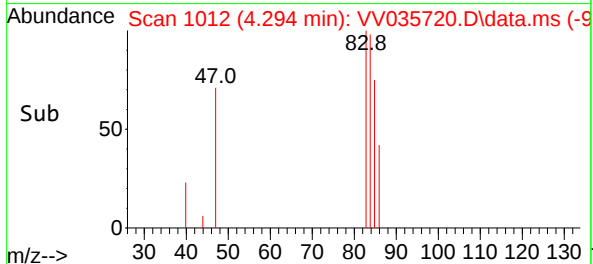
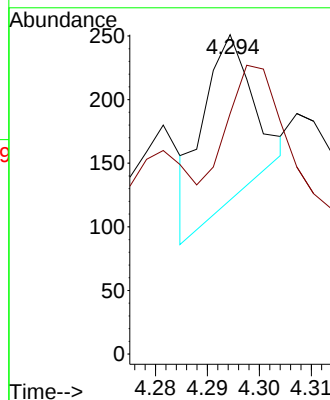
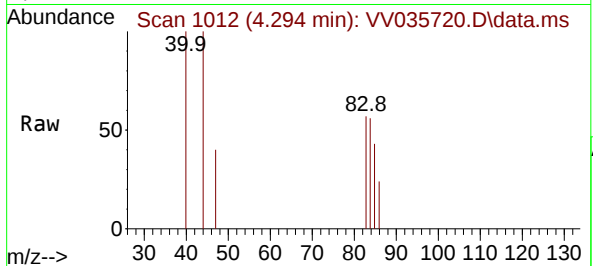
85 75.3 44.7 82.9

Manual Integrations

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#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.011 min Scan# 1546

Delta R.T. -0.035 min

Lab File: VV035720.D

Acq: 23 May 2024 22:12

Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

55 0.0 57.5 86.3#

98 0.0 38.6 58.0#

