

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038269.D
 Acq On : 22 Nov 2024 14:43
 Operator : SY/MD
 Sample : P4884-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/29/2024

Quant Time: Nov 23 00:02:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	241521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	264379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	103651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67367	3.639	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.800%		
7) Chloroethane-d5	1.529	69	67156	4.485	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	89.600%		
11) 1,1-Dichloroethene-d2	2.053	65	30763	3.862	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	77.200%		
20) 2-Butanone-d5	3.780	46	149195	40.287	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	80.580%		
24) Chloroform-d	4.240	84	162668	4.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.600%		
26) 1,2-Dichloroethane-d4	4.937	65	80884	5.017	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.400%		
32) Benzene-d6	4.954	84	276381	4.045	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.800%		
36) 1,2-Dichloropropane-d6	5.982	67	96323	4.581	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.600%		
41) Toluene-d8	7.236	98	214634	3.395	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	67.800%#		
43) trans-1,3-Dichloroprop...	7.558	79	25878	3.310	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	66.200%		
46) 2-Hexanone-d5	8.014	63	128164	42.177	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	84.360%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	79405	4.449	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.000%		
66) 1,2-Dichlorobenzene-d4	11.555	152	85808	4.859	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	5558	0.243	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5514	0.304	ug/L	88
13) Acetone	2.108	43	11951m	4.363	ug/L	
16) Methylene chloride	2.439	84	20997	1.067	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	14325	0.367	ug/L	97
19) 1,1-Dichloroethane	3.111	63	4916	0.149	ug/L #	79
22) cis-1,2-Dichloroethene	3.812	96	23204	1.235	ug/L	93
25) Chloroform	4.275	83	6347	0.180	ug/L	76
29) 1,1,1-Trichloroethane	4.507	97	35649	1.124	ug/L	100
34) Trichloroethene	5.822	95	306933	15.162	ug/L	98
42) Toluene	7.323	91	18029	0.229	ug/L	92
47) Tetrachloroethene	7.896	164	331952	20.406	ug/L	99
51) Chlorobenzene	8.812	112	12743	0.235	ug/L	96

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

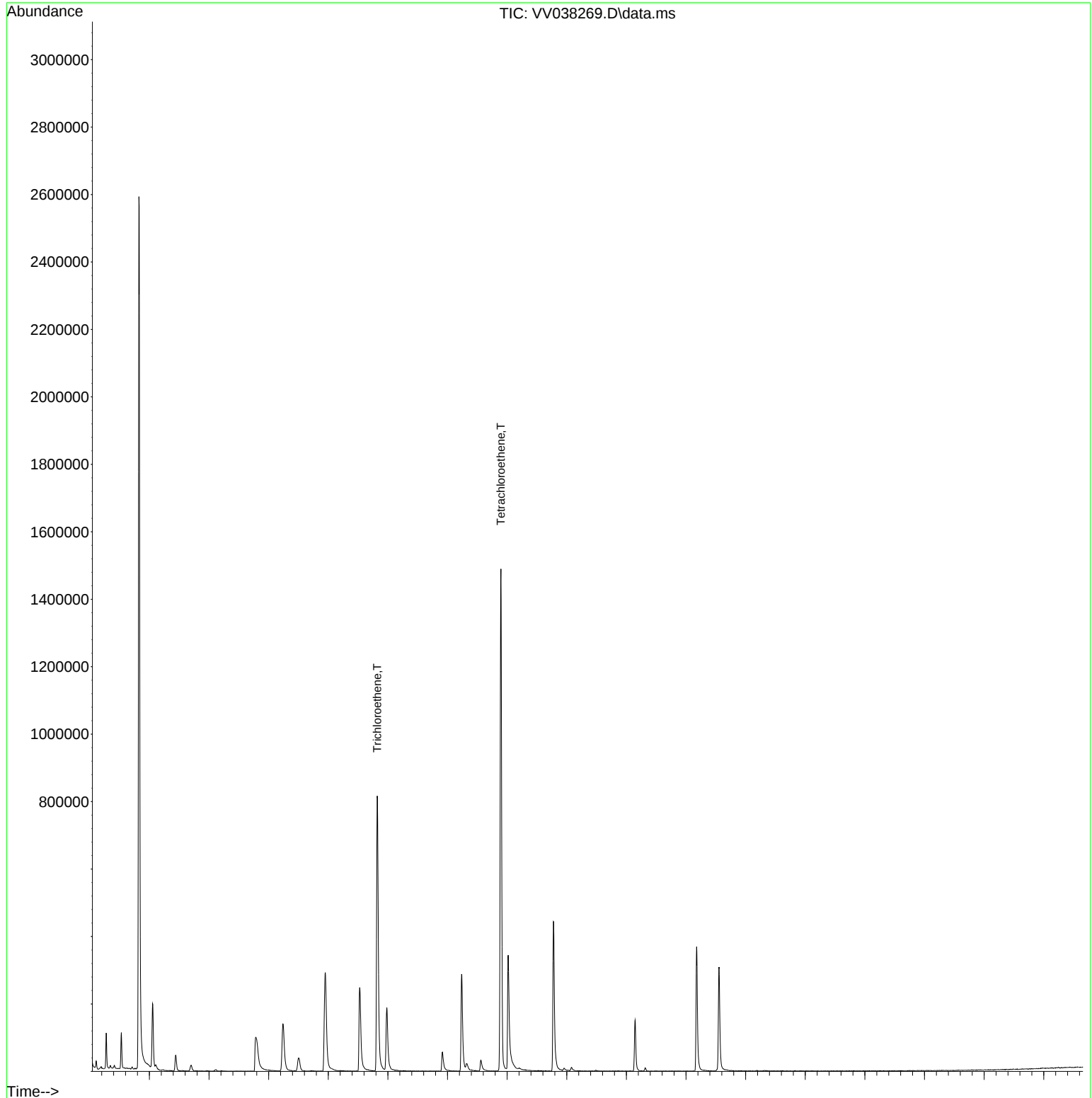
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038269.D
Acq On : 22 Nov 2024 14:43
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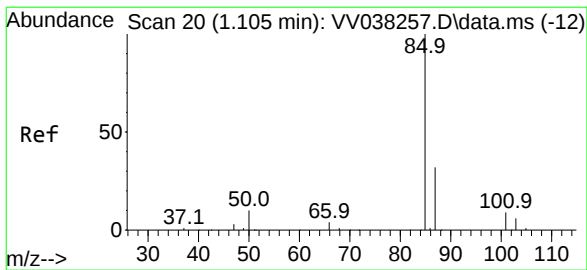
Instrument :
MSVOA_V
ClientSampleId :
BG3N4

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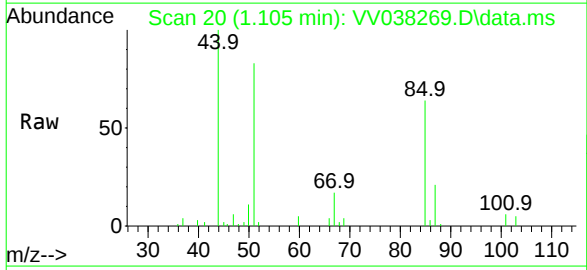
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 23:57:44 2024
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 0.243 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

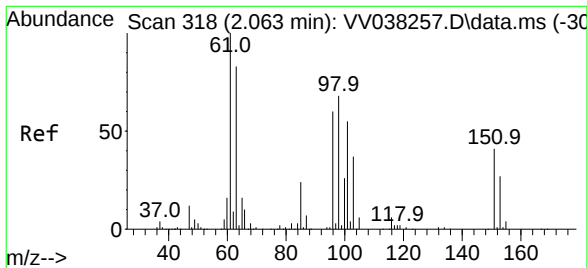
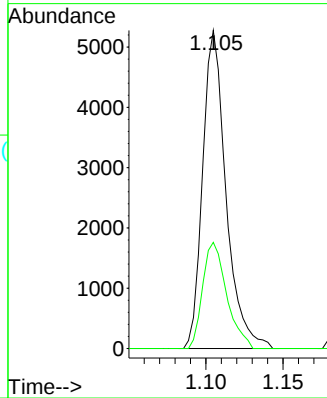
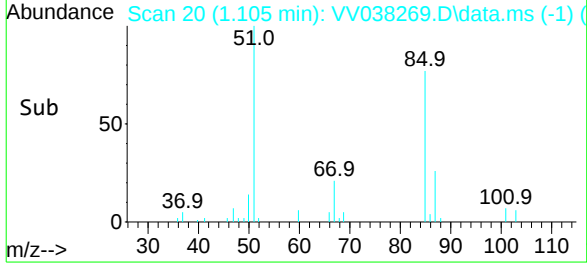
Instrument :
MSVOA_V
ClientSampleId :
BG3N4



Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.3	26.5	39.7

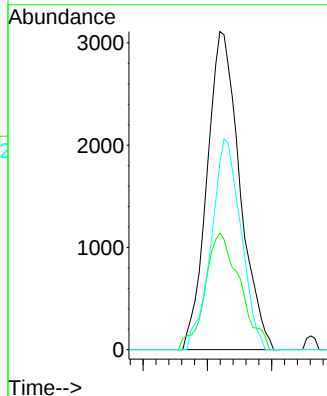
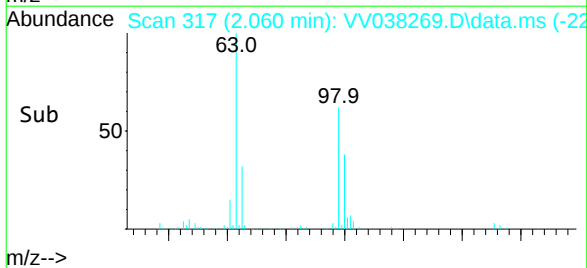
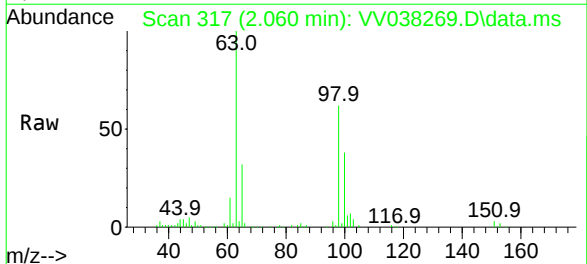
Manual Integrations
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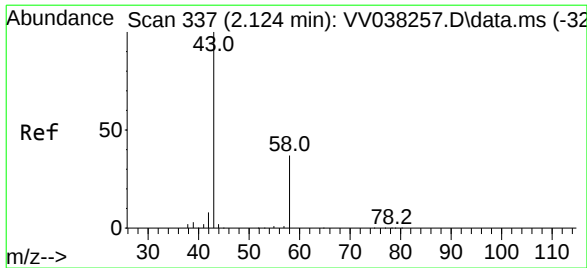
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/29/2024



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.304 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

Tgt Ion	Ratio	Lower	Upper
101	100		
85	38.8	33.4	50.0
151	59.8	58.8	88.2





#13

Acetone

Concen: 4.363 ug/L m

RT: 2.108 min Scan# 33

Delta R.T. -0.016 min

Lab File: VV038269.D

Acq: 22 Nov 2024 14:43

Instrument :

MSVOA_V

ClientSampleId :

BG3N4

Tgt Ion: 43 Resp: 11951

Ion Ratio Lower Upper

43 100

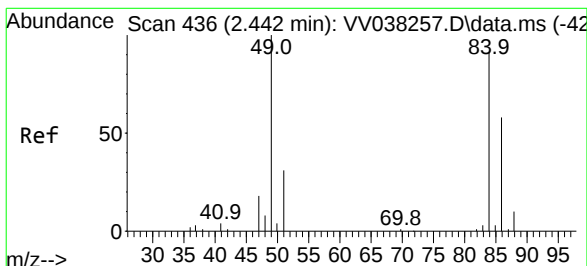
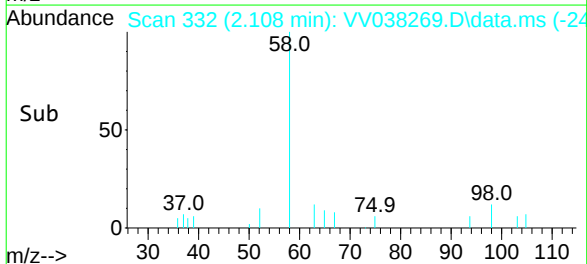
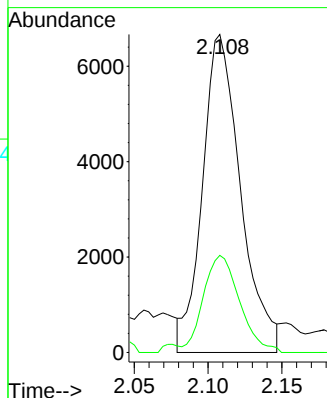
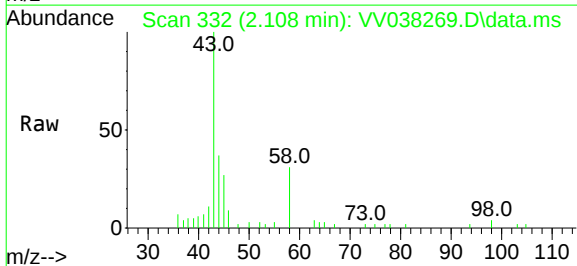
58 0.0 0.0 67.2

Manual Integrations

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#16

Methylene chloride

Concen: 1.067 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV038269.D

Acq: 22 Nov 2024 14:43

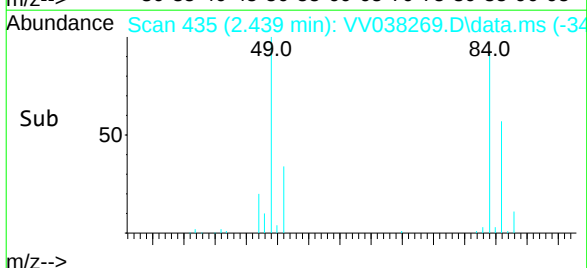
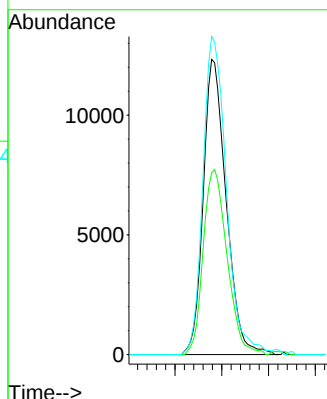
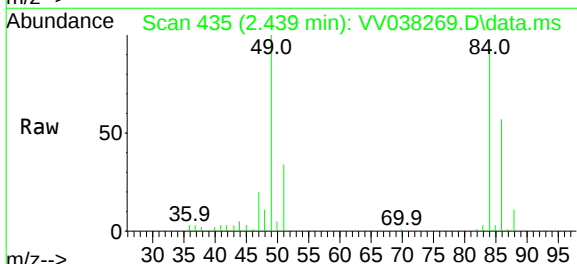
Tgt Ion: 84 Resp: 20997

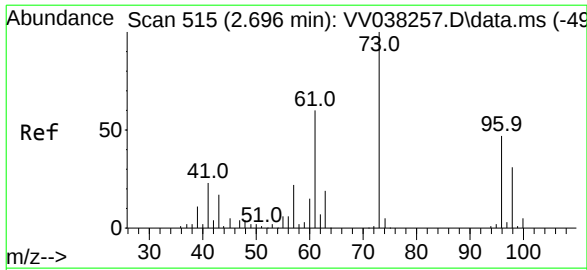
Ion Ratio Lower Upper

84 100

86 61.6 44.2 82.2

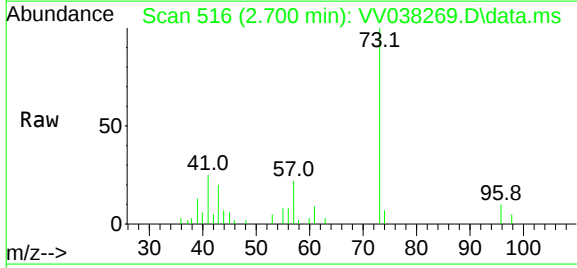
49 107.7 74.9 139.1





#17
Methyl tert-butyl Ether
Concen: 0.367 ug/L
RT: 2.700 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

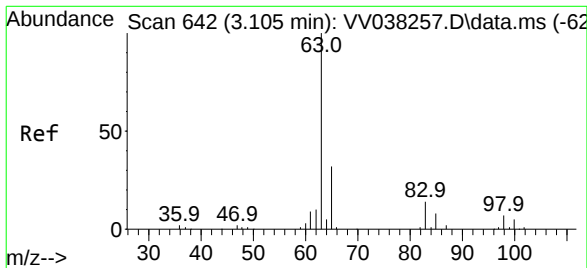
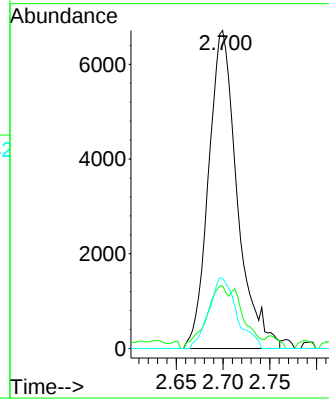
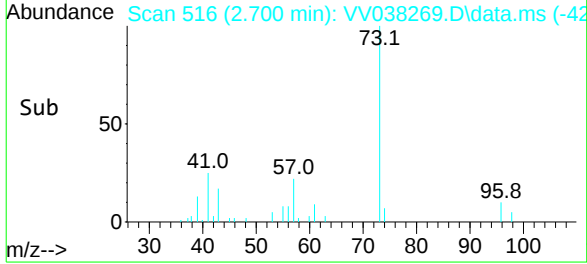
Instrument :
MSVOA_V
ClientSampleId :
BG3N4



Tgt Ion: 73 Resp: 14325
Ion Ratio Lower Upper
73 100
43 14.9 14.2 21.2
57 21.7 17.6 26.4

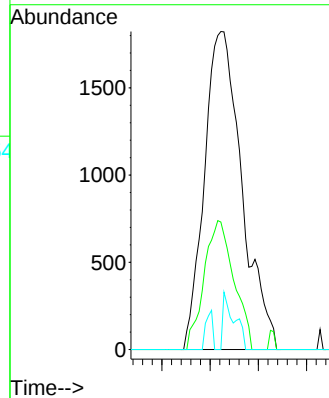
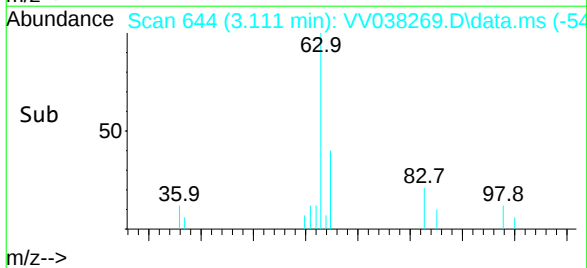
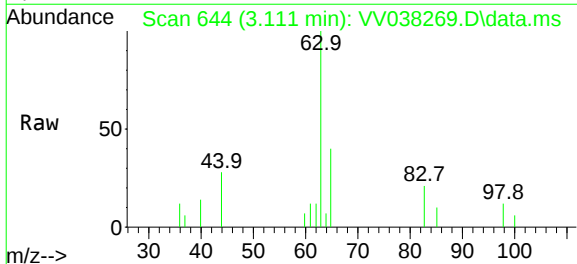
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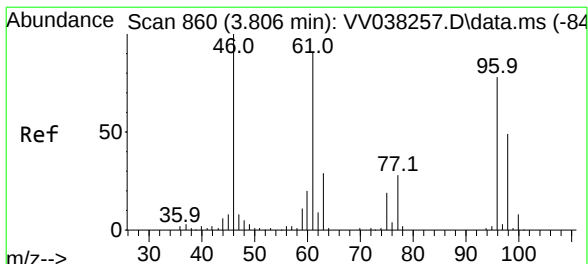
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/29/2024



#19
1,1-Dichloroethane
Concen: 0.149 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

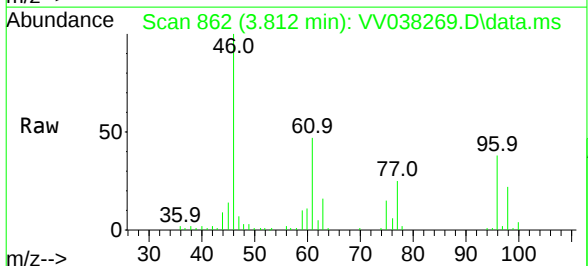
Tgt Ion: 63 Resp: 4916
Ion Ratio Lower Upper
63 100
65 40.1 22.5 41.7
83 0.0 10.1 18.9#





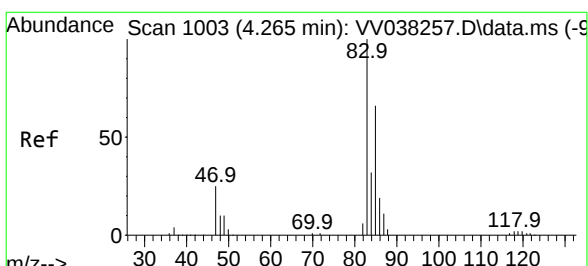
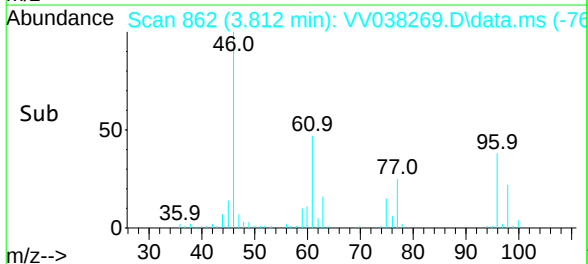
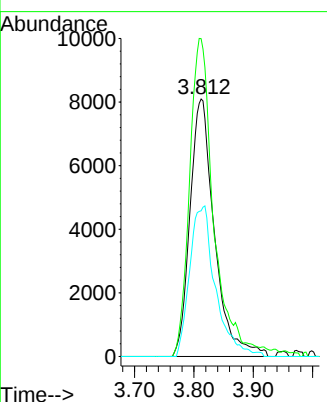
#22
 cis-1,2-Dichloroethene
 Concen: 1.235 ug/L
 RT: 3.812 min Scan# 860
 Delta R.T. 0.006 min
 Lab File: VV038269.D
 Acq: 22 Nov 2024 14:43

Instrument : MSVOA_V
 ClientSampleId : BG3N4



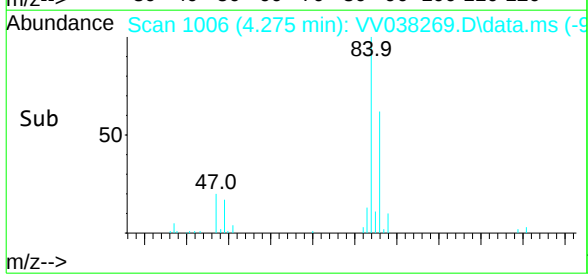
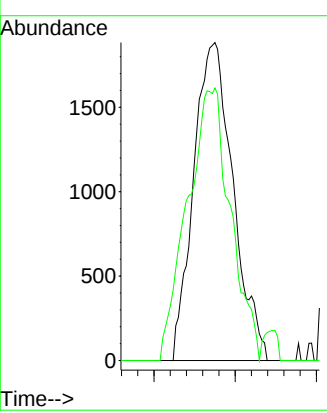
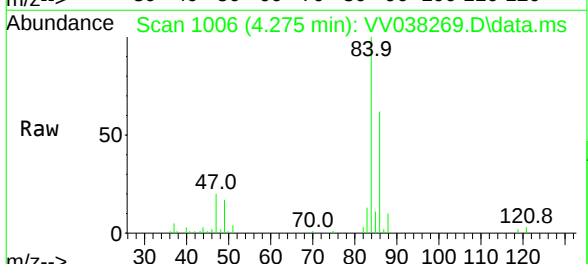
Tgt Ion:	96	Resp:	23204
Ion	Ratio	Lower	Upper
96	100		
61	123.4	82.7	153.5
98	56.6	46.3	85.9

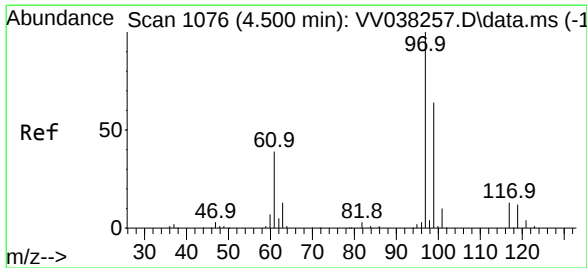
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 Supervised By :Semsettin Yesilyurt 11/29/2024



#25
 Chloroform
 Concen: 0.180 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.010 min
 Lab File: VV038269.D
 Acq: 22 Nov 2024 14:43

Tgt Ion:	83	Resp:	6347
Ion	Ratio	Lower	Upper
83	100		
85	85.7	46.5	86.3





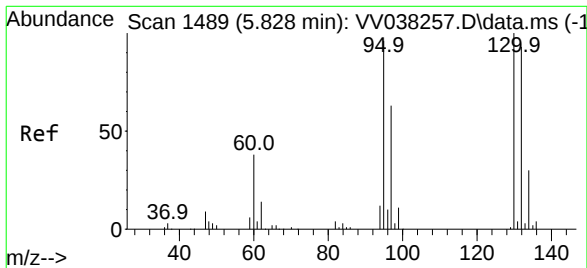
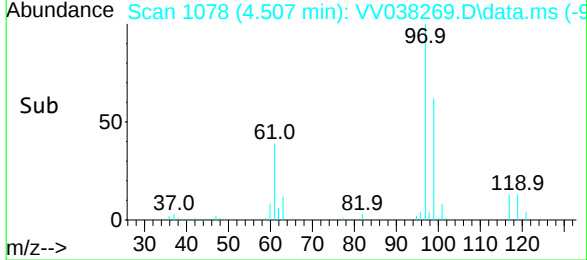
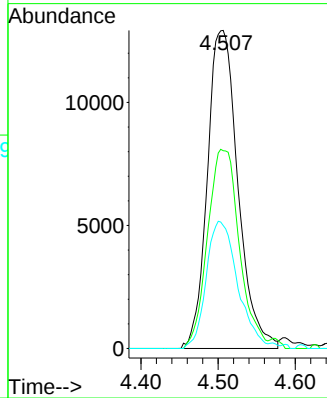
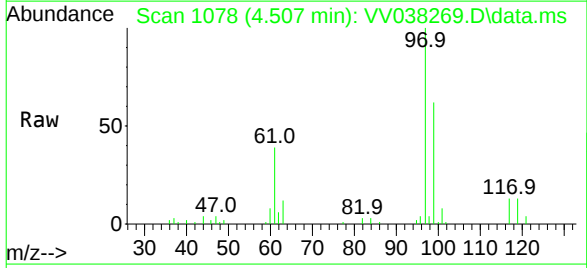
#29
1,1,1-Trichloroethane
Concen: 1.124 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

Instrument :
MSVOA_V
ClientSampleId :
BG3N4

Tgt Ion: 97	Resp: 35649
Ion Ratio	Lower Upper
97 100	
99 64.9	51.8 77.8
61 40.9	32.2 48.2

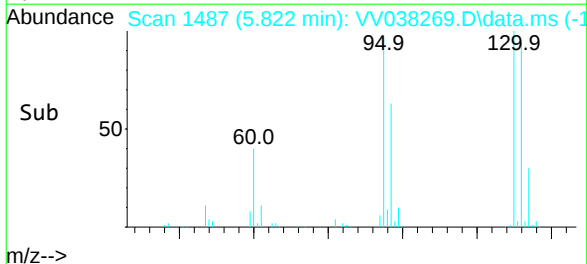
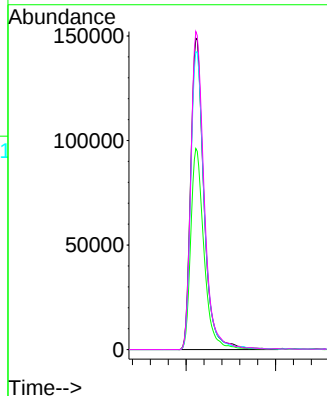
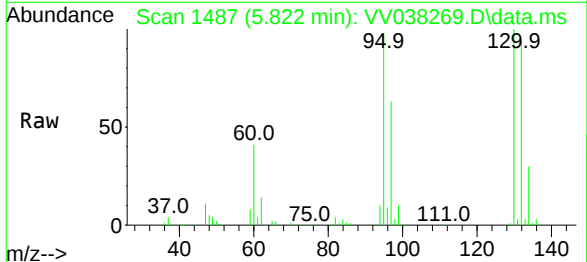
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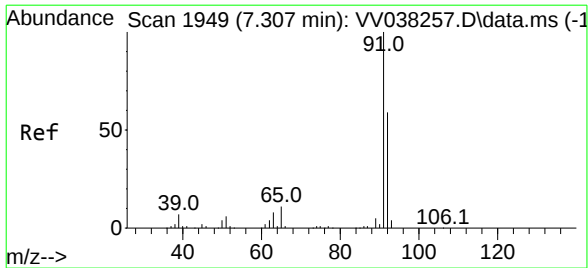
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/29/2024



#34
Trichloroethene
Concen: 15.162 ug/L
RT: 5.822 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

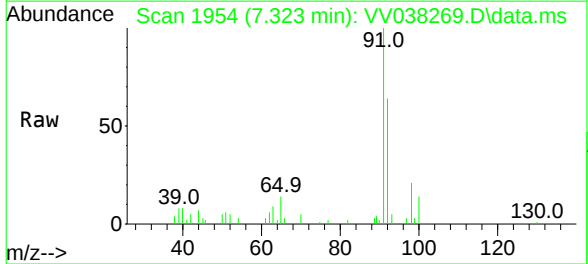
Tgt Ion: 95	Resp: 306933
Ion Ratio	Lower Upper
95 100	
97 64.6	44.8 83.2
132 95.7	68.3 126.8
130 102.1	70.2 130.4





#42
Toluene
Concen: 0.229 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43

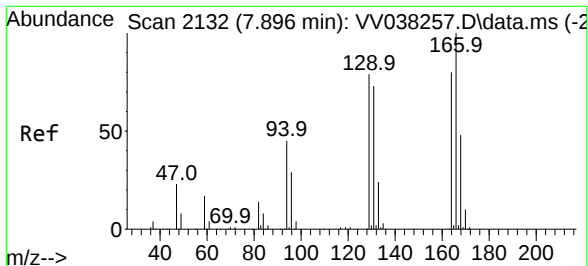
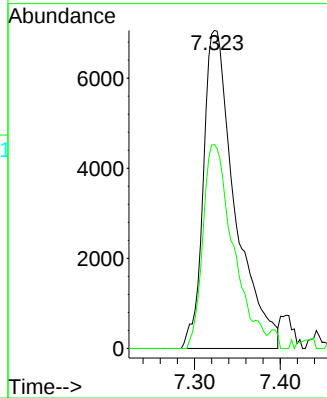
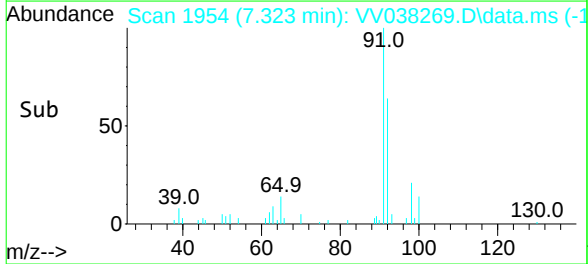
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MSVOA_V
ClientSampleId :
BG3N4



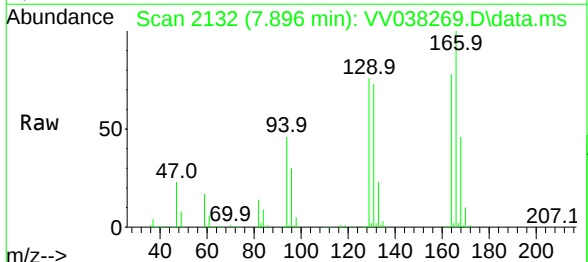
Tgt Ion: 91 Resp: 18029
Ion Ratio Lower Upper
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92 64.1 40.8 75.8

Manual Integrations
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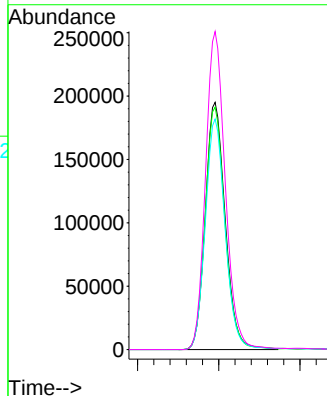
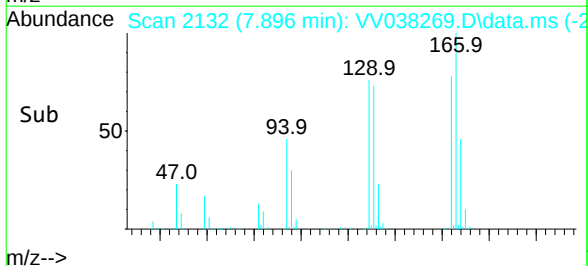
Reviewed By :Mahesh Dadoda 11/25/2024
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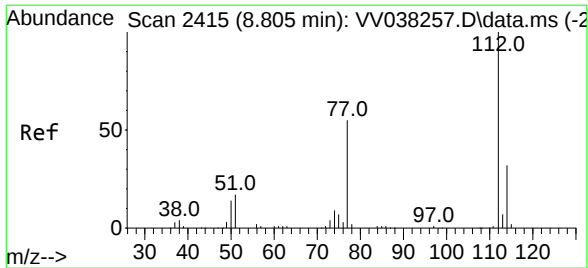


#47
Tetrachloroethene
Concen: 20.406 ug/L
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038269.D
Acq: 22 Nov 2024 14:43



Tgt Ion:164 Resp: 331952
Ion Ratio Lower Upper
164 100
129 98.1 68.5 127.1
131 93.3 64.8 120.4
166 128.6 88.3 163.9





#51
 Chlorobenzene
 Concen: 0.235 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. 0.006 min
 Lab File: VV038269.D
 Acq: 22 Nov 2024 14:43

Instrument : MSVOA_V
 ClientSampleId : BG3N4

Tgt Ion:	112	Resp:	12743
Ion Ratio	Lower	Upper	
112	100		
114	27.0	22.0	40.8
77	57.5	45.0	67.4

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