

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038302.D
 Acq On : 23 Nov 2024 16:48
 Operator : SY/MD
 Sample : P4884-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M8

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 23:01:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	156344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	178206	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	74000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60769	5.071	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.529	69	64261	6.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.600%#
11) 1,1-Dichloroethene-d2	2.053	65	29393	5.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.000%
20) 2-Butanone-d5	3.786	46	166830	69.592	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.180%#
24) Chloroform-d	4.243	84	164236	7.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	141.200%#
26) 1,2-Dichloroethane-d4	4.937	65	79743	7.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	152.800%#
32) Benzene-d6	4.953	84	284787	6.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.600%
36) 1,2-Dichloropropane-d6	5.982	67	95698	6.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	135.000%
41) Toluene-d8	7.240	98	220420	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.558	79	31433	5.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	119.400%
46) 2-Hexanone-d5	8.018	63	135714	66.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.520%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80165	6.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.200%#
66) 1,2-Dichlorobenzene-d4	11.554	152	93088	7.383	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	147.600%#
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.105	85	6781	0.458	ug/L	96
9) Trichlorofluoromethane	1.709	101	9881	0.481	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	4543	0.388	ug/L	90
13) Acetone	2.114	43	14814m	8.355	ug/L	
16) Methylene chloride	2.442	84	22262	1.748	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	8801	0.349	ug/L #	89
29) 1,1,1-Trichloroethane	4.507	97	33039	1.546	ug/L	98
34) Trichloroethene	5.838	95	16718	1.225	ug/L	96
42) Toluene	7.323	91	20895	0.394	ug/L	97
47) Tetrachloroethene	7.899	164	53568	4.885	ug/L	98
51) Chlorobenzene	8.812	112	11198	0.307	ug/L	95
52) Ethylbenzene	8.953	91	6061	0.108	ug/L	85
53) m,p-Xylene	9.075	106	4166	0.196	ug/L	75
67) 1,2-Dichlorobenzene	11.574	146	4026	0.190	ug/L	94

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

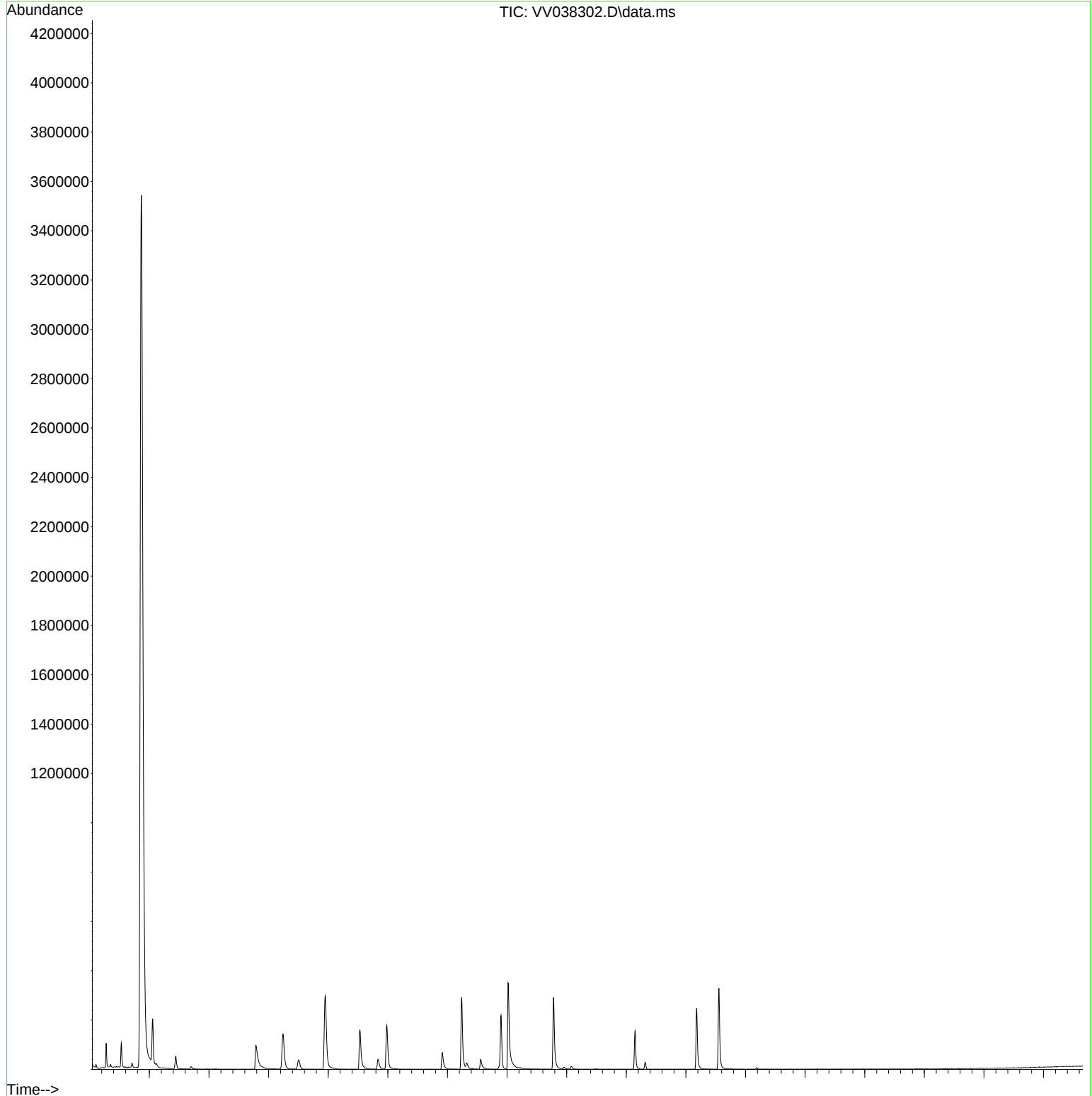
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038302.D
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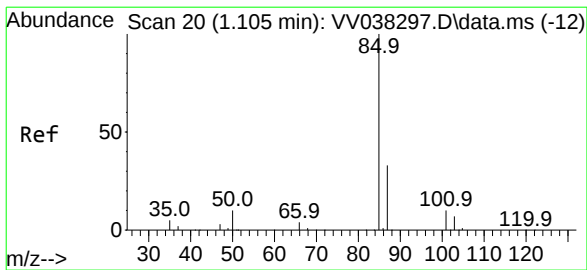
Instrument :
MSVOA_V
ClientSampleId :
BG3M8

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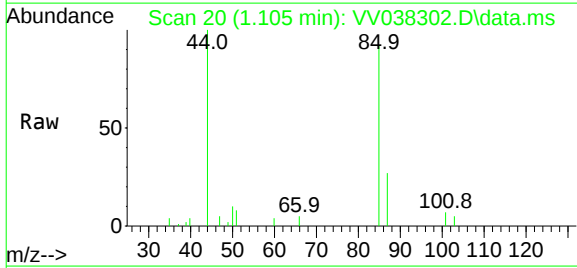
Quant Time: Nov 23 23:01:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration





#2
Dichlorodifluoromethane
Concen: 0.458 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

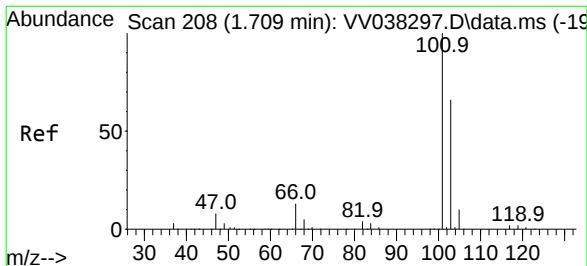
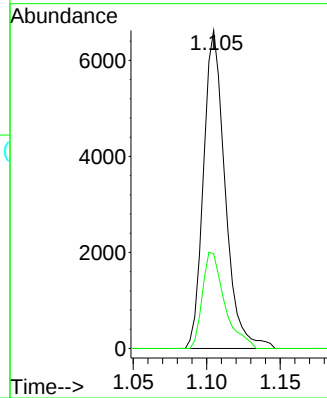
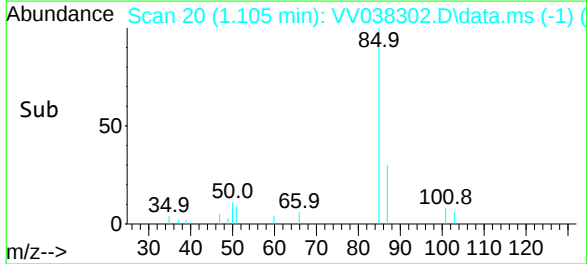
Instrument :
MSVOA_V
ClientSampleId :
BG3M8



Tgt Ion: 85 Resp: 6781
Ion Ratio Lower Upper
85 100
87 31.1 26.5 39.7

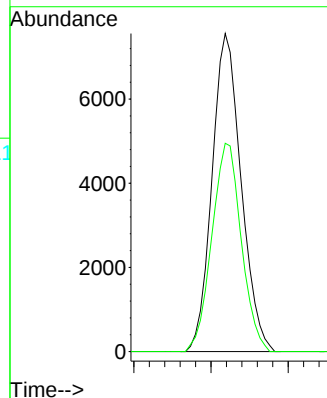
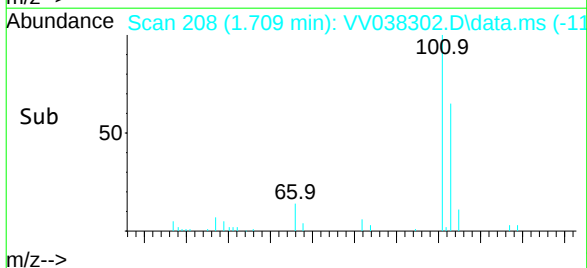
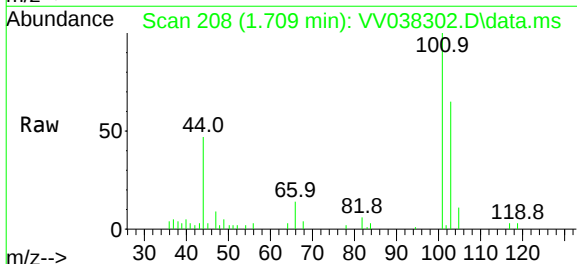
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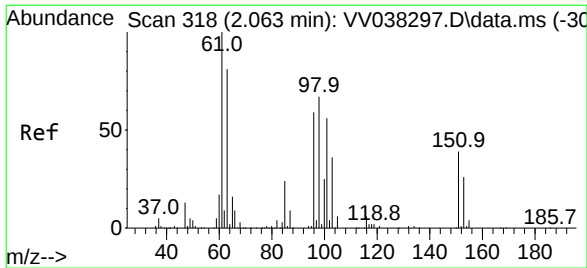
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#9
Trichlorofluoromethane
Concen: 0.481 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

Tgt Ion:101 Resp: 9881
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3





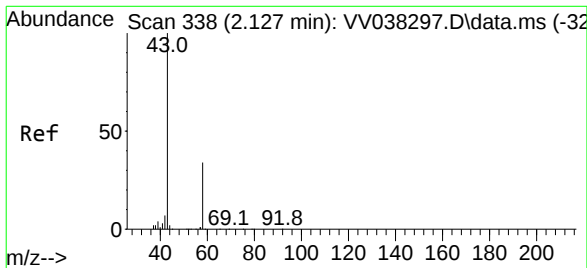
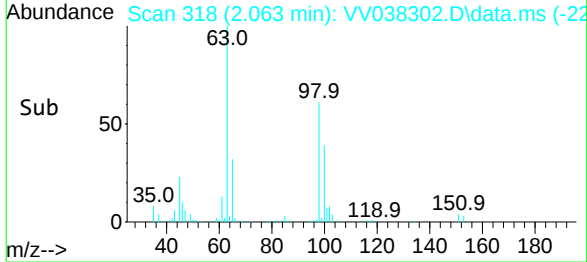
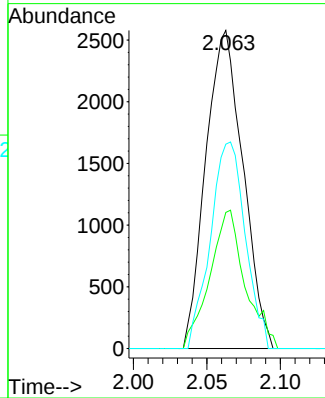
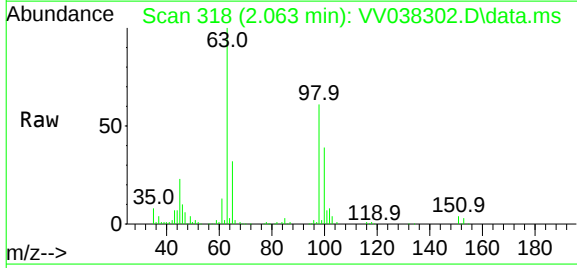
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.388 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

Instrument :
MSVOA_V
ClientSampleId :
BG3M8

Tgt Ion	Ratio	Lower	Upper
101	100		
85	41.3	33.4	50.0
151	60.8	58.8	88.2

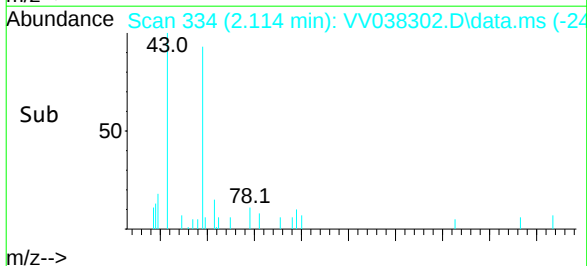
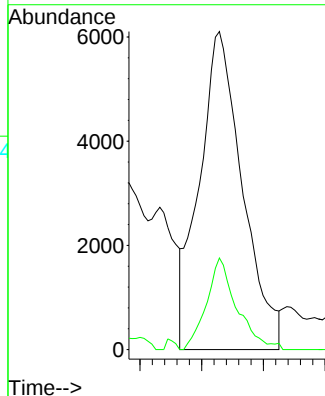
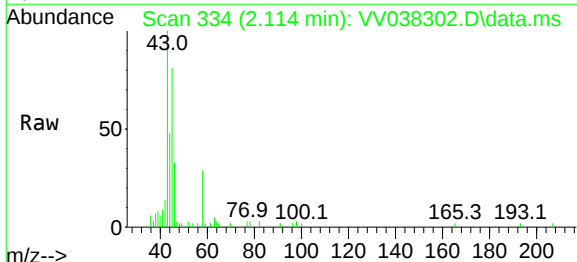
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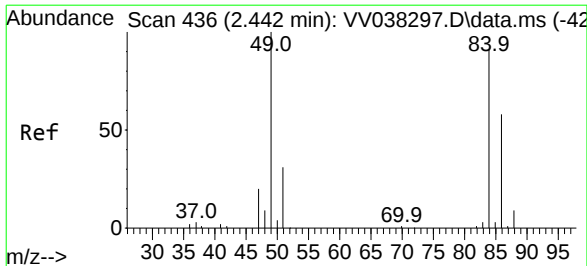
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#13
Acetone
Concen: 8.355 ug/L m
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

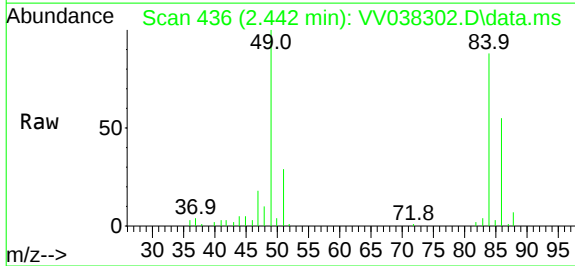
Tgt Ion	Ratio	Lower	Upper
43	100		
58	1.1	0.0	67.2





#16
Methylene chloride
Concen: 1.748 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

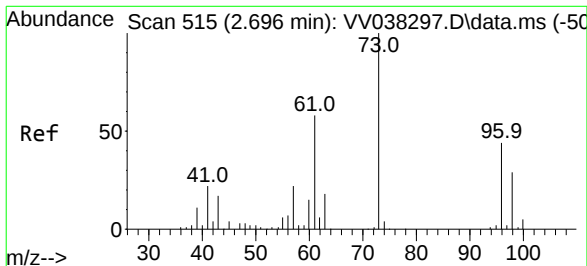
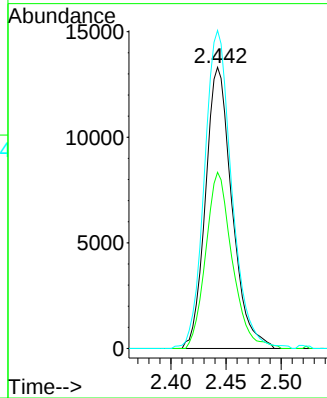
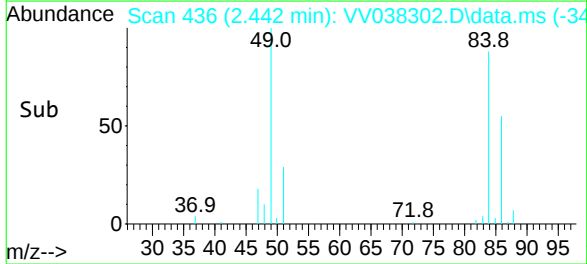
Instrument :
MSVOA_V
ClientSampleId :
BG3M8



Tgt Ion	Ratio	Lower	Upper
84	100		
86	62.7	44.2	82.2
49	113.1	74.9	139.1

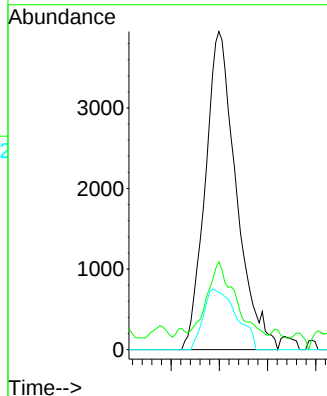
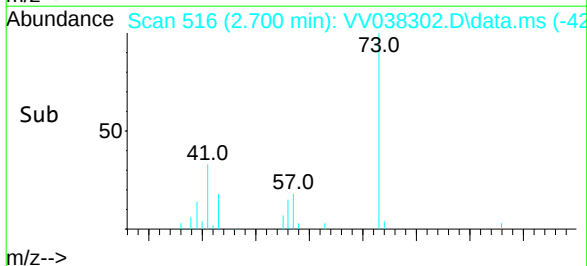
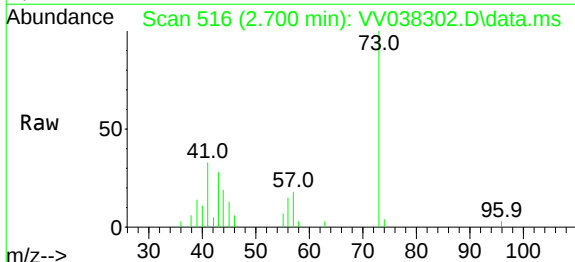
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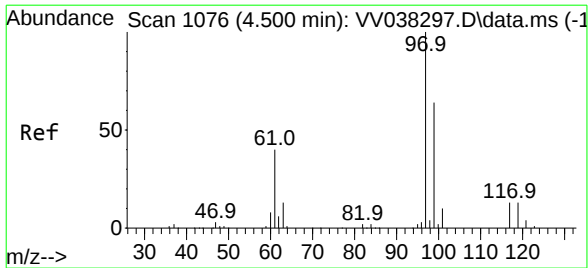
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#17
Methyl tert-butyl Ether
Concen: 0.349 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

Tgt Ion	Ratio	Lower	Upper
73	100		
43	26.2	14.2	21.2
57	20.2	17.6	26.4





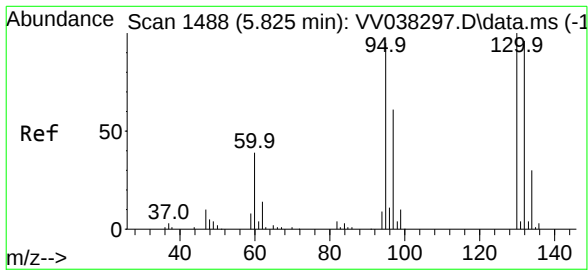
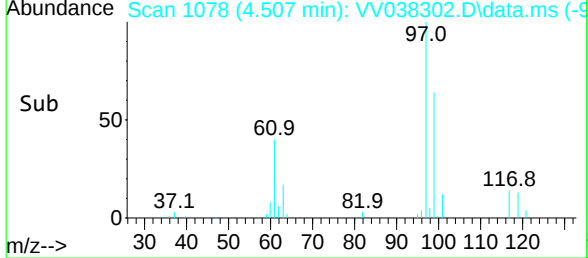
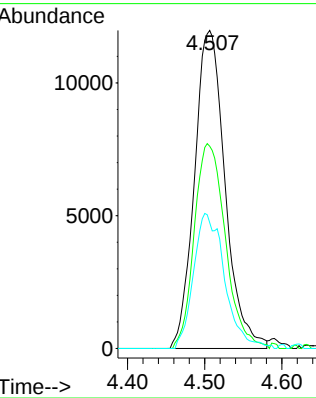
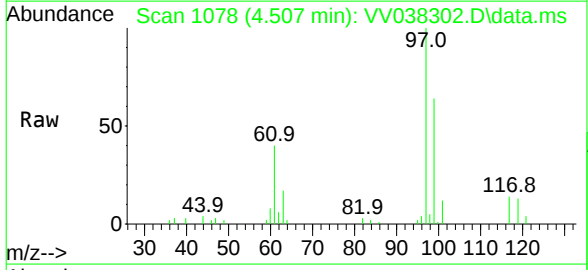
#29
1,1,1-Trichloroethane
Concen: 1.546 ug/L
RT: 4.507 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

Instrument :
MSVOA_V
ClientSampleId :
BG3M8

Tgt Ion: 97	Resp: 33039
Ion Ratio	Lower Upper
97 100	
99 65.5	51.8 77.8
61 43.2	32.2 48.2

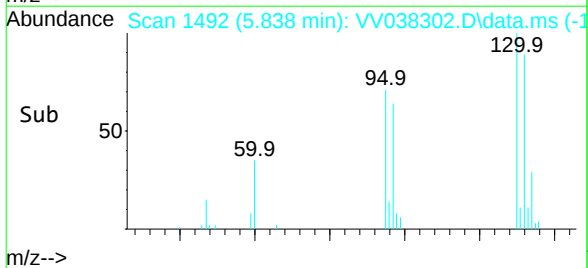
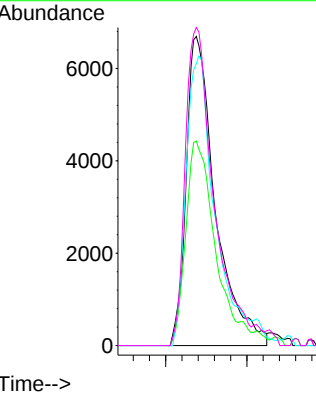
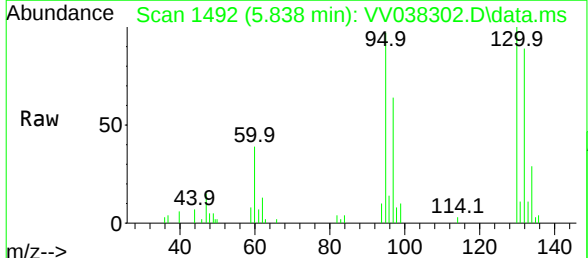
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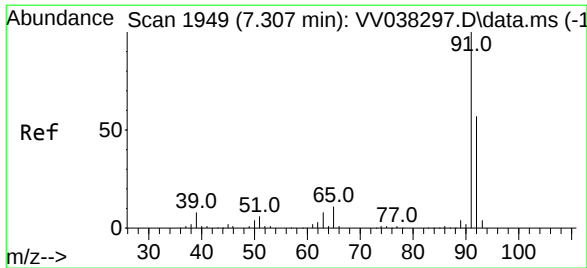
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024



#34
Trichloroethene
Concen: 1.225 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

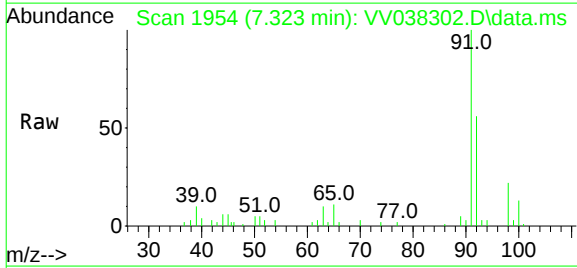
Tgt Ion: 95	Resp: 16718
Ion Ratio	Lower Upper
95 100	
97 66.2	44.8 83.2
132 91.2	68.3 126.8
130 102.9	70.2 130.4





#42
Toluene
Concen: 0.394 ug/L
RT: 7.323 min Scan# 1949
Delta R.T. 0.016 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

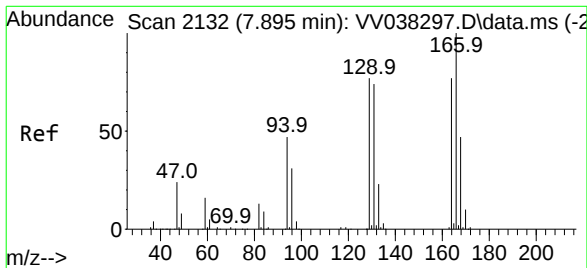
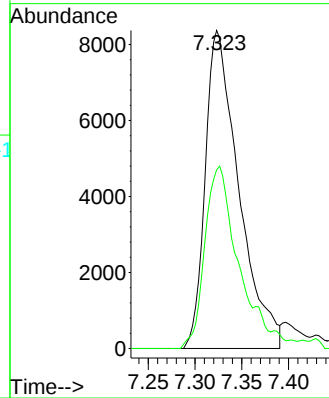
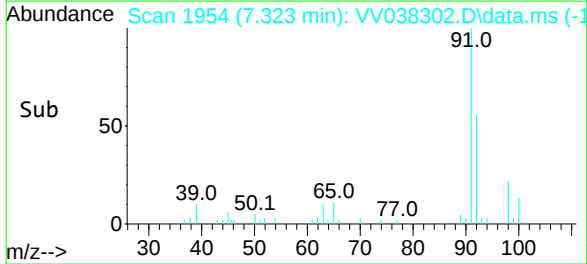
Instrument :
MSVOA_V
ClientSampleId :
BG3M8



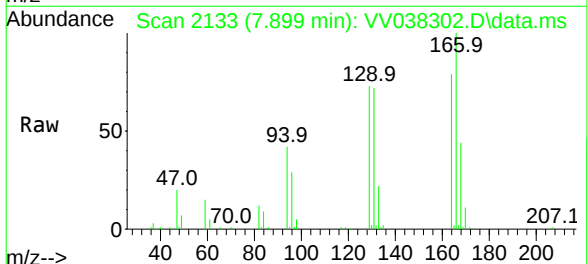
Tgt Ion: 91 Resp: 20895
Ion Ratio Lower Upper
91 100
92 56.1 40.8 75.8

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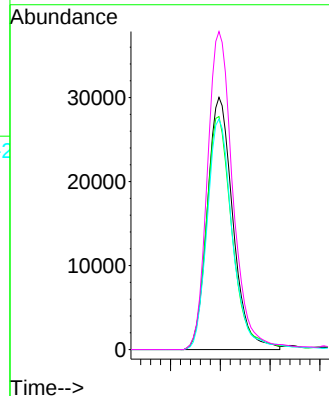
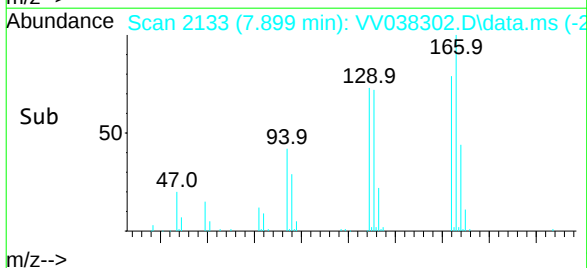
Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

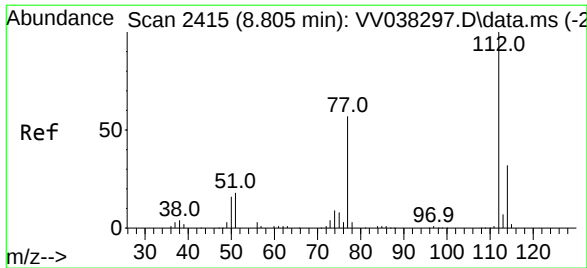


#47
Tetrachloroethene
Concen: 4.885 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48



Tgt Ion:164 Resp: 53568
Ion Ratio Lower Upper
164 100
129 92.4 68.5 127.1
131 91.4 64.8 120.4
166 126.1 88.3 163.9





#51

Chlorobenzene

Concen: 0.307 ug/L

RT: 8.812 min Scan# 2415

Delta R.T. 0.007 min

Lab File: VV038302.D

Acq: 23 Nov 2024 16:48

Instrument :

MSVOA_V

ClientSampleId :

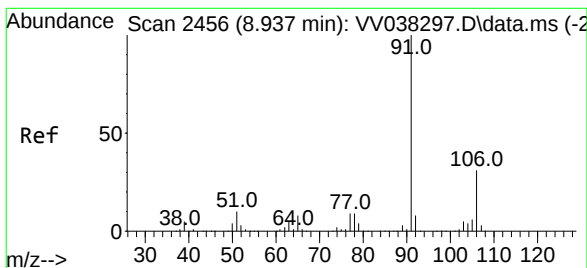
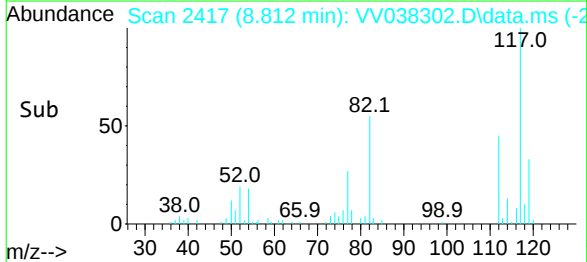
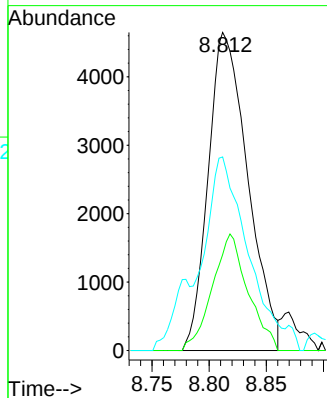
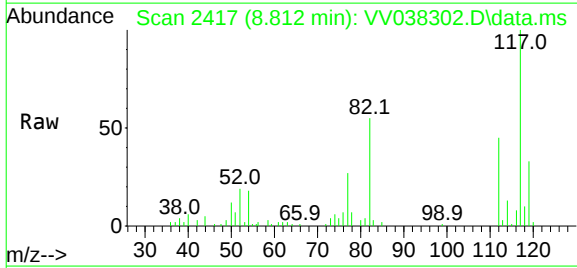
BG3M8

Tgt Ion:	112	Resp:	11198
Ion Ratio	Lower	Upper	
112	100		
114	30.2	22.0	40.8
77	60.9	45.0	67.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 11/25/2024



#52

Ethylbenzene

Concen: 0.108 ug/L

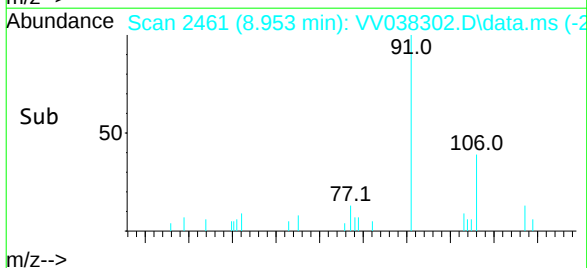
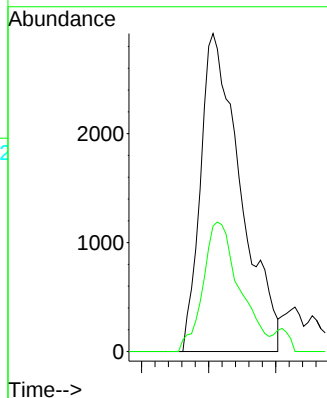
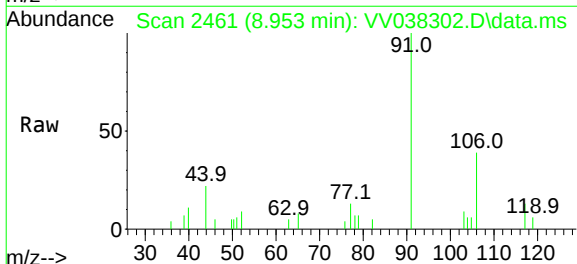
RT: 8.953 min Scan# 2461

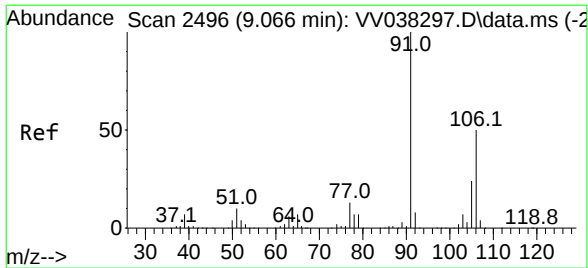
Delta R.T. 0.016 min

Lab File: VV038302.D

Acq: 23 Nov 2024 16:48

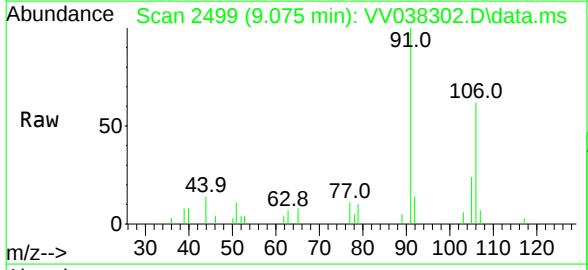
Tgt Ion:	91	Resp:	6061
Ion Ratio	Lower	Upper	
91	100		
106	39.5	21.8	40.4





#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.075 min Scan# 2496
Delta R.T. 0.010 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48

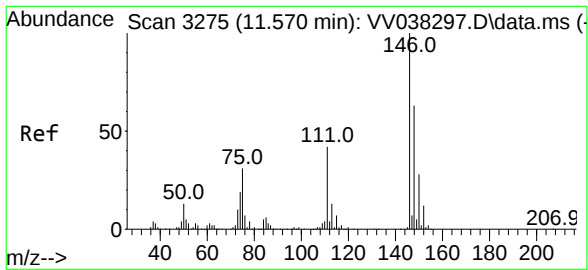
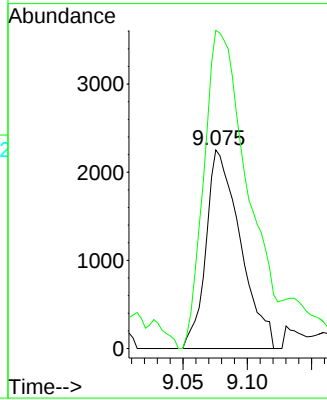
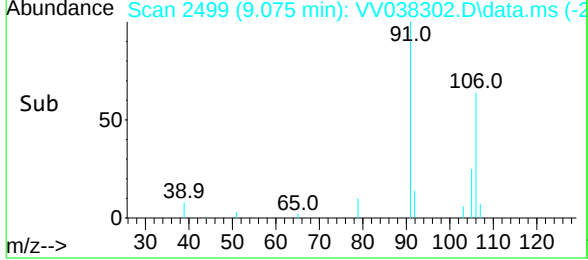
Instrument :
MSVOA_V
ClientSampleId :
BG3M8



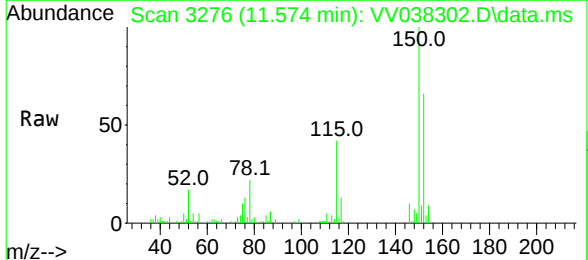
Tgt Ion:106 Resp: 4166
Ion Ratio Lower Upper
106 100
91 160.2 138.7 257.5

Manual Integrations
APPROVED

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



#67
1,2-Dichlorobenzene
Concen: 0.190 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.003 min
Lab File: VV038302.D
Acq: 23 Nov 2024 16:48



Tgt Ion:146 Resp: 4026
Ion Ratio Lower Upper
146 100
111 50.6 34.2 51.2
148 65.4 51.0 76.4

