

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038179.D
 Acq On : 19 Nov 2024 16:07
 Operator : SY/MD
 Sample : P4882-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

Quant Time: Nov 20 00:35:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	230465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	250313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	110204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	86451	4.894	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.800%			
7) Chloroethane-d5	1.529	69	79835	5.587	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.800%			
11) 1,1-Dichloroethene-d2	2.053	65	38723	5.094	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.800%			
20) 2-Butanone-d5	3.780	46	213479	60.411	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.820%			
24) Chloroform-d	4.243	84	188375	5.495	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.800%			
26) 1,2-Dichloroethane-d4	4.934	65	93374	6.070	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.400%			
32) Benzene-d6	4.950	84	347660	5.374	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.400%			
36) 1,2-Dichloropropane-d6	5.982	67	112651	5.659	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.200%			
41) Toluene-d8	7.236	98	277476	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
43) trans-1,3-Dichloroprop...	7.555	79	36280	4.902	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.018	63	190184	66.104	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.200%#			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	97336	5.760	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.200%			
66) 1,2-Dichlorobenzene-d4	11.554	152	118964	6.336	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 126.800%#			
Target Compounds					Qvalue	
3) Chloromethane	1.214	50	6702	0.357	ug/L	96
9) Trichlorofluoromethane	1.709	101	1495801	49.403	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	24100	1.395	ug/L	97
12) 1,1-Dichloroethene	2.063	96	7836	0.476	ug/L #	1
16) Methylene chloride	2.439	84	23853	1.271	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	11974	0.322	ug/L	98
19) 1,1-Dichloroethane	3.108	63	66014	2.097	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	18313	1.021	ug/L	99
25) Chloroform	4.275	83	17522m	0.520	ug/L	
29) 1,1,1-Trichloroethane	4.506	97	26438	0.881	ug/L	98
34) Trichloroethene	5.825	95	258586	13.491	ug/L	96
42) Toluene	7.326	91	14783	0.199	ug/L	91
47) Tetrachloroethene	7.899	164	39454	2.562	ug/L	95
51) Chlorobenzene	8.815	112	12419	0.242	ug/L	94

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

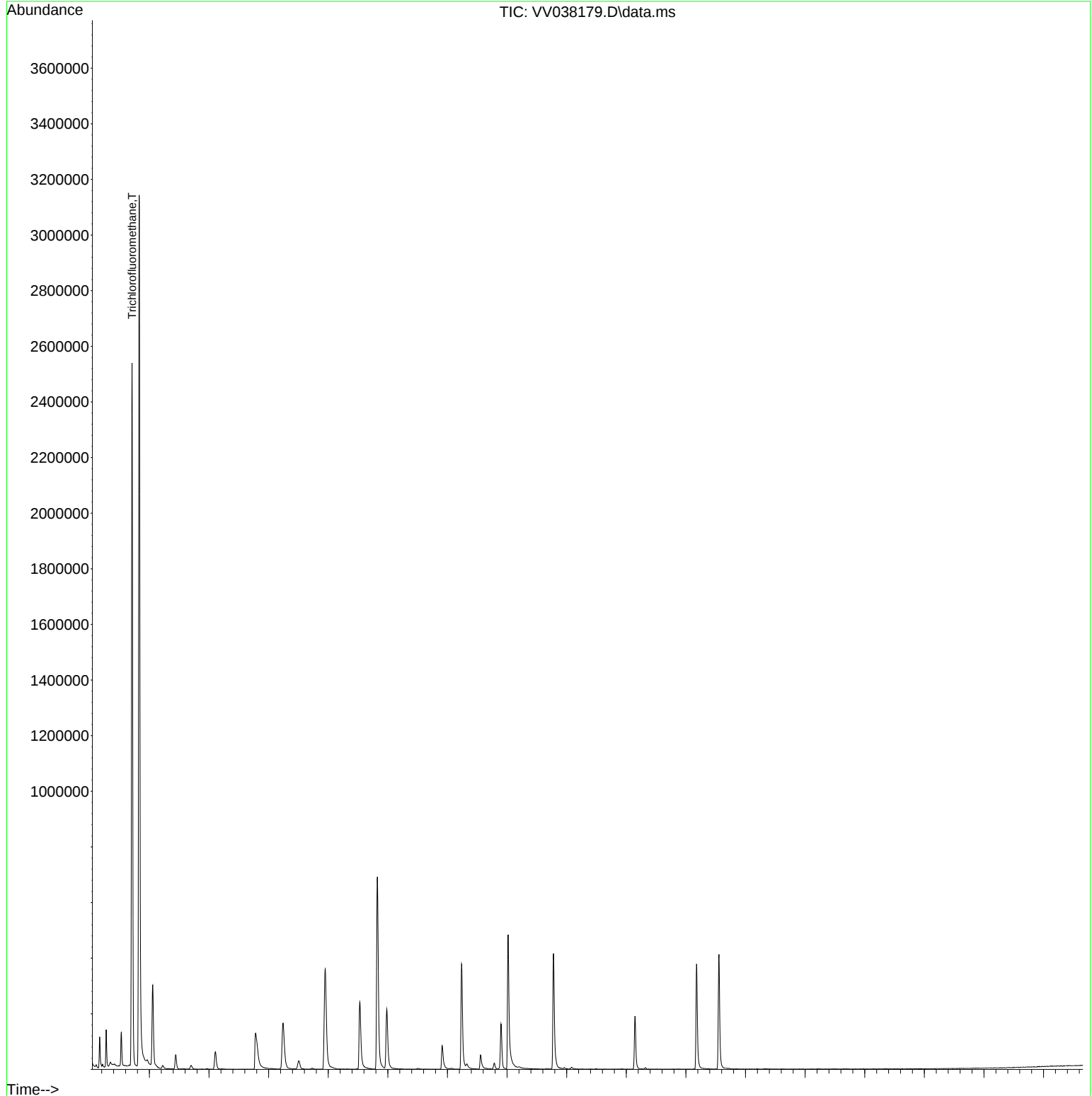
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
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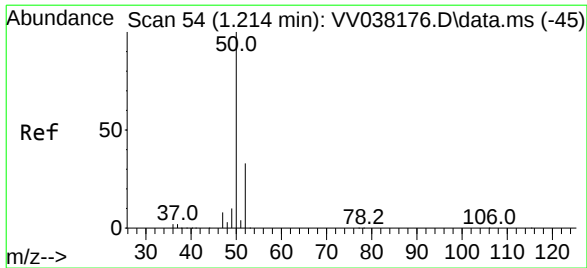
Instrument :
MSVOA_V
ClientSampleId :
BG3G9

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Quant Time: Nov 20 00:35:23 2024
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Quant Title : TRACE VOA SFAM1.0
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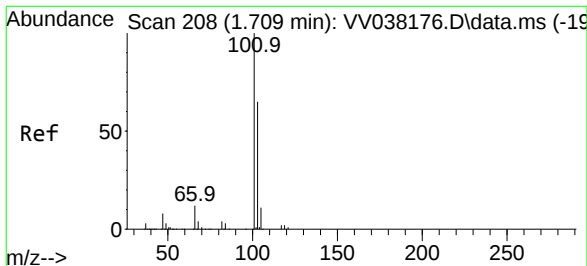
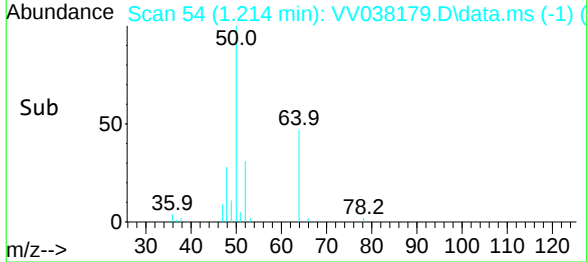
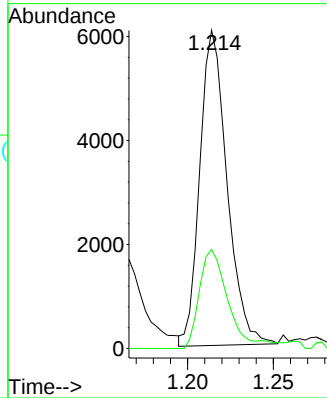
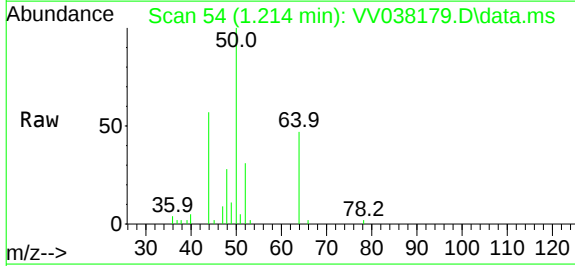
#3
Chloromethane
Concen: 0.357 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07

Instrument :
MSVOA_V
ClientSampleId :
BG3G9

Tgt Ion: 50 Resp: 6702
Ion Ratio Lower Upper
50 100
52 31.1 23.5 43.7

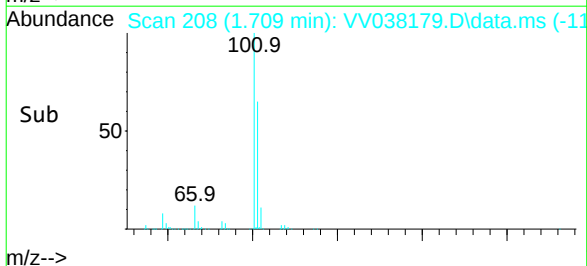
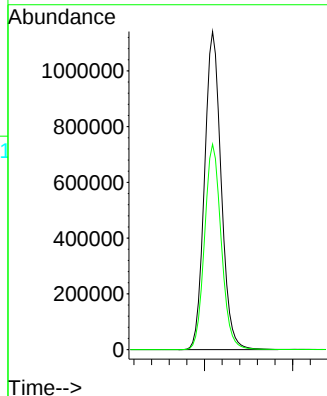
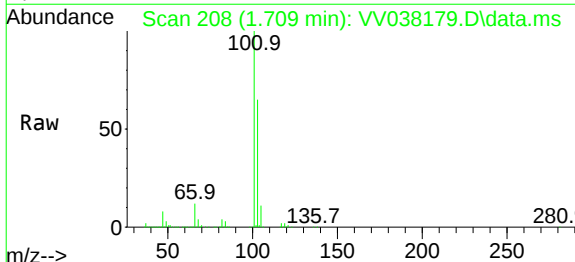
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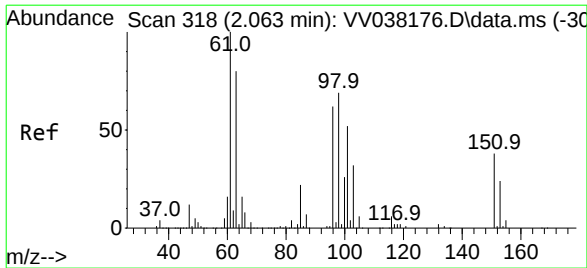
Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024



#9
Trichlorofluoromethane
Concen: 49.403 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07

Tgt Ion:101 Resp: 1495801
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3





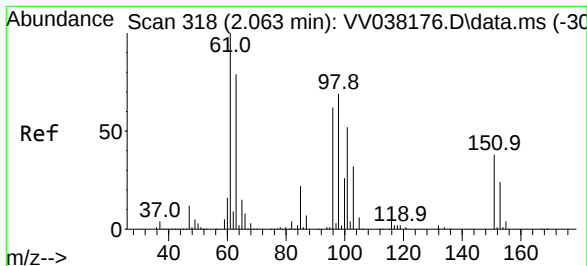
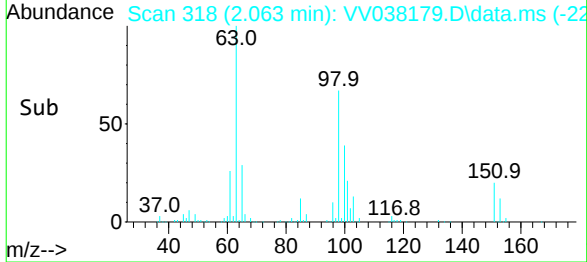
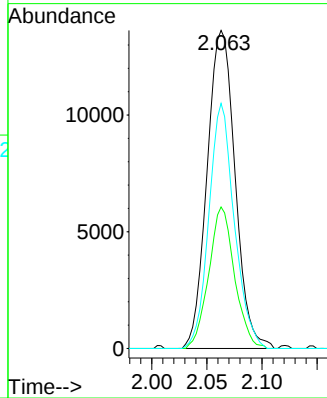
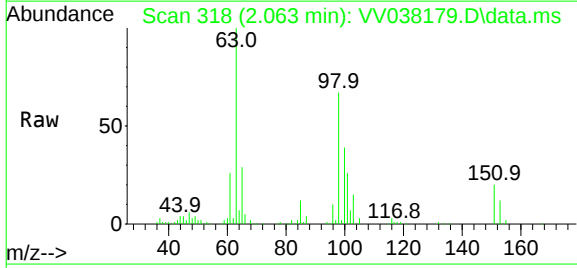
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.395 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07

Instrument :
MSVOA_V
ClientSampleId :
BG3G9

Tgt Ion: 101 Resp: 24100
Ion Ratio Lower Upper
101 100
85 40.9 33.4 50.0
151 70.1 58.8 88.2

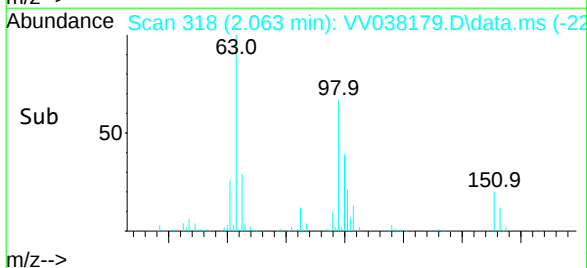
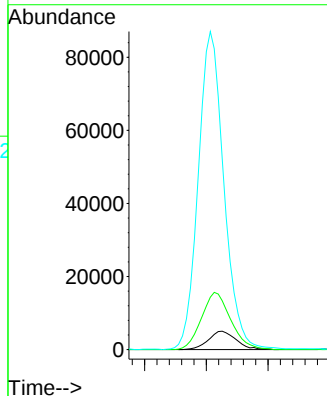
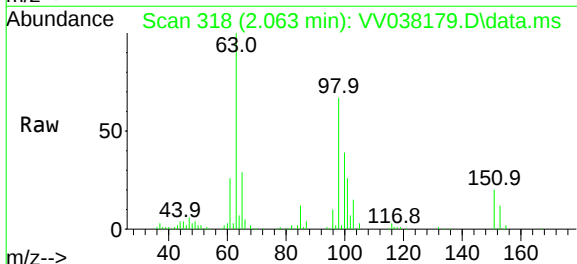
Manual Integrations
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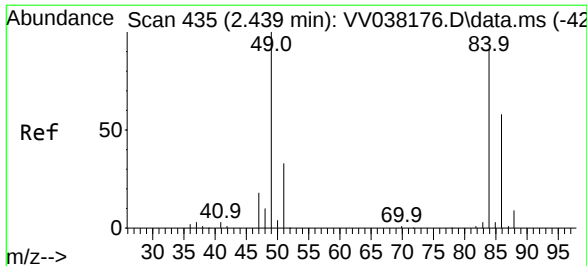
Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024



#12
1,1-Dichloroethene
Concen: 0.476 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07

Tgt Ion: 96 Resp: 7836
Ion Ratio Lower Upper
96 100
61 264.9 115.7 214.9#
63 1035.9 101.1 187.7#





#16

Methylene chloride

Concen: 1.271 ug/L

RT: 2.439 min Scan# 43

Delta R.T. 0.000 min

Lab File: VV038179.D

Acq: 19 Nov 2024 16:07

Instrument :

MSVOA_V

ClientSampleId :

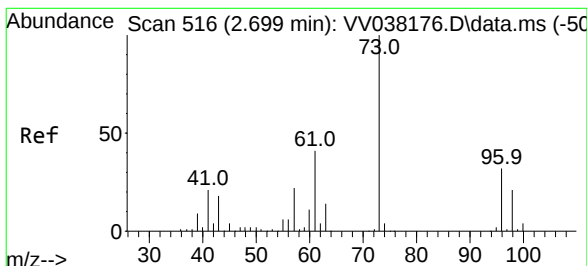
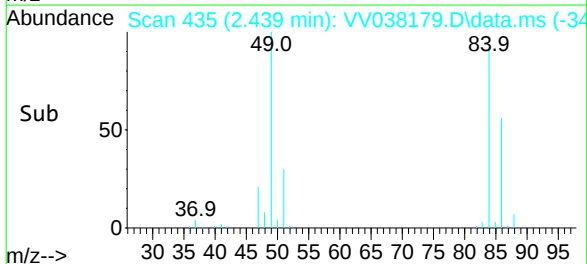
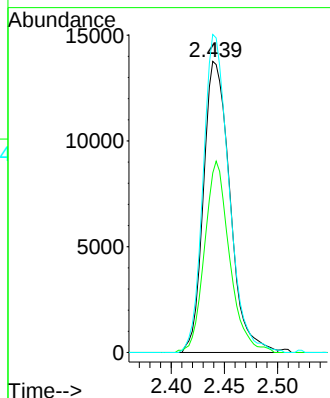
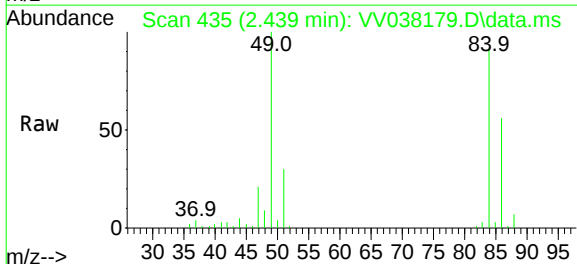
BG3G9

Tgt	Ion:	84	Resp:	23853
Ion	Ratio	Lower	Upper	
84	100			
86	61.7	44.2	82.2	
49	109.3	74.9	139.1	

Manual Integrations

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#17

Methyl tert-butyl Ether

Concen: 0.322 ug/L

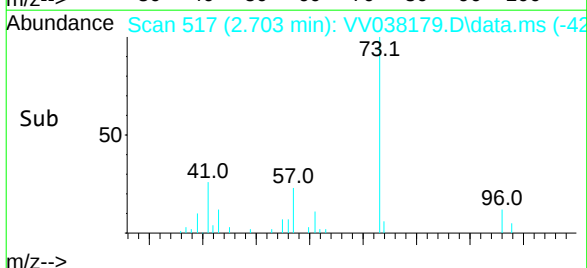
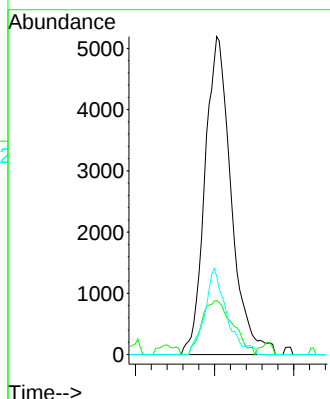
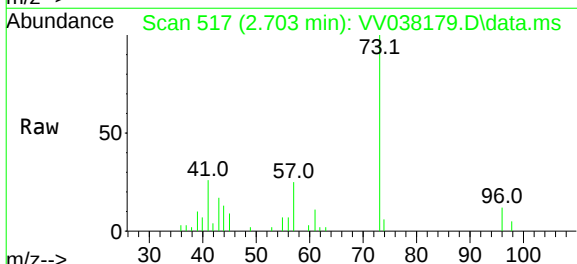
RT: 2.703 min Scan# 517

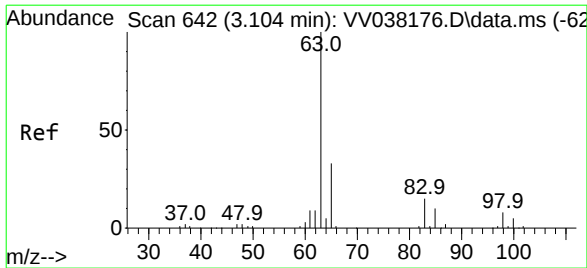
Delta R.T. 0.003 min

Lab File: VV038179.D

Acq: 19 Nov 2024 16:07

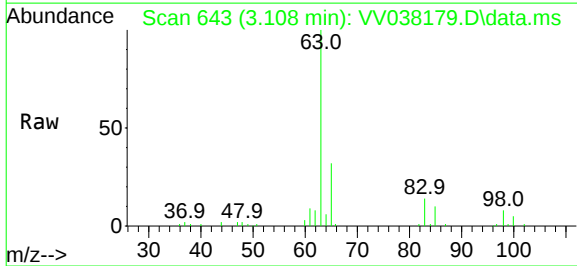
Tgt	Ion:	73	Resp:	11974
Ion	Ratio	Lower	Upper	
73	100			
43	19.8	14.2	21.2	
57	21.7	17.6	26.4	





#19
1,1-Dichloroethane
Concen: 2.097 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07

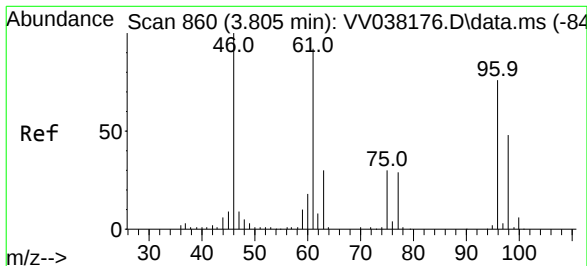
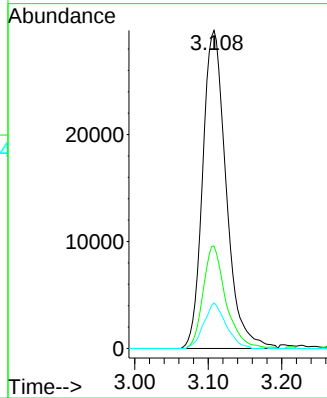
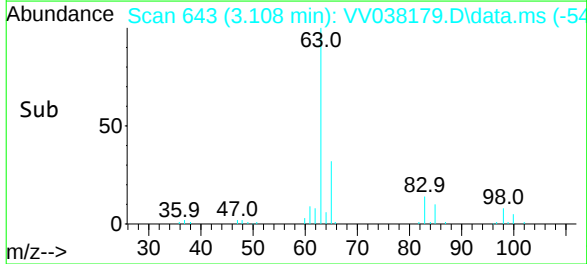
Instrument :
MSVOA_V
ClientSampleId :
BG3G9



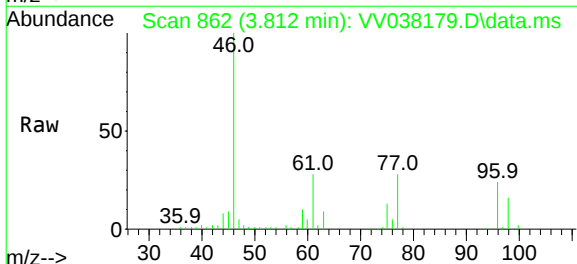
Tgt Ion: 63 Resp: 66014
Ion Ratio Lower Upper
63 100
65 33.1 22.5 41.7
83 14.3 10.1 18.9

Manual Integrations
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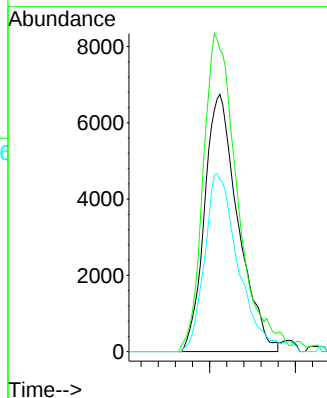
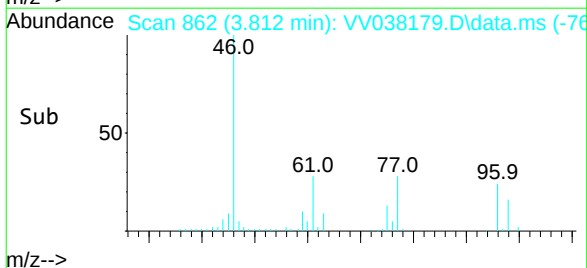
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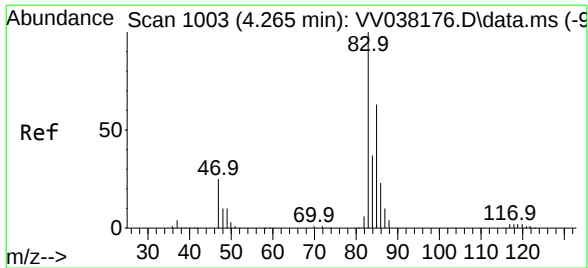


#22
cis-1,2-Dichloroethene
Concen: 1.021 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07



Tgt Ion: 96 Resp: 18313
Ion Ratio Lower Upper
96 100
61 117.4 82.7 153.5
98 67.0 46.3 85.9





#25

Chloroform

Concen: 0.520 ug/L m

RT: 4.275 min Scan# 10

Delta R.T. 0.010 min

Lab File: VV038179.D

Acq: 19 Nov 2024 16:07

Instrument :

MSVOA_V

ClientSampleId :

BG3G9

Tgt Ion: 83 Resp: 17522

Ion Ratio Lower Upper

83 100

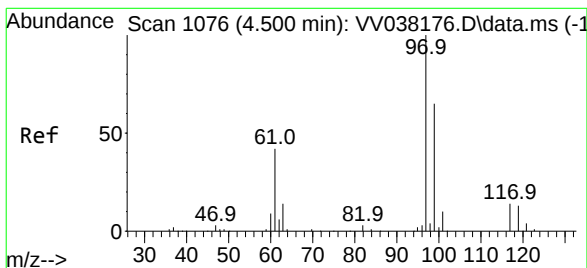
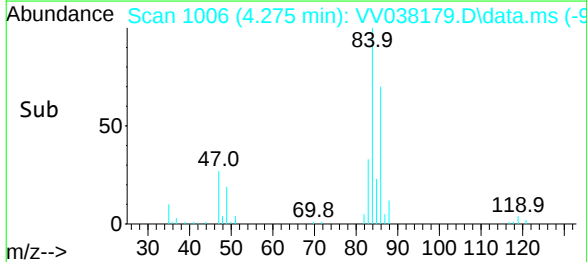
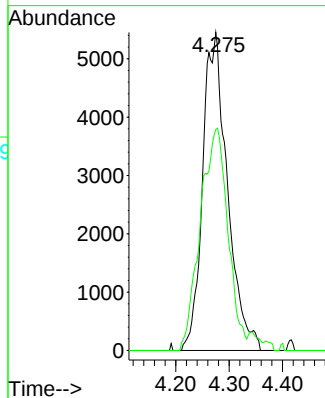
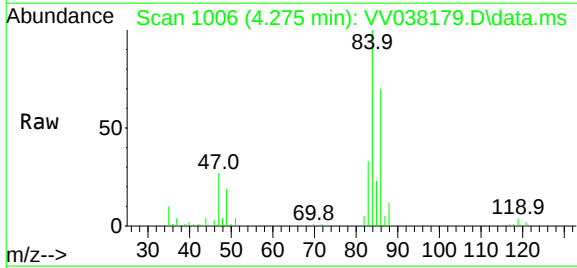
85 69.4 46.5 86.3

Manual Integrations

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#29

1,1,1-Trichloroethane

Concen: 0.881 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.007 min

Lab File: VV038179.D

Acq: 19 Nov 2024 16:07

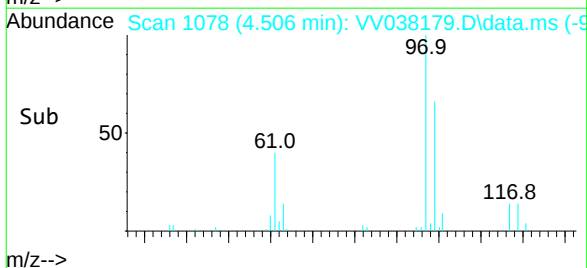
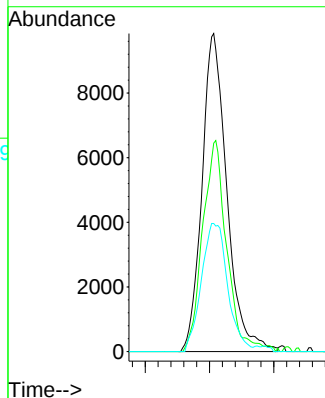
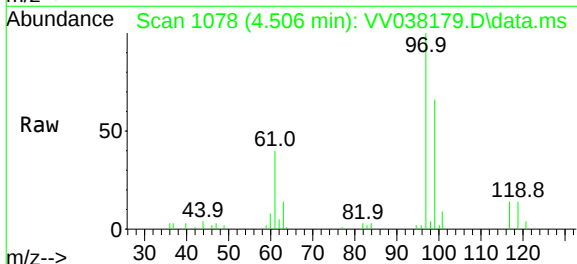
Tgt Ion: 97 Resp: 26438

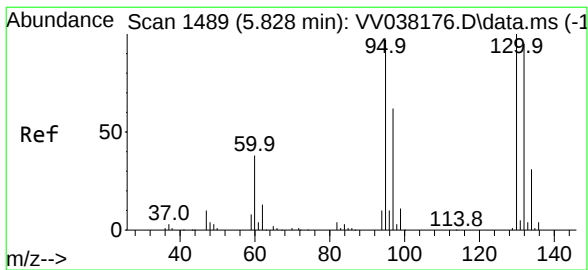
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

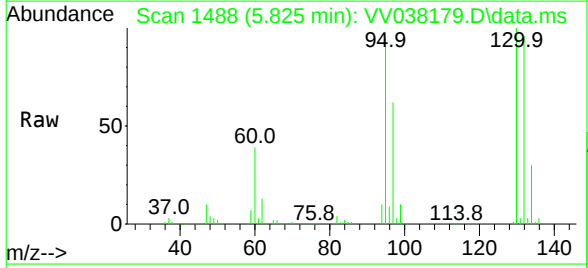
61 42.5 32.2 48.2





#34
 Trichloroethene
 Concen: 13.491 ug/L
 RT: 5.825 min Scan# 1488
 Delta R.T. -0.003 min
 Lab File: VV038179.D
 Acq: 19 Nov 2024 16:07

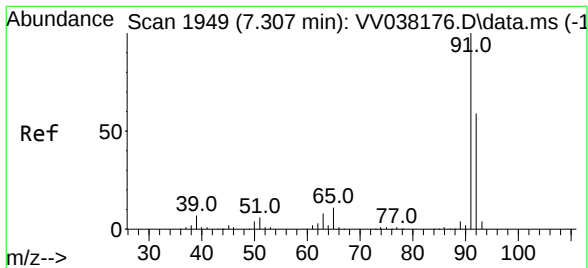
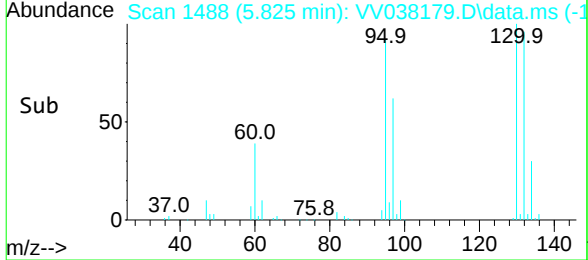
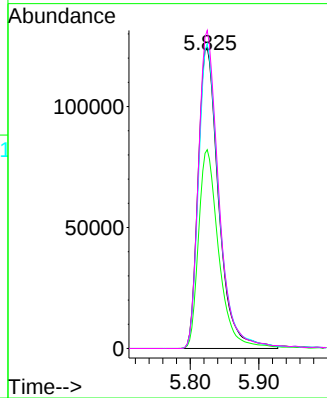
Instrument : MSVOA_V
 ClientSampleId : BG3G9



Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.8	83.2
132	101.3	68.3	126.8
130	105.6	70.2	130.4

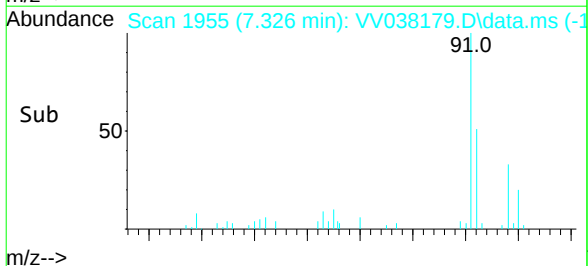
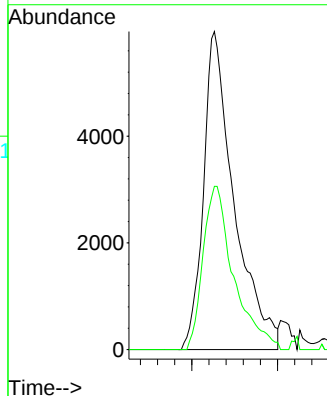
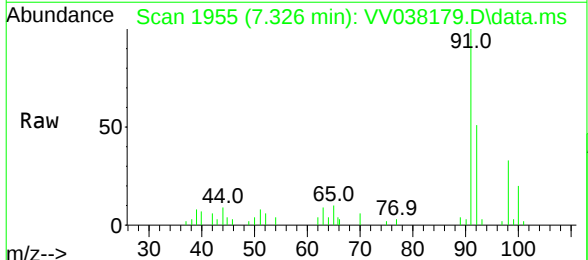
Manual Integrations
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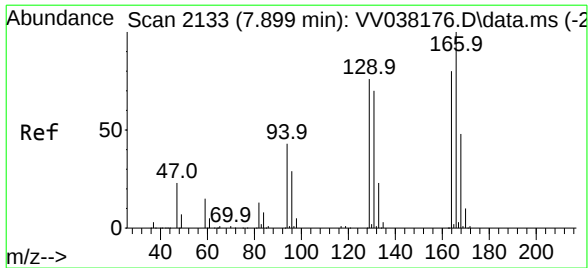
Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024



#42
 Toluene
 Concen: 0.199 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.019 min
 Lab File: VV038179.D
 Acq: 19 Nov 2024 16:07

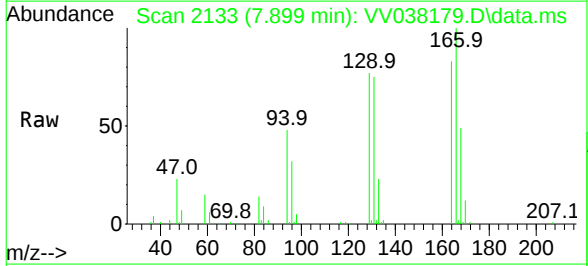
Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	40.8	75.8





#47
Tetrachloroethene
Concen: 2.562 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07

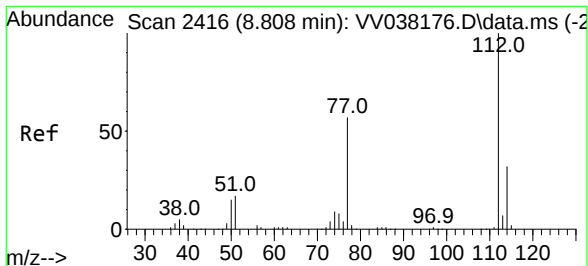
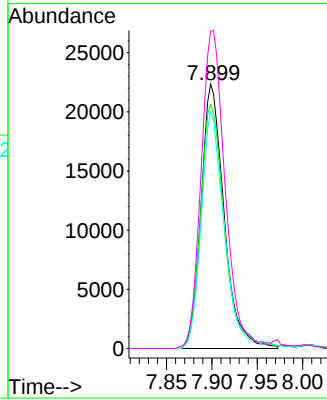
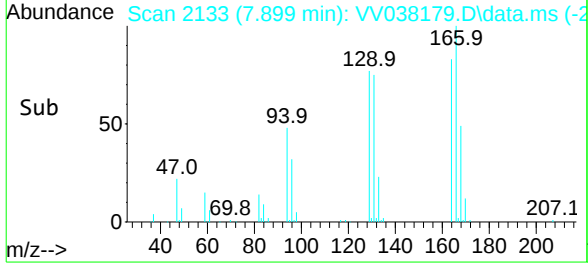
Instrument :
MSVOA_V
ClientSampleId :
BG3G9



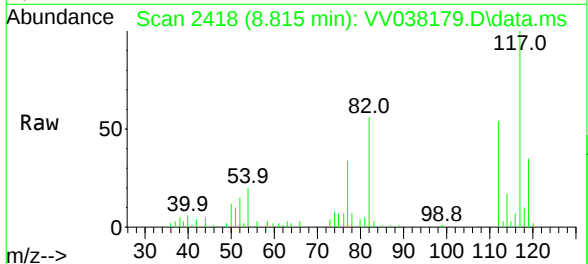
Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.2	68.5	127.1
131	89.5	64.8	120.4
166	120.0	88.3	163.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
Supervised By :Semsettin Yesilyurt 11/21/2024



#51
Chlorobenzene
Concen: 0.242 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV038179.D
Acq: 19 Nov 2024 16:07



Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	63.2	45.0	67.4

