

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038187.D
 Acq On : 19 Nov 2024 19:21
 Operator : SY/MD
 Sample : P4882-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J1

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 20 00:38:59 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	239077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	254826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	108926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81884	4.469	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.526	69	75290	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.053	65	36233	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.780	46	204710	55.843	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.680%
24) Chloroform-d	4.243	84	182944	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.937	65	87721	5.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.953	84	323964	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.982	67	109957	5.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.240	98	261803	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.555	79	33101	4.393	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.018	63	174598	59.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92337	5.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	108674	5.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
9) Trichlorofluoromethane	1.709	101	1666017	53.042	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	26052	1.453	ug/L	99
12) 1,1-Dichloroethene	2.063	96	16990	0.995	ug/L #	1
16) Methylene chloride	2.442	84	29920	1.537	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	61924	1.604	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	3201	0.178	ug/L	77
19) 1,1-Dichloroethane	3.105	63	91486	2.802	ug/L	99
22) cis-1,2-Dichloroethene	3.806	96	140060	7.530	ug/L	98
25) Chloroform	4.272	83	25980	0.744	ug/L	98
27) 1,2-Dichloroethane	5.063	62	5147m	0.271	ug/L	
29) 1,1,1-Trichloroethane	4.507	97	39981	1.308	ug/L	98
31) Carbon tetrachloride	4.728	117	4597	0.171	ug/L	91
34) Trichloroethene	5.822	95	1648471	84.483	ug/L	99
42) Toluene	7.326	91	19490	0.257	ug/L	97
47) Tetrachloroethene	7.899	164	126761	8.085	ug/L	98
51) Chlorobenzene	8.815	112	16258	0.311	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	4674	0.150	ug/L #	81

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

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

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Supervised By :Semsettin
Yesilyurt

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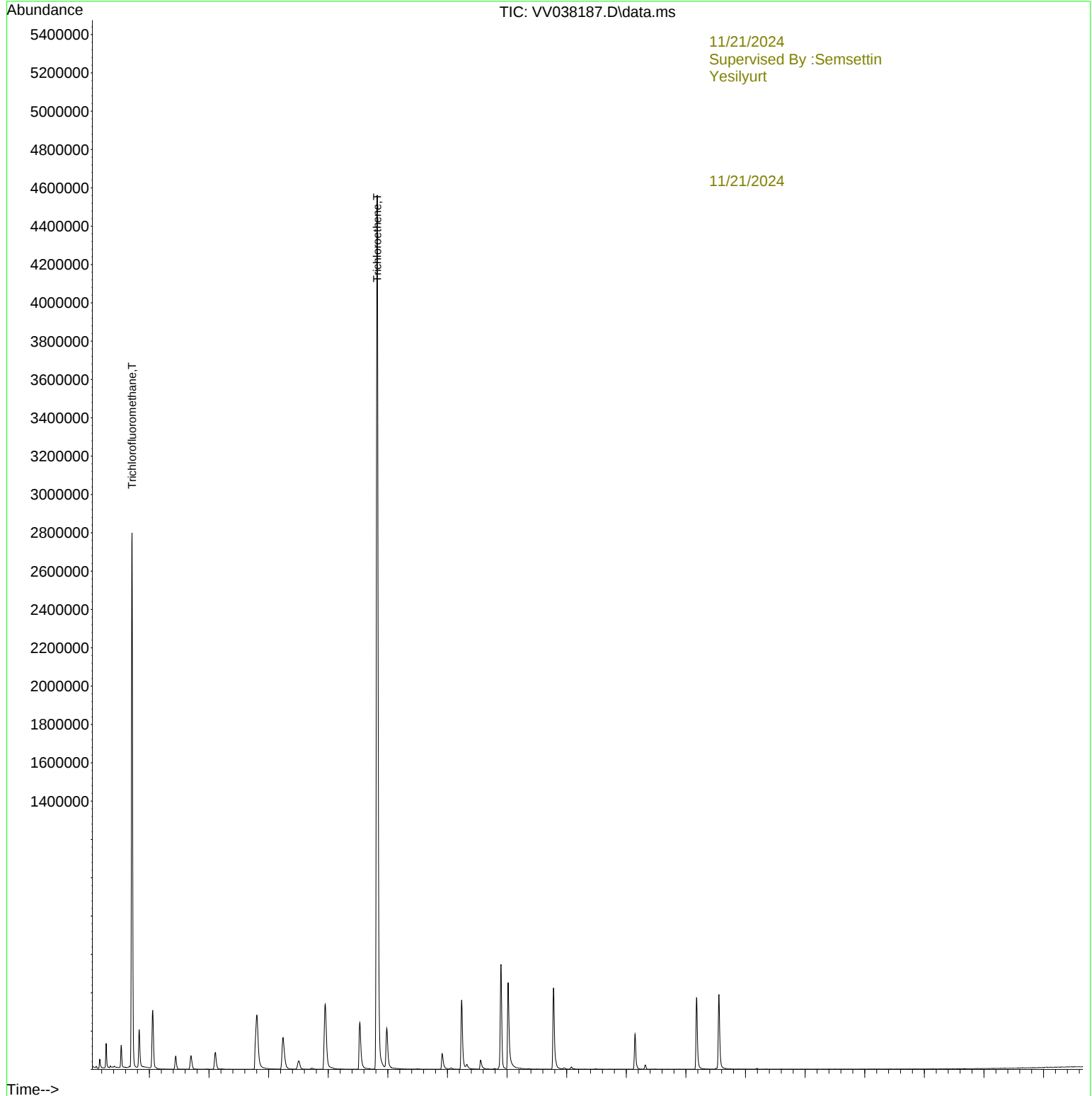
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
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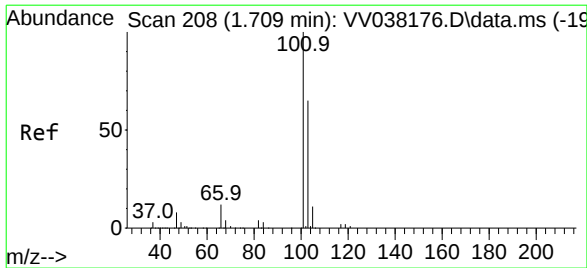
Instrument :
MSVOA_V
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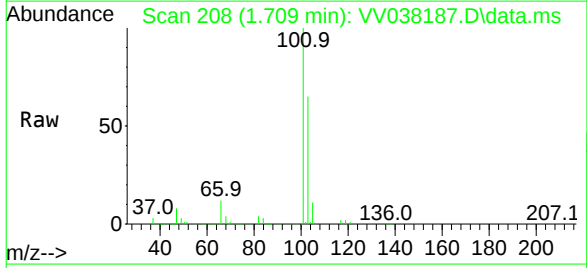
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#9
Trichlorofluoromethane
Concen: 53.042 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

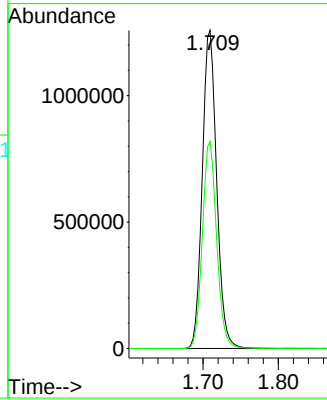
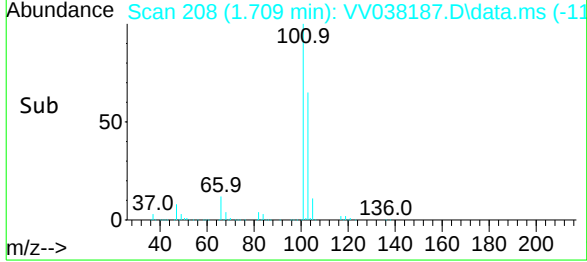
Instrument :
MSVOA_V
ClientSampleId :
BG3J1



Tgt Ion:101 Resp: 1666017
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

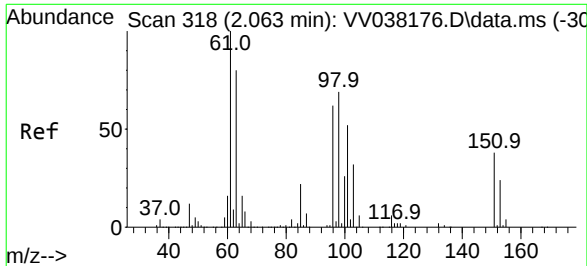
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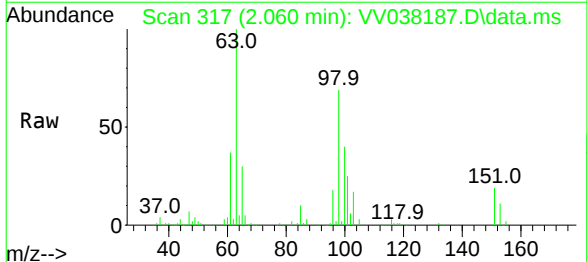


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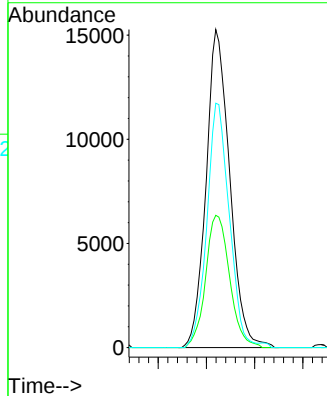
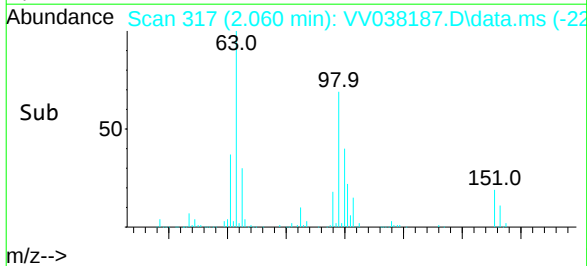
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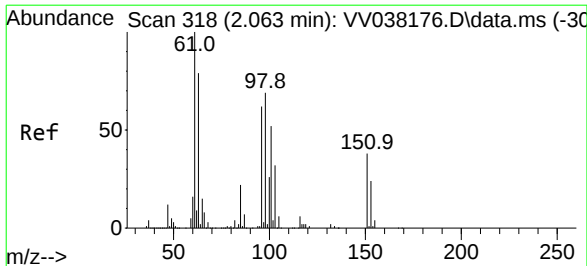


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.453 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21



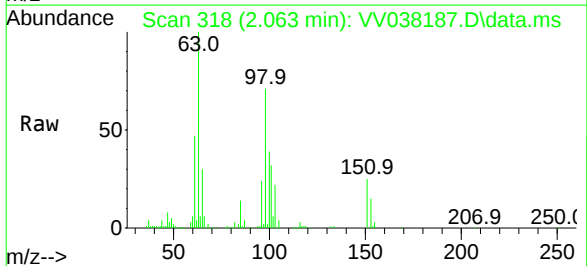
Tgt Ion:101 Resp: 26052
Ion Ratio Lower Upper
101 100
85 42.1 33.4 50.0
151 72.9 58.8 88.2





#12
1,1-Dichloroethene
Concen: 0.995 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

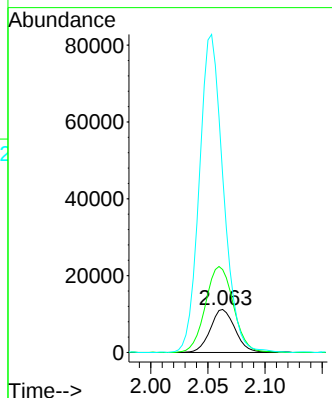
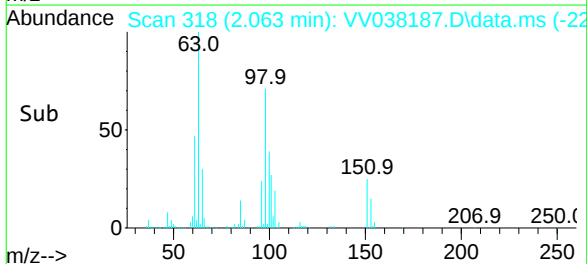
Instrument :
MSVOA_V
ClientSampleId :
BG3J1



Tgt Ion: 96 Resp: 16990
Ion Ratio Lower Upper
96 100
61 192.6 115.7 214.9
63 412.1 101.1 187.7#

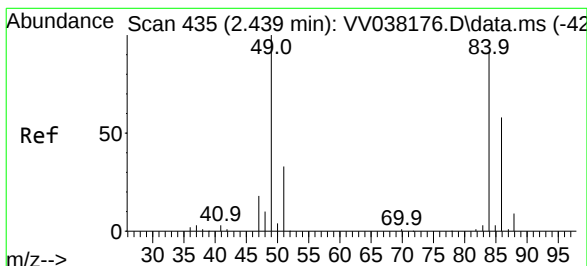
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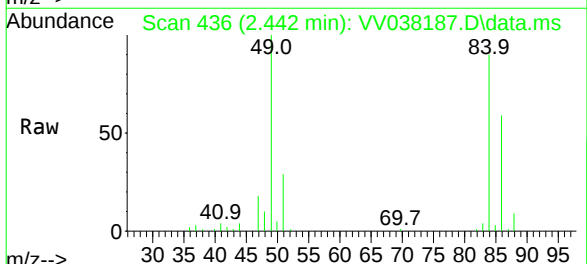


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Supervised By :Semsettin
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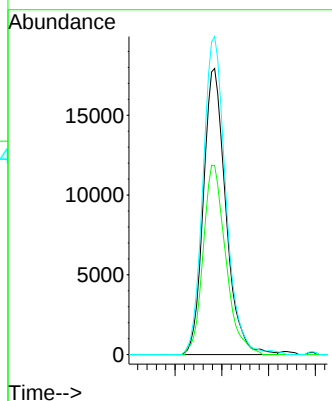
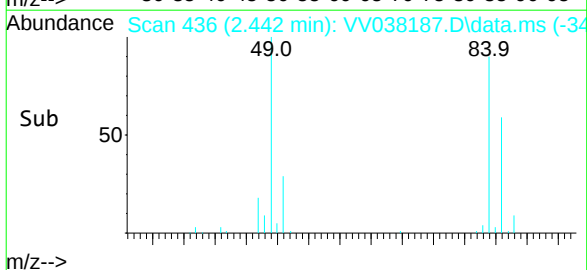
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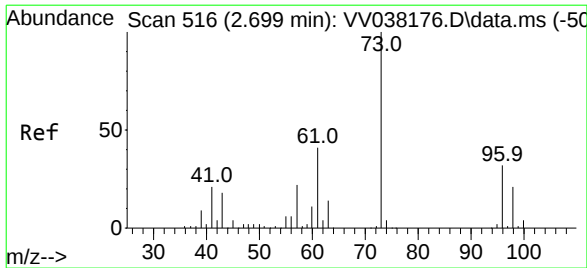


#16
Methylene chloride
Concen: 1.537 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21



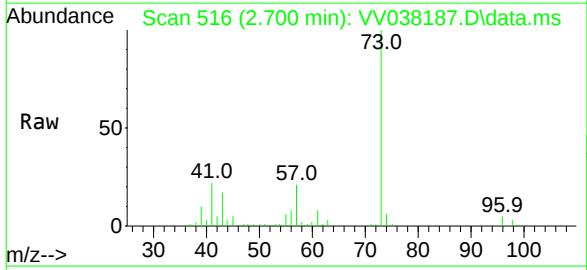
Tgt Ion: 84 Resp: 29920
Ion Ratio Lower Upper
84 100
86 66.1 44.2 82.2
49 111.2 74.9 139.1





#17
Methyl tert-butyl Ether
Concen: 1.604 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

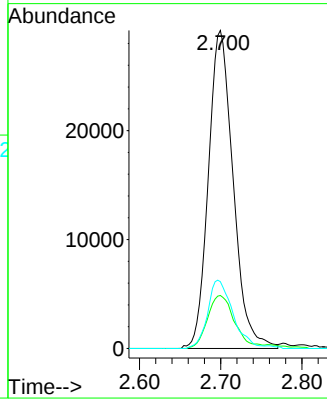
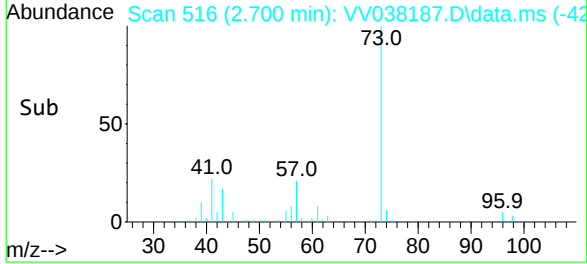
Instrument :
MSVOA_V
ClientSampleId :
BG3J1



Tgt Ion: 73 Resp: 61924
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.2
57 21.8 17.6 26.4

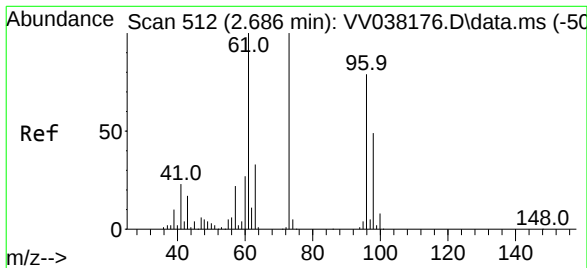
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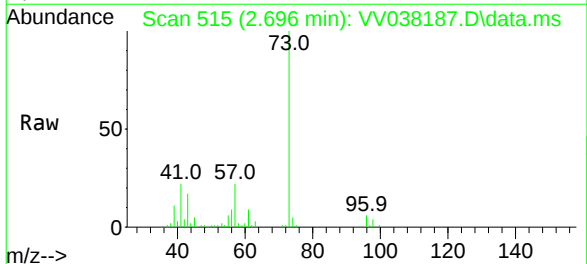


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Yesilyurt

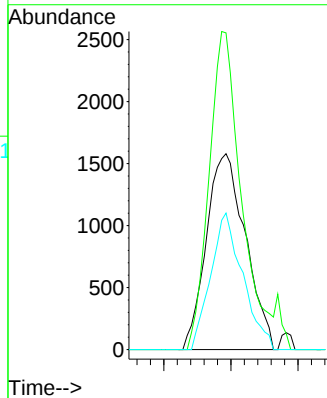
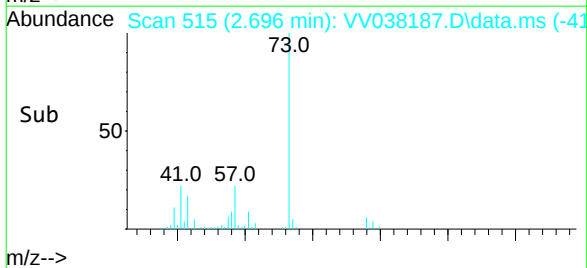
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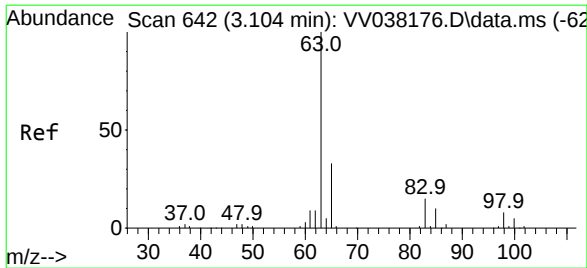


#18
trans-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21



Tgt Ion: 96 Resp: 3201
Ion Ratio Lower Upper
96 100
61 161.6 88.5 164.4
98 69.7 43.9 81.5





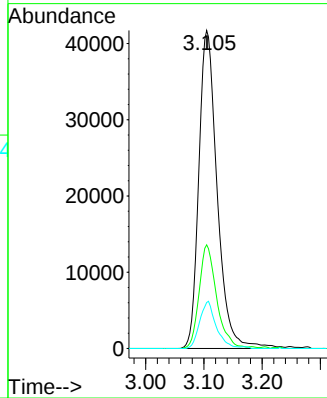
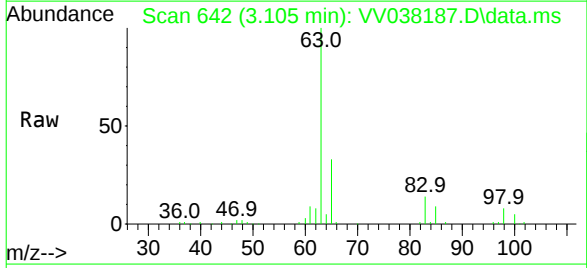
#19
1,1-Dichloroethane
Concen: 2.802 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

Instrument :
MSVOA_V
ClientSampleId :
BG3J1

Tgt Ion:	63	Resp:	91486
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.5	41.7
83	14.5	10.1	18.9

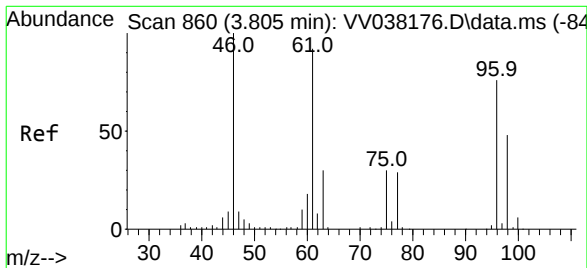
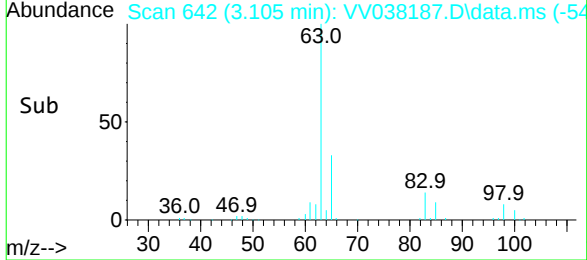
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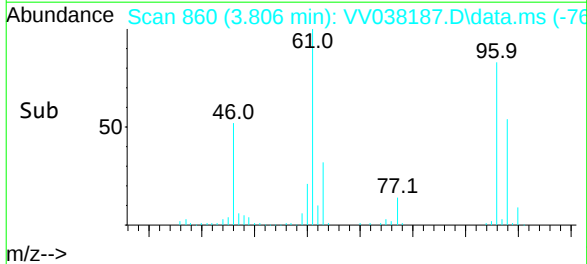
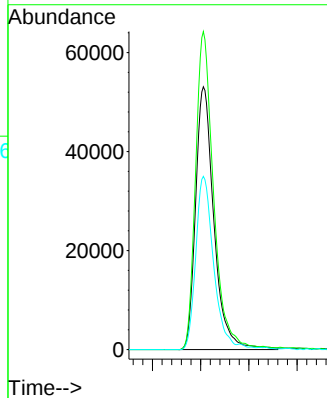
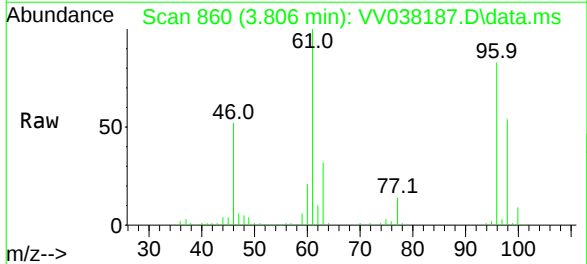
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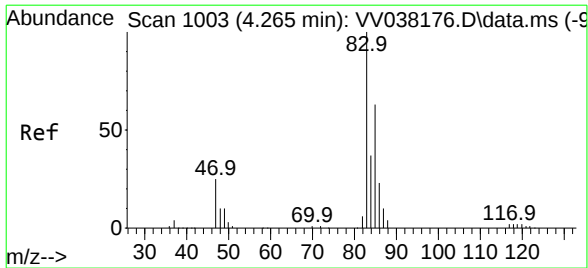
11/21/2024



#22
cis-1,2-Dichloroethene
Concen: 7.530 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

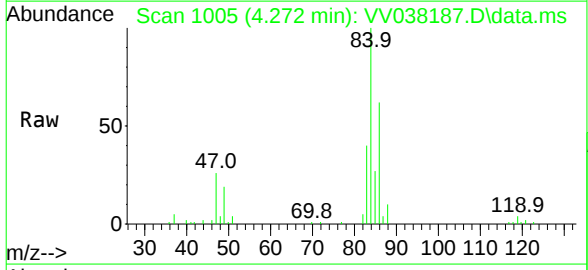
Tgt Ion:	96	Resp:	140060
Ion	Ratio	Lower	Upper
96	100		
61	121.0	82.7	153.5
98	65.9	46.3	85.9





#25
Chloroform
Concen: 0.744 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

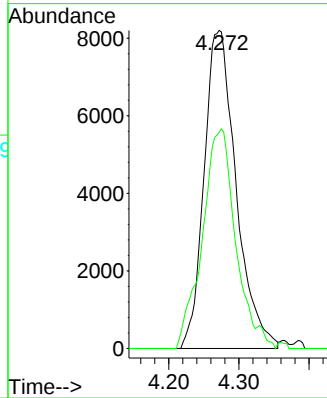
Instrument :
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Tgt Ion: 83 Resp: 25980
Ion Ratio Lower Upper
83 100
85 67.9 46.5 86.3

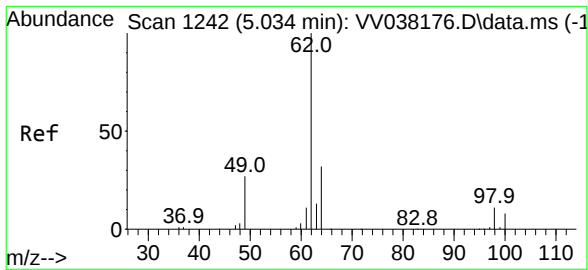
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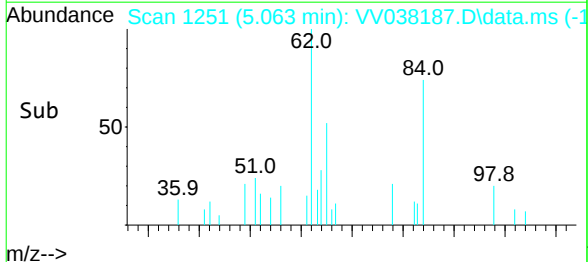
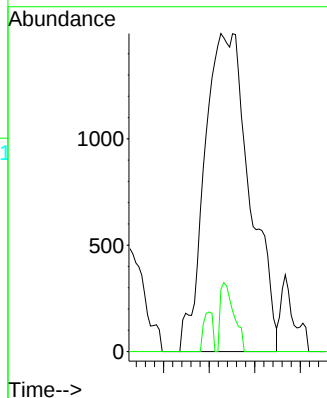
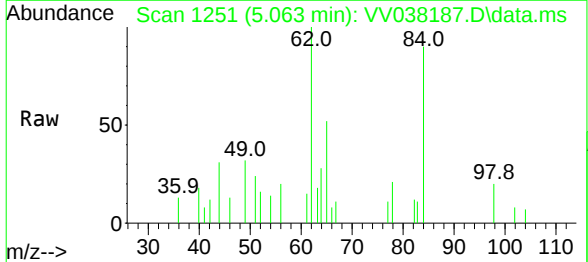
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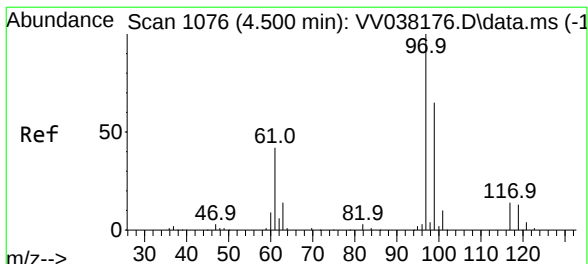
11/21/2024



#27
1,2-Dichloroethane
Concen: 0.271 ug/L m
RT: 5.063 min Scan# 1251
Delta R.T. 0.029 min
Lab File: VV038187.D
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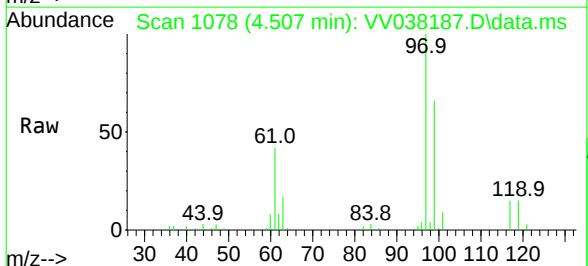
Tgt Ion: 62 Resp: 5147
Ion Ratio Lower Upper
62 100
98 19.5 8.2 12.4#





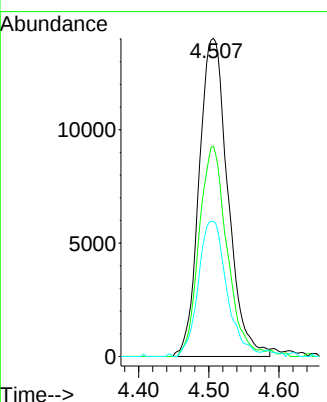
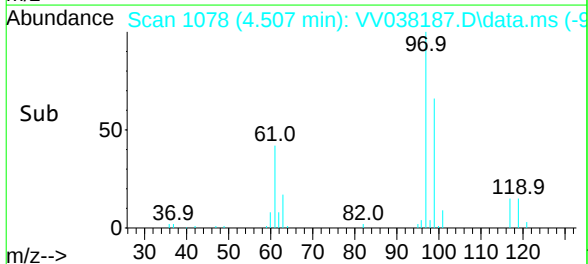
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 1,1,1-Trichloroethane
 Concen: 1.308 ug/L
 RT: 4.507 min Scan# 1076
 Delta R.T. 0.007 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21

Instrument : MSVOA_V
 Client Sample Id : BG3J1



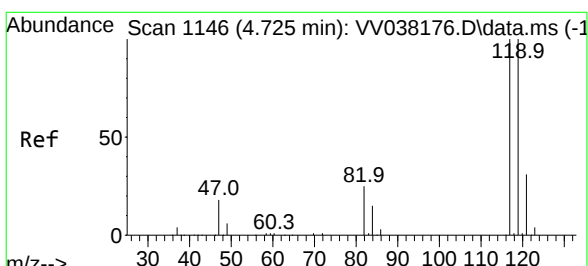
Tgt Ion:	97	Resp:	39981
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	42.0	32.2	48.2

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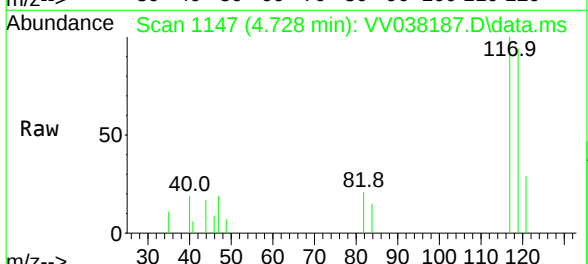


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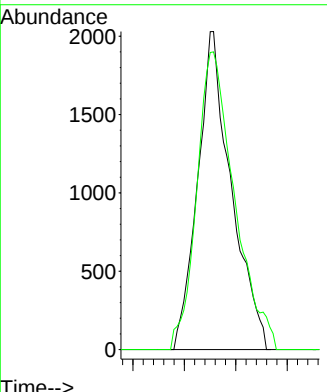
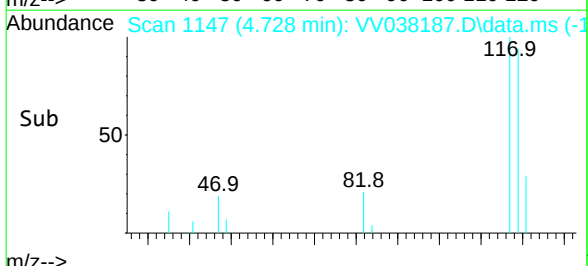
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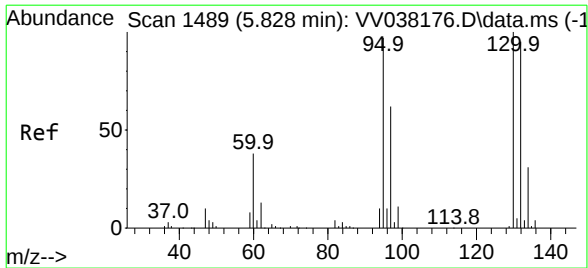


#31
 Carbon tetrachloride
 Concen: 0.171 ug/L
 RT: 4.728 min Scan# 1147
 Delta R.T. 0.003 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21



Tgt Ion:	117	Resp:	4597
Ion	Ratio	Lower	Upper
117	100		
119	105.5	77.4	116.2





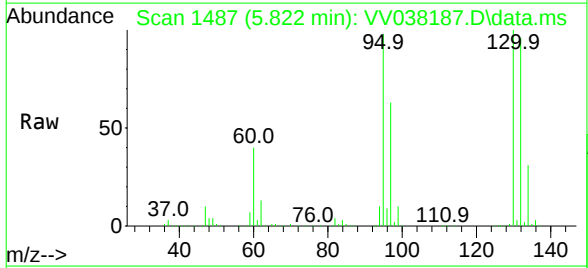
#34
 Trichloroethene
 Concen: 84.483 ug/L
 RT: 5.822 min Scan# 1487
 Delta R.T. -0.006 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21

Instrument :

MSVOA_V

ClientSampleId :

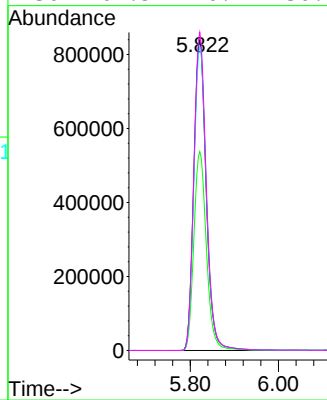
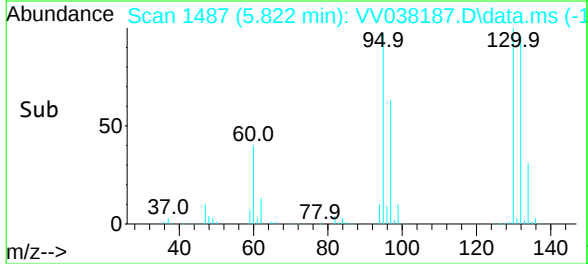
BG3J1



Tgt Ion: 95 Resp: 1648471
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.8 83.2
 132 97.9 68.3 126.8
 130 102.5 70.2 130.4

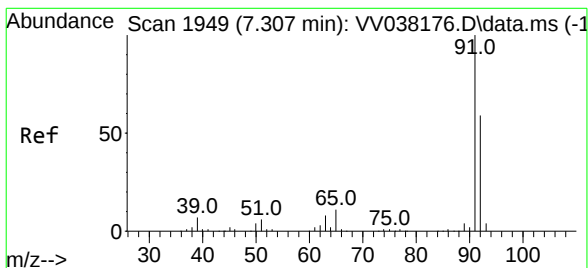
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Reviewed By :Mahesh
 Dadoda

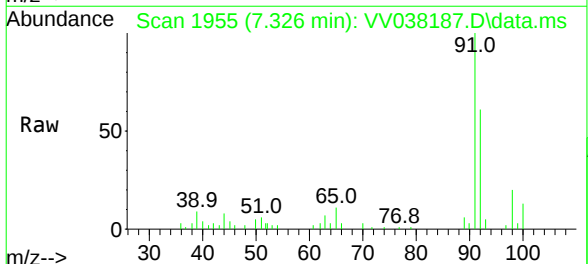


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 Yesilyurt

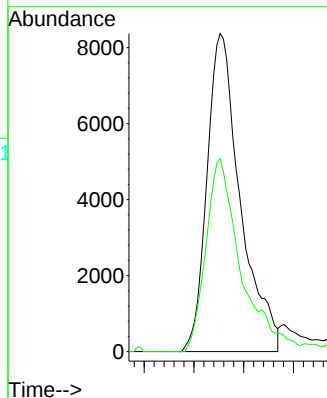
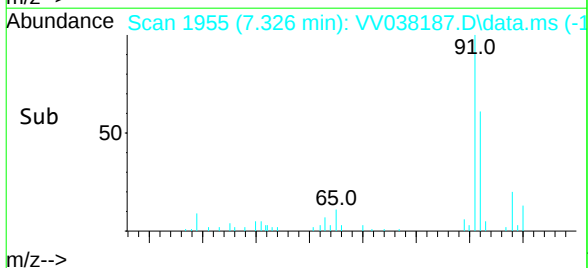
11/21/2024

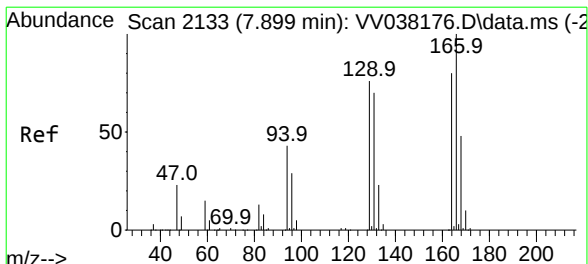


#42
 Toluene
 Concen: 0.257 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.019 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21



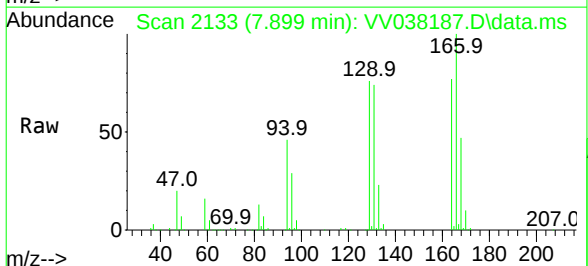
Tgt Ion: 91 Resp: 19490
 Ion Ratio Lower Upper
 91 100
 92 60.7 40.8 75.8





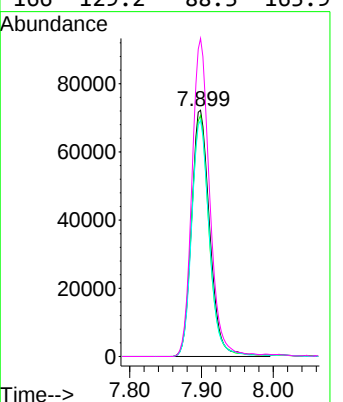
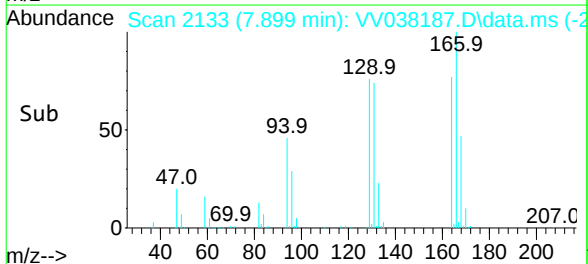
#47
Tetrachloroethene
 Concen: 8.085 ug/L
 RT: 7.899 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21

Instrument : MSVOA_V
ClientSampleId : BG3J1



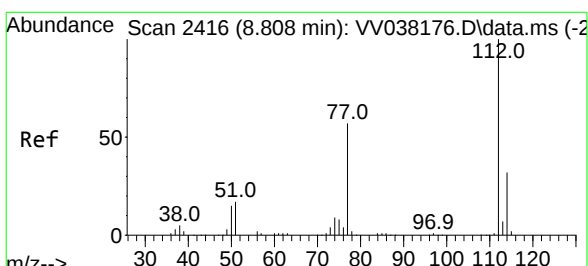
Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.5	127.1
131	96.0	64.8	120.4
166	129.2	88.3	163.9

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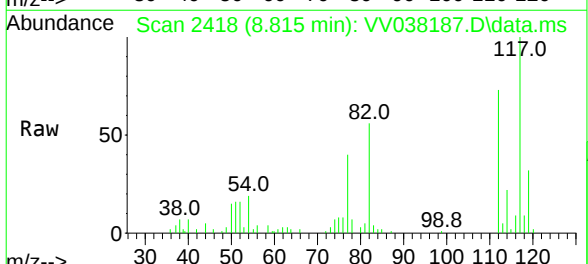


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 Supervised By :Semsettin Yesilyurt

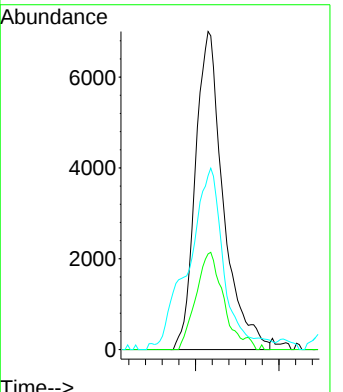
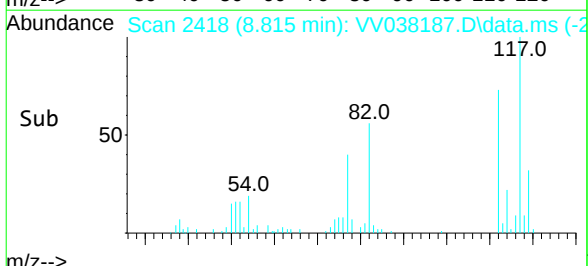
11/21/2024

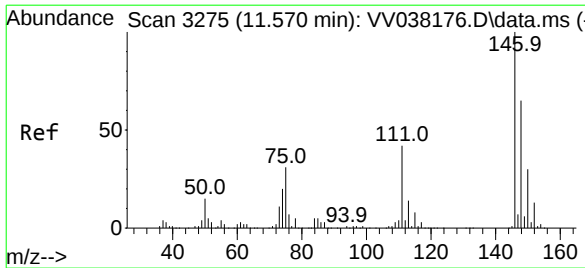


#51
Chlorobenzene
 Concen: 0.311 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.007 min
 Lab File: VV038187.D
 Acq: 19 Nov 2024 19:21



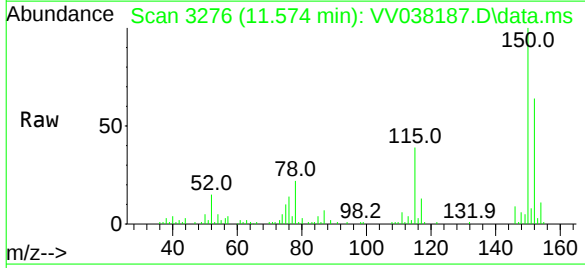
Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.0	40.8
77	54.7	45.0	67.4





#67
1,2-Dichlorobenzene
Concen: 0.150 ug/L
RT: 11.574 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV038187.D
Acq: 19 Nov 2024 19:21

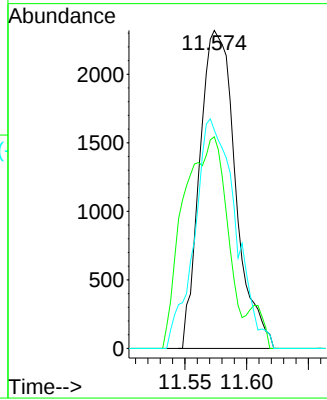
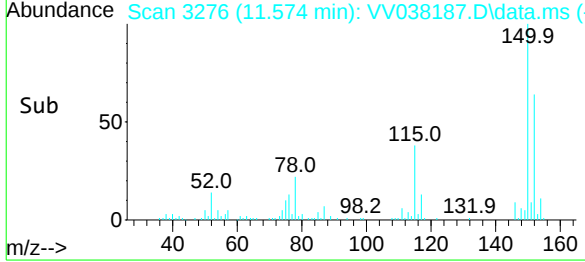
Instrument :
MSVOA_V
ClientSampleId :
BG3J1



Tgt	Ion	146	Resp:	4674
Ion	Ratio	Lower	Upper	
146	100			
111	66.6	34.2	51.2	#
148	68.7	51.0	76.4	

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



11/21/2024
Supervised By :Semsettin
Yesilyurt

11/21/2024