

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038178.D
 Acq On : 19 Nov 2024 15:42
 Operator : SY/MD
 Sample : P4882-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

Quant Time: Nov 20 00:34:47 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)

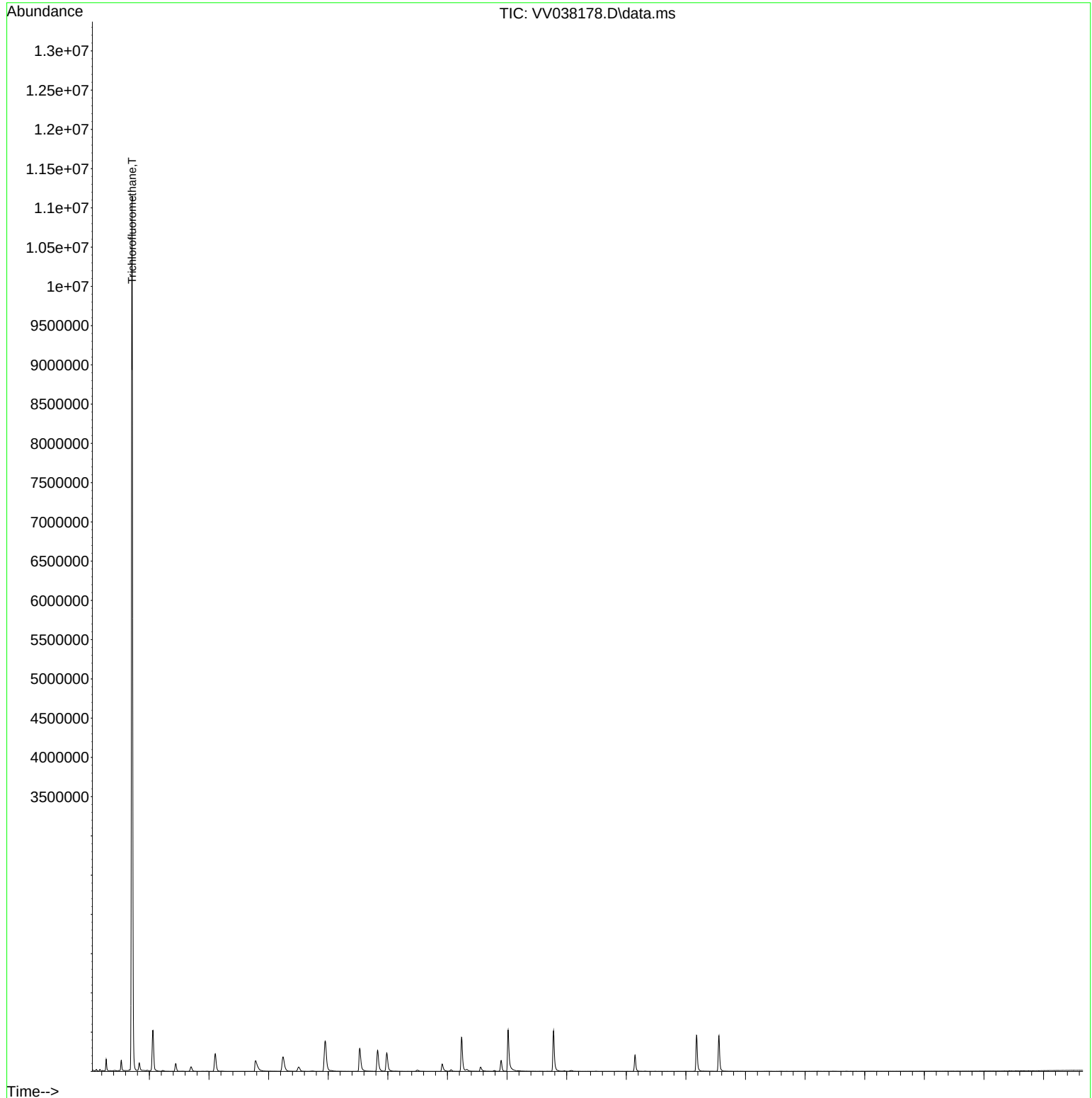
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	282320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	306463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	132255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94046	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.529	69	85698	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.053	65	41486	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.780	46	232013	53.597	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.243	84	204542	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.937	65	100721	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.953	84	374969	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.982	67	122450	5.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.236	98	314499	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.554	79	40161	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.017	63	204041	57.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.860%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	106274	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	127187	5.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds	Qvalue					
9) Trichlorofluoromethane	1.709	101	6569386	177.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	95008	4.488	ug/L	99
12) 1,1-Dichloroethene	2.063	96	26031	1.291	ug/L #	10
16) Methylene chloride	2.442	84	44311	1.927	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	55919	1.227	ug/L	98
19) 1,1-Dichloroethane	3.104	63	226926	5.885	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	11414	0.520	ug/L	95
25) Chloroform	4.265	83	23083	0.560	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	47938	1.304	ug/L	98
34) Trichloroethene	5.828	95	104807	4.466	ug/L	99
42) Toluene	7.323	91	21095	0.231	ug/L	94
47) Tetrachloroethene	7.898	164	34506	1.830	ug/L	99

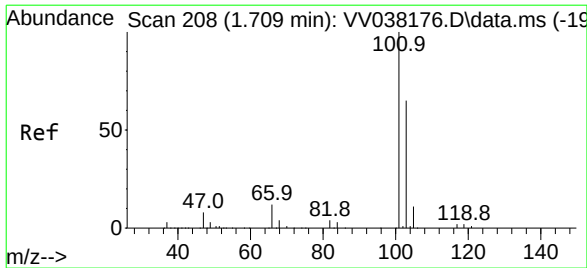
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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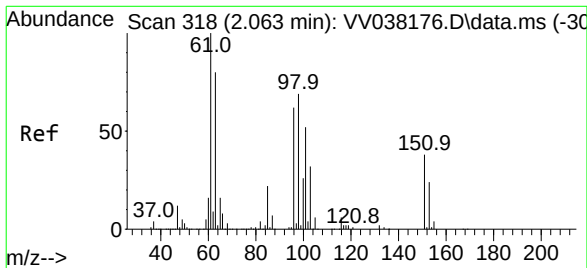
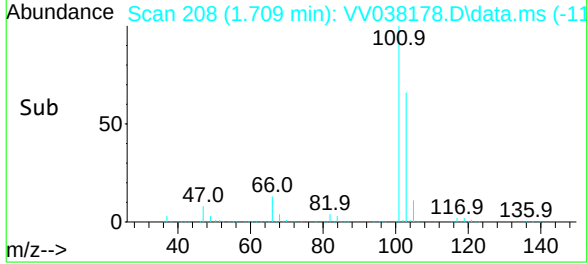
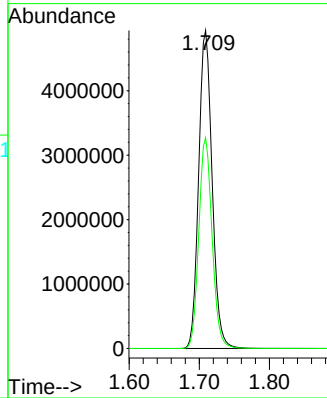
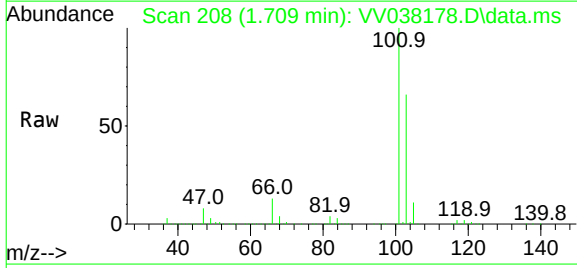




#9
 Trichlorofluoromethane
 Concen: 177.118 ug/L
 RT: 1.709 min Scan# 208
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

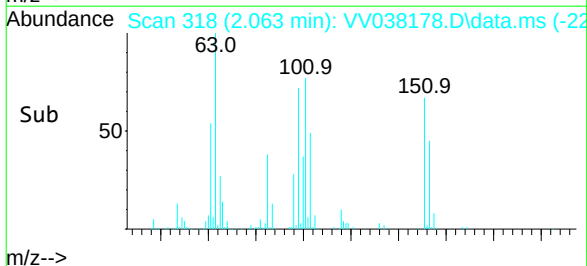
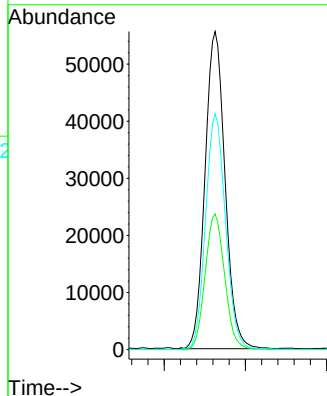
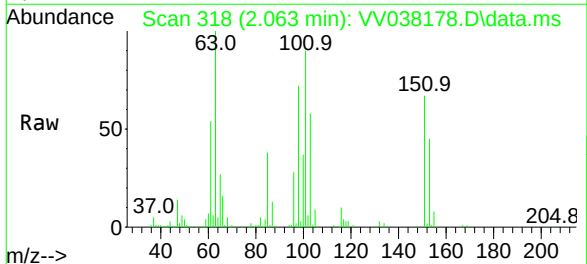
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

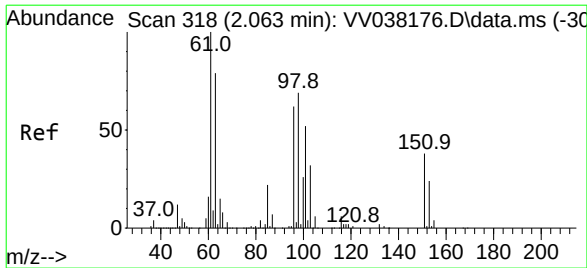
Tgt Ion:101 Resp: 6569386
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.488 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

Tgt Ion:101 Resp: 95008
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.4 50.0
 151 74.4 58.8 88.2

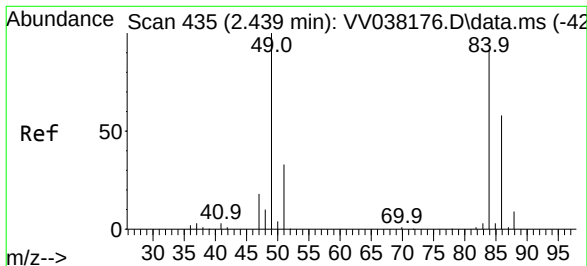
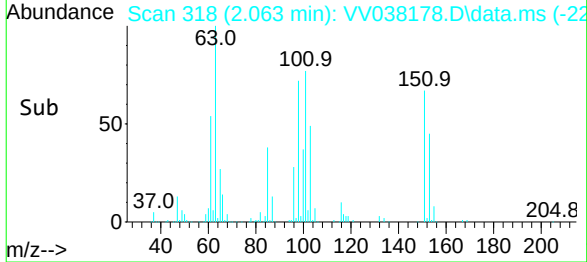
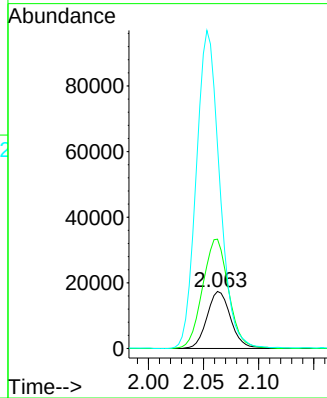
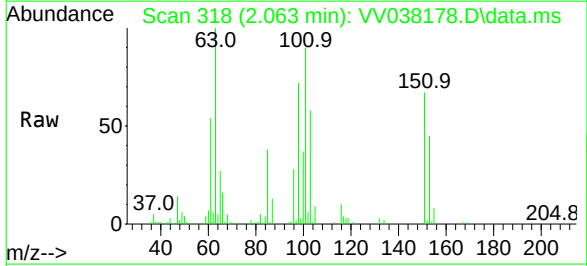




#12
1,1-Dichloroethene
Concen: 1.291 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

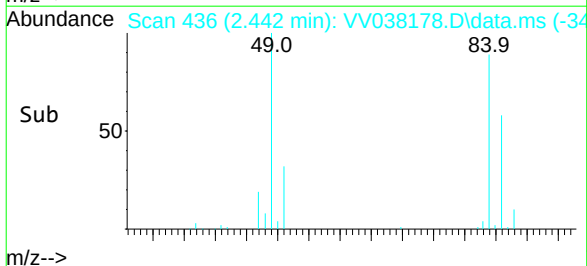
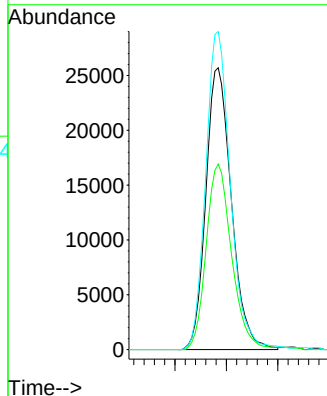
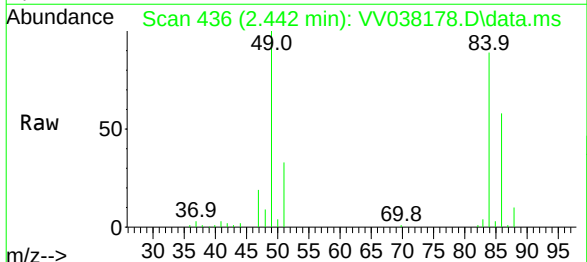
Instrument :
MSVOA_V
ClientSampleId :
BG3G8

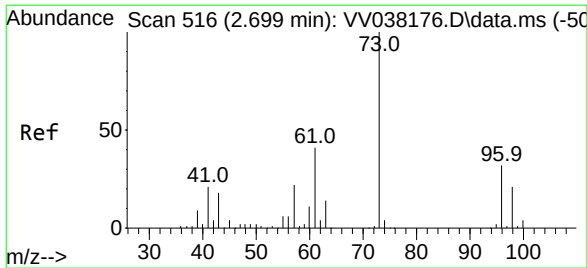
Tgt Ion: 96 Resp: 26031
Ion Ratio Lower Upper
96 100
61 191.6 115.7 214.9
63 355.5 101.1 187.7#



#16
Methylene chloride
Concen: 1.927 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 84 Resp: 44311
Ion Ratio Lower Upper
84 100
86 65.8 44.2 82.2
49 112.9 74.9 139.1

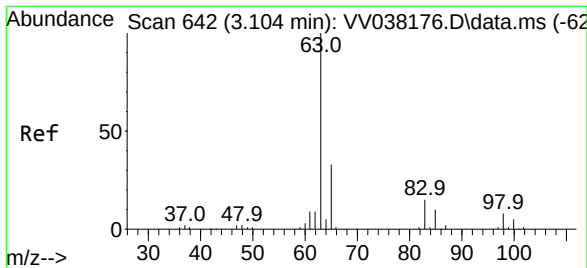
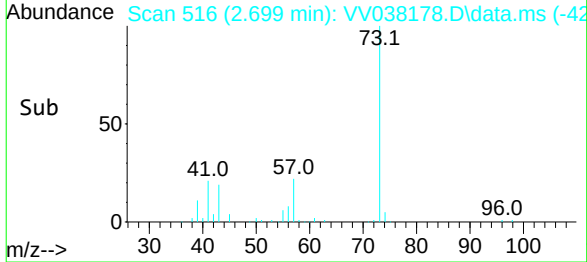
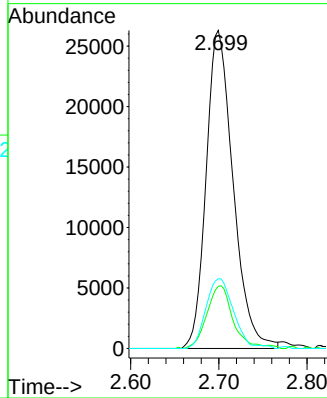
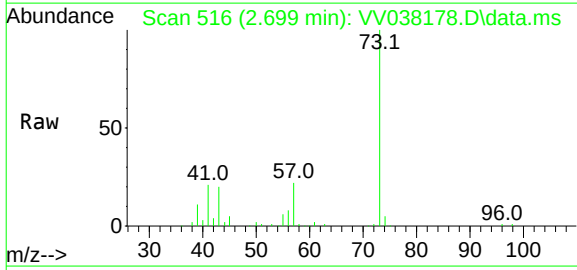




#17
Methyl tert-butyl Ether
Concen: 1.227 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

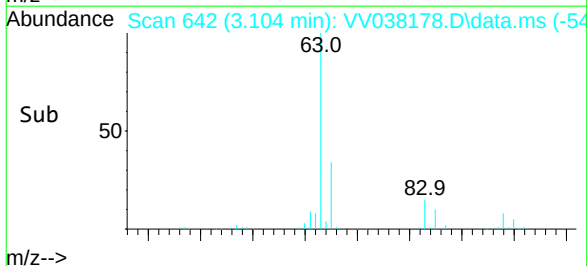
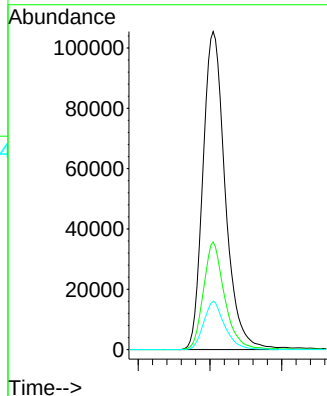
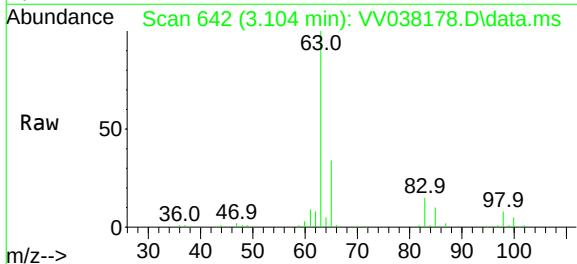
Instrument :
MSVOA_V
ClientSampleId :
BG3G8

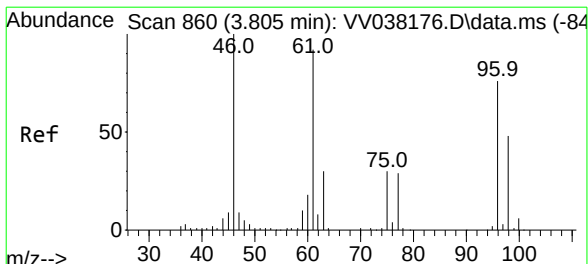
Tgt Ion:	73	Resp:	55919
Ion	Ratio	Lower	Upper
73	100		
43	18.9	14.2	21.2
57	22.5	17.6	26.4



#19
1,1-Dichloroethane
Concen: 5.885 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion:	63	Resp:	226926
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.5	41.7
83	15.2	10.1	18.9

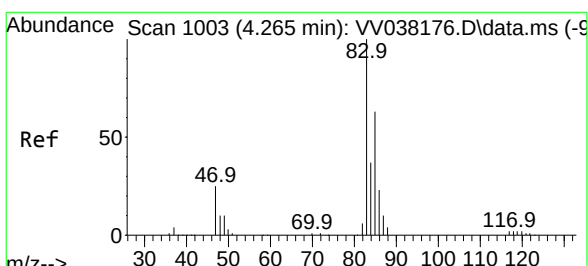
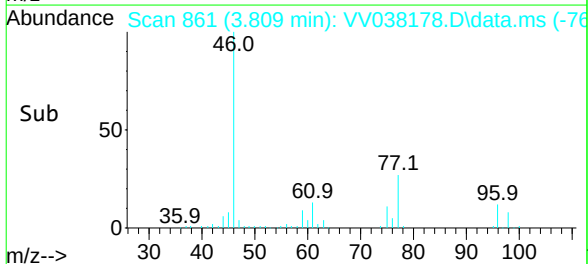
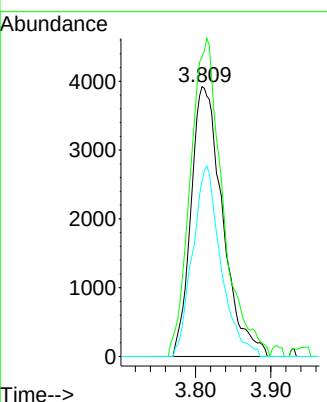
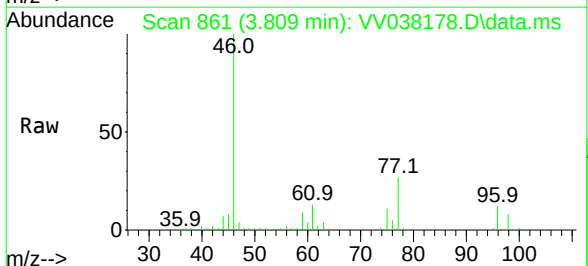




#22
 cis-1,2-Dichloroethene
 Concen: 0.520 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

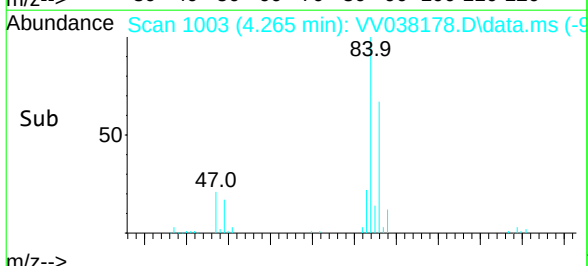
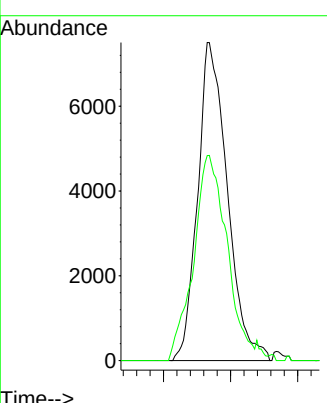
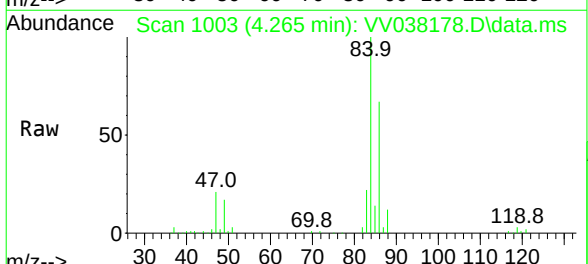
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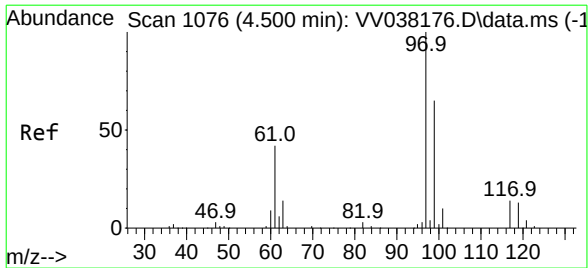
Tgt Ion:	96	Resp:	11414
Ion	Ratio	Lower	Upper
96	100		
61	111.1	82.7	153.5
98	65.1	46.3	85.9



#25
 Chloroform
 Concen: 0.560 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

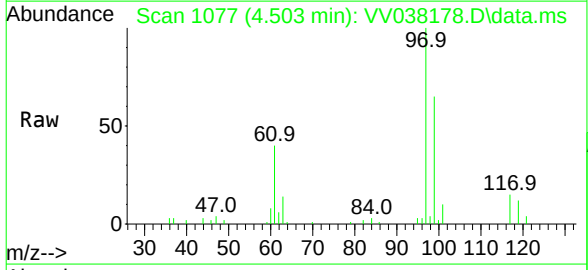
Tgt Ion:	83	Resp:	23083
Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.5	86.3



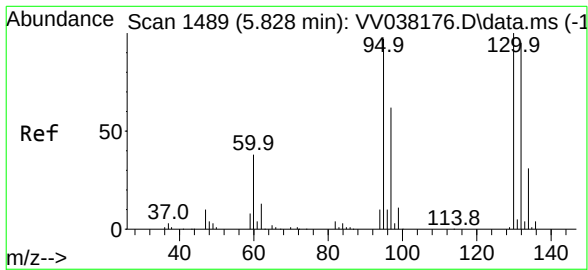
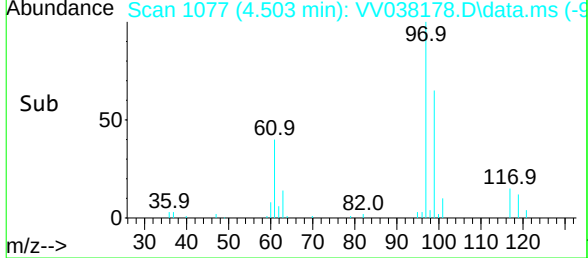
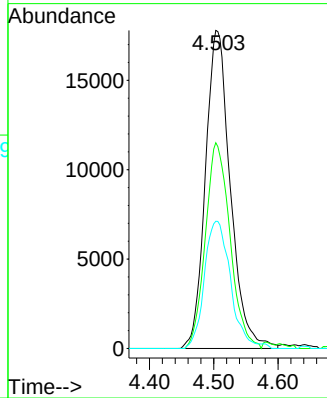


#29
 1,1,1-Trichloroethane
 Concen: 1.304 ug/L
 RT: 4.503 min Scan# 1076
 Delta R.T. 0.003 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G8

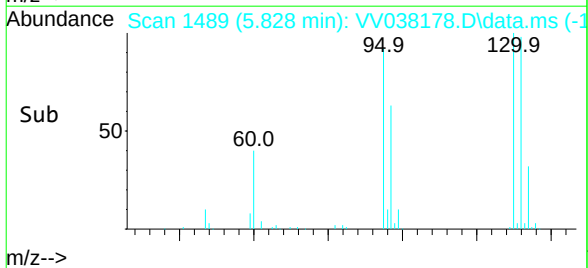
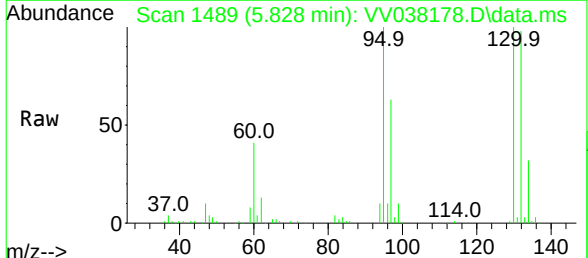
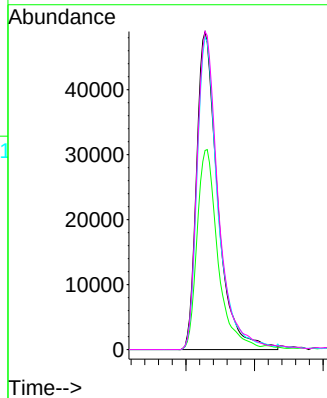


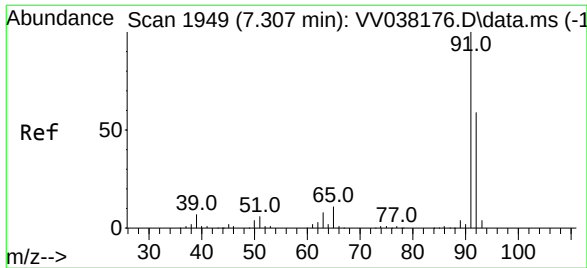
Tgt Ion:	97	Resp:	47938
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	42.0	32.2	48.2



#34
 Trichloroethene
 Concen: 4.466 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

Tgt Ion:	95	Resp:	104807
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.8	83.2
132	98.3	68.3	126.8
130	100.2	70.2	130.4





#42

Toluene

Concen: 0.231 ug/L

RT: 7.323 min Scan# 19

Delta R.T. 0.016 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

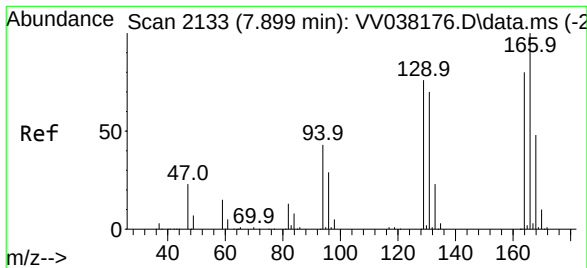
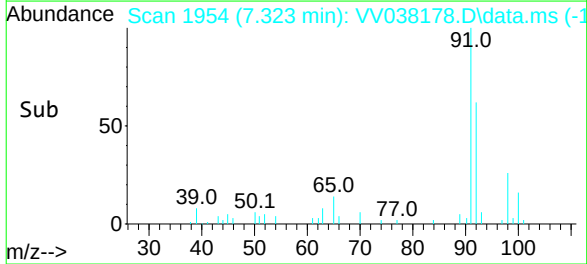
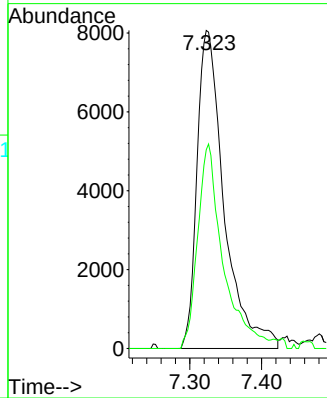
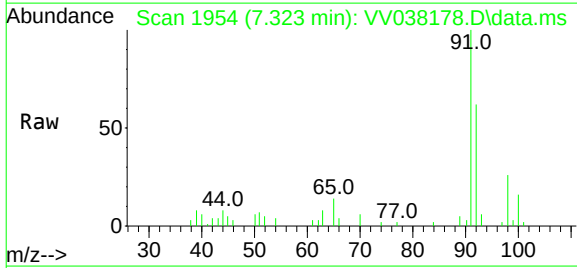
BG3G8

Tgt Ion: 91 Resp: 21095

Ion Ratio Lower Upper

91 100

92 62.5 40.8 75.8



#47

Tetrachloroethene

Concen: 1.830 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Tgt Ion: 164 Resp: 34506

Ion Ratio Lower Upper

164 100

129 99.0 68.5 127.1

131 92.5 64.8 120.4

166 126.6 88.3 163.9

