

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038189.D
 Acq On : 19 Nov 2024 20:10
 Operator : SY/MD
 Sample : P4882-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3

Quant Time: Nov 20 00:40:18 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)

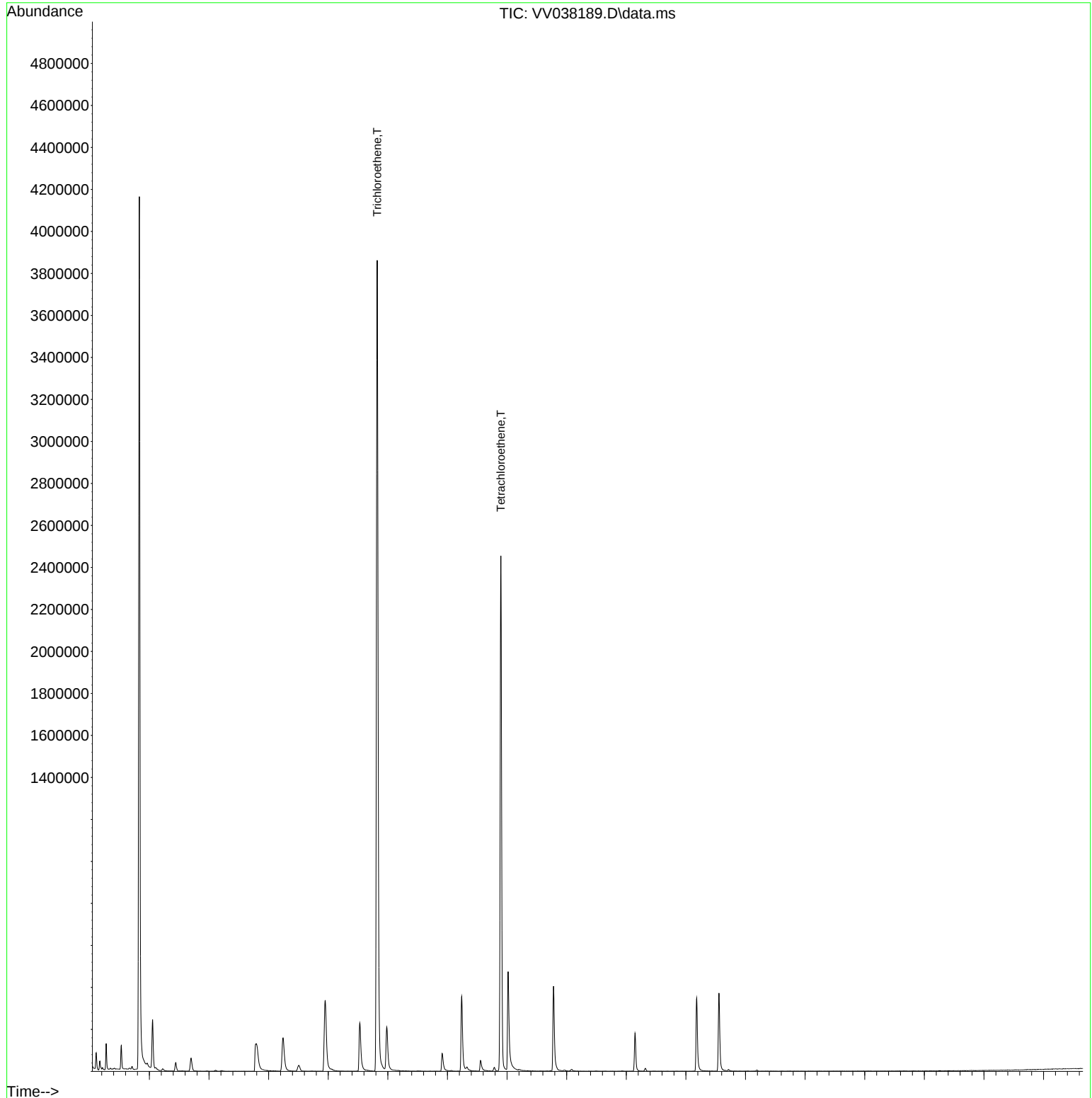
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	242859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	103552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80085	4.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.529	69	74704	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.053	65	35755	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.780	46	192310	56.449	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.900%
24) Chloroform-d	4.239	84	179561	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	4.937	65	89309	6.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	4.953	84	322890	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.982	67	111136	5.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.239	98	262381	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.554	79	36045	5.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.017	63	182927	65.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.060%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89660	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	106954	6.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	29090	1.384	ug/L	97
3) Chloromethane	1.214	50	6813	0.376	ug/L	95
9) Trichlorofluoromethane	1.709	101	7545	0.258	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3227	0.194	ug/L #	81
12) 1,1-Dichloroethene	2.063	96	4195	0.264	ug/L #	1
16) Methylene chloride	2.442	84	17598	0.972	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	57577	1.605	ug/L	97
19) 1,1-Dichloroethane	3.111	63	4494	0.148	ug/L	95
22) cis-1,2-Dichloroethene	3.809	96	40091	2.319	ug/L	98
25) Chloroform	4.275	83	12578	0.387	ug/L	96
27) 1,2-Dichloroethane	5.063	62	5931	0.336	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	24952	0.857	ug/L	96
34) Trichloroethene	5.821	95	1380485	74.235	ug/L	98
42) Toluene	7.326	91	15921	0.220	ug/L	93
47) Tetrachloroethene	7.895	164	552181	36.952	ug/L	99

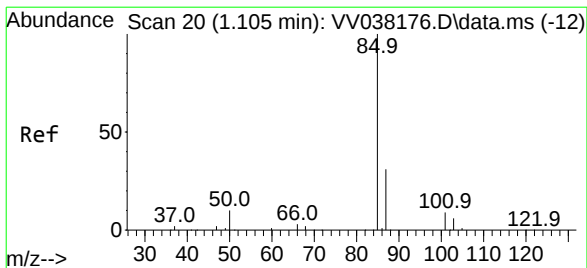
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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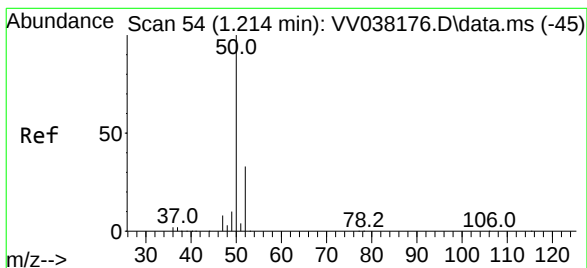
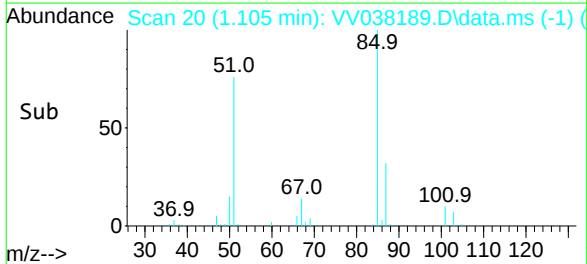
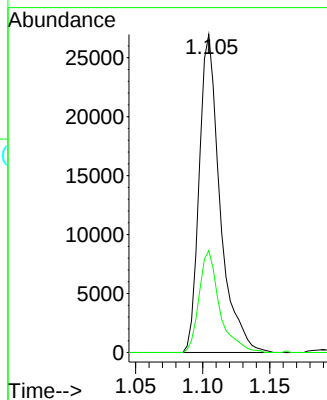
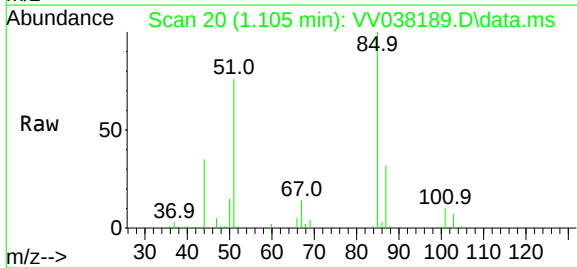




#2
 Dichlorodifluoromethane
 Concen: 1.384 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

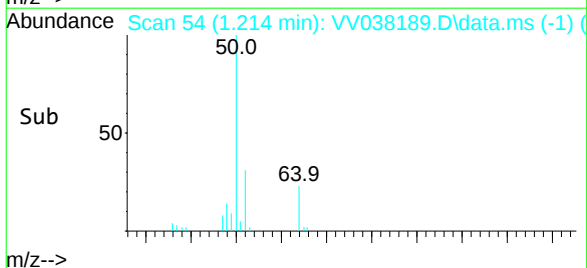
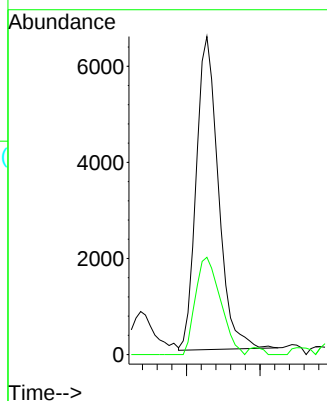
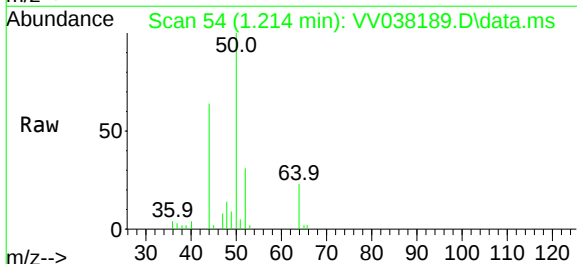
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3

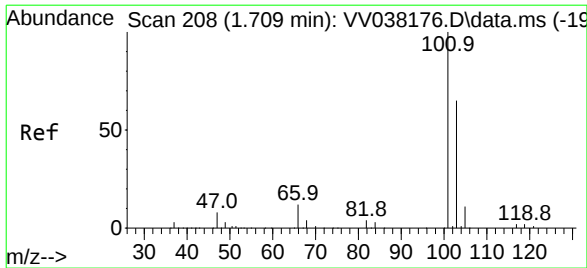
Tgt Ion: 85 Resp: 29090
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.5 39.7



#3
 Chloromethane
 Concen: 0.376 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Tgt Ion: 50 Resp: 6813
 Ion Ratio Lower Upper
 50 100
 52 30.6 23.5 43.7

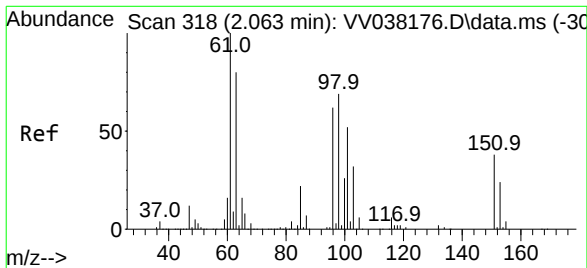
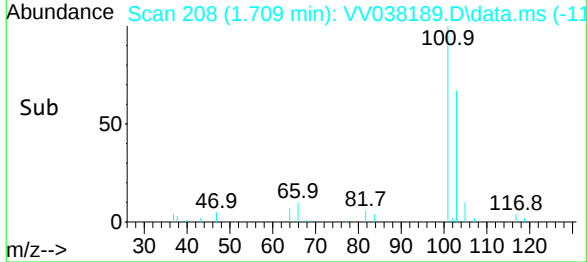
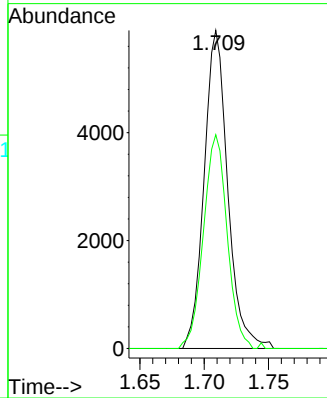
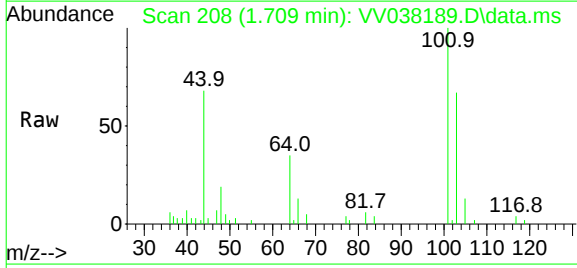




#9
Trichlorofluoromethane
Concen: 0.258 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

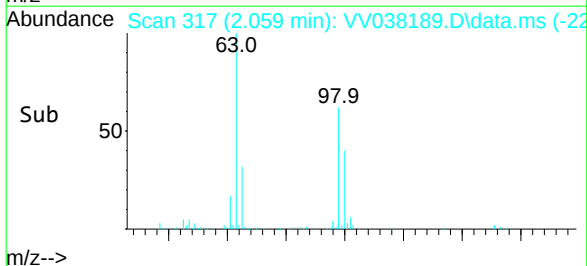
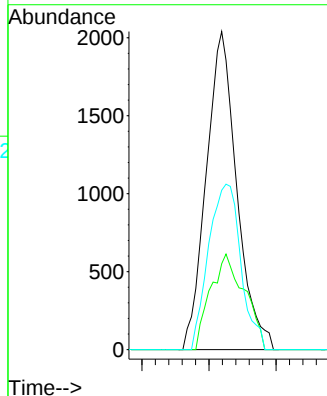
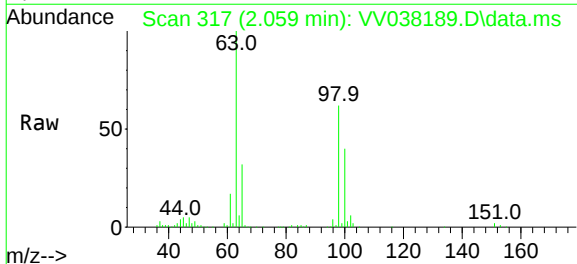
Instrument :
MSVOA_V
ClientSampleId :
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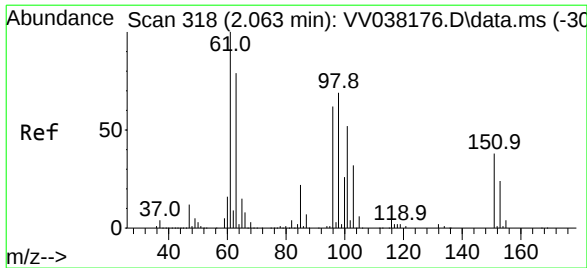
Tgt Ion:101 Resp: 7545
Ion Ratio Lower Upper
101 100
103 67.4 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.194 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:101 Resp: 3227
Ion Ratio Lower Upper
101 100
85 33.5 33.4 50.0
151 55.0 58.8 88.2#

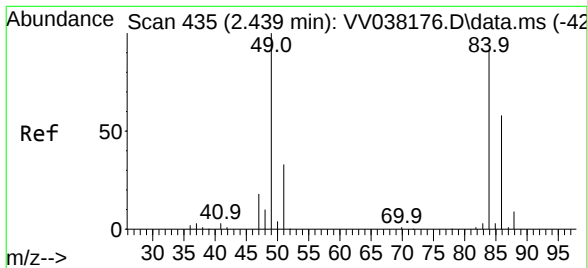
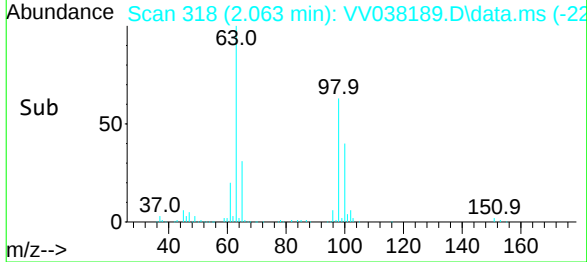
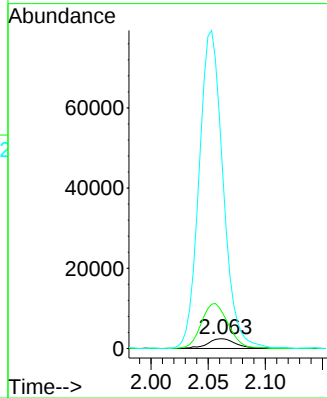
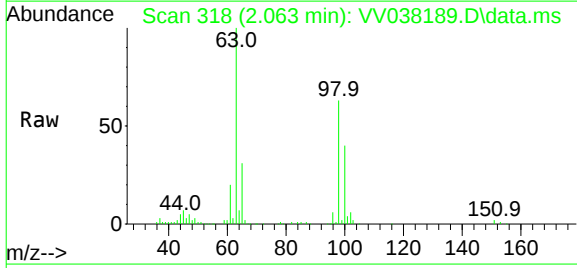




#12
1,1-Dichloroethene
Concen: 0.264 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

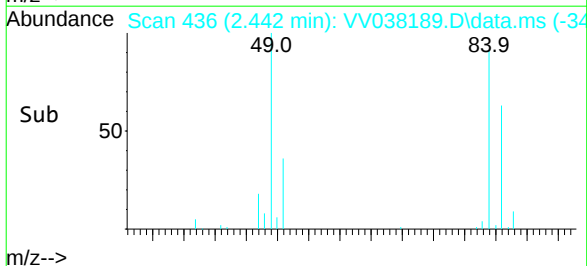
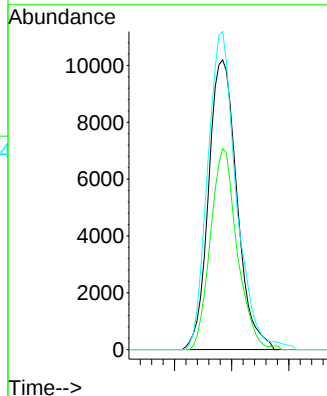
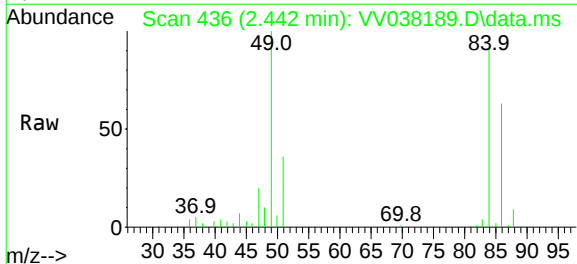
Instrument :
MSVOA_V
ClientSampleId :
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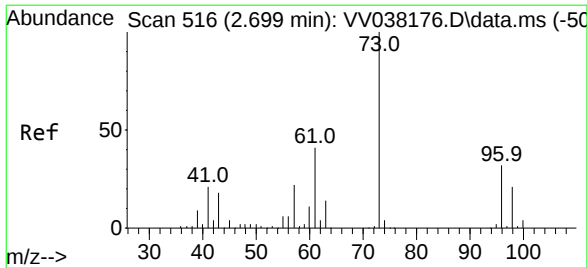
Tgt Ion: 96 Resp: 4195
Ion Ratio Lower Upper
96 100
61 364.5 115.7 214.9#
63 1808.6 101.1 187.7#



#16
Methylene chloride
Concen: 0.972 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 84 Resp: 17598
Ion Ratio Lower Upper
84 100
86 69.4 44.2 82.2
49 109.8 74.9 139.1

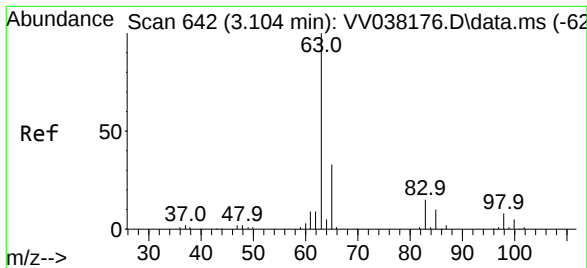
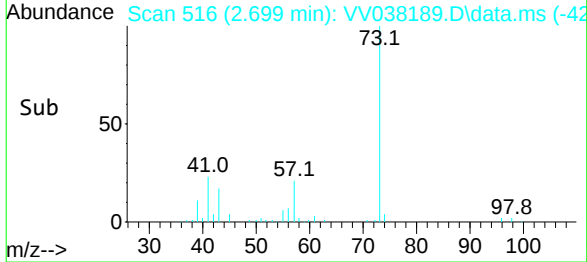
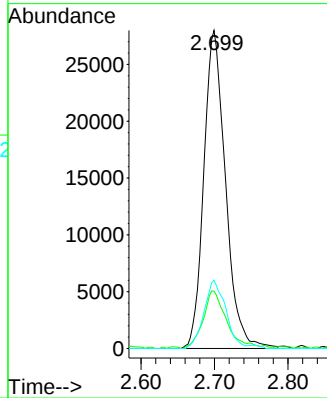
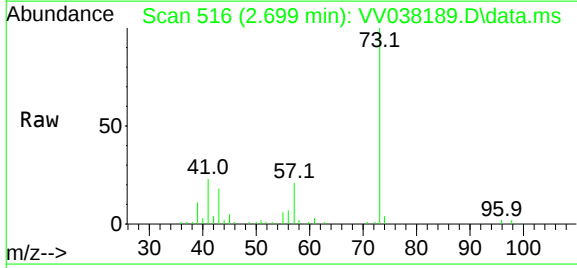




#17
Methyl tert-butyl Ether
Concen: 1.605 ug/L
RT: 2.699 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

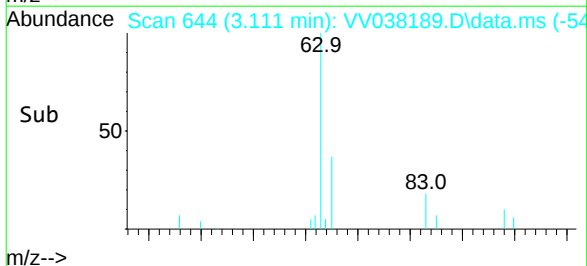
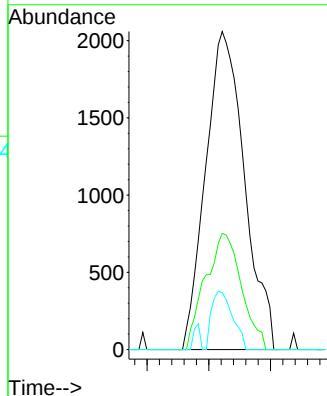
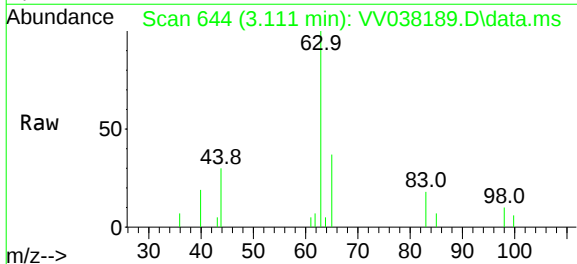
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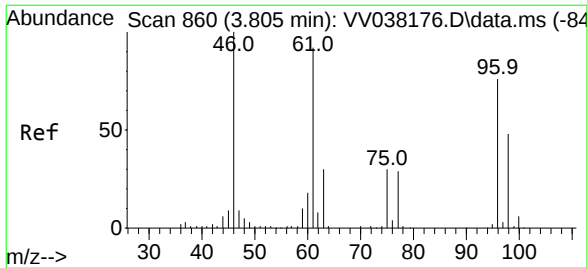
Tgt Ion:	73	Resp:	57577
Ion	Ratio	Lower	Upper
73	100		
43	19.5	14.2	21.2
57	21.4	17.6	26.4



#19
1,1-Dichloroethane
Concen: 0.148 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:	63	Resp:	4494
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.5	41.7
83	17.0	10.1	18.9

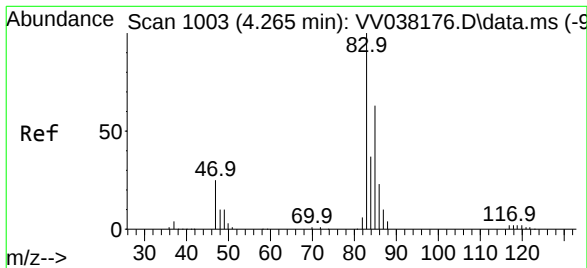
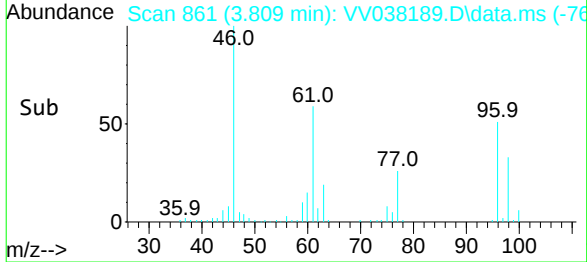
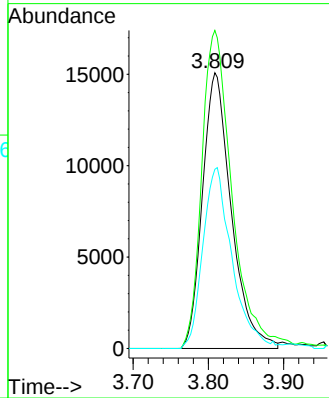
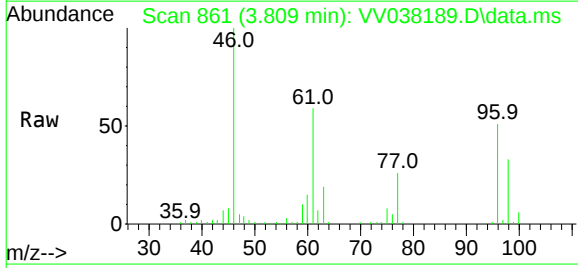




#22
cis-1,2-Dichloroethene
Concen: 2.319 ug/L
RT: 3.809 min Scan# 860
Delta R.T. 0.003 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

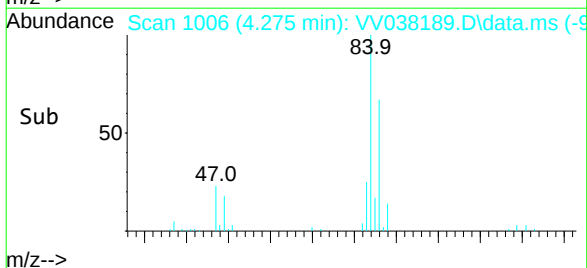
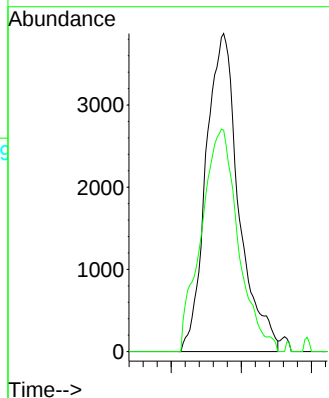
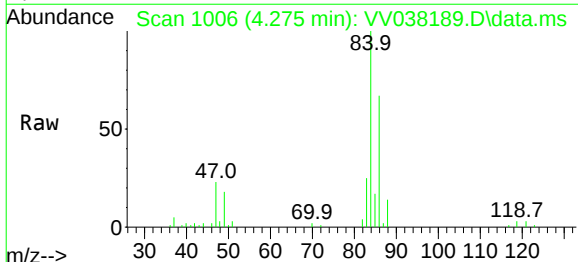
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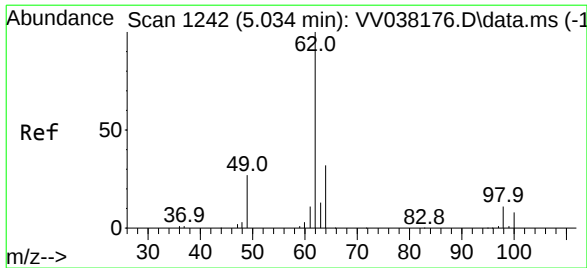
Tgt Ion:	96	Resp:	40091
Ion	Ratio	Lower	Upper
96	100		
61	115.3	82.7	153.5
98	65.0	46.3	85.9



#25
Chloroform
Concen: 0.387 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion:	83	Resp:	12578
Ion	Ratio	Lower	Upper
83	100		
85	69.6	46.5	86.3

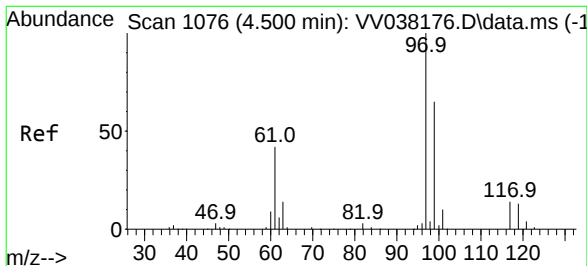
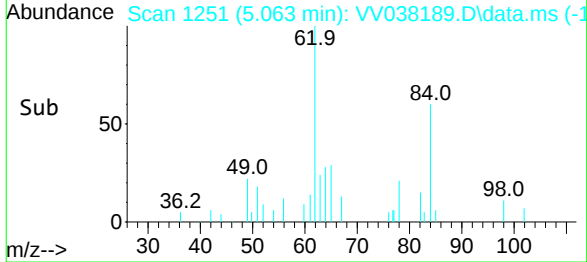
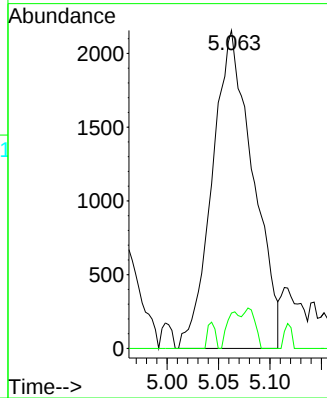
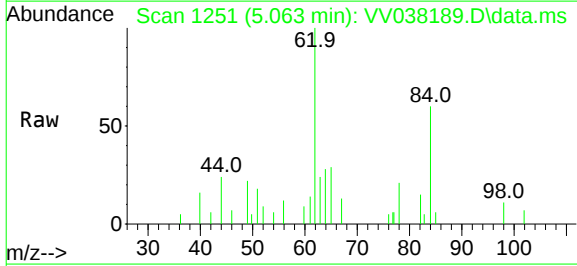




#27
1,2-Dichloroethane
Concen: 0.336 ug/L
RT: 5.063 min Scan# 1242
Delta R.T. 0.029 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

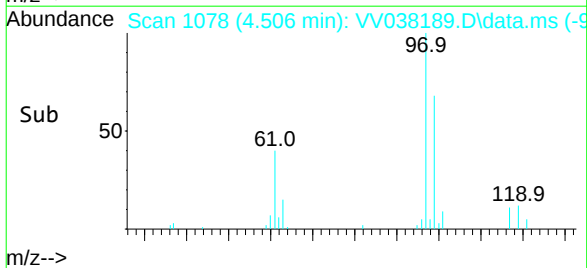
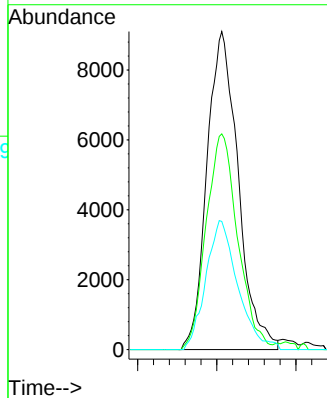
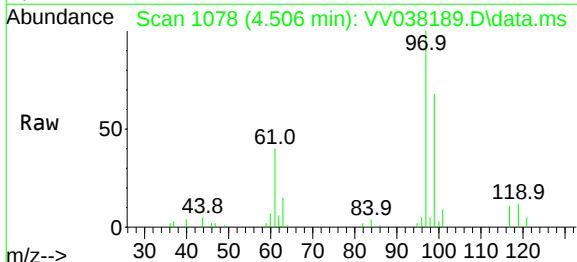
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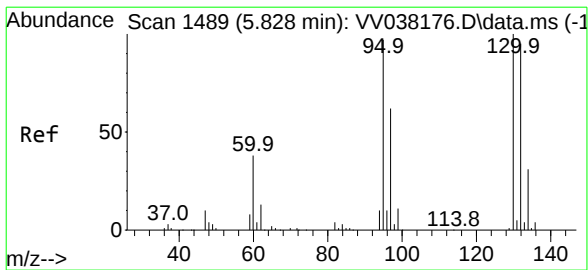
Tgt Ion: 62 Resp: 5931
Ion Ratio Lower Upper
62 100
98 11.1 8.2 12.4



#29
1,1,1-Trichloroethane
Concen: 0.857 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV038189.D
Acq: 19 Nov 2024 20:10

Tgt Ion: 97 Resp: 24952
Ion Ratio Lower Upper
97 100
99 68.8 51.8 77.8
61 41.4 32.2 48.2





#34

Trichloroethene

Concen: 74.235 ug/L

RT: 5.821 min Scan# 14

Delta R.T. -0.006 min

Lab File: VV038189.D

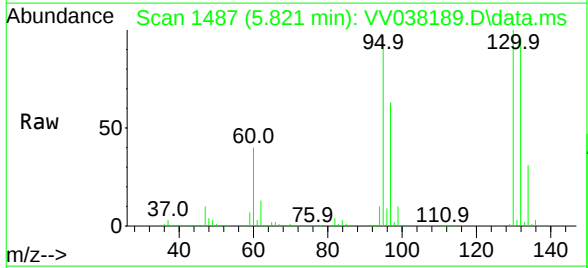
Acq: 19 Nov 2024 20:10

Instrument :

MSVOA_V

ClientSampleId :

BG3J3



Tgt Ion: 95 Resp: 1380485

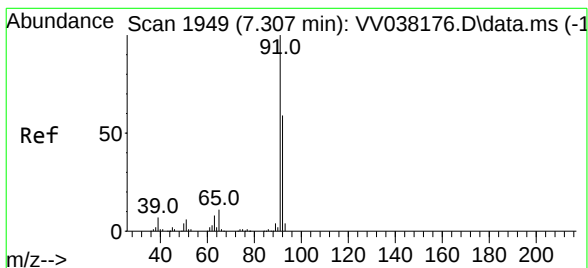
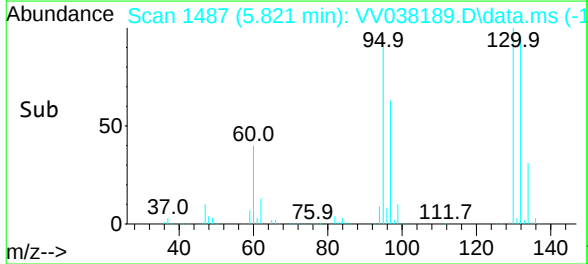
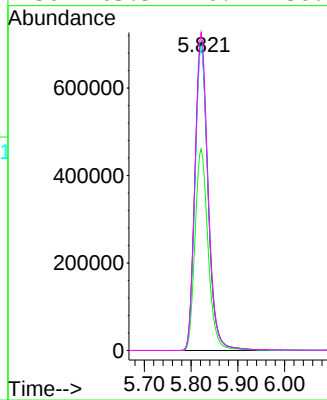
Ion Ratio Lower Upper

95 100

97 65.4 44.8 83.2

132 98.8 68.3 126.8

130 103.3 70.2 130.4



#42

Toluene

Concen: 0.220 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VV038189.D

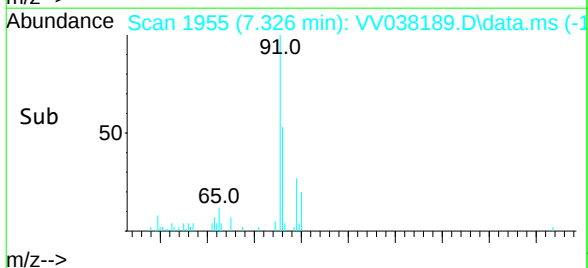
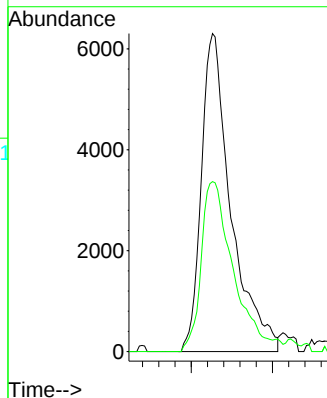
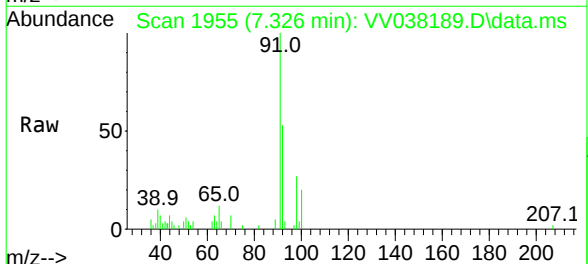
Acq: 19 Nov 2024 20:10

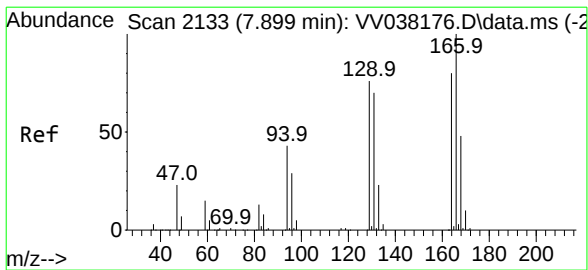
Tgt Ion: 91 Resp: 15921

Ion Ratio Lower Upper

91 100

92 53.4 40.8 75.8





#47
 Tetrachloroethene
 Concen: 36.952 ug/L
 RT: 7.895 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV038189.D
 Acq: 19 Nov 2024 20:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J3

Tgt Ion:	164	Resp:	552181
Ion	Ratio	Lower	Upper
164	100		
129	96.9	68.5	127.1
131	93.1	64.8	120.4
166	128.1	88.3	163.9

