

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038238.D
 Acq On : 21 Nov 2024 13:58
 Operator : SY/MD
 Sample : P4883-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L8

Quant Time: Nov 22 01:45:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

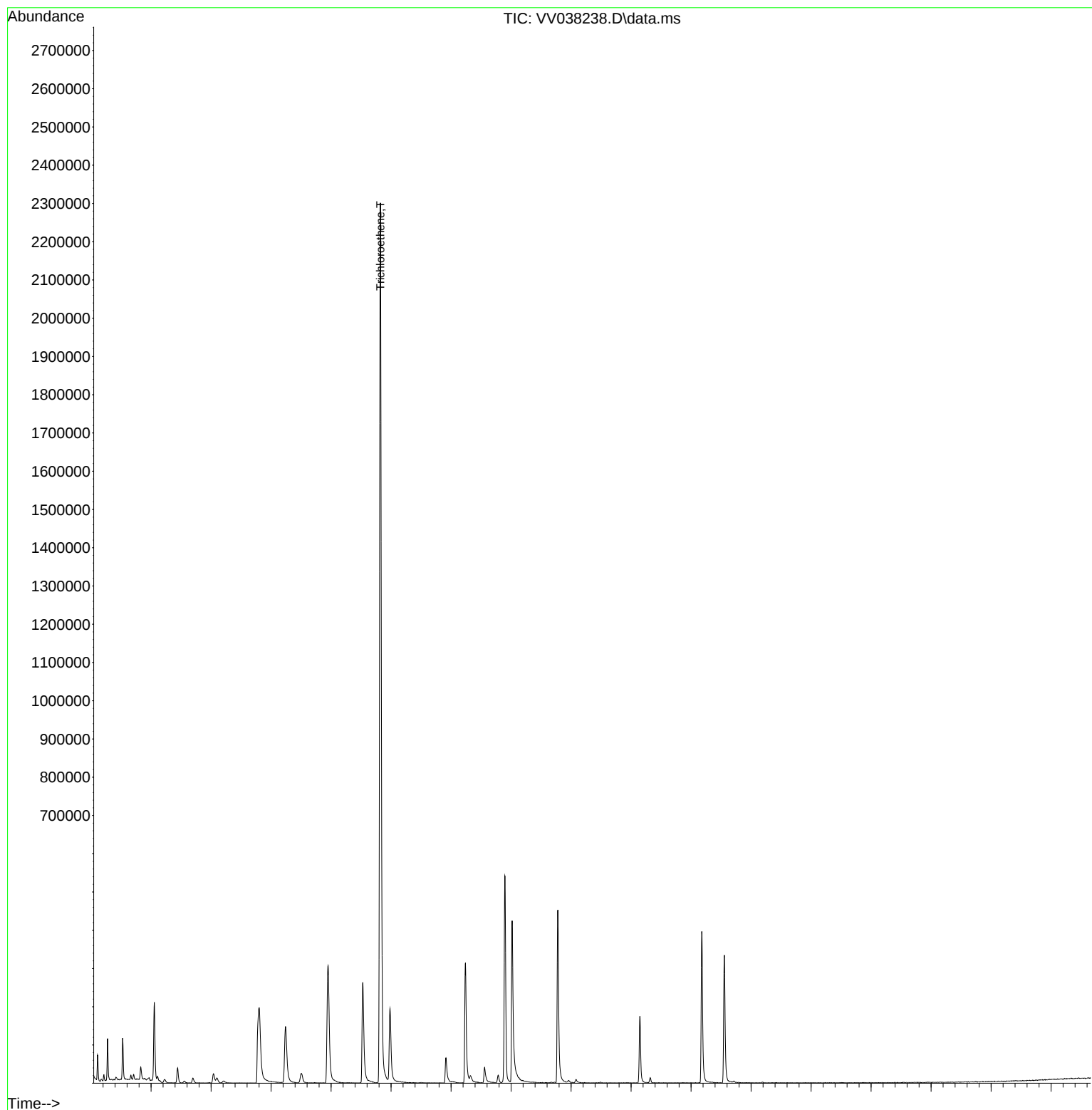
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	253243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	271711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	115660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68184	3.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.526	69	68870	4.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.053	65	32343	3.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.777	46	194812	50.170	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	4.240	84	167608	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.937	65	82302	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.953	84	292005	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	99719	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.240	98	233358	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.558	79	29624	3.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.018	63	155570	49.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	86198	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	96440	4.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
3) Chloromethane	1.211	50	9947	0.482	ug/L	95
9) Trichlorofluoromethane	1.709	101	7470	0.225	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3994	0.210	ug/L #	77
16) Methylene chloride	2.442	84	17108	0.829	ug/L	93
22) cis-1,2-Dichloroethene	3.806	96	79976	4.059	ug/L	93
25) Chloroform	4.278	83	9893	0.267	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	22481	0.690	ug/L	100
34) Trichloroethene	5.822	95	842108	40.475	ug/L	99
47) Tetrachloroethene	7.895	164	125955	7.534	ug/L	98
51) Chlorobenzene	8.818	112	8051	0.145	ug/L	89

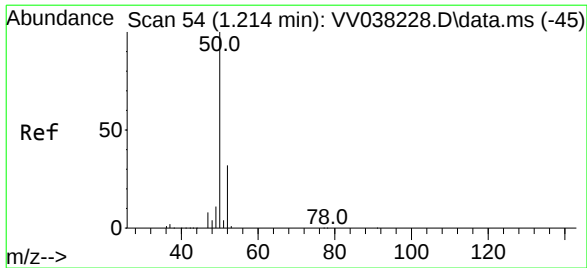
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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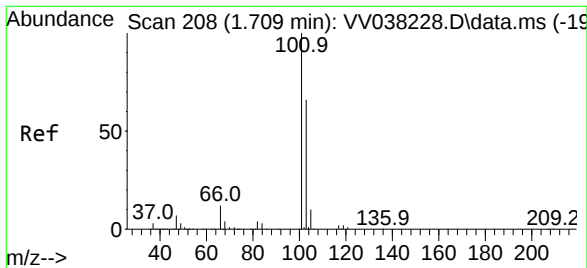
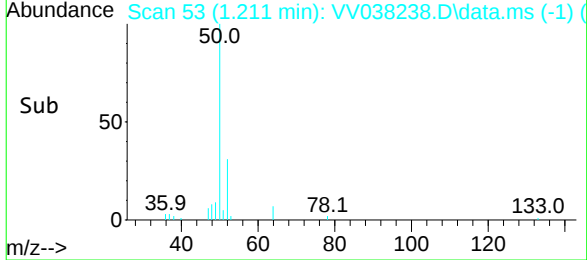
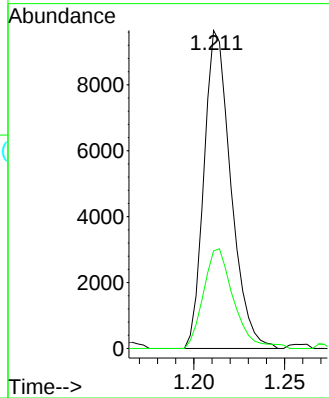
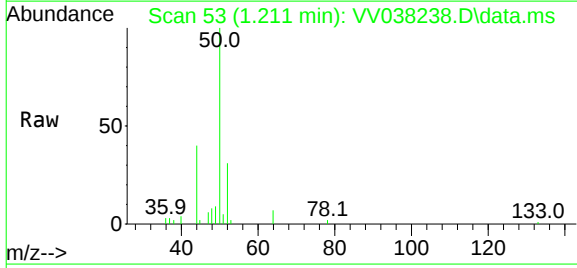




#3
Chloromethane
Concen: 0.482 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.003 min
Lab File: VV038238.D
Acq: 21 Nov 2024 13:58

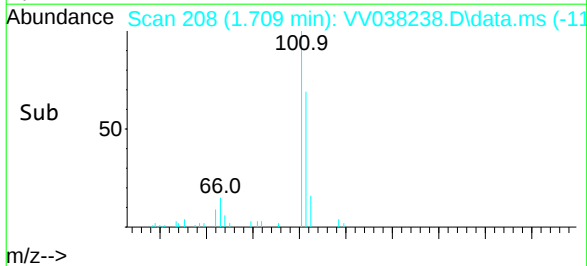
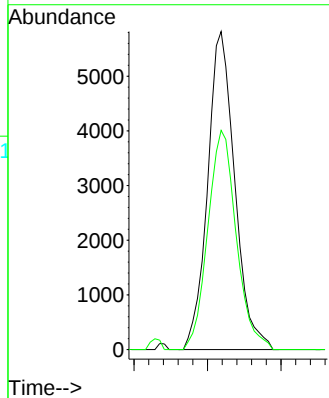
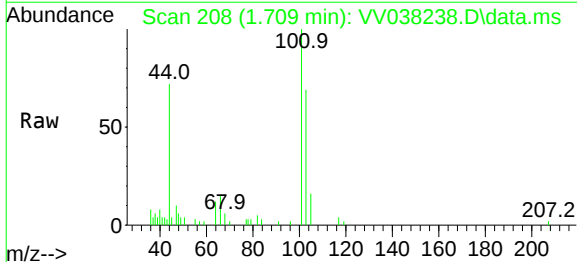
Instrument :
MSVOA_V
ClientSampleId :
BG3L8

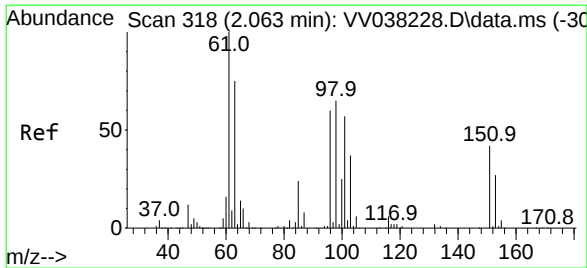
Tgt Ion: 50 Resp: 9947
Ion Ratio Lower Upper
50 100
52 30.7 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.225 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038238.D
Acq: 21 Nov 2024 13:58

Tgt Ion: 101 Resp: 7470
Ion Ratio Lower Upper
101 100
103 72.3 51.5 77.3

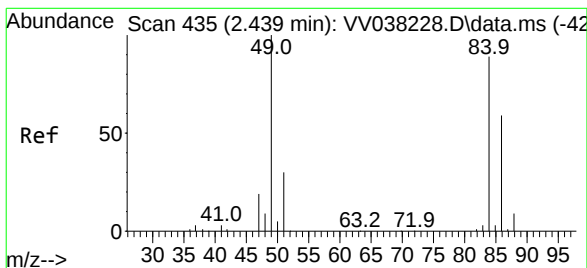
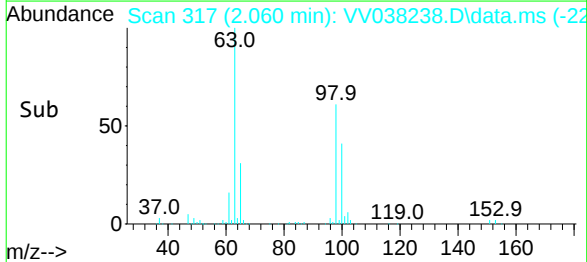
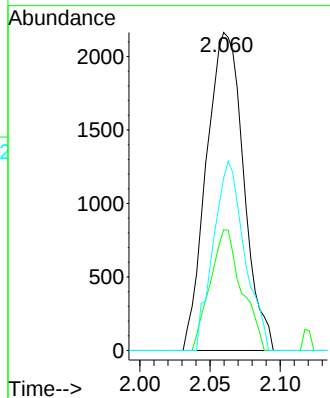
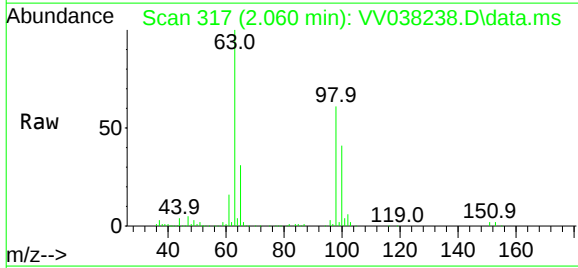




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.210 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038238.D
Acq: 21 Nov 2024 13:58

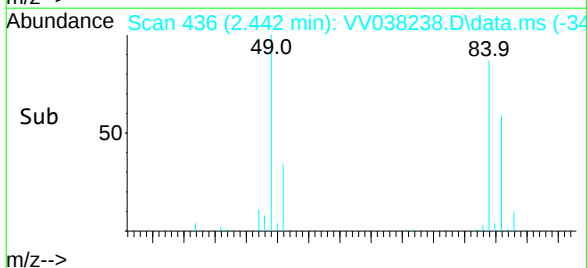
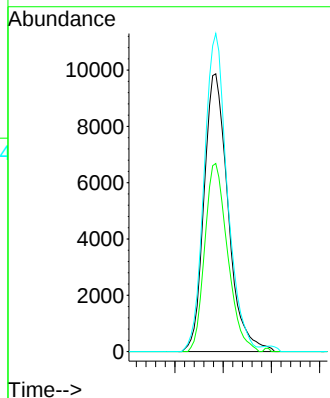
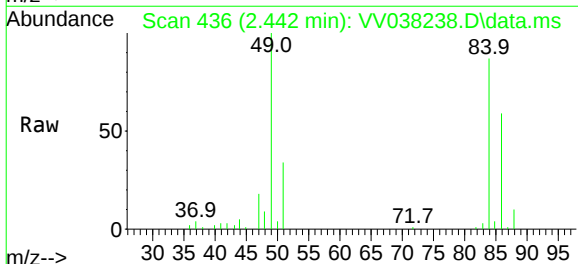
Instrument :
MSVOA_V
ClientSampleId :
BG3L8

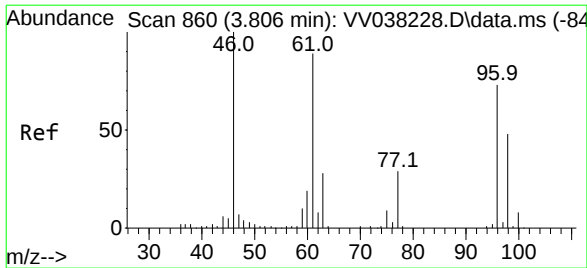
Tgt Ion: 101 Resp: 3994
Ion Ratio Lower Upper
101 100
85 32.1 33.4 50.0#
151 49.8 58.8 88.2#



#16
Methylene chloride
Concen: 0.829 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038238.D
Acq: 21 Nov 2024 13:58

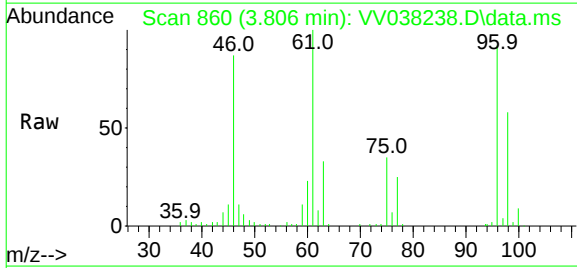
Tgt Ion: 84 Resp: 17108
Ion Ratio Lower Upper
84 100
86 67.7 44.2 82.2
49 114.5 74.9 139.1



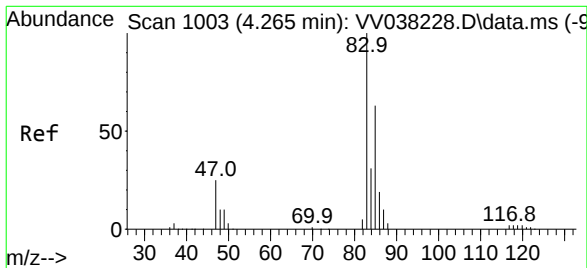
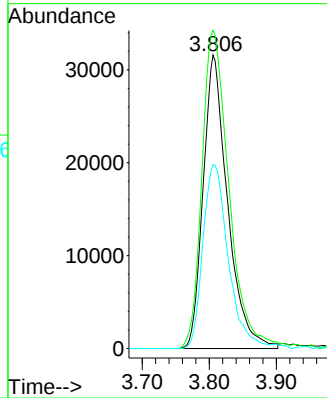
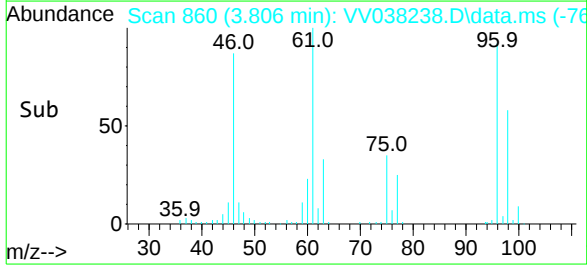


#22
 cis-1,2-Dichloroethene
 Concen: 4.059 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038238.D
 Acq: 21 Nov 2024 13:58

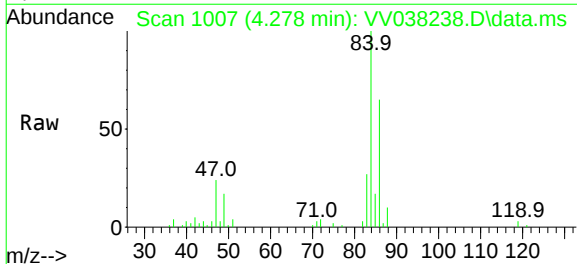
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3L8



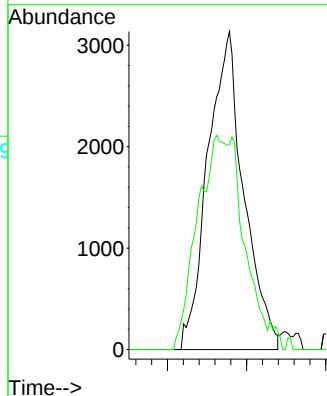
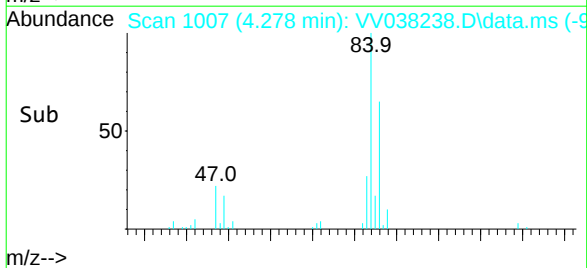
Tgt Ion:	96	Resp:	79976
Ion	Ratio	Lower	Upper
96	100		
61	108.4	82.7	153.5
98	62.6	46.3	85.9

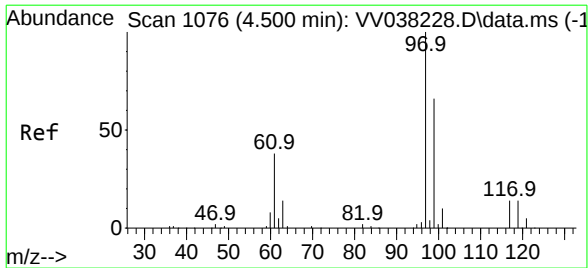


#25
 Chloroform
 Concen: 0.267 ug/L
 RT: 4.278 min Scan# 1007
 Delta R.T. 0.013 min
 Lab File: VV038238.D
 Acq: 21 Nov 2024 13:58



Tgt Ion:	83	Resp:	9893
Ion	Ratio	Lower	Upper
83	100		
85	64.4	46.5	86.3

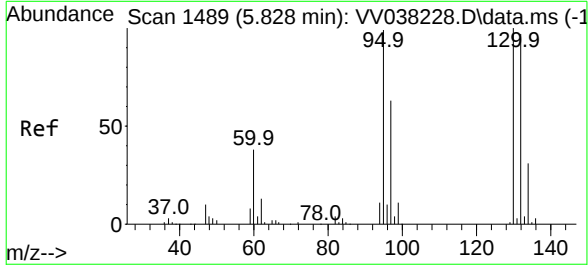
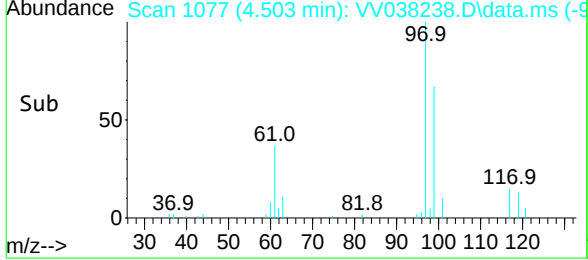
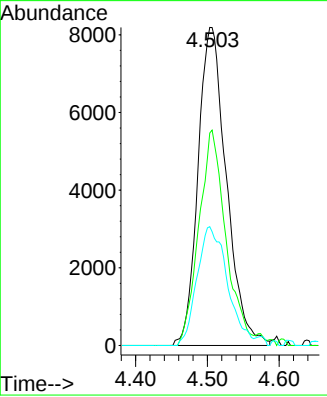
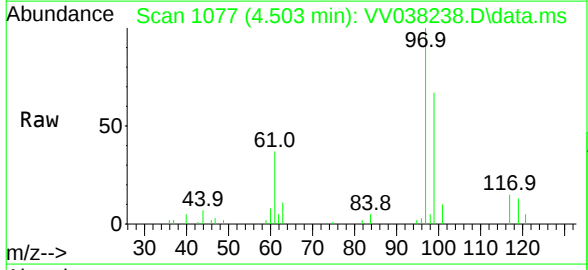




#29
 1,1,1-Trichloroethane
 Concen: 0.690 ug/L
 RT: 4.503 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VV038238.D
 Acq: 21 Nov 2024 13:58

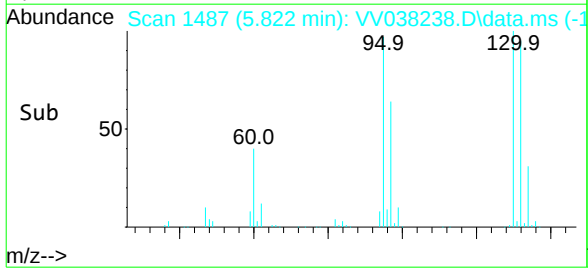
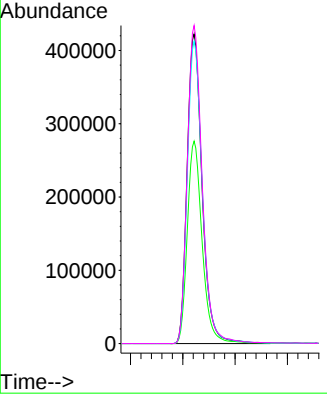
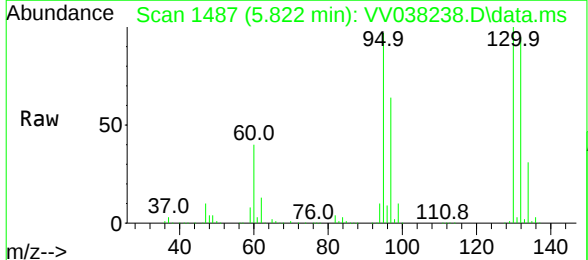
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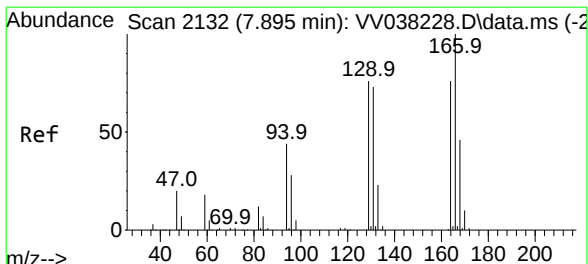
Tgt Ion:	97	Resp:	22481
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	40.0	32.2	48.2



#34
 Trichloroethene
 Concen: 40.475 ug/L
 RT: 5.822 min Scan# 1487
 Delta R.T. -0.006 min
 Lab File: VV038238.D
 Acq: 21 Nov 2024 13:58

Tgt Ion:	95	Resp:	842108
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.8	83.2
132	97.6	68.3	126.8
130	102.7	70.2	130.4

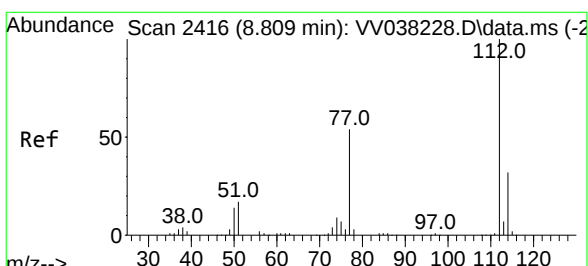
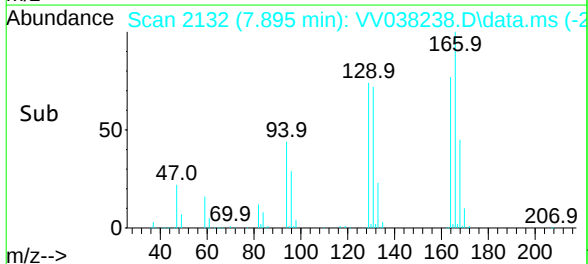
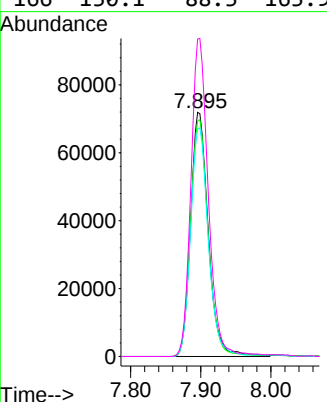
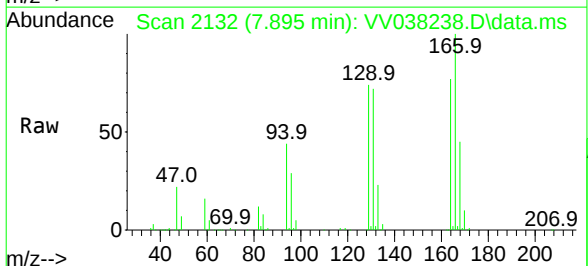




#47
Tetrachloroethene
Concen: 7.534 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038238.D
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ClientSampleId : BG3L8

Tgt Ion:	164	Resp:	125955
Ion Ratio	Lower	Upper	
164	100		
129	96.5	68.5	127.1
131	93.3	64.8	120.4
166	130.1	88.3	163.9



#51
Chlorobenzene
Concen: 0.145 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV038238.D
Acq: 21 Nov 2024 13:58

Tgt Ion:	112	Resp:	8051
Ion Ratio	Lower	Upper	
112	100		
114	25.4	22.0	40.8
77	64.7	45.0	67.4

