

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061953.D
 Acq On : 22 Nov 2024 06:34
 Operator : MD/SY
 Sample : P4904-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG422

Quant Time: Nov 22 07:39:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

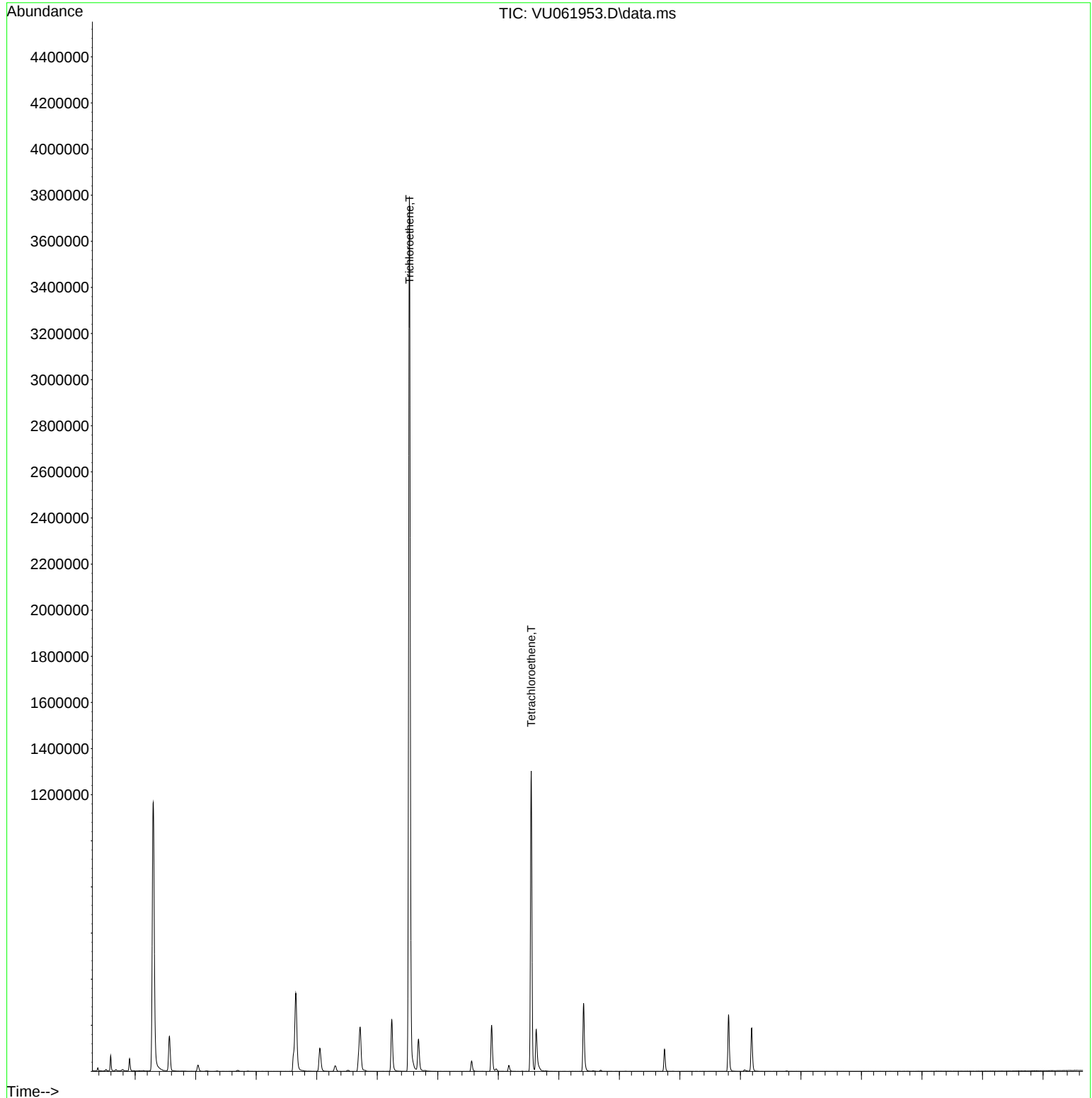
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	184229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45595	5.046	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.907	69	38108	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	21647	5.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.000%
20) 2-Butanone-d5	4.618	46	102526	36.129	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.260%
24) Chloroform-d	5.052	84	94160	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	49888	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.718	84	183340	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	6.682	67	69404	6.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.200%
41) Toluene-d8	7.891	98	142127	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	8.174	79	16847	4.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.624	63	62007	32.816	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48667	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50730	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
2) Dichlorodifluoromethane	1.380	85	7058	0.438	ug/L	99
12) 1,1-Dichloroethene	2.573	96	24462	1.980	ug/L #	57
16) Methylene chloride	3.036	84	14180	0.956	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	174396	11.865	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	18390	0.945	ug/L	98
31) Carbon tetrachloride	5.518	117	3839	0.232	ug/L	88
34) Trichloroethene	6.531	95	1362171	100.055	ug/L	98
47) Tetrachloroethene	8.544	164	283217	28.603	ug/L	98

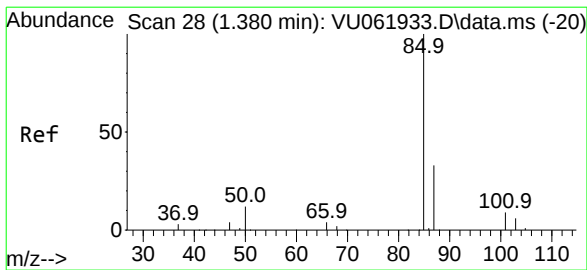
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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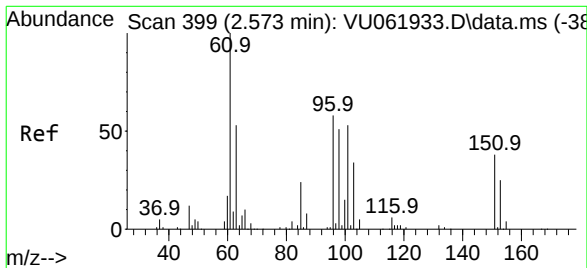
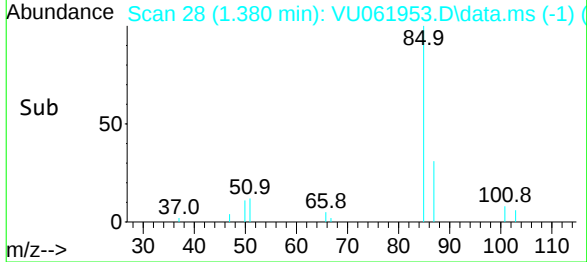
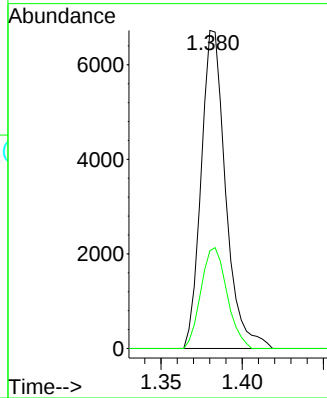
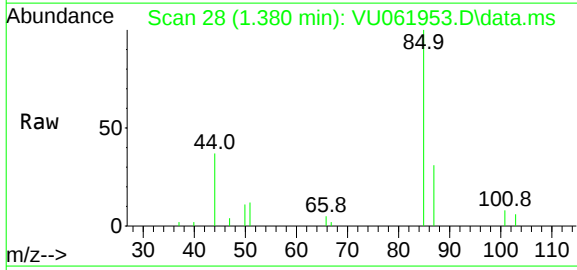




#2
Dichlorodifluoromethane
Concen: 0.438 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU061953.D
Acq: 22 Nov 2024 06:34

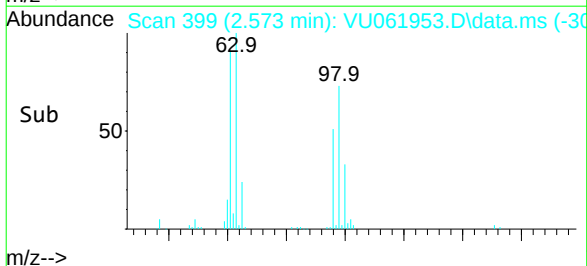
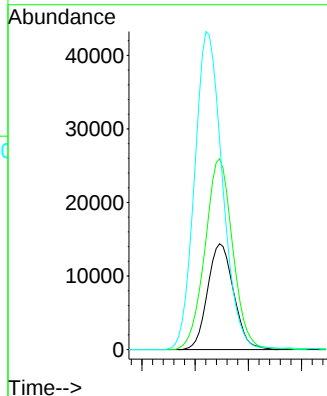
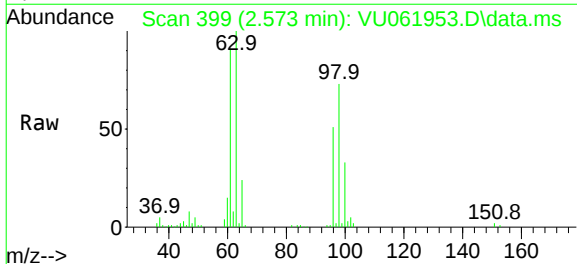
Instrument :
MSVOA_U
ClientSampleId :
BG422

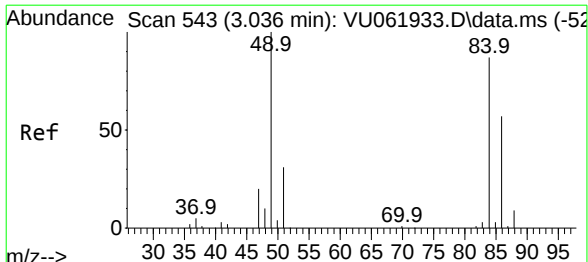
Tgt Ion: 85 Resp: 7058
Ion Ratio Lower Upper
85 100
87 33.7 26.6 40.0



#12
1,1-Dichloroethene
Concen: 1.980 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061953.D
Acq: 22 Nov 2024 06:34

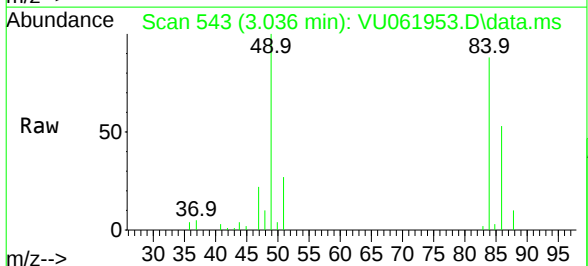
Tgt Ion: 96 Resp: 24462
Ion Ratio Lower Upper
96 100
61 180.3 119.6 222.2
63 197.9 65.0 120.6



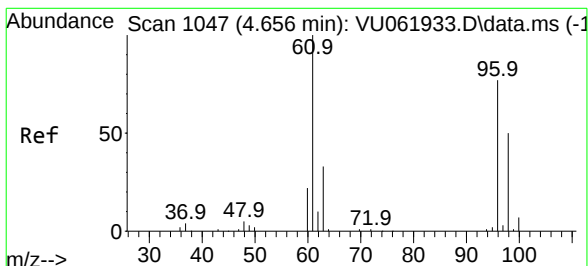
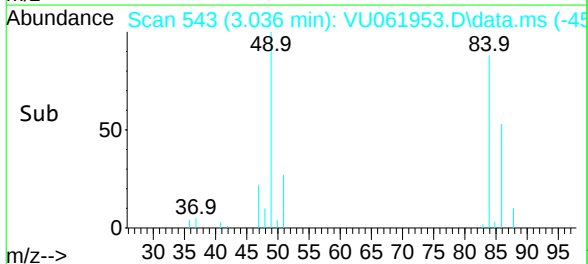
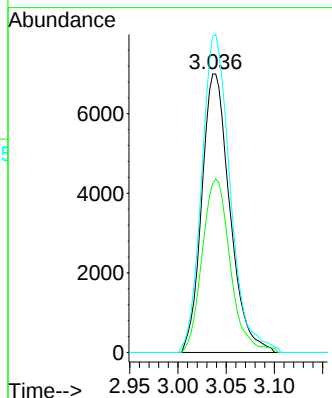


#16
Methylene chloride
Concen: 0.956 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU061953.D
Acq: 22 Nov 2024 06:34

Instrument :
MSVOA_U
ClientSampleId :
BG422

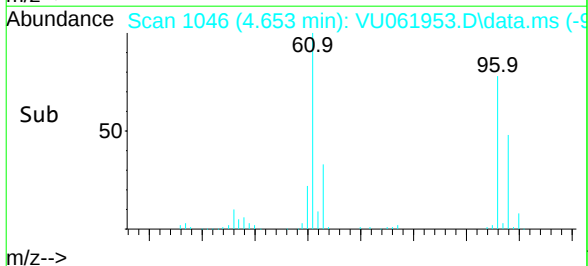
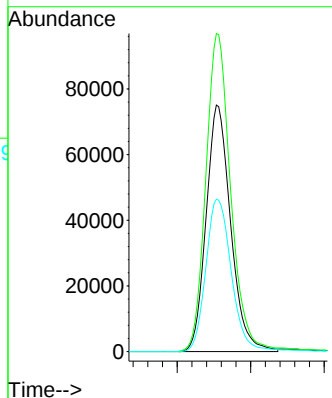
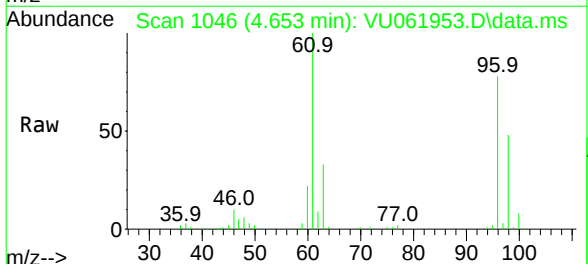


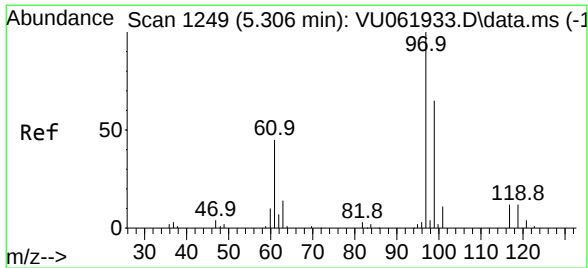
Tgt Ion:	84	Resp:	14180
Ion	Ratio	Lower	Upper
84	100		
86	60.7	43.5	80.7
49	113.6	81.9	152.1



#22
cis-1,2-Dichloroethene
Concen: 11.865 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061953.D
Acq: 22 Nov 2024 06:34

Tgt Ion:	96	Resp:	174396
Ion	Ratio	Lower	Upper
96	100		
61	129.0	92.0	170.8
98	61.8	44.5	82.7

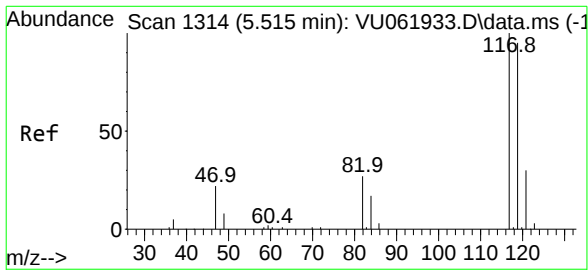
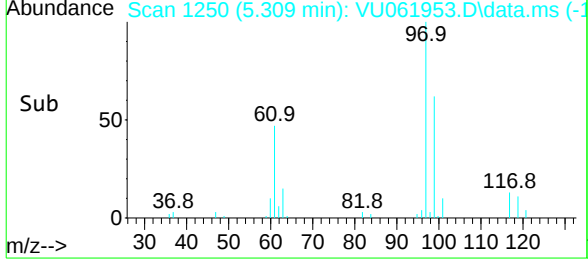
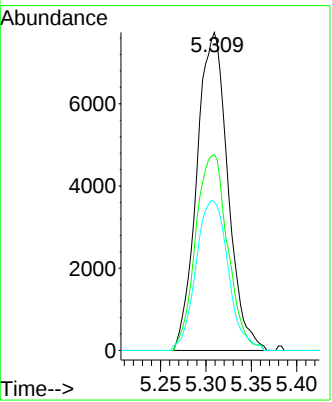
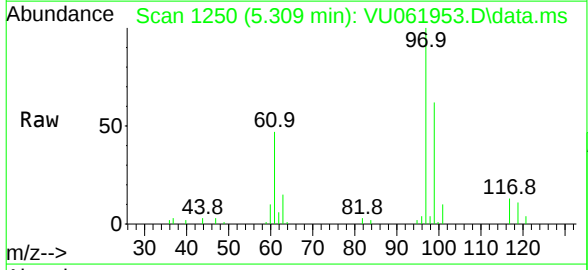




#29
 1,1,1-Trichloroethane
 Concen: 0.945 ug/L
 RT: 5.309 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061953.D
 Acq: 22 Nov 2024 06:34

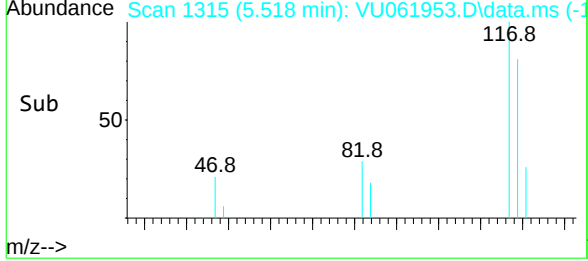
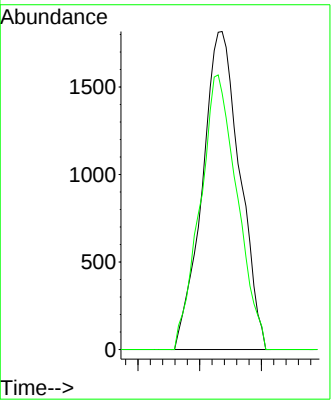
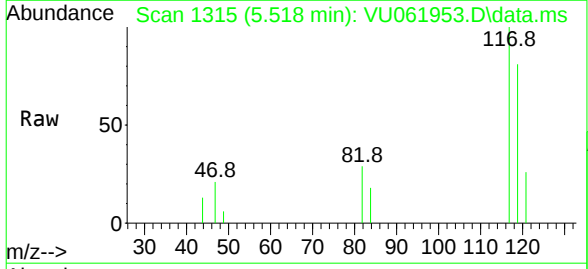
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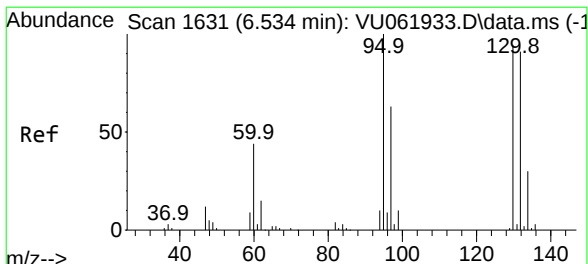
Tgt Ion:	97	Resp:	18390
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	49.0	37.8	56.6



#31
 Carbon tetrachloride
 Concen: 0.232 ug/L
 RT: 5.518 min Scan# 1315
 Delta R.T. 0.003 min
 Lab File: VU061953.D
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Tgt Ion:	117	Resp:	3839
Ion	Ratio	Lower	Upper
117	100		
119	85.3	77.5	116.3



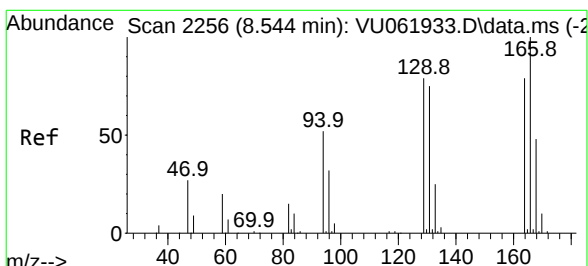
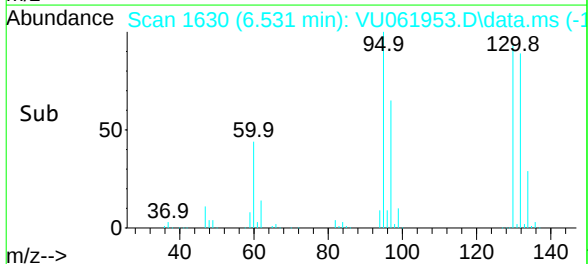
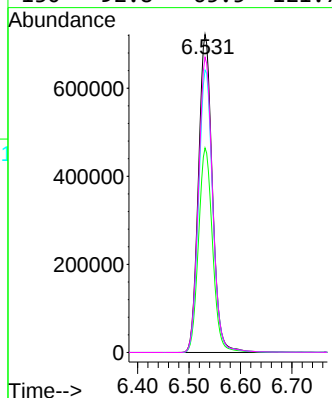
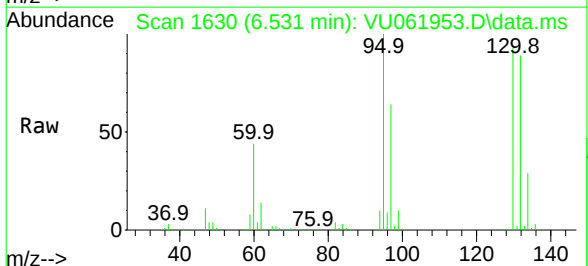


#34
 Trichloroethene
 Concen: 100.055 ug/L
 RT: 6.531 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU061953.D
 Acq: 22 Nov 2024 06:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BG422

Tgt Ion: 95 Resp: 1362171

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.9	85.3
132	88.8	63.8	118.4
130	92.8	65.5	121.7



#47
 Tetrachloroethene
 Concen: 28.603 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU061953.D
 Acq: 22 Nov 2024 06:34

Tgt Ion: 164 Resp: 283217

Ion	Ratio	Lower	Upper
164	100		
129	104.1	73.2	136.0
131	98.9	72.3	134.3
166	128.6	90.2	167.4

