

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061947.D
 Acq On : 22 Nov 2024 04:06
 Operator : MD/SY
 Sample : P4904-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG416

Quant Time: Nov 22 04:52:28 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)

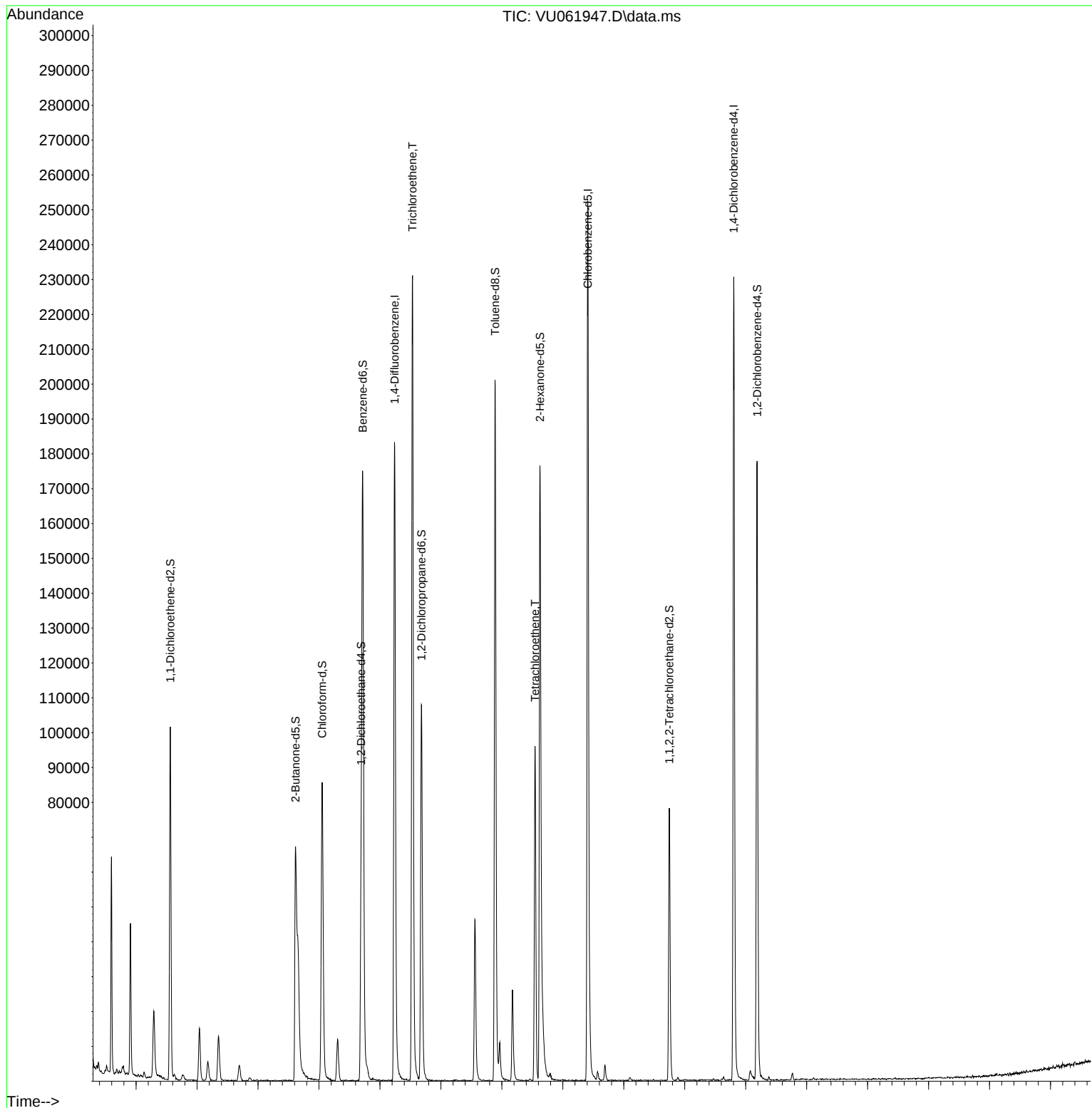
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42649	5.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.908	69	32473	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	19424	6.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.200%#
20) 2-Butanone-d5	4.615	46	98395	40.652	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.300%
24) Chloroform-d	5.052	84	84365	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	44025	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.718	84	171029	6.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.800%
36) 1,2-Dichloropropane-d6	6.679	67	55830	5.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.000%
41) Toluene-d8	7.888	98	142218	6.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.400%
43) trans-1,3-Dichloroprop...	8.174	79	16787	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.624	63	61983	38.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41102	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50137	5.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
16) Methylene chloride	3.036	84	7723	0.610	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	4378	0.393	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	14558	1.161	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	8790	0.529	ug/L	97
34) Trichloroethene	6.534	95	85948	7.398	ug/L	99
47) Tetrachloroethene	8.544	164	21381	2.531	ug/L	97
51) Chlorobenzene	9.441	112	6552	0.209	ug/L	95

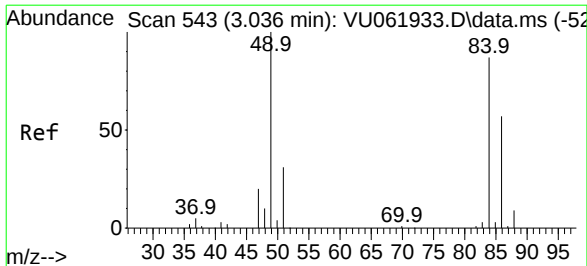
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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BG416

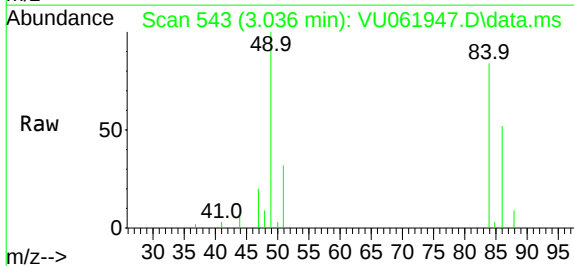
Quant Time: Nov 22 04:52:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
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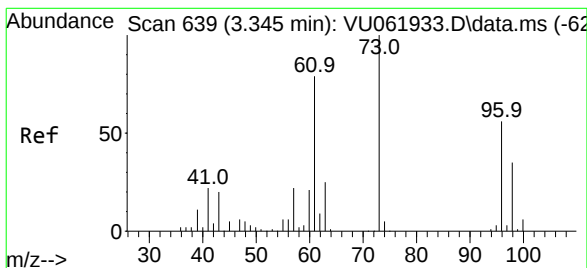
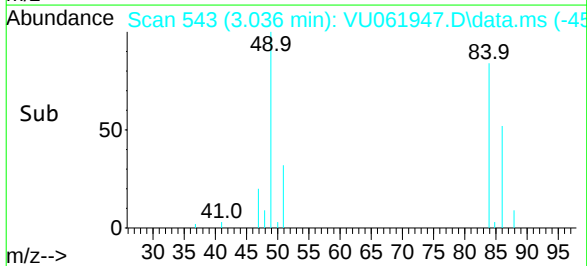
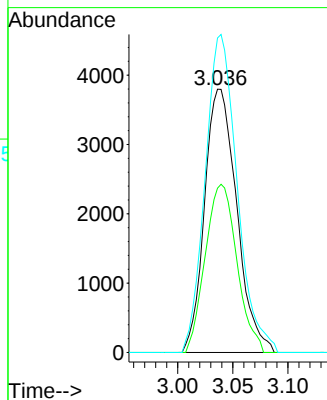


#16
Methylene chloride
Concen: 0.610 ug/L
RT: 3.036 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU061947.D
Acq: 22 Nov 2024 04:06

Instrument :
MSVOA_U
ClientSampleId :
BG416

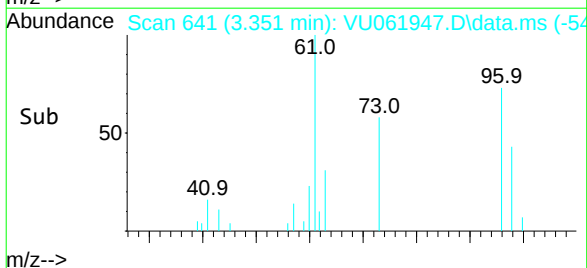
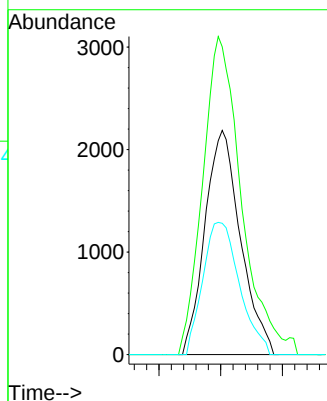
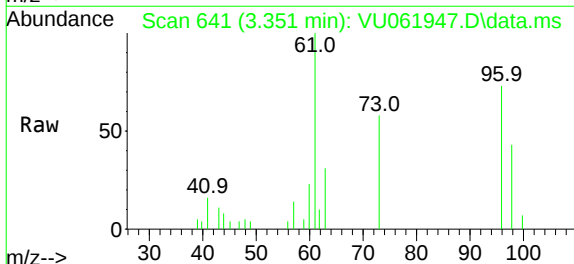


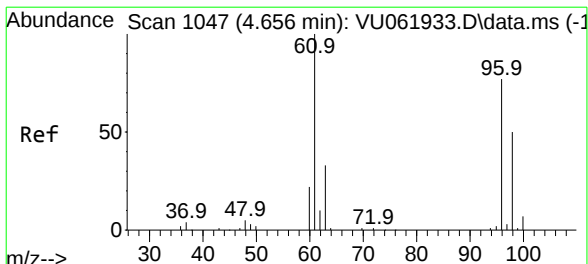
Tgt Ion:	84	Resp:	7723
Ion	Ratio	Lower	Upper
84	100		
86	62.4	43.5	80.7
49	119.5	81.9	152.1



#18
trans-1,2-Dichloroethene
Concen: 0.393 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU061947.D
Acq: 22 Nov 2024 04:06

Tgt Ion:	96	Resp:	4378
Ion	Ratio	Lower	Upper
96	100		
61	137.3	104.2	193.4
98	58.6	45.7	84.9

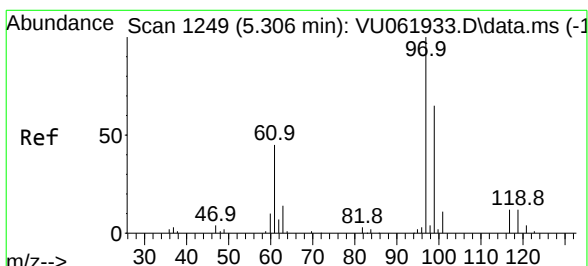
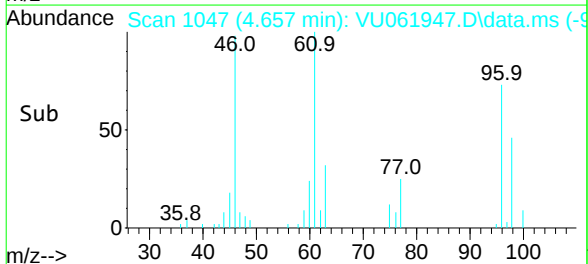
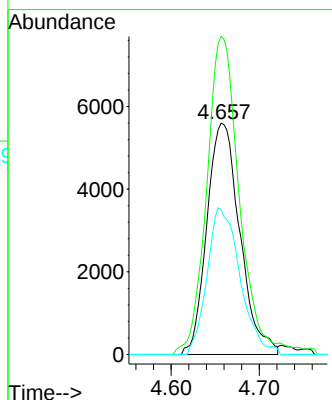
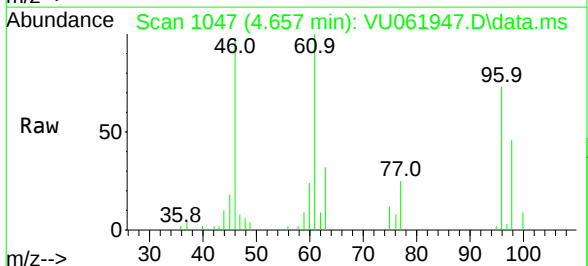




#22
 cis-1,2-Dichloroethene
 Concen: 1.161 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061947.D
 Acq: 22 Nov 2024 04:06

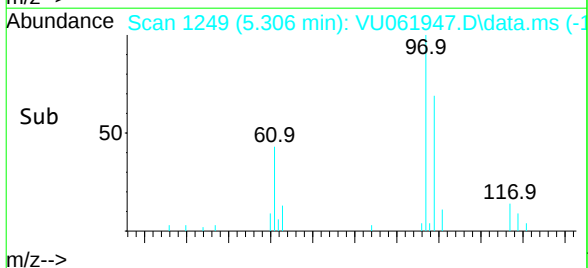
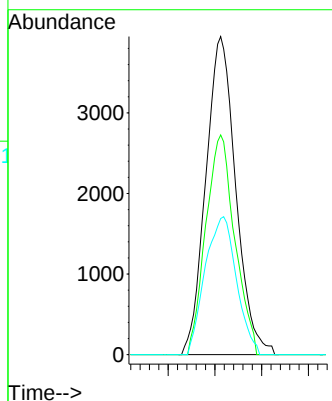
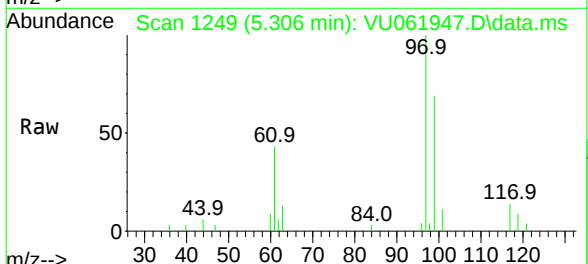
Instrument :
 MSVOA_U
 ClientSampleId :
 BG416

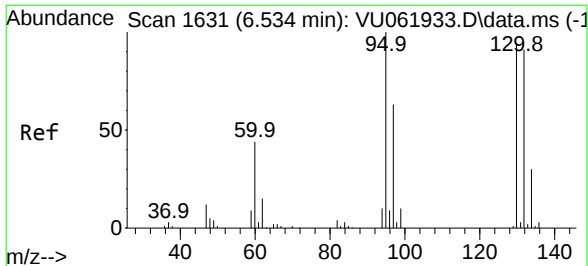
Tgt Ion: 96	Resp: 14558
Ion Ratio	Lower Upper
96 100	
61 137.5	92.0 170.8
98 62.6	44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.529 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061947.D
 Acq: 22 Nov 2024 04:06

Tgt Ion: 97	Resp: 8790
Ion Ratio	Lower Upper
97 100	
99 66.8	51.4 77.2
61 45.4	37.8 56.6

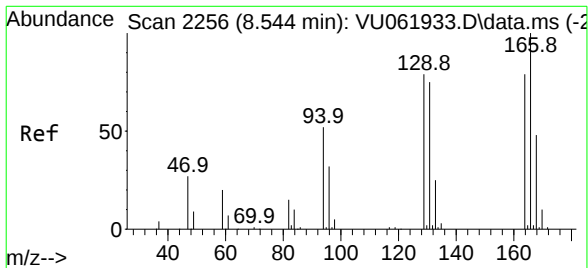
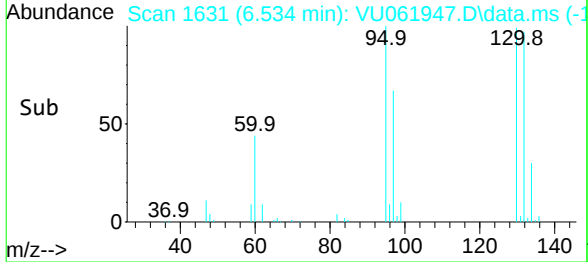
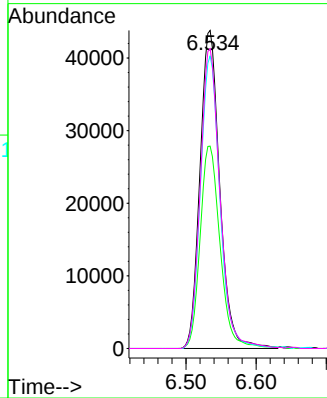
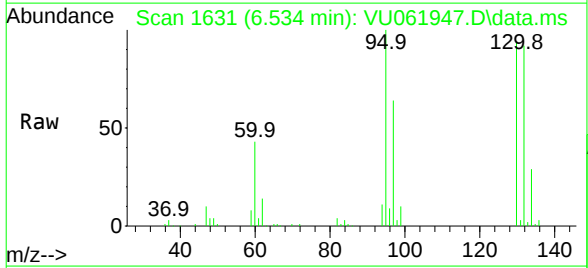




#34
Trichloroethene
Concen: 7.398 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061947.D
Acq: 22 Nov 2024 04:06

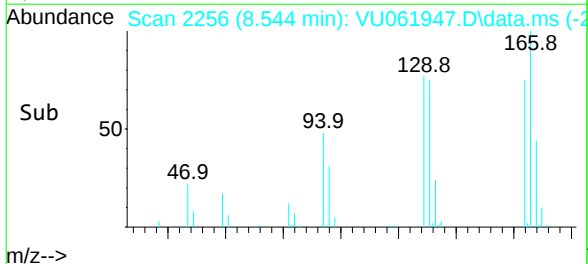
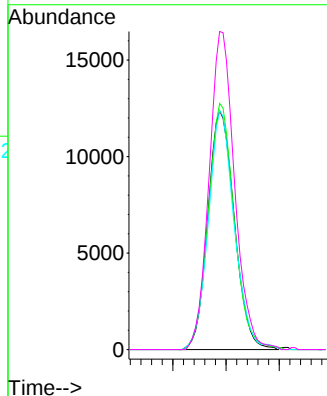
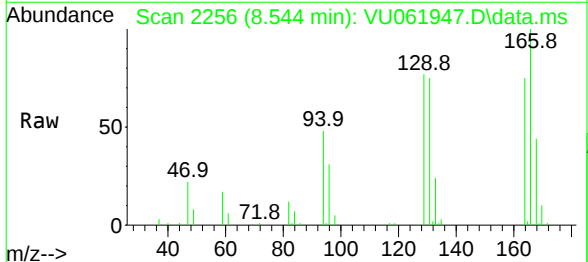
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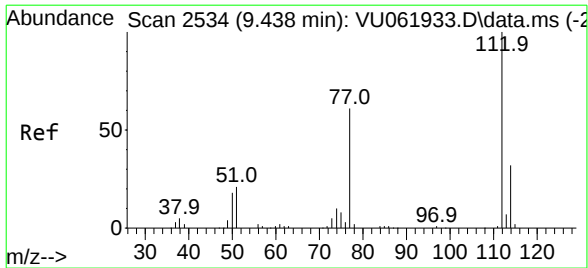
Tgt Ion:	95	Resp:	85948
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.9	85.3
132	92.0	63.8	118.4
130	94.2	65.5	121.7



#47
Tetrachloroethene
Concen: 2.531 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061947.D
Acq: 22 Nov 2024 04:06

Tgt Ion:	164	Resp:	21381
Ion	Ratio	Lower	Upper
164	100		
129	103.0	73.2	136.0
131	100.2	72.3	134.3
166	133.2	90.2	167.4





#51
 Chlorobenzene
 Concen: 0.209 ug/L
 RT: 9.441 min Scan# 25
 Delta R.T. 0.003 min
 Lab File: VU061947.D
 Acq: 22 Nov 2024 04:06

Instrument :
 MSVOA_U
 ClientSampleId :
 BG416

Tgt Ion:	112	Resp:	6552
Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.0	42.6
77	67.8	50.5	75.7

