

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111124\
 Data File : VU061588.D
 Acq On : 11 Nov 2024 17:30
 Operator : MD/SY
 Sample : P4748-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP73

Quant Time: Nov 12 03:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 03:43:56 2024
 Response via : Initial Calibration

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

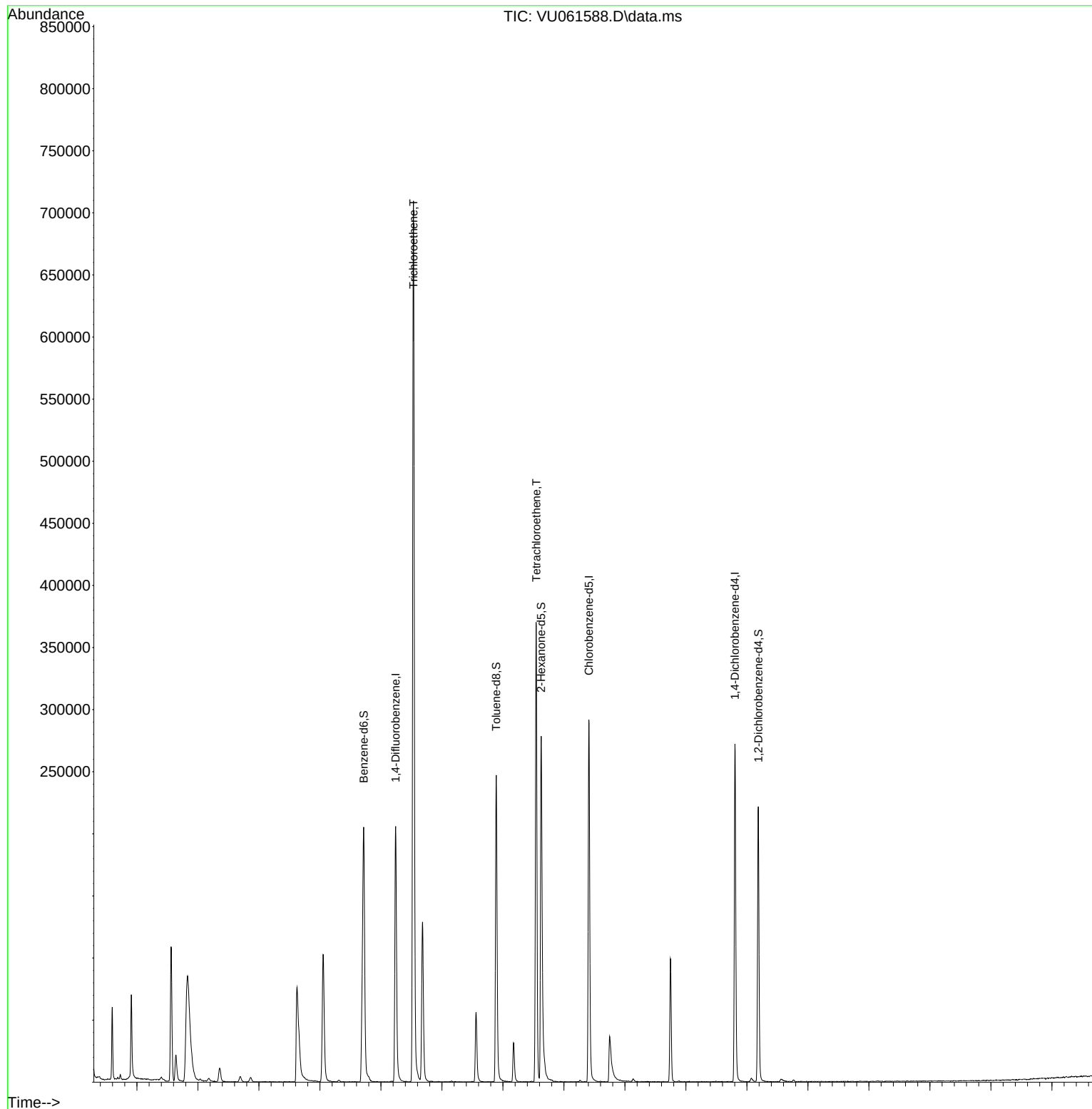
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	173278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40234	3.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.907	69	46797	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	19998	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.621	46	118328	47.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	5.052	84	98458	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	51684	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.717	84	202369	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.682	67	63728	4.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	176855	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.174	79	19411	3.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.627	63	102877	41.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49204	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	59963	4.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	2363	0.221	ug/L	# 1
13) Acetone	2.637	43	27989	17.724	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	13290	0.459	ug/L	96
19) 1,1-Dichloroethane	3.862	63	4686	0.210	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	9187	0.681	ug/L	95
34) Trichloroethene	6.534	95	251169	17.230	ug/L	99
47) Tetrachloroethene	8.547	164	80793	7.935	ug/L	98

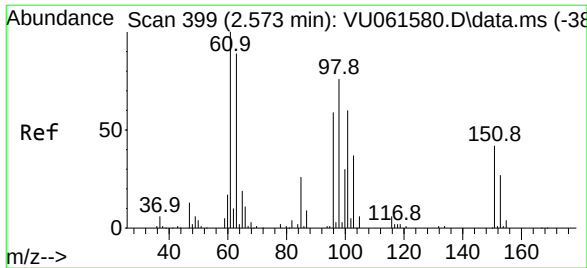
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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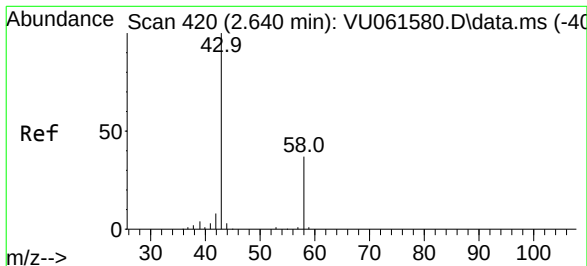
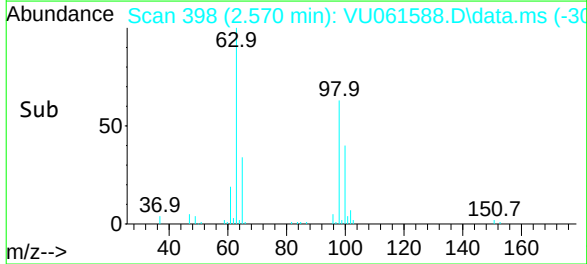
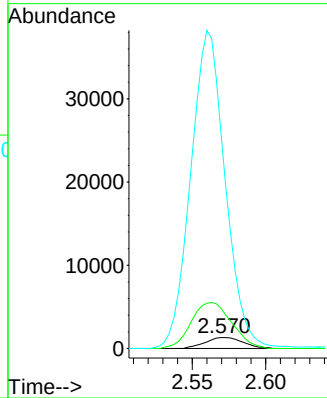
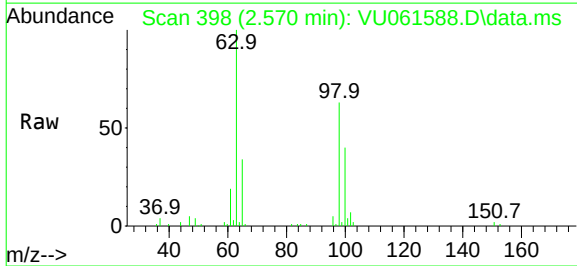




#12
1,1-Dichloroethene
Concen: 0.221 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

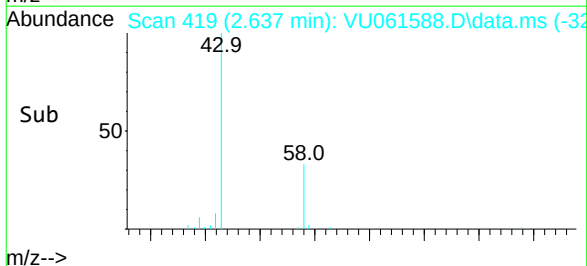
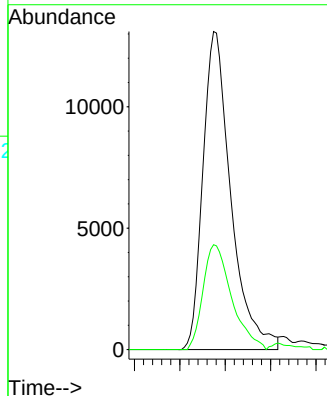
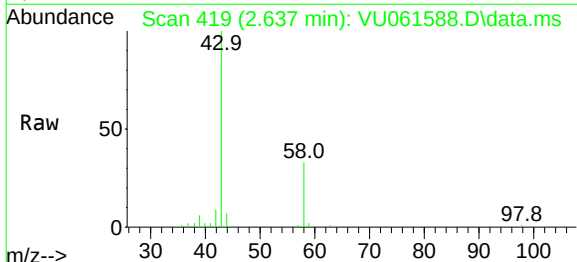
Instrument :
MSVOA_U
ClientSampleId :
GCP73

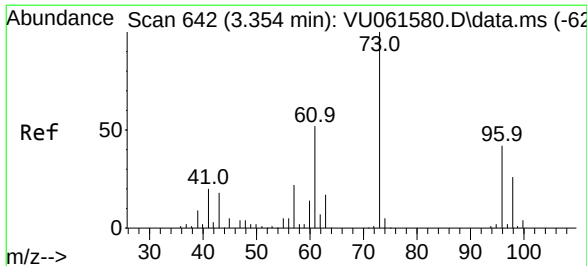
Tgt Ion: 96 Resp: 2363
Ion Ratio Lower Upper
96 100
61 366.7 119.1 221.1#
63 1962.7 89.4 166.0#



#13
Acetone
Concen: 17.724 ug/L
RT: 2.637 min Scan# 419
Delta R.T. -0.003 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

Tgt Ion: 43 Resp: 27989
Ion Ratio Lower Upper
43 100
58 33.8 0.0 73.2

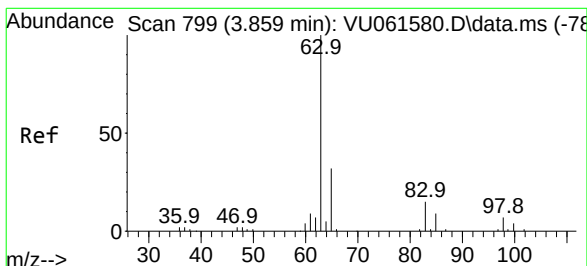
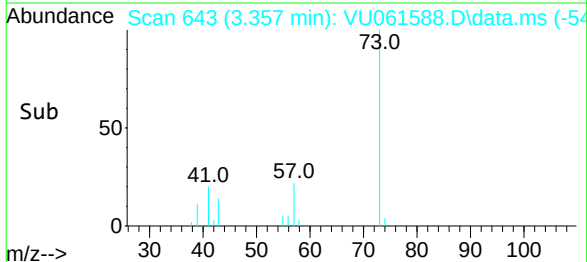
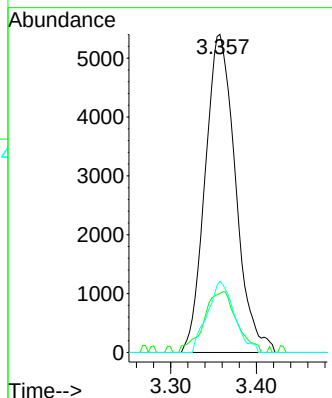
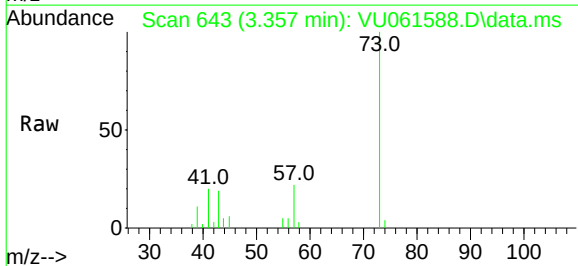




#17
Methyl tert-butyl Ether
Concen: 0.459 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

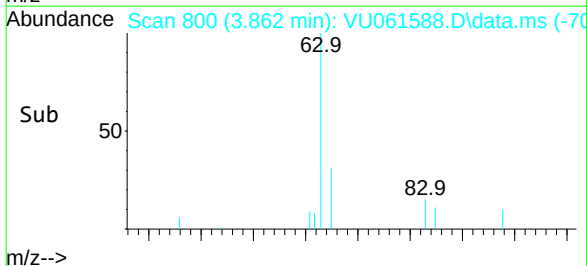
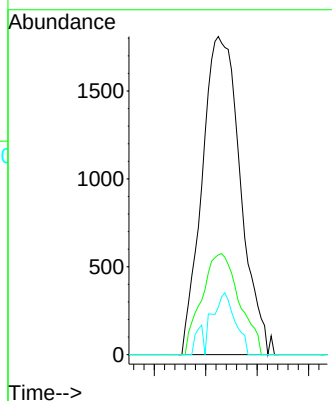
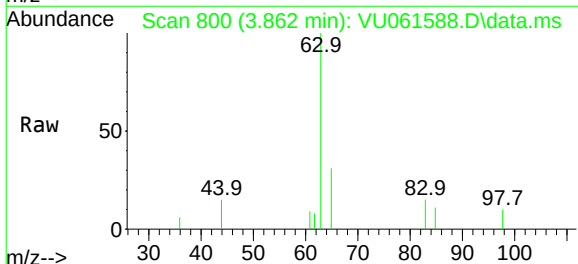
Instrument :
MSVOA_U
ClientSampleId :
GCP73

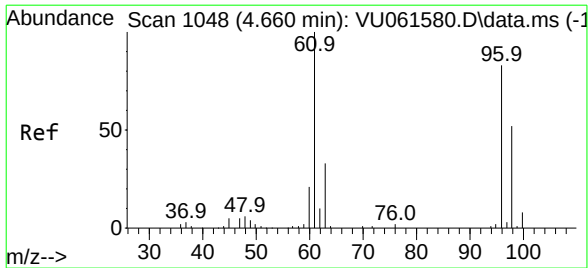
Tgt Ion: 73 Resp: 13290
Ion Ratio Lower Upper
73 100
43 20.8 15.0 22.4
57 19.9 17.0 25.6



#19
1,1-Dichloroethane
Concen: 0.210 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

Tgt Ion: 63 Resp: 4686
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.6
83 14.9 9.7 17.9

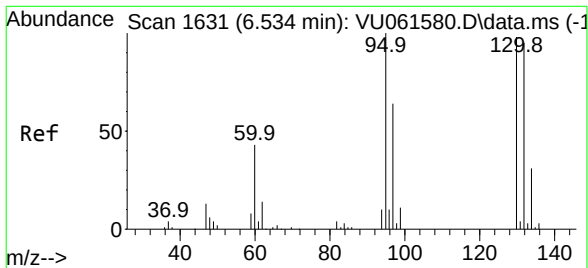
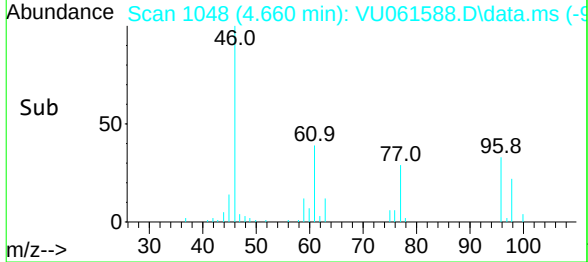
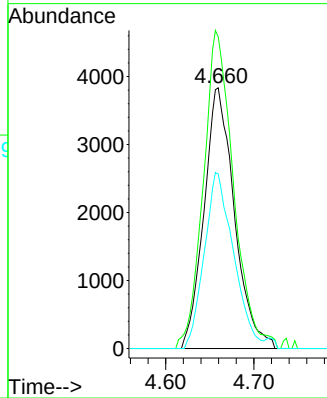
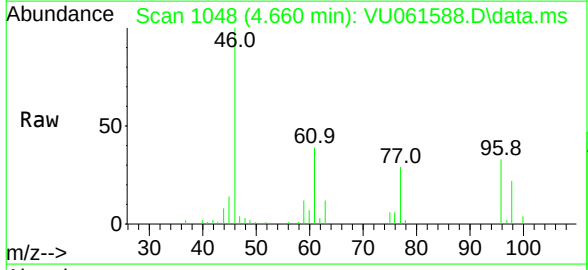




#22
 cis-1,2-Dichloroethene
 Concen: 0.681 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU061588.D
 Acq: 11 Nov 2024 17:30

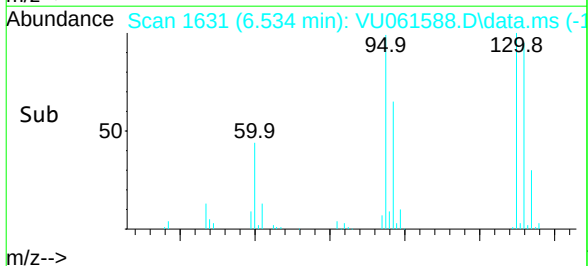
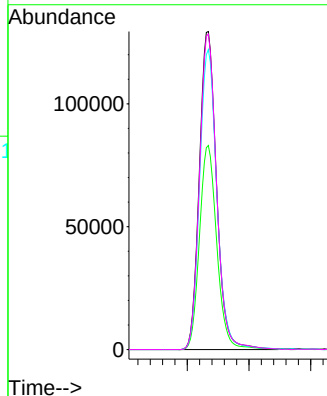
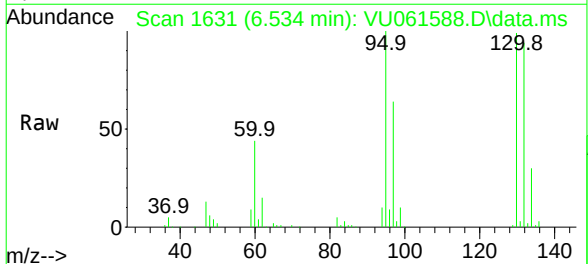
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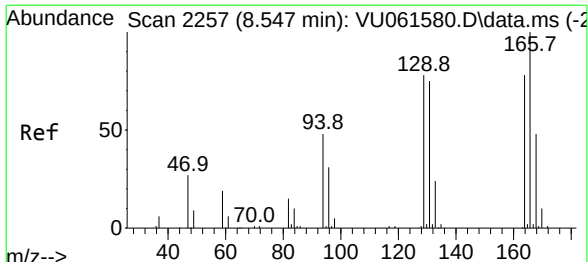
Tgt Ion: 96	Resp: 9187
Ion Ratio	Lower Upper
96 100	
61 119.5	88.1 163.5
98 67.0	45.0 83.6



#34
 Trichloroethene
 Concen: 17.230 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU061588.D
 Acq: 11 Nov 2024 17:30

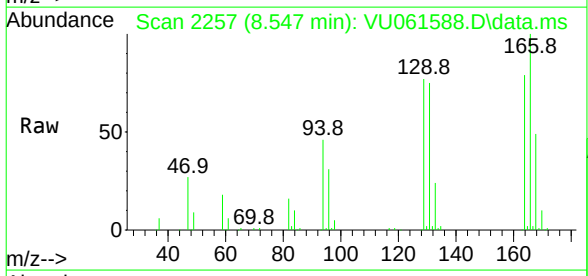
Tgt Ion: 95	Resp: 251169
Ion Ratio	Lower Upper
95 100	
97 64.2	46.1 85.7
132 94.3	66.1 122.7
130 99.2	69.0 128.2





#47
 Tetrachloroethene
 Concen: 7.935 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: VU061588.D
 Acq: 11 Nov 2024 17:30

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Tgt Ion:	164	Resp:	80793
Ion	Ratio	Lower	Upper
164	100		
129	97.5	69.9	129.7
131	95.2	68.3	126.8
166	127.2	88.8	165.0

