

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061572.D
 Acq On : 09 Nov 2024 02:11
 Operator : MD/SY
 Sample : P4748-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP70

Quant Time: Nov 11 00:10:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

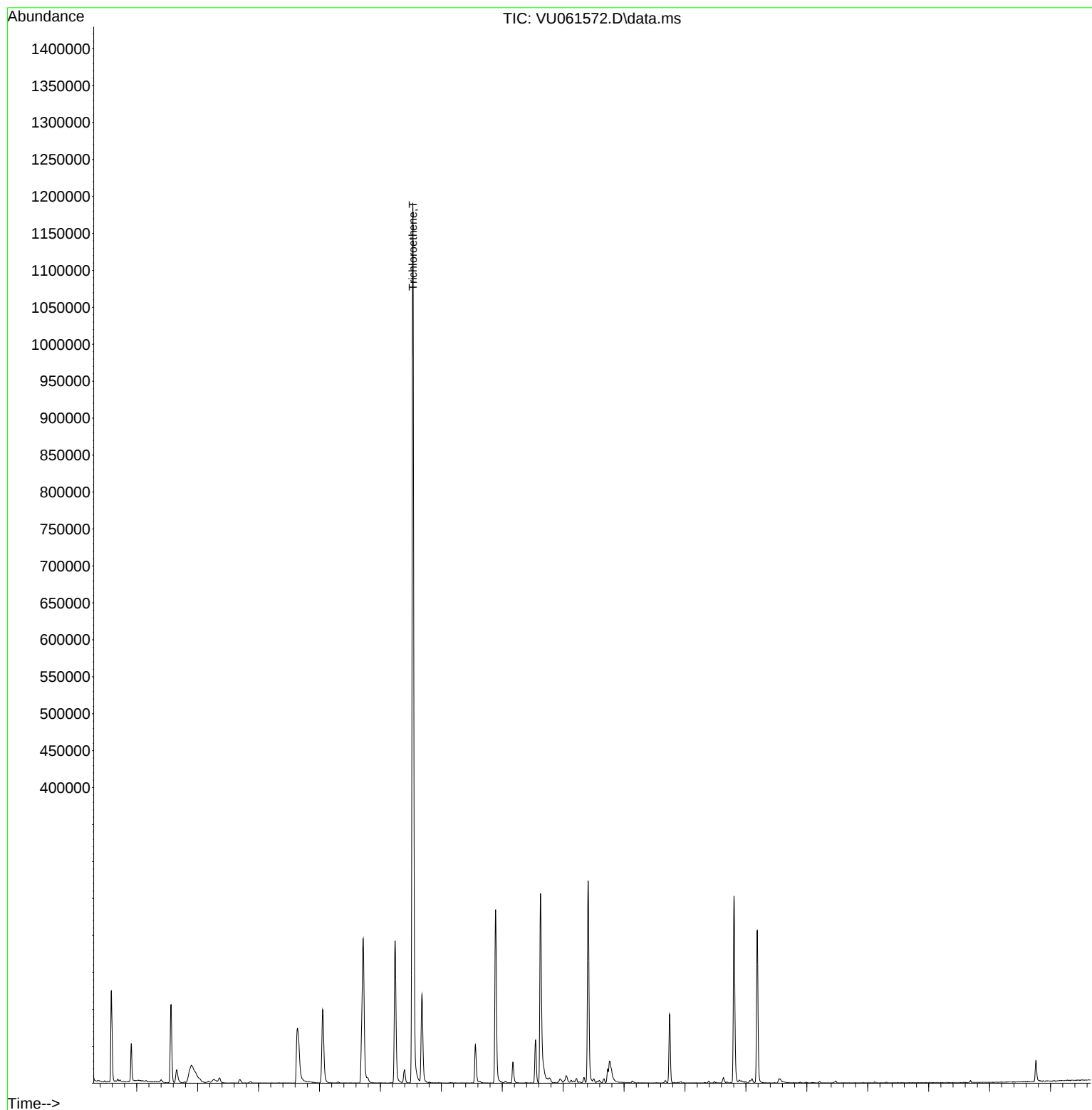
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39782	3.455	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.911	69	38304	3.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	18577	3.770	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.634	46	107034	45.779	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.560%
24) Chloroform-d	5.052	84	94297	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	48815	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	189106	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	59231	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.891	98	168583	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	17853	3.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.627	63	93629	41.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45538	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57484	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	4727	0.472	ug/L #	1
13) Acetone	2.653	43	27848	18.805	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	6908	0.254	ug/L #	92
22) cis-1,2-Dichloroethene	4.660	96	15497	1.224	ug/L	97
25) Chloroform	5.075	83	5211	0.237	ug/L	97
27) 1,2-Dichloroethane	5.798	62	3876	0.279	ug/L #	89
34) Trichloroethene	6.531	95	416578	31.024	ug/L	100
47) Tetrachloroethene	8.547	164	12792	1.364	ug/L	92

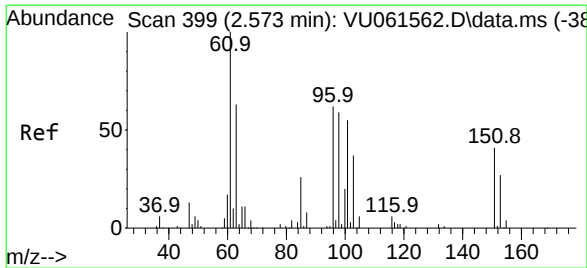
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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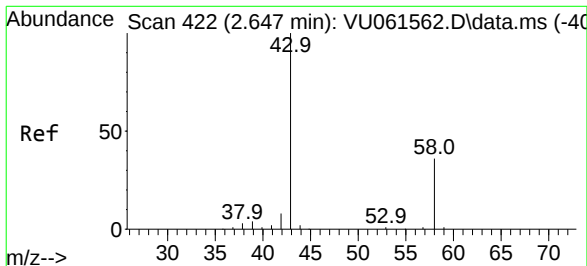
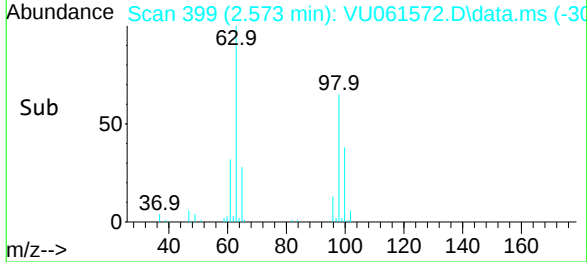
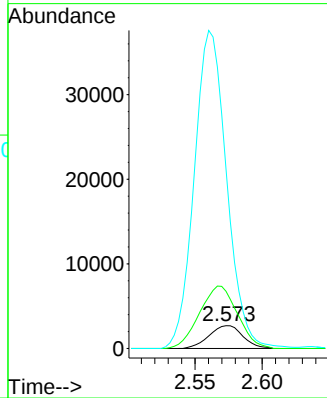
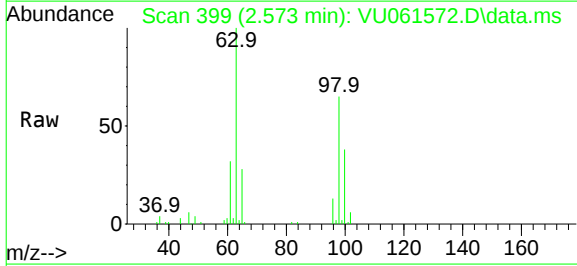




#12
1,1-Dichloroethene
Concen: 0.472 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061572.D
Acq: 09 Nov 2024 02:11

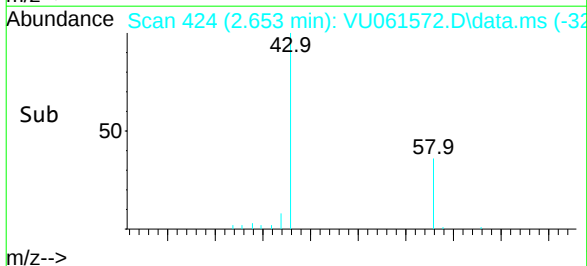
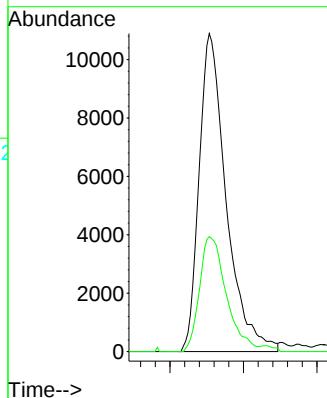
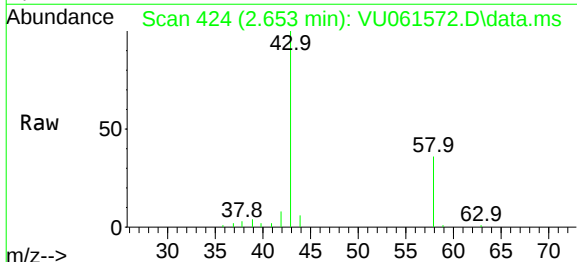
Instrument :
MSVOA_U
ClientSampleId :
GCP70

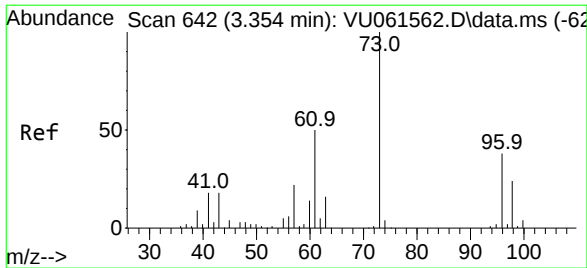
Tgt Ion: 96 Resp: 4727
Ion Ratio Lower Upper
96 100
61 251.3 119.1 221.1#
63 789.0 89.4 166.0#



#13
Acetone
Concen: 18.805 ug/L
RT: 2.653 min Scan# 424
Delta R.T. 0.007 min
Lab File: VU061572.D
Acq: 09 Nov 2024 02:11

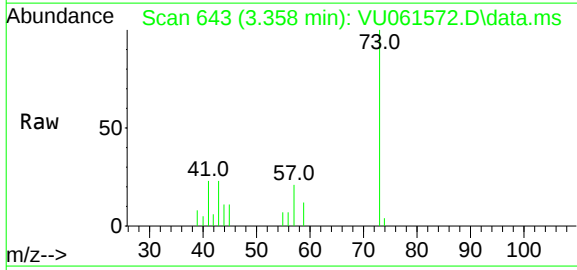
Tgt Ion: 43 Resp: 27848
Ion Ratio Lower Upper
43 100
58 35.8 0.0 73.2



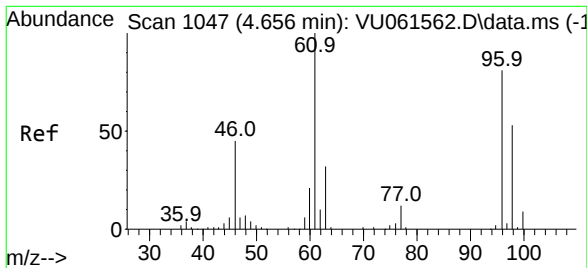
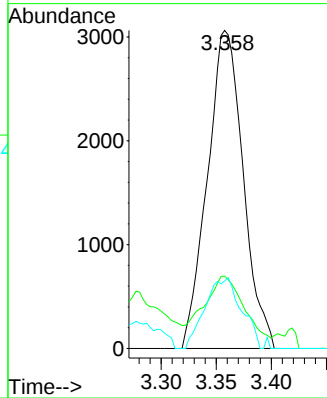
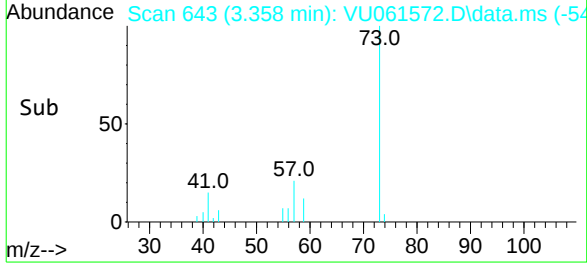


Methyl tert-butyl Ether
 Concen: 0.254 ug/L
 RT: 3.358 min Scan# 642
 Delta R.T. 0.003 min
 Lab File: VU061572.D
 Acq: 09 Nov 2024 02:11

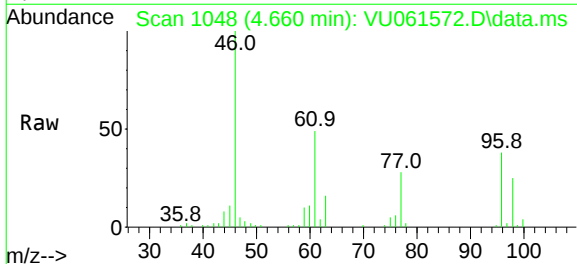
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP70



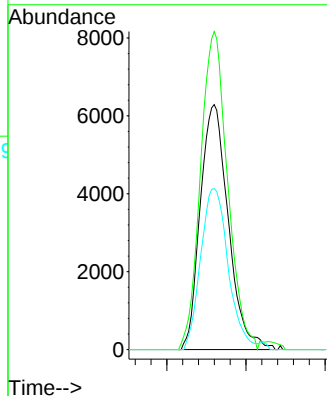
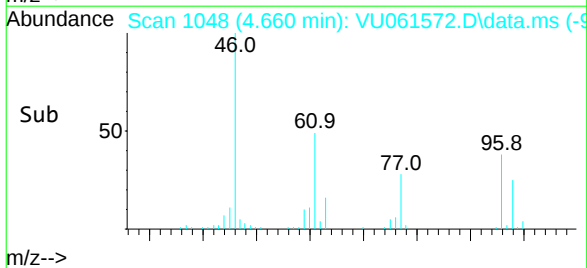
Tgt Ion: 73 Resp: 6908
 Ion Ratio Lower Upper
 73 100
 43 24.7 15.0 22.4#
 57 22.6 17.0 25.6

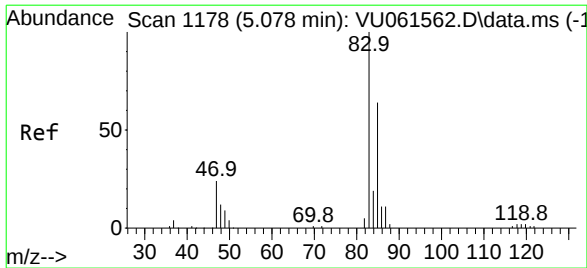


cis-1,2-Dichloroethene
 Concen: 1.224 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061572.D
 Acq: 09 Nov 2024 02:11



Tgt Ion: 96 Resp: 15497
 Ion Ratio Lower Upper
 96 100
 61 129.8 88.1 163.5
 98 65.7 45.0 83.6

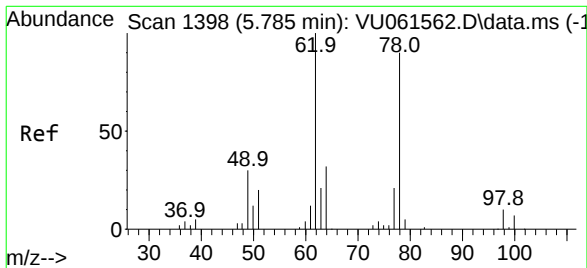
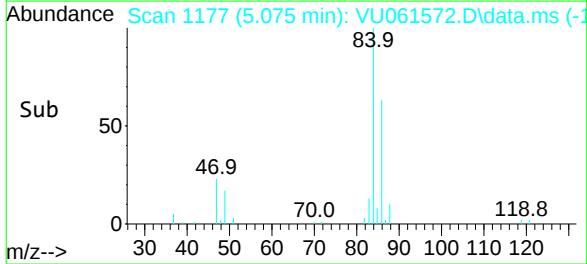
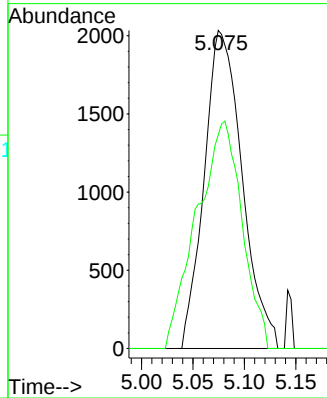
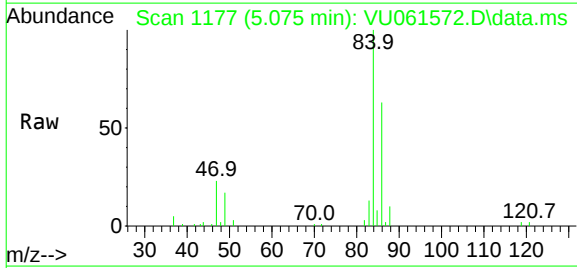




#25
Chloroform
Concen: 0.237 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU061572.D
Acq: 09 Nov 2024 02:11

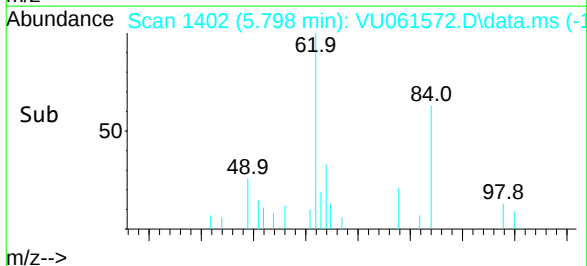
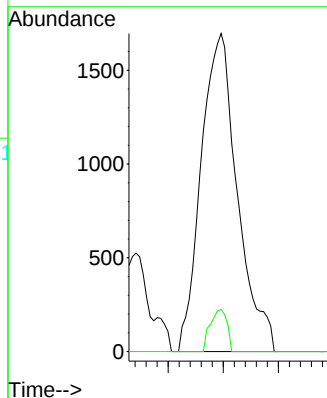
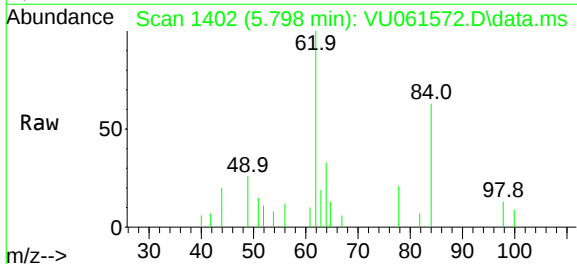
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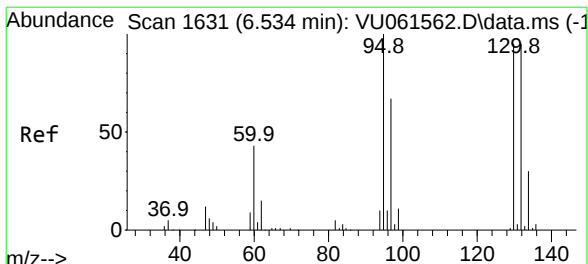
Tgt Ion: 83 Resp: 5211
Ion Ratio Lower Upper
83 100
85 67.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 0.279 ug/L
RT: 5.798 min Scan# 1402
Delta R.T. 0.013 min
Lab File: VU061572.D
Acq: 09 Nov 2024 02:11

Tgt Ion: 62 Resp: 3876
Ion Ratio Lower Upper
62 100
98 13.3 7.4 11.0#

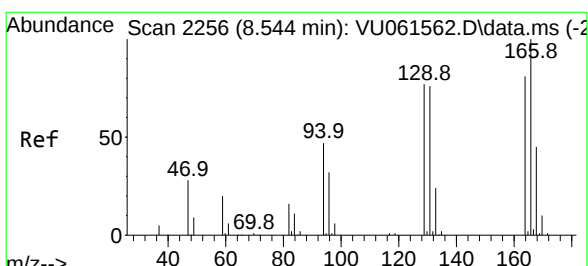
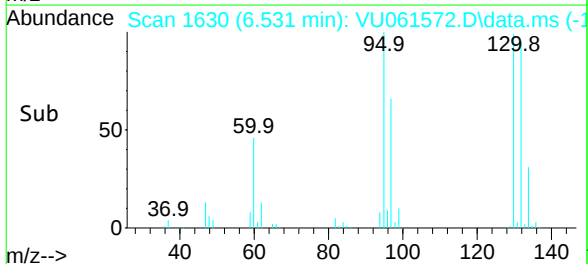
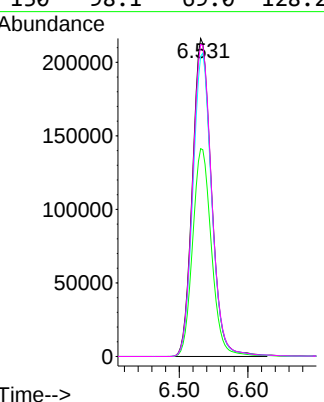
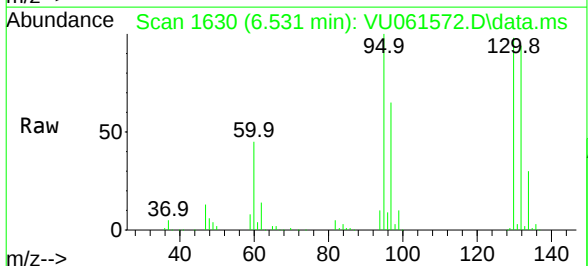




#34
 Trichloroethene
 Concen: 31.024 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU061572.D
 Acq: 09 Nov 2024 02:11

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP70

Tgt Ion:	95	Resp:	416578
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.1	85.7
132	94.4	66.1	122.7
130	98.1	69.0	128.2



#47
 Tetrachloroethene
 Concen: 1.364 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.003 min
 Lab File: VU061572.D
 Acq: 09 Nov 2024 02:11

Tgt Ion:	164	Resp:	12792
Ion	Ratio	Lower	Upper
164	100		
129	103.4	69.9	129.7
131	106.4	68.3	126.8
166	140.3	88.8	165.0

