

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061776.D
 Acq On : 17 Nov 2024 05:03
 Operator : MD/SY
 Sample : P4827-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46X0

Quant Time: Nov 18 04:24:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

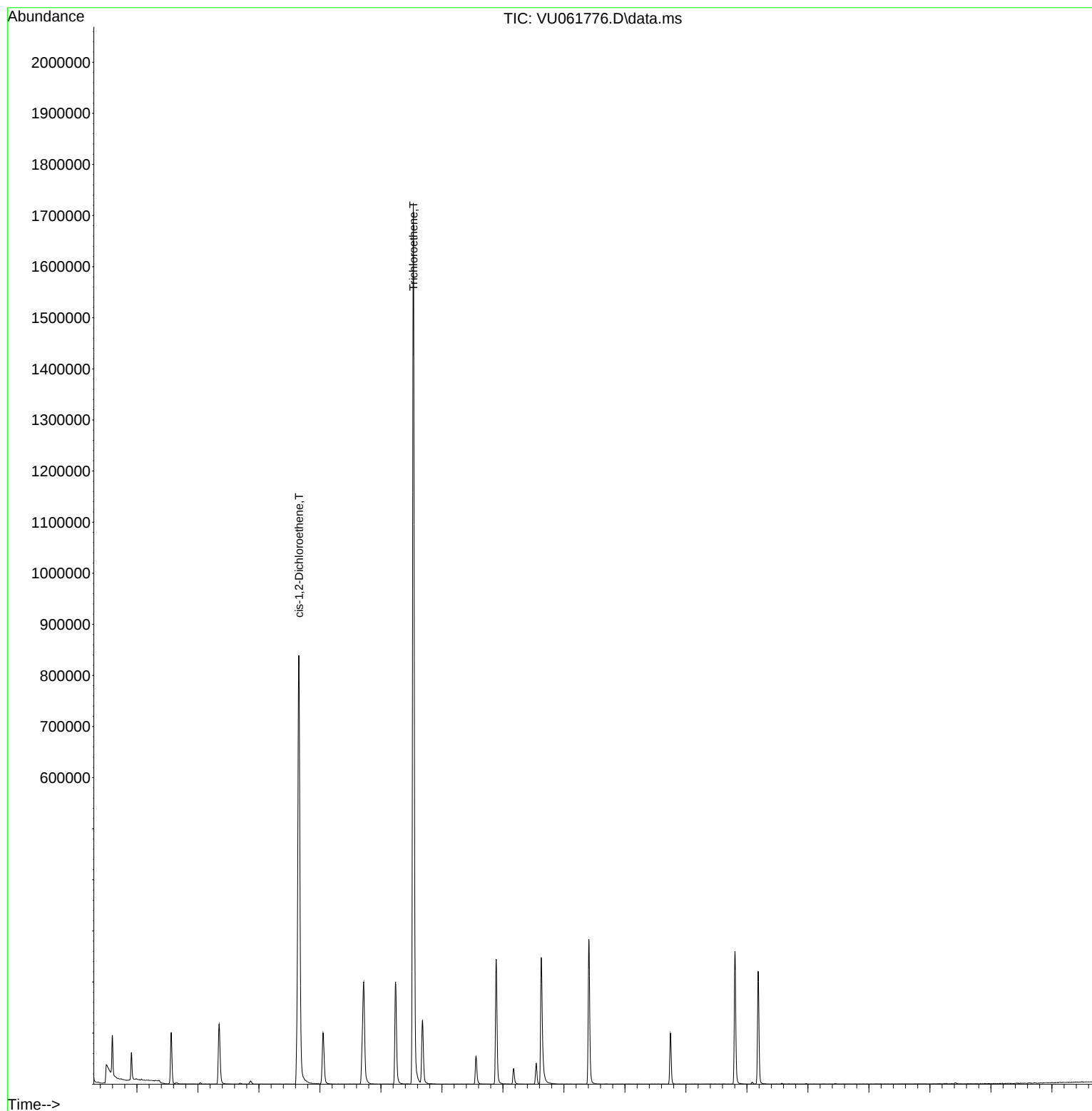
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	168492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38369	3.345	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.911	69	39484	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	18425	3.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.624	46	118764	48.785	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.560%
24) Chloroform-d	5.052	84	96589	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	49752	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.718	84	197430	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.682	67	61088	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	173199	3.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	18938	3.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.627	63	100119	50.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51220	4.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	61361	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
5) Vinyl chloride	1.602	62	17791	1.347	ug/L #	1
12) 1,1-Dichloroethene	2.573	96	1984	0.185	ug/L #	1
17) Methyl tert-butyl Ether	3.358	73	6442	0.245	ug/L #	84
18) trans-1,2-Dichloroethene	3.348	96	50862	4.327	ug/L	98
19) 1,1-Dichloroethane	3.862	63	7616	0.355	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	455057	34.328	ug/L	98
34) Trichloroethene	6.531	95	596610	43.329	ug/L	98
47) Tetrachloroethene	8.547	164	9068	0.876	ug/L	97

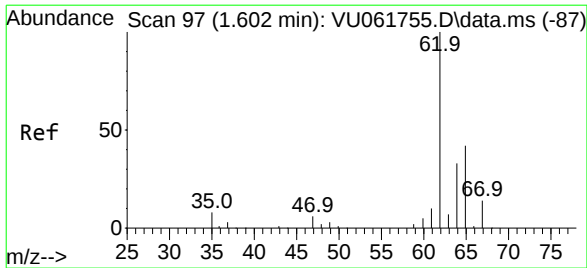
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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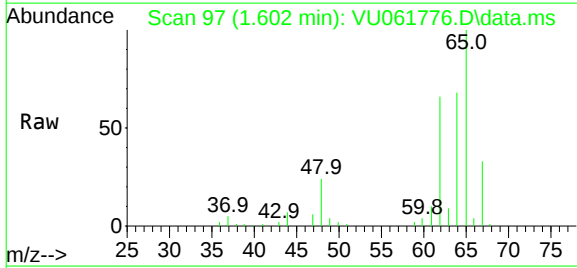
Quant Time: Nov 18 04:24:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 04:15:29 2024
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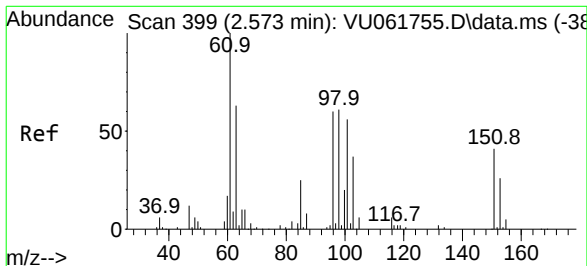
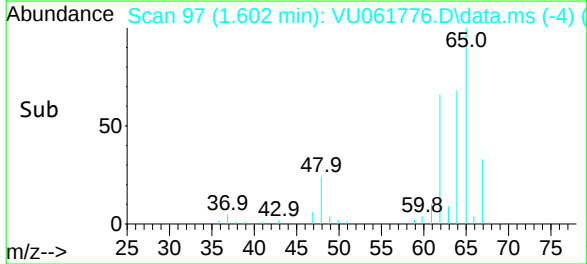
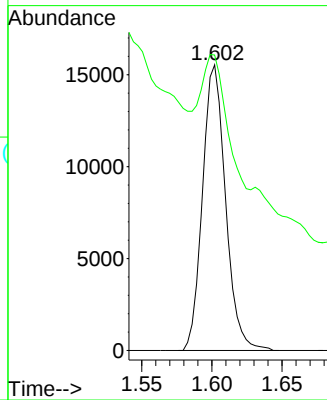


Vinyl chloride
 Concen: 1.347 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H46X0

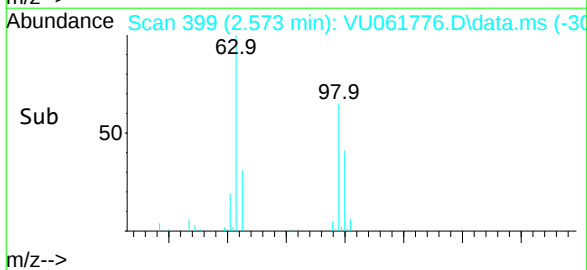
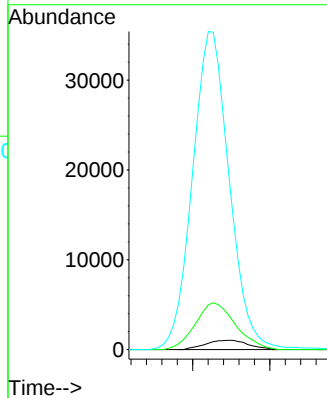
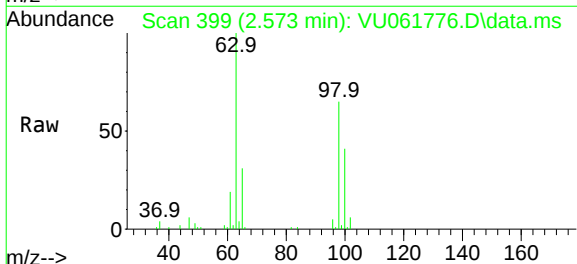


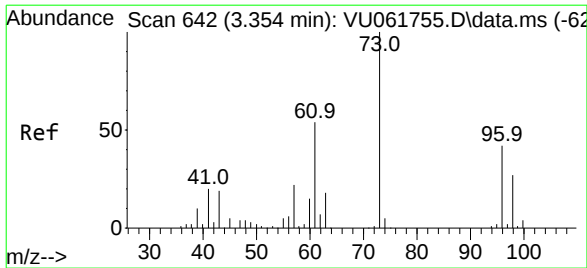
Tgt Ion: 62 Resp: 17791
 Ion Ratio Lower Upper
 62 100
 64 103.4 23.7 44.1#



1,1-Dichloroethene
 Concen: 0.185 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

Tgt Ion: 96 Resp: 1984
 Ion Ratio Lower Upper
 96 100
 61 378.0 116.8 217.0#
 63 1957.4 86.1 159.9#

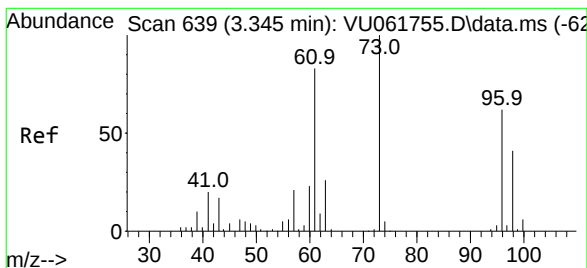
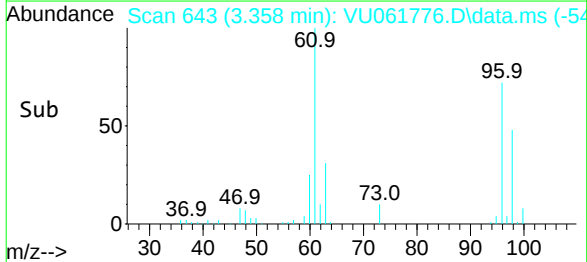
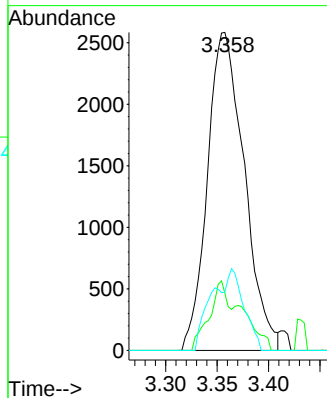
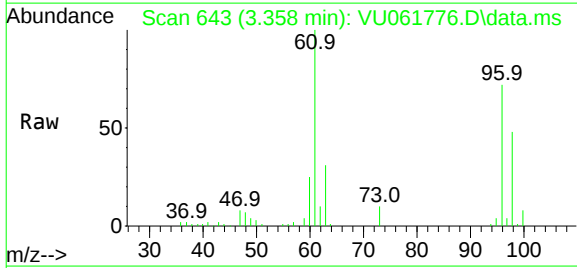




#17
Methyl tert-butyl Ether
Concen: 0.245 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

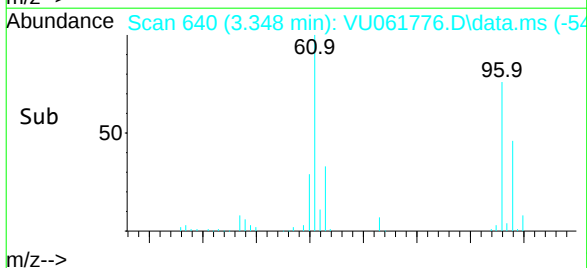
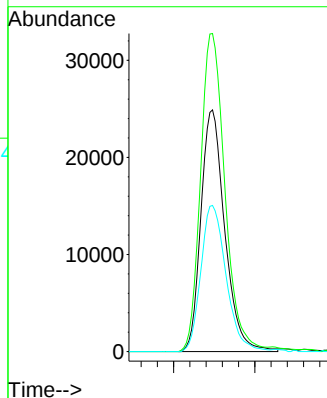
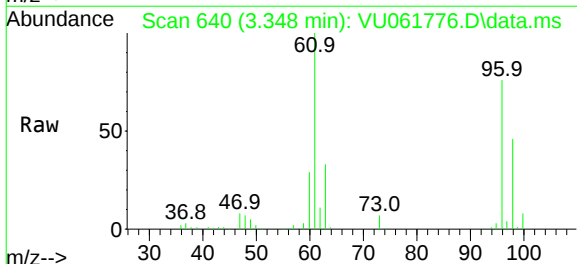
Instrument :
MSVOA_U
ClientSampleId :
H46X0

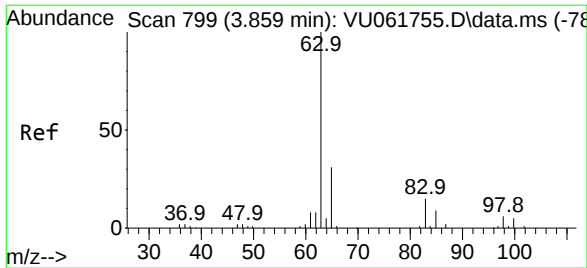
Tgt Ion: 73	Resp: 6442
Ion Ratio	Lower Upper
73 100	
43 11.6	14.2 21.4#
57 13.1	16.9 25.3#



#18
trans-1,2-Dichloroethene
Concen: 4.327 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

Tgt Ion: 96	Resp: 50862
Ion Ratio	Lower Upper
96 100	
61 131.6	94.1 174.8
98 60.4	43.2 80.2

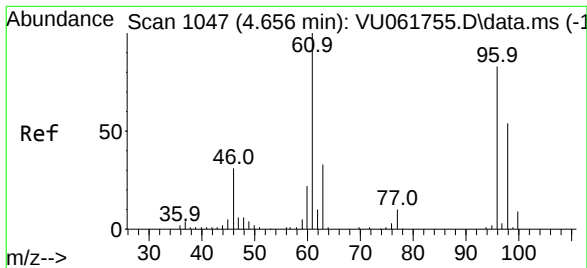
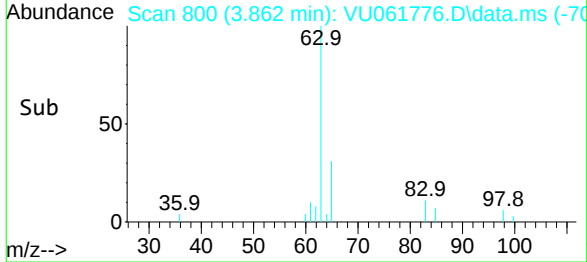
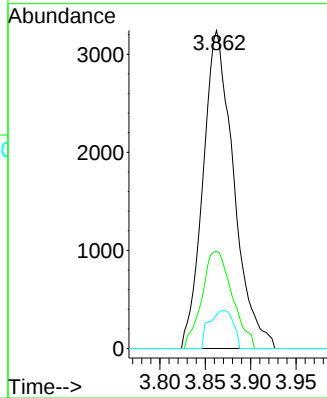
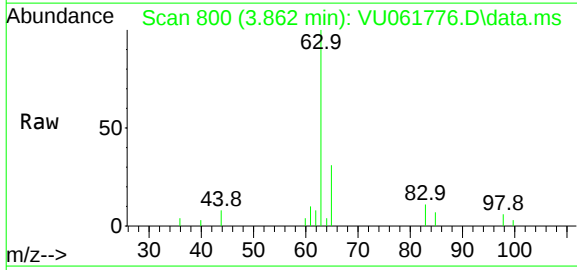




#19
1,1-Dichloroethane
Concen: 0.355 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

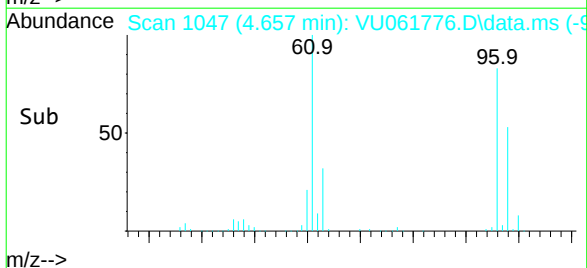
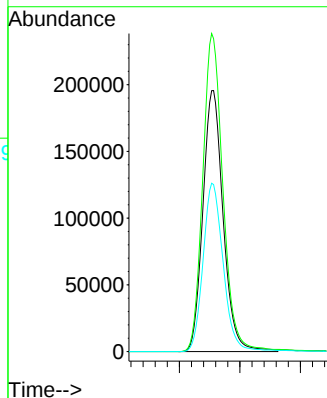
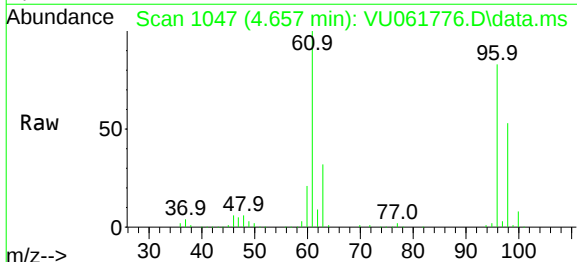
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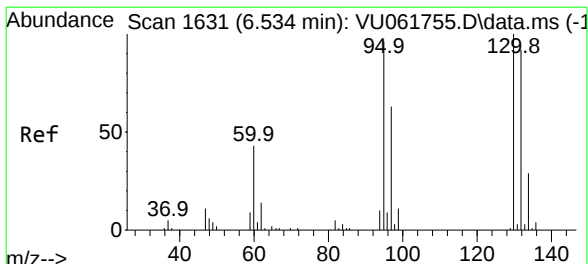
Tgt Ion:	63	Resp:	7616
Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.4	43.4
83	10.6	9.6	17.8



#22
cis-1,2-Dichloroethene
Concen: 34.328 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061776.D
Acq: 17 Nov 2024 05:03

Tgt Ion:	96	Resp:	455057
Ion	Ratio	Lower	Upper
96	100		
61	119.9	85.6	159.0
98	64.0	45.6	84.8

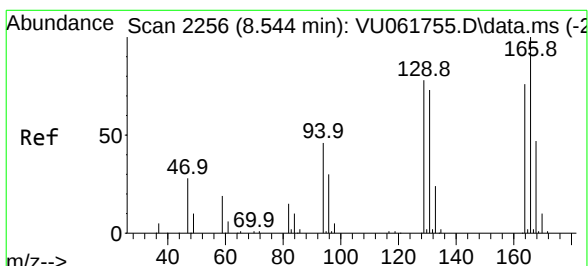
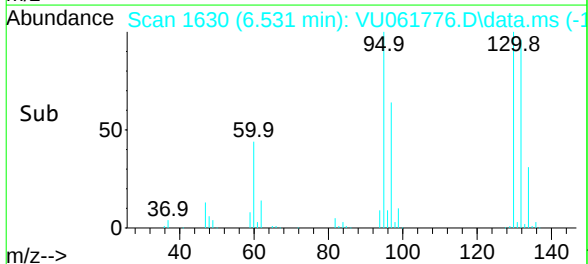
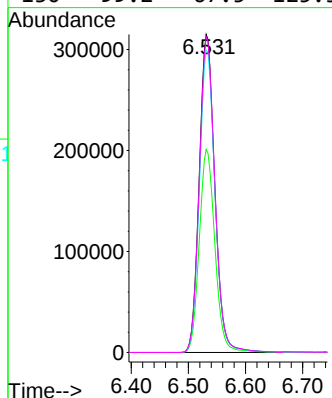
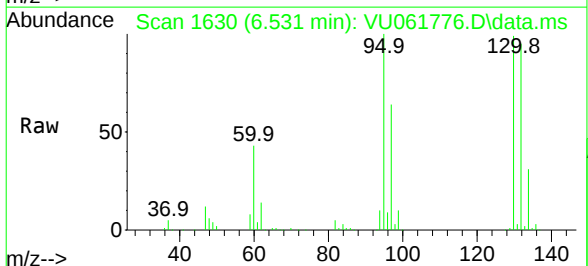




#34
 Trichloroethene
 Concen: 43.329 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H46X0

Tgt Ion:	95	Resp:	596610
Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.5	80.9
132	95.2	65.2	121.0
130	99.2	67.5	125.3



#47
 Tetrachloroethene
 Concen: 0.876 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.003 min
 Lab File: VU061776.D
 Acq: 17 Nov 2024 05:03

Tgt Ion:	164	Resp:	9068
Ion	Ratio	Lower	Upper
164	100		
129	105.3	71.7	133.3
131	96.8	68.2	126.6
166	135.3	89.9	167.0

