

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062788.D
 Acq On : 16 Jan 2025 00:49
 Operator : MD/SY
 Sample : Q1071-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ80

Quant Time: Jan 16 02:09:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 01:55:19 2025
 Response via : Initial Calibration

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

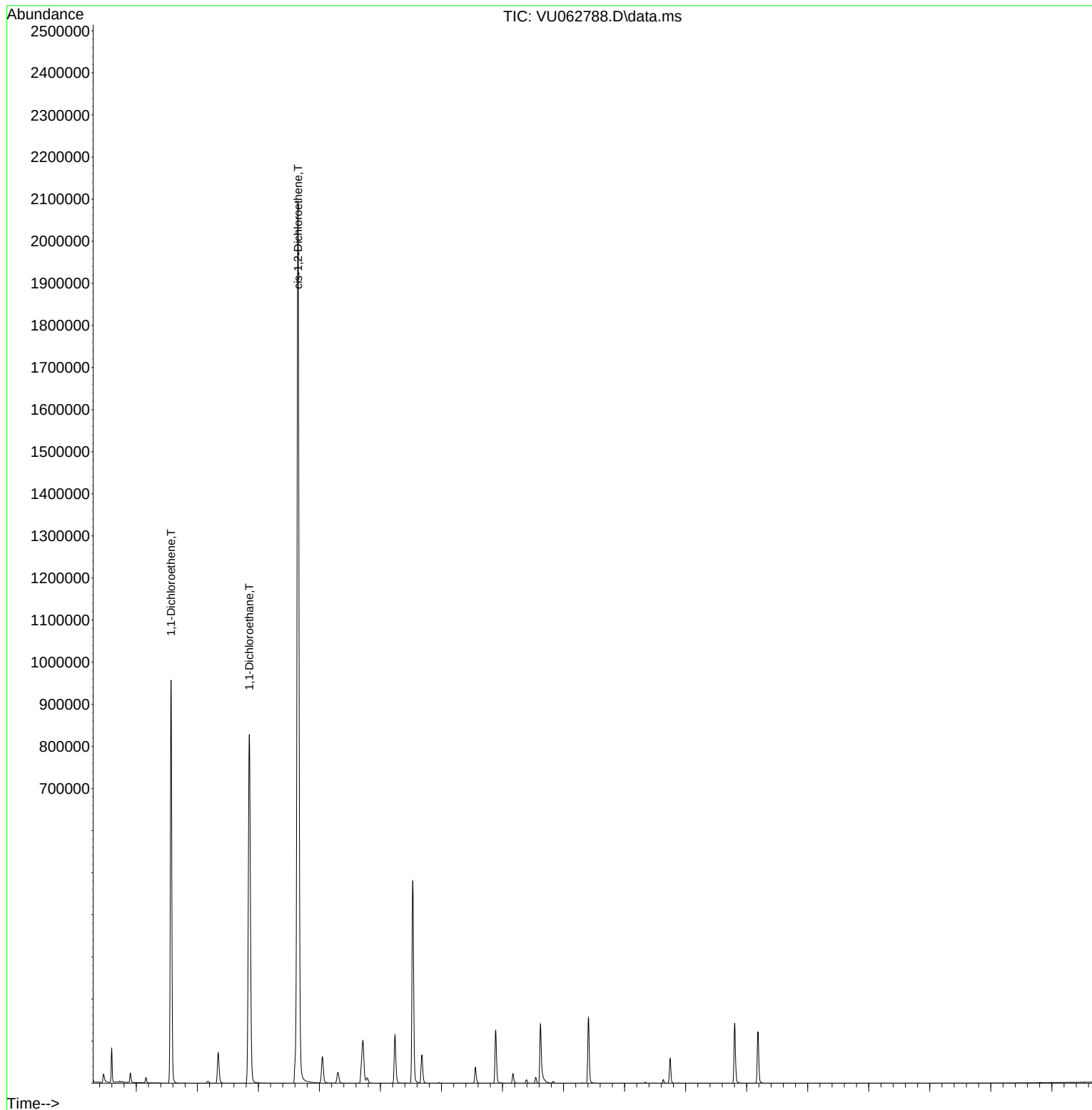
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92563	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15964	3.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.904	69	16066	3.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.557	65	9517	3.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.605	46	66873	63.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.640%
24) Chloroform-d	5.049	84	60363	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.689	65	35494	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.714	84	94570	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	29329	4.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.888	98	87086	4.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.171	79	14309	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.621	63	51986	55.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27837	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	35866	5.211	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
5) Vinyl chloride	1.599	62	6758	1.014	ug/L #	71
12) 1,1-Dichloroethene	2.570	96	319802	55.656	ug/L #	73
18) trans-1,2-Dichloroethene	3.342	96	31669	5.144	ug/L	95
19) 1,1-Dichloroethane	3.853	63	916963	83.308	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	1140355	170.100	ug/L	97
27) 1,2-Dichloroethane	5.785	62	11223	1.267	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	19506	1.451	ug/L	96
34) Trichloroethene	6.528	95	169035	19.430	ug/L	94
45) 1,1,2-Trichloroethane	8.396	97	2789	0.572	ug/L	86
47) Tetrachloroethene	8.544	164	3380	0.564	ug/L	85

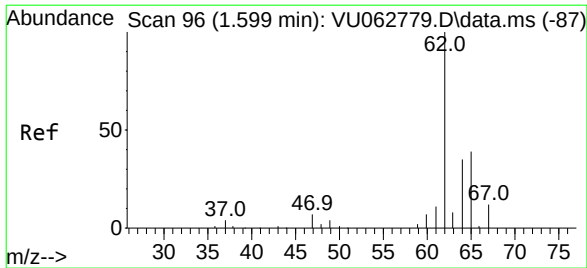
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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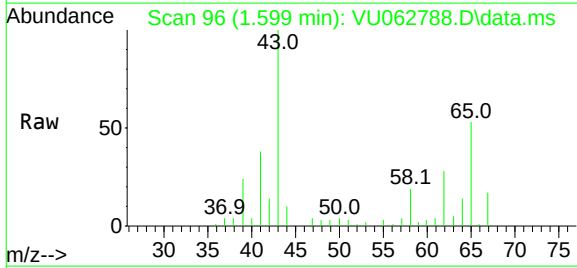
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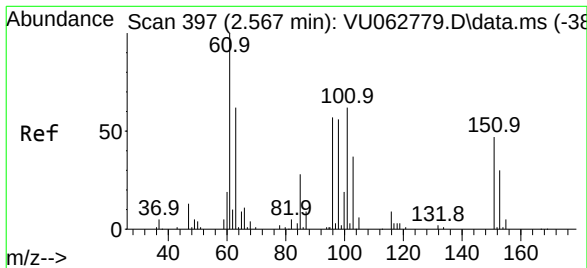
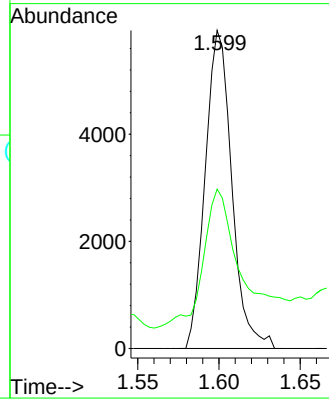
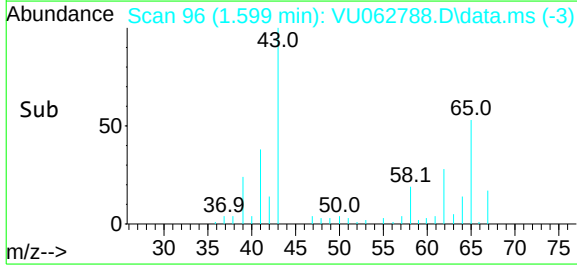


#5
 Vinyl chloride
 Concen: 1.014 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU062788.D
 Acq: 16 Jan 2025 00:49

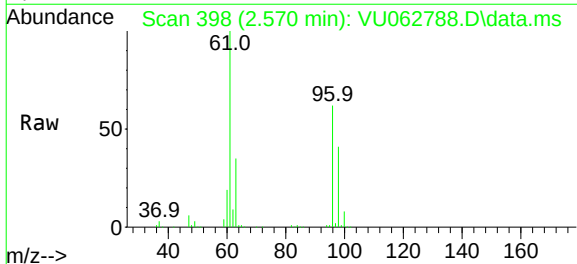
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ80



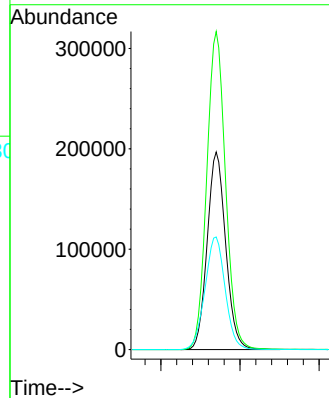
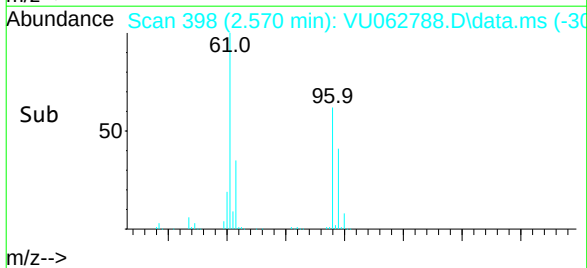
Tgt Ion: 62 Resp: 6758
 Ion Ratio Lower Upper
 62 100
 64 50.1 23.4 43.4#

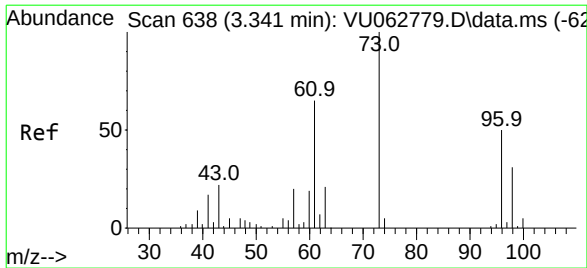


#12
 1,1-Dichloroethene
 Concen: 55.656 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU062788.D
 Acq: 16 Jan 2025 00:49



Tgt Ion: 96 Resp: 319802
 Ion Ratio Lower Upper
 96 100
 61 161.0 120.4 223.6
 63 57.0 82.3 152.9#

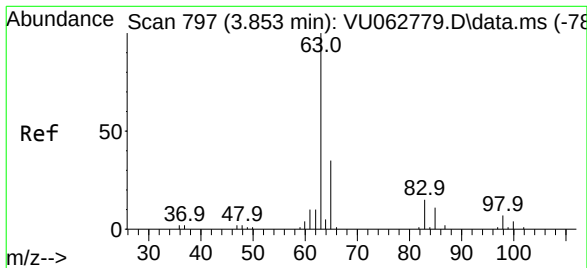
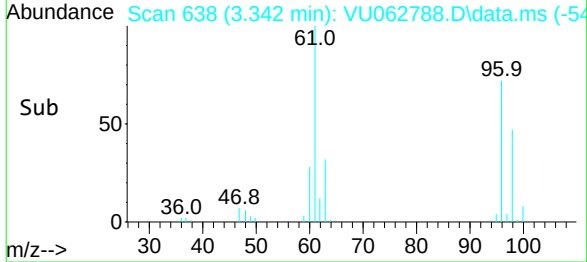
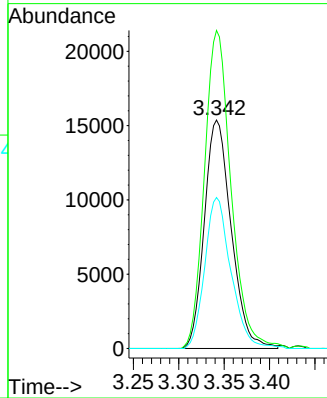
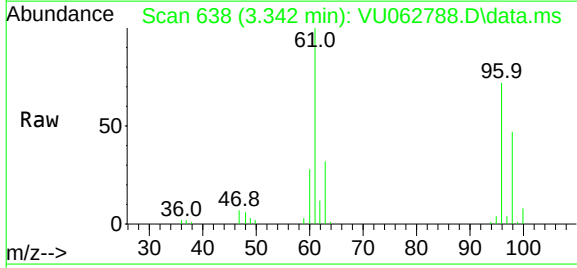




#18
trans-1,2-Dichloroethene
Concen: 5.144 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062788.D
Acq: 16 Jan 2025 00:49

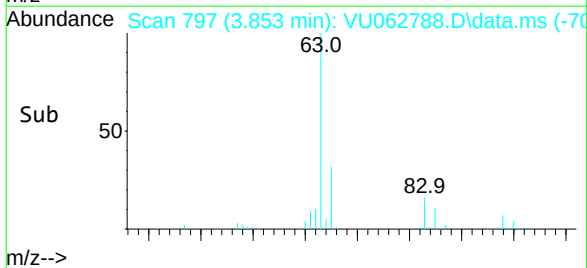
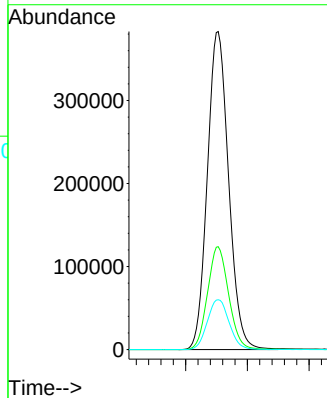
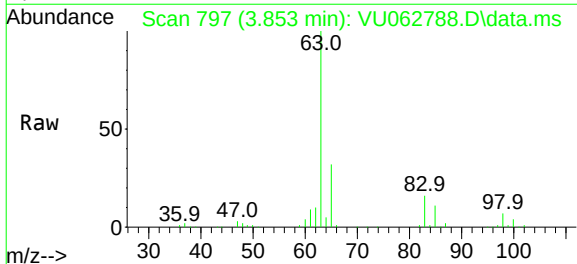
Instrument :
MSVOA_U
ClientSampleId :
GCQ80

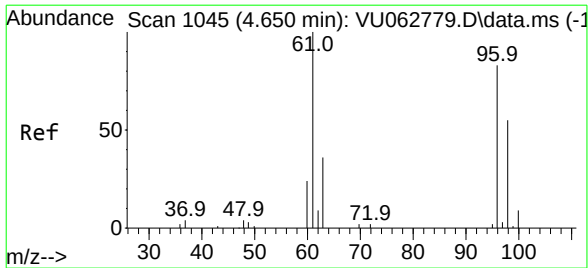
Tgt Ion:	96	Resp:	31669
Ion	Ratio	Lower	Upper
96	100		
61	139.2	94.4	175.2
98	66.1	42.8	79.4



#19
1,1-Dichloroethane
Concen: 83.308 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062788.D
Acq: 16 Jan 2025 00:49

Tgt Ion:	63	Resp:	916963
Ion	Ratio	Lower	Upper
63	100		
65	32.4	20.7	38.5
83	15.7	10.5	19.5

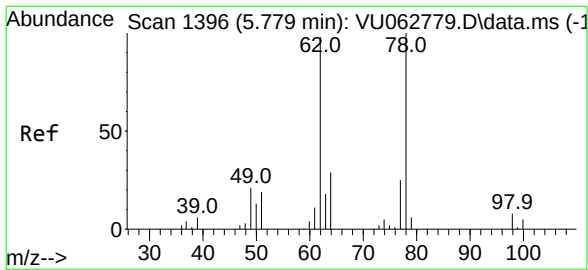
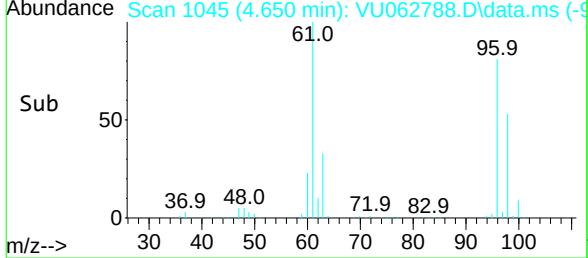
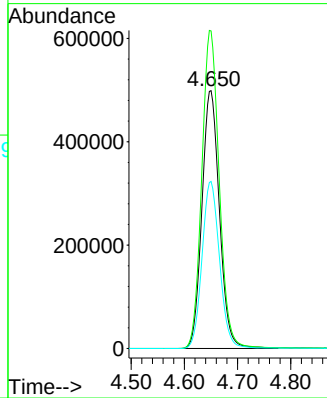
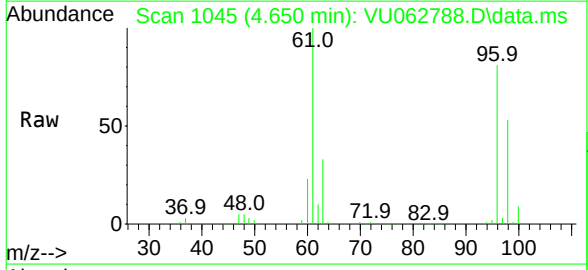




#22
 cis-1,2-Dichloroethene
 Concen: 170.100 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU062788.D
 Acq: 16 Jan 2025 00:49

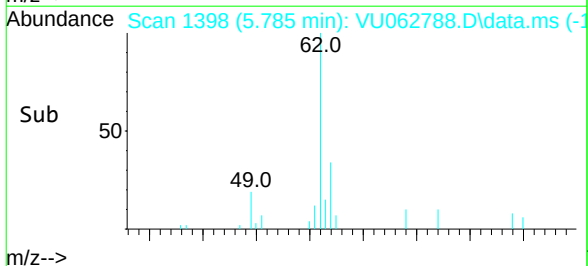
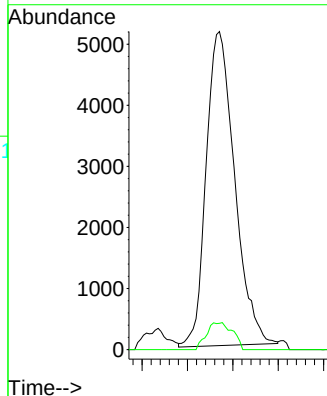
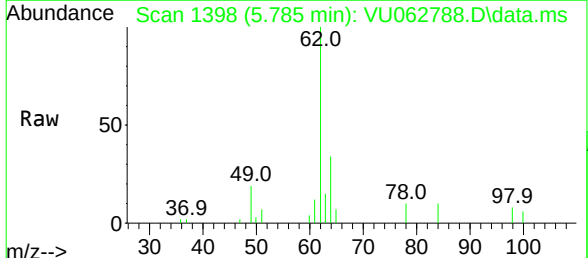
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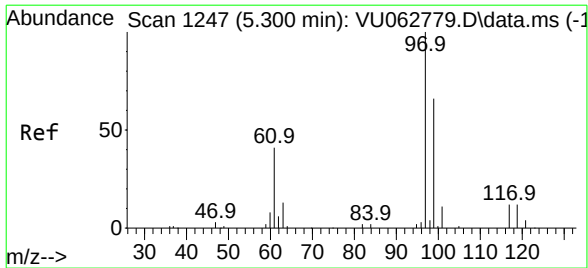
Tgt Ion: 96 Resp: 1140355
 Ion Ratio Lower Upper
 96 100
 61 123.2 84.8 157.6
 98 64.8 43.1 80.1



#27
 1,2-Dichloroethane
 Concen: 1.267 ug/L
 RT: 5.785 min Scan# 1398
 Delta R.T. 0.007 min
 Lab File: VU062788.D
 Acq: 16 Jan 2025 00:49

Tgt Ion: 62 Resp: 11223
 Ion Ratio Lower Upper
 62 100
 98 8.3 5.8 8.6

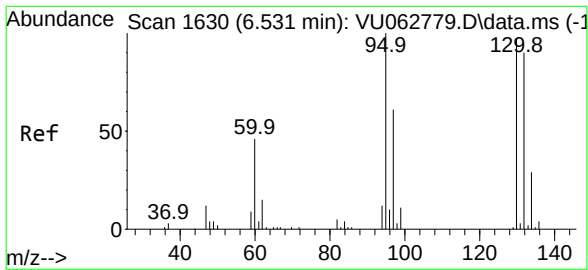
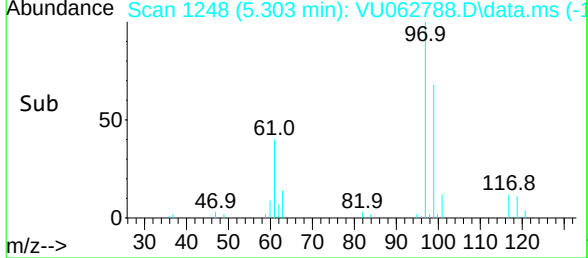
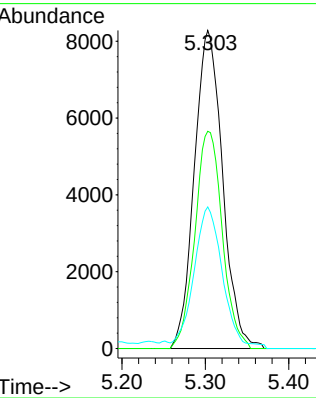
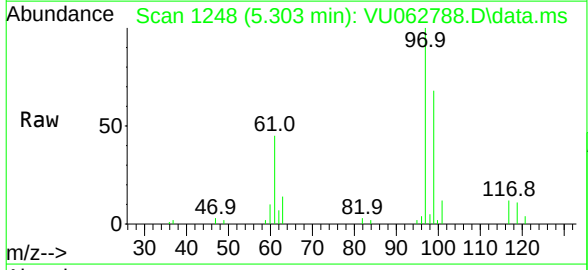




#29
 1,1,1-Trichloroethane
 Concen: 1.451 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. 0.003 min
 Lab File: VU062788.D
 Acq: 16 Jan 2025 00:49

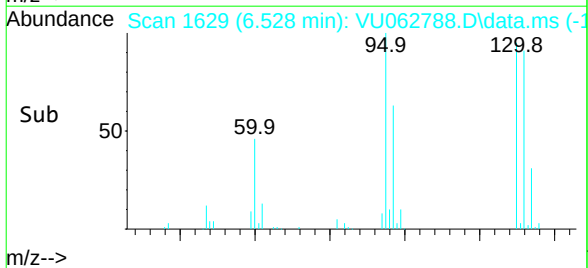
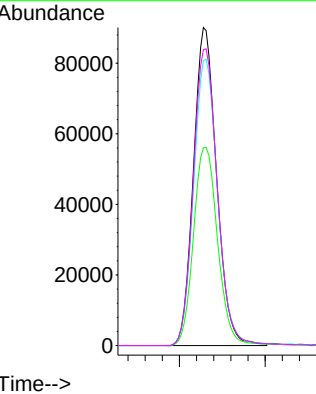
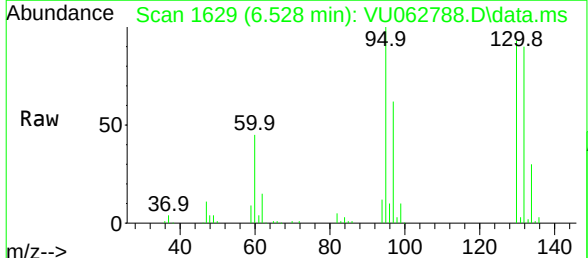
Instrument :
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 ClientSampleId :
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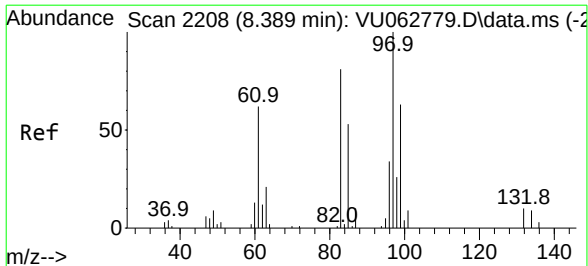
Tgt Ion:	97	Resp:	19506
Ion	Ratio	Lower	Upper
97	100		
99	66.2	52.4	78.6
61	45.3	32.2	48.4



#34
 Trichloroethene
 Concen: 19.430 ug/L
 RT: 6.528 min Scan# 1629
 Delta R.T. -0.003 min
 Lab File: VU062788.D
 Acq: 16 Jan 2025 00:49

Tgt Ion:	95	Resp:	169035
Ion	Ratio	Lower	Upper
95	100		
97	62.2	47.5	88.3
132	89.5	66.9	124.3
130	93.1	68.6	127.4

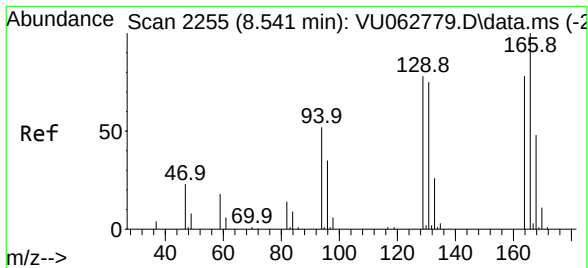
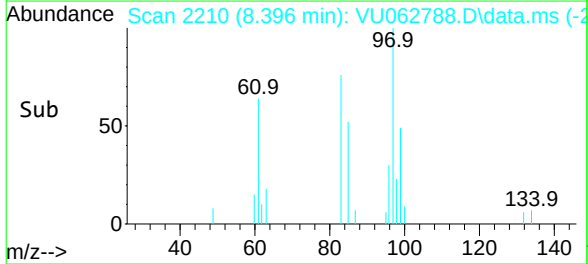
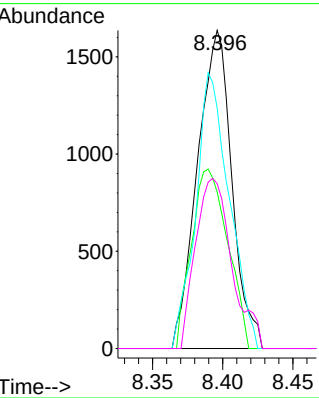
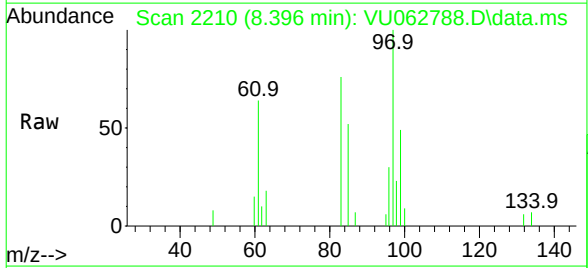




#45
1,1,2-Trichloroethane
Concen: 0.572 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.007 min
Lab File: VU062788.D
Acq: 16 Jan 2025 00:49

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	97	Resp:	2789
Ion	Ratio	Lower	Upper
97	100		
99	49.2	45.6	84.6
83	75.6	63.0	117.0
85	51.8	39.0	72.4



#47
Tetrachloroethene
Concen: 0.564 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU062788.D
Acq: 16 Jan 2025 00:49

Tgt Ion:	164	Resp:	3380
Ion	Ratio	Lower	Upper
164	100		
129	84.9	71.0	131.9
131	86.4	69.4	129.0
166	114.9	92.7	172.3

