

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062775.D
 Acq On : 15 Jan 2025 18:25
 Operator : MD/SY
 Sample : Q1071-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ75

Quant Time: Jan 16 00:51:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

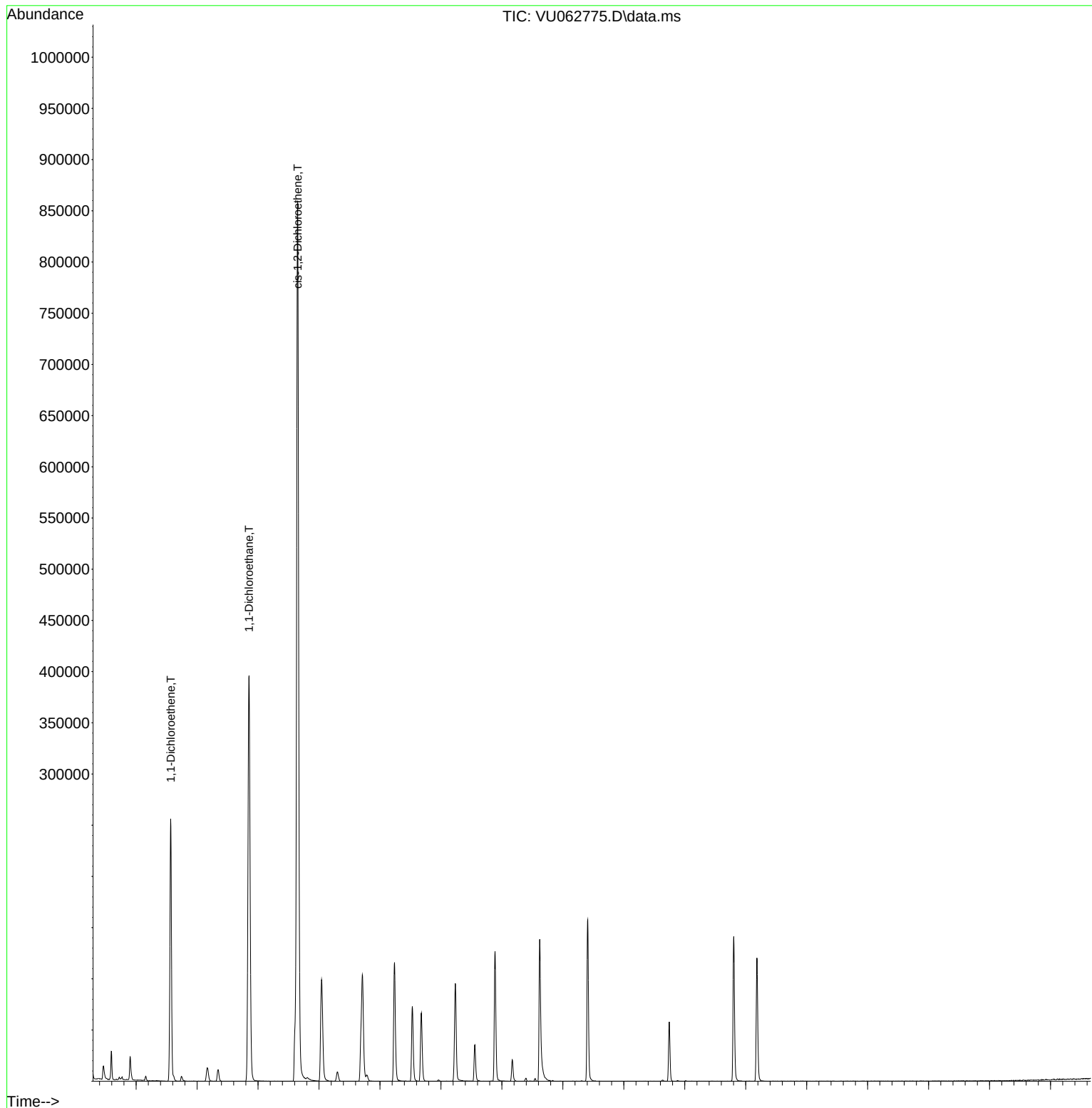
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17034	3.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.901	69	16809	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.557	65	9769	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.605	46	62207	58.203	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.400%
24) Chloroform-d	5.049	84	61280	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	36289	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.714	84	97659	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.679	67	29919	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.888	98	88841	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	13698	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.621	63	48799	51.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26805	5.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	35248	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
5) Vinyl chloride	1.602	62	1129	0.166	ug/L #	59
12) 1,1-Dichloroethene	2.570	96	78543	13.400	ug/L #	78
13) Acetone	2.618	43	4208	4.970	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	5480	0.873	ug/L	87
19) 1,1-Dichloroethane	3.853	63	437186	38.938	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	466384	68.199	ug/L	98
27) 1,2-Dichloroethane	5.788	62	5496	0.608	ug/L #	96
29) 1,1,1-Trichloroethane	5.303	97	7373	0.550	ug/L	97
34) Trichloroethene	6.531	95	26057	3.002	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	1101	0.226	ug/L	87

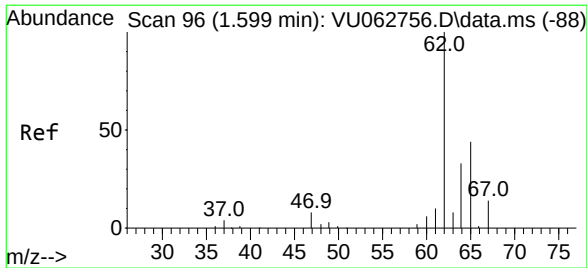
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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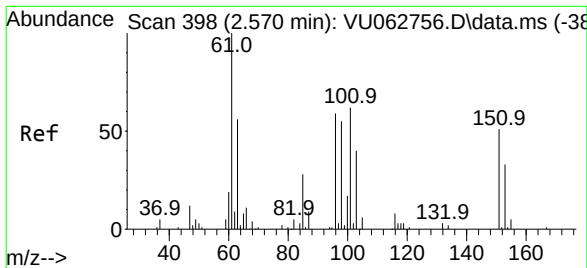
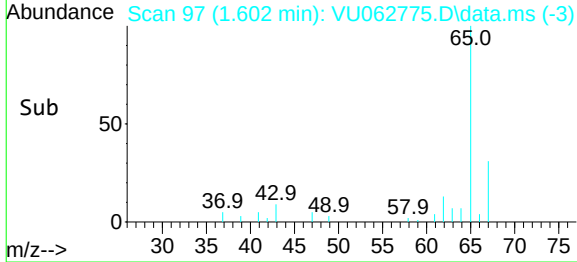
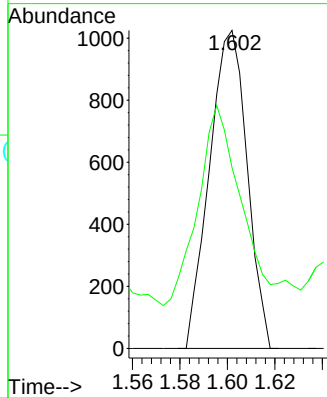
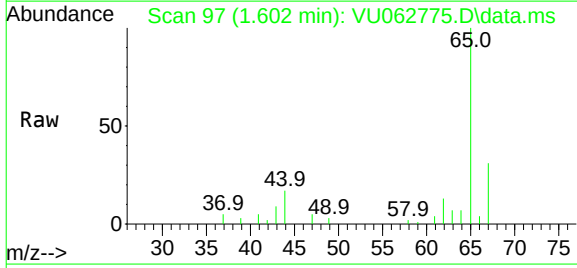




#5
 Vinyl chloride
 Concen: 0.166 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU062775.D
 Acq: 15 Jan 2025 18:25

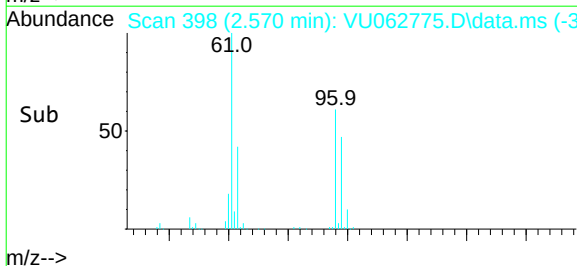
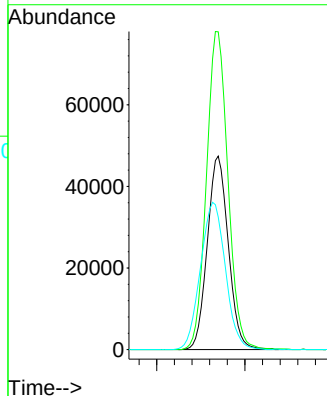
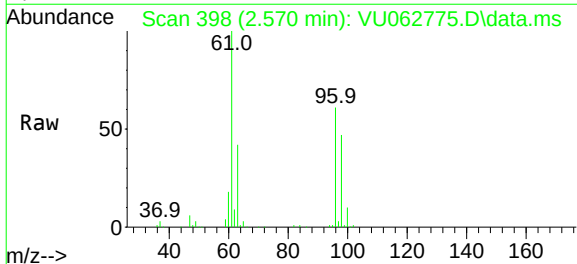
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ75

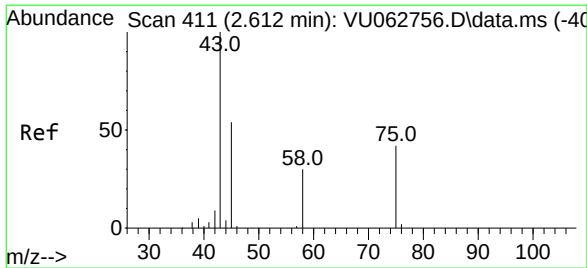
Tgt Ion: 62 Resp: 1129
 Ion Ratio Lower Upper
 62 100
 64 56.9 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 13.400 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062775.D
 Acq: 15 Jan 2025 18:25

Tgt Ion: 96 Resp: 78543
 Ion Ratio Lower Upper
 96 100
 61 164.2 120.4 223.6
 63 68.5 82.3 152.9#





#13

Acetone

Concen: 4.970 ug/L

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU062775.D

Acq: 15 Jan 2025 18:25

Instrument :

MSVOA_U

ClientSampleId :

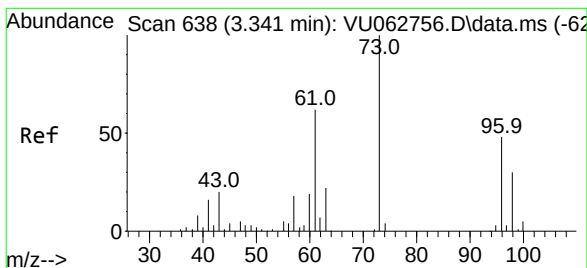
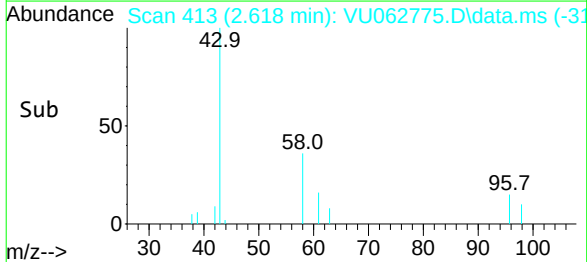
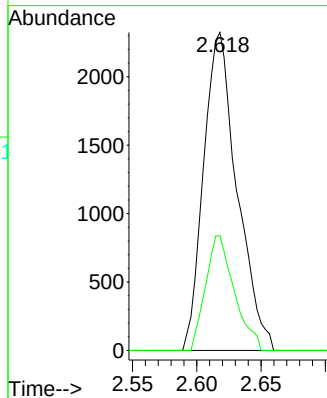
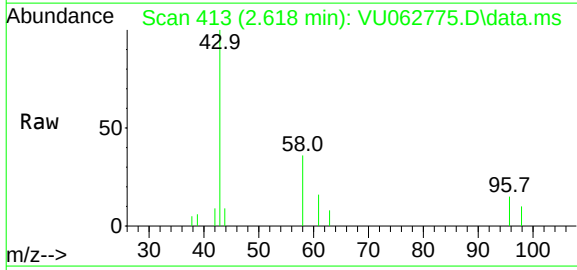
GCQ75

Tgt Ion: 43 Resp: 4208

Ion Ratio Lower Upper

43 100

58 30.9 0.0 64.4



#18

trans-1,2-Dichloroethene

Concen: 0.873 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.003 min

Lab File: VU062775.D

Acq: 15 Jan 2025 18:25

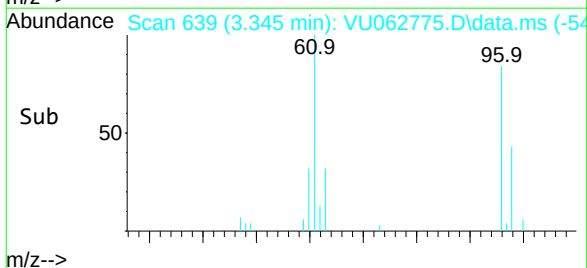
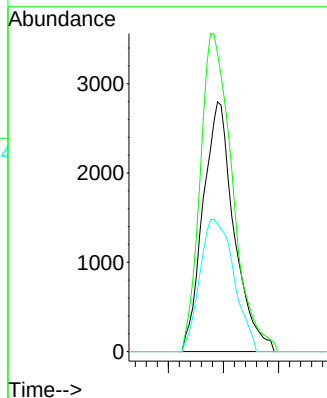
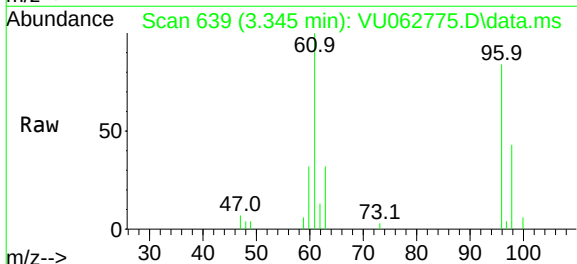
Tgt Ion: 96 Resp: 5480

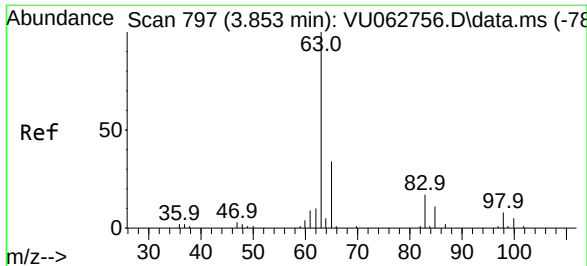
Ion Ratio Lower Upper

96 100

61 119.5 94.4 175.2

98 51.2 42.8 79.4

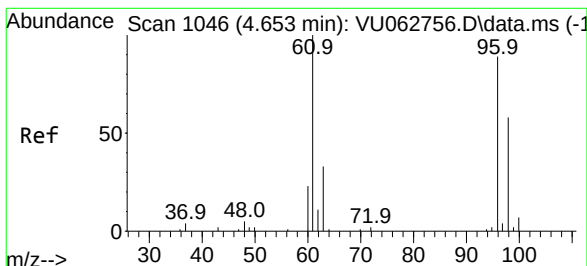
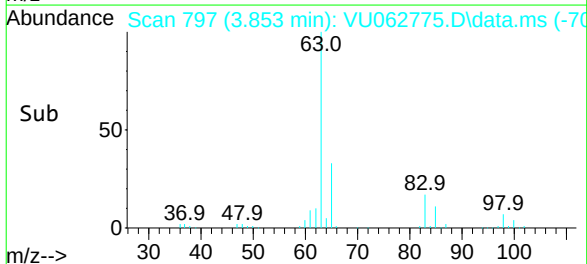
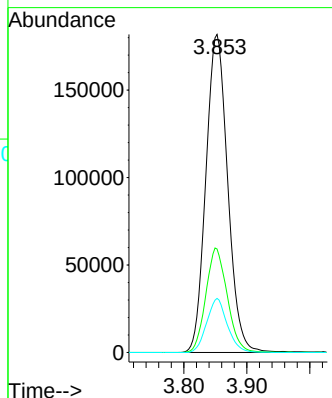
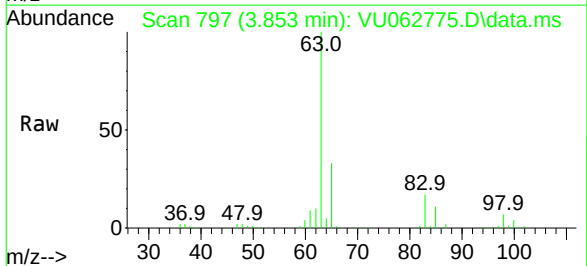




#19
1,1-Dichloroethane
Concen: 38.938 ug/L
RT: 3.853 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU062775.D
Acq: 15 Jan 2025 18:25

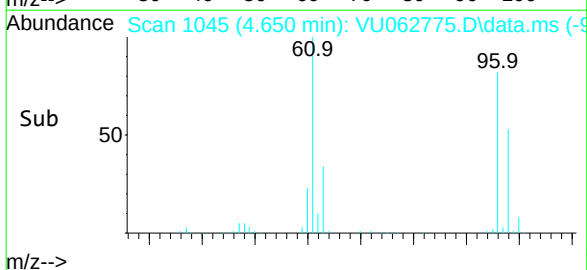
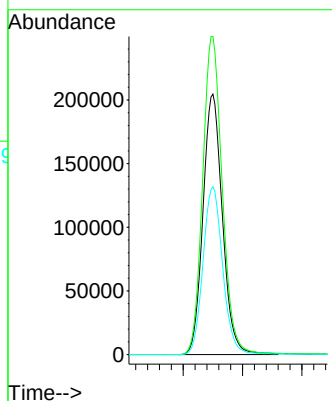
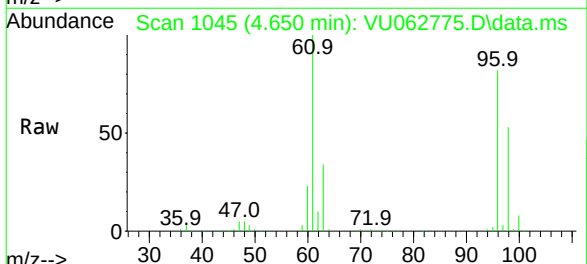
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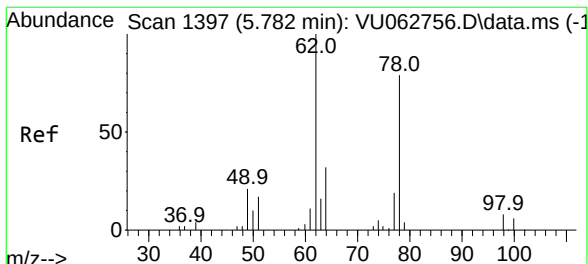
Tgt Ion: 63 Resp: 437186
Ion Ratio Lower Upper
63 100
65 32.5 20.7 38.5
83 17.0 10.5 19.5



#22
cis-1,2-Dichloroethene
Concen: 68.199 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU062775.D
Acq: 15 Jan 2025 18:25

Tgt Ion: 96 Resp: 466384
Ion Ratio Lower Upper
96 100
61 122.1 84.8 157.6
98 64.5 43.1 80.1

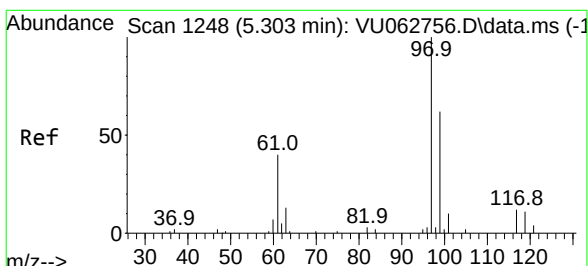
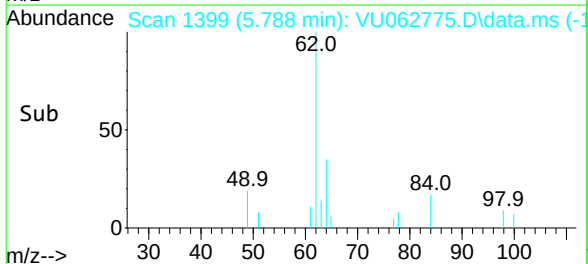
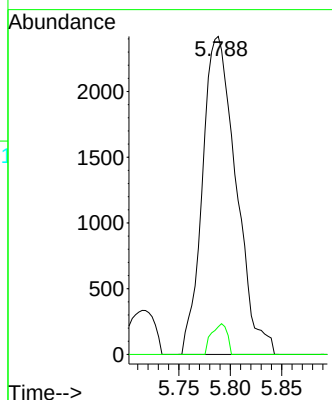
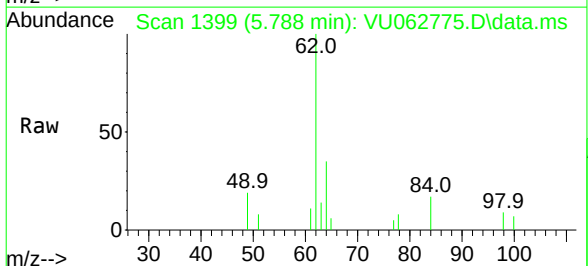




#27
 1,2-Dichloroethane
 Concen: 0.608 ug/L
 RT: 5.788 min Scan# 1397
 Delta R.T. 0.006 min
 Lab File: VU062775.D
 Acq: 15 Jan 2025 18:25

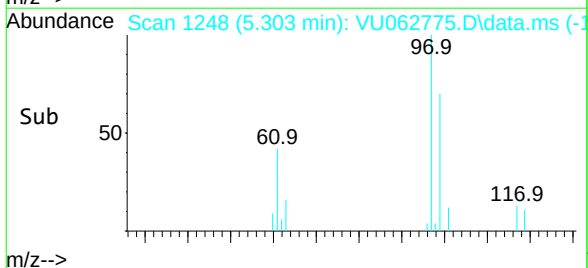
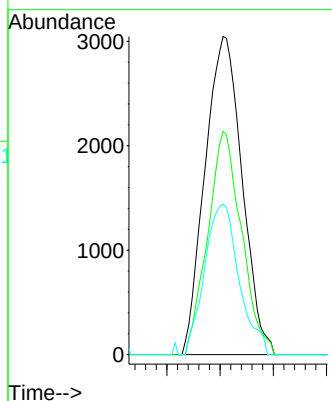
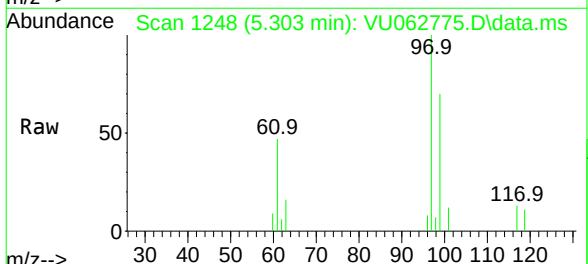
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ75

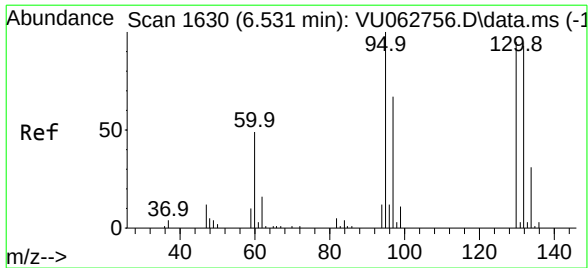
Tgt Ion: 62 Resp: 5496
 Ion Ratio Lower Upper
 62 100
 98 8.7 5.8 8.6#



#29
 1,1,1-Trichloroethane
 Concen: 0.550 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. -0.000 min
 Lab File: VU062775.D
 Acq: 15 Jan 2025 18:25

Tgt Ion: 97 Resp: 7373
 Ion Ratio Lower Upper
 97 100
 99 63.9 52.4 78.6
 61 43.9 32.2 48.4

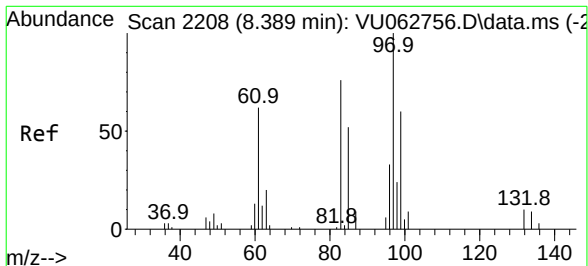
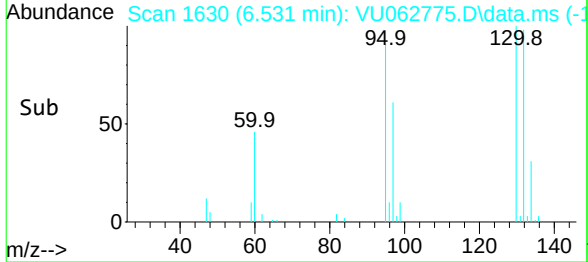
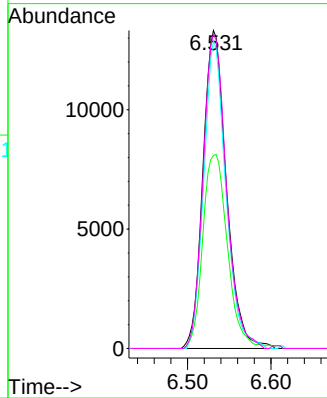
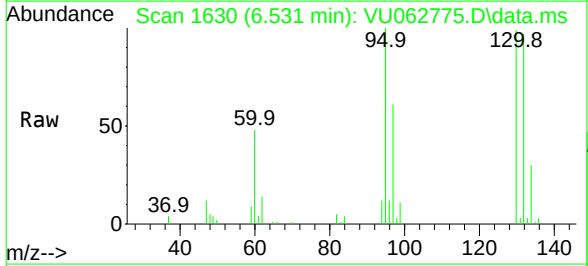




#34
Trichloroethene
Concen: 3.002 ug/L
RT: 6.531 min Scan# 16
Delta R.T. -0.000 min
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Tgt Ion:	95	Resp:	26057
Ion	Ratio	Lower	Upper
95	100		
97	60.7	47.5	88.3
132	96.7	66.9	124.3
130	98.8	68.6	127.4



#45
1,1,2-Trichloroethane
Concen: 0.226 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.006 min
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Tgt Ion:	97	Resp:	1101
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.6	84.6
83	72.8	63.0	117.0
85	44.2	39.0	72.4

