

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062773.D
 Acq On : 15 Jan 2025 17:36
 Operator : MD/SY
 Sample : Q1071-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ73

Quant Time: Jan 16 00:50:23 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)

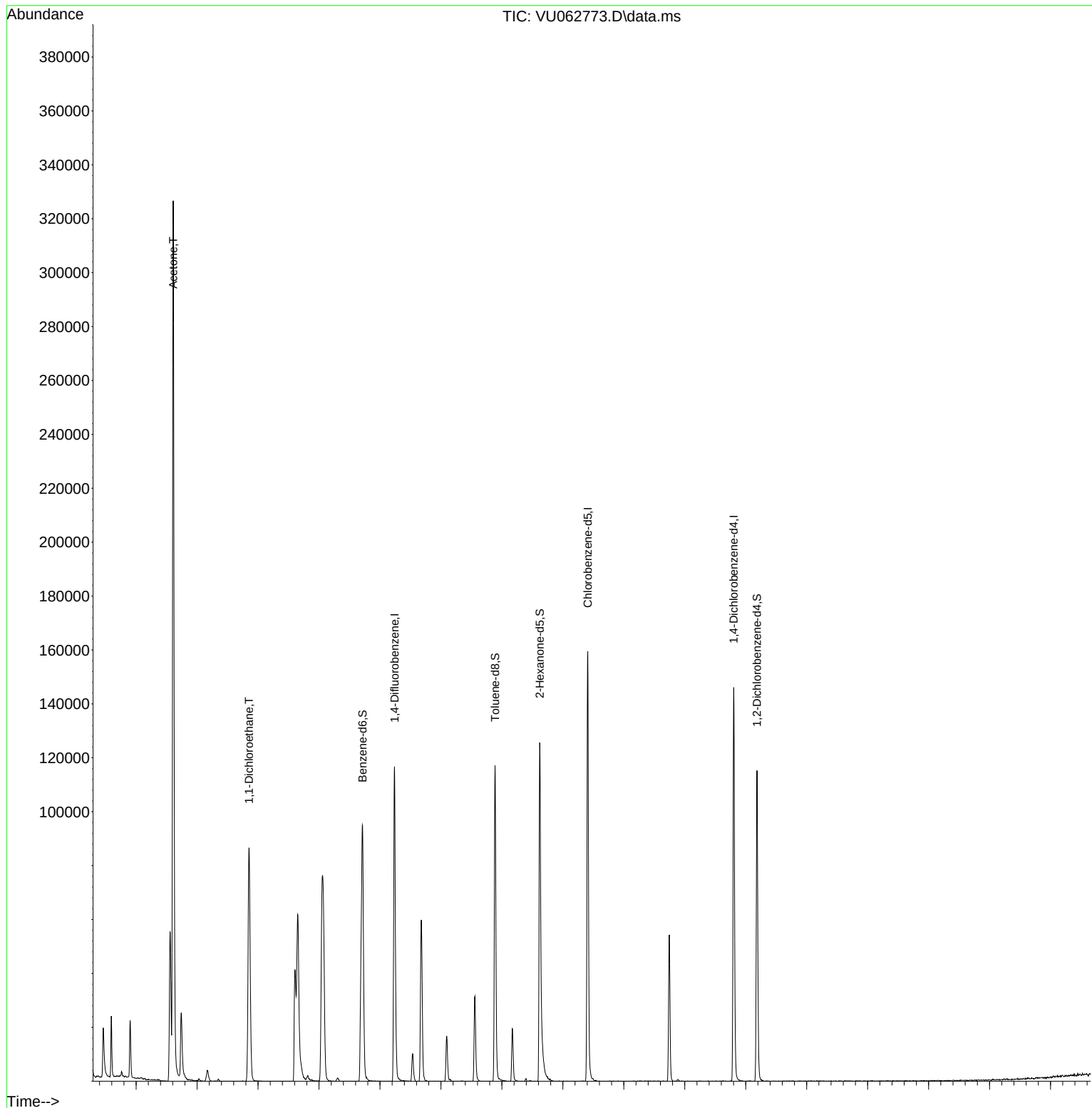
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15552	2.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.901	69	15542	3.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.554	65	9301	3.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	4.605	46	59852	54.883	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.760%
24) Chloroform-d	5.049	84	59173	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.689	65	32842	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.714	84	89652	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.676	67	26377	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.888	98	80258	3.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.171	79	12575	4.114	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.621	63	45086	46.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24618	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	32703	4.588	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	5307	0.887	ug/L	# 2
13) Acetone	2.608	43	351395	406.751	ug/L	99
19) 1,1-Dichloroethane	3.853	63	95553	8.341	ug/L	93
21) 2-Butanone	4.701	43	8395	7.296	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	32169	4.610	ug/L	97
25) Chloroform	5.074	83	50283	3.567	ug/L	94
34) Trichloroethene	6.541	95	3963	0.446	ug/L	86
38) Bromodichloromethane	7.097	83	12076	1.224	ug/L	99

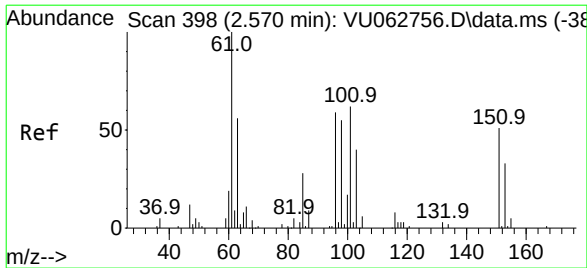
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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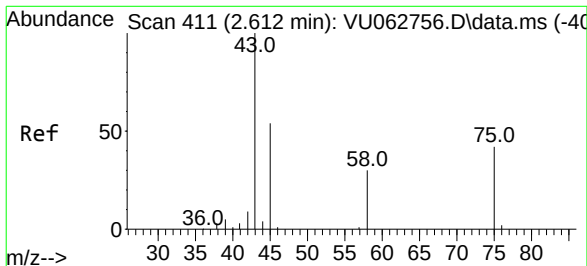
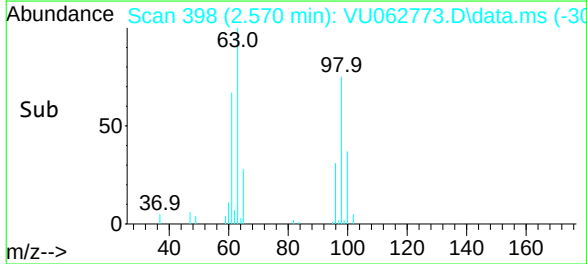
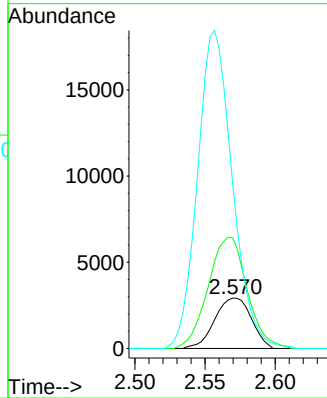
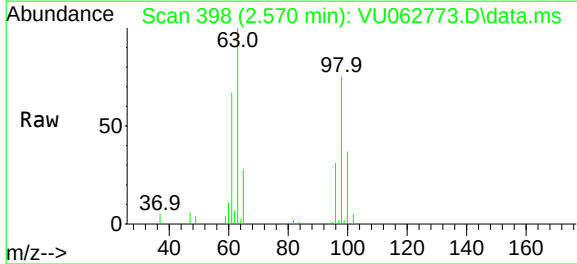




#12
1,1-Dichloroethene
Concen: 0.887 ug/L
RT: 2.570 min Scan# 39
Delta R.T. -0.000 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

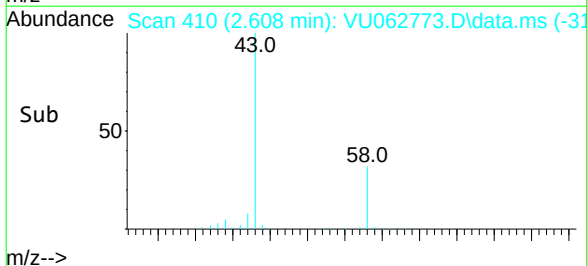
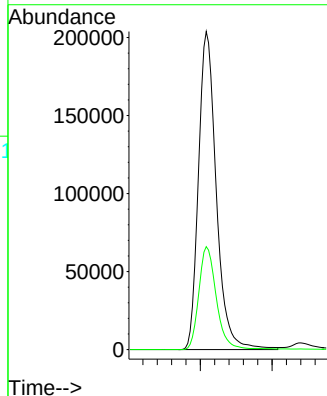
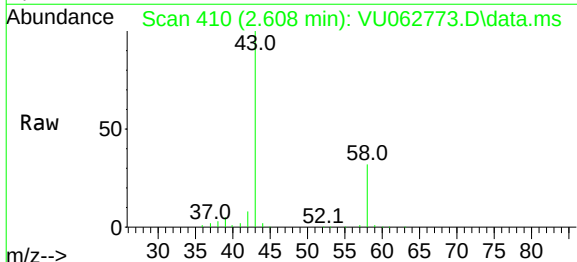
Instrument :
MSVOA_U
ClientSampleId :
GCQ73

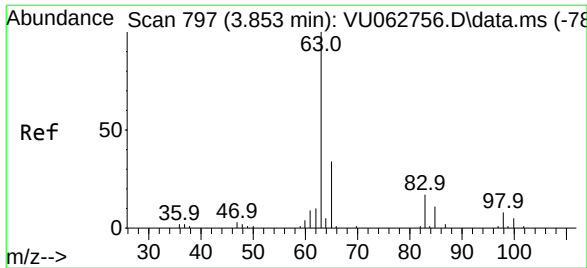
Tgt Ion: 96 Resp: 5307
Ion Ratio Lower Upper
96 100
61 219.8 120.4 223.6
63 327.0 82.3 152.9#



#13
Acetone
Concen: 406.751 ug/L
RT: 2.608 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

Tgt Ion: 43 Resp: 351395
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.4

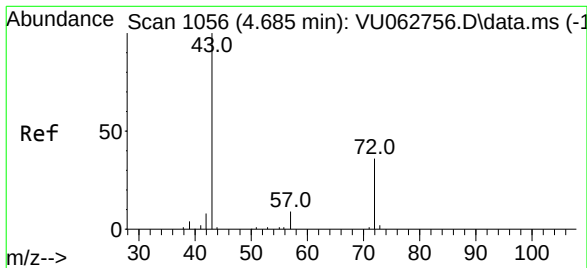
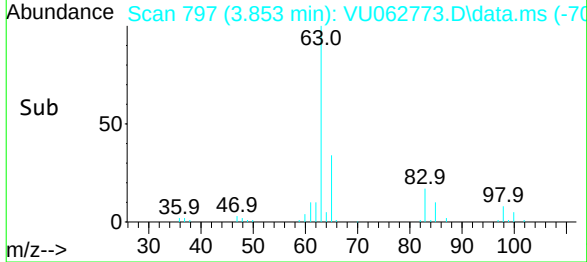
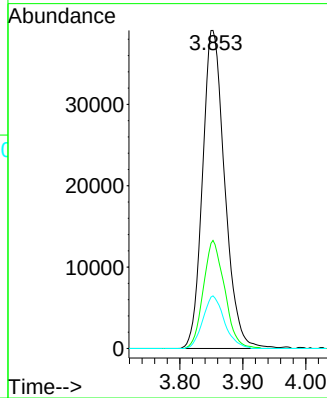
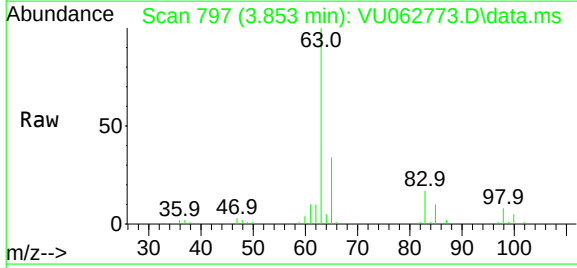




#19
1,1-Dichloroethane
Concen: 8.341 ug/L
RT: 3.853 min Scan# 79
Delta R.T. -0.000 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

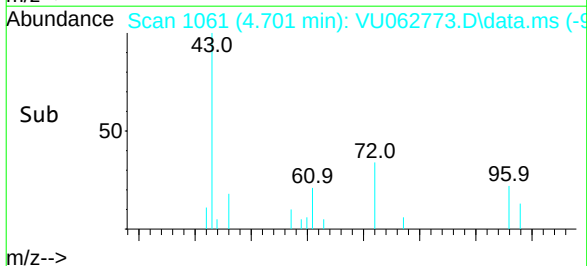
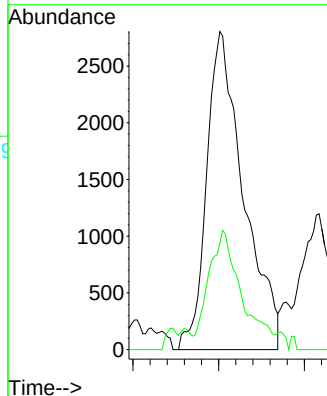
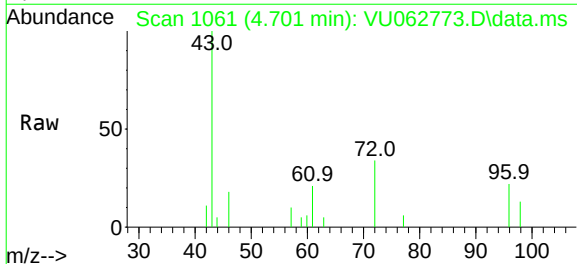
Instrument :
MSVOA_U
ClientSampleId :
GCQ73

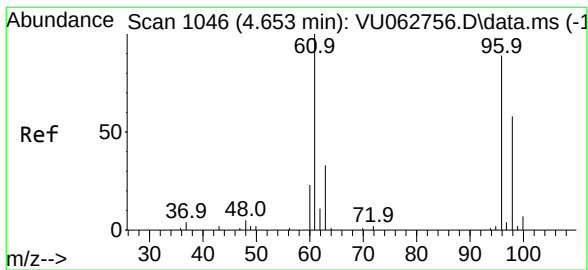
Tgt Ion	Ratio	Lower	Upper
63	100		
65	34.0	20.7	38.5
83	16.5	10.5	19.5



#21
2-Butanone
Concen: 7.296 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. 0.016 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

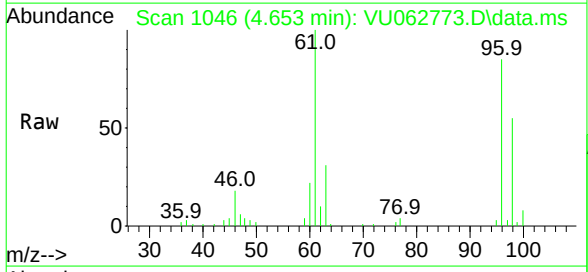
Tgt Ion	Ratio	Lower	Upper
43	100		
72	33.7	17.1	51.2



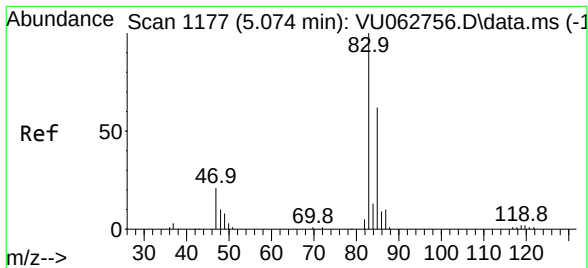
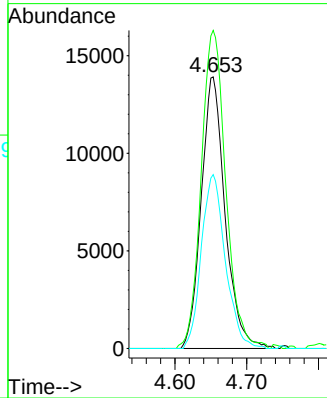
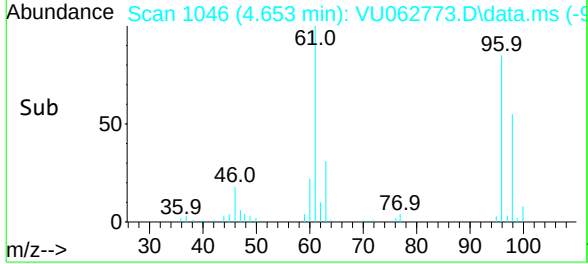


#22
 cis-1,2-Dichloroethene
 Concen: 4.610 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062773.D
 Acq: 15 Jan 2025 17:36

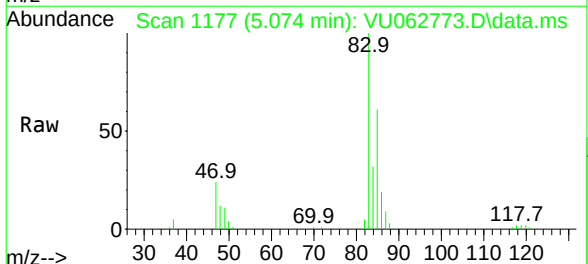
Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ73



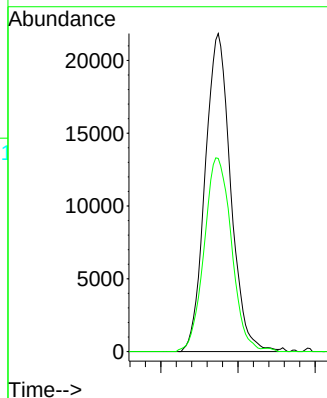
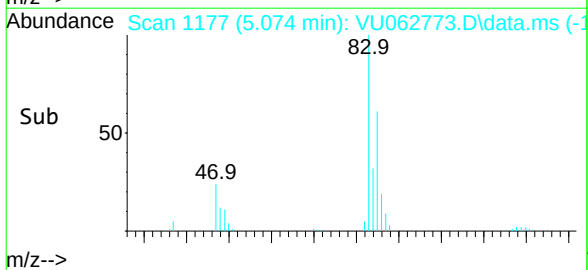
Tgt Ion: 96 Resp: 32169
 Ion Ratio Lower Upper
 96 100
 61 117.1 84.8 157.6
 98 64.0 43.1 80.1

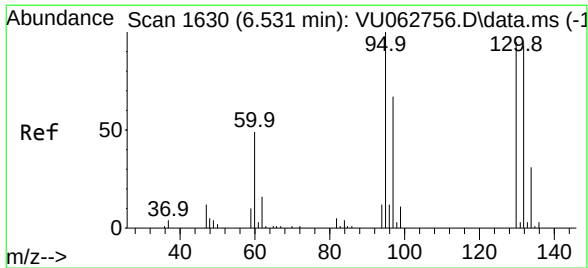


#25
 Chloroform
 Concen: 3.567 ug/L
 RT: 5.074 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: VU062773.D
 Acq: 15 Jan 2025 17:36



Tgt Ion: 83 Resp: 50283
 Ion Ratio Lower Upper
 83 100
 85 60.7 45.8 85.2

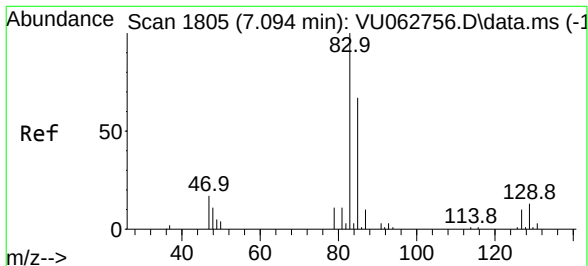
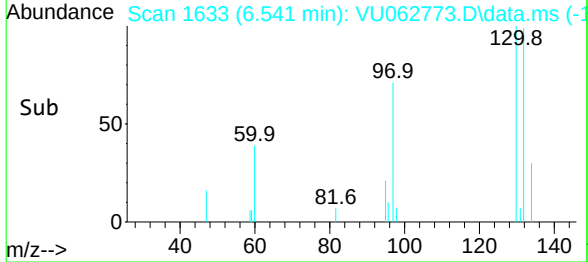
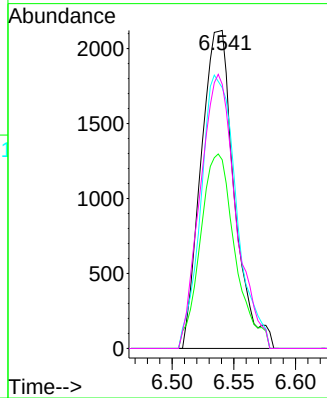
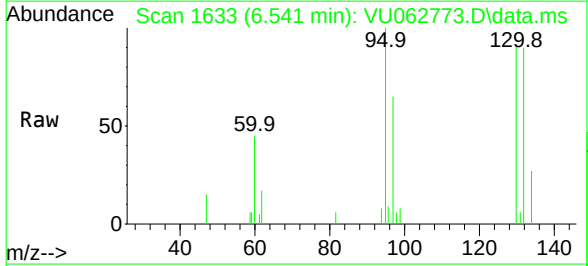




#34
Trichloroethene
Concen: 0.446 ug/L
RT: 6.541 min Scan# 16
Delta R.T. 0.010 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

Instrument :
MSVOA_U
ClientSampleId :
GCQ73

Tgt Ion:	95	Resp:	3963
Ion	Ratio	Lower	Upper
95	100		
97	59.3	47.5	88.3
132	82.0	66.9	124.3
130	83.1	68.6	127.4



#38
Bromodichloromethane
Concen: 1.224 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062773.D
Acq: 15 Jan 2025 17:36

Tgt Ion:	83	Resp:	12076
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.2	82.0
127	9.2	7.8	11.8

