

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062768.D
 Acq On : 15 Jan 2025 15:34
 Operator : MD/SY
 Sample : Q1071-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ68

Quant Time: Jan 16 00:48:37 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)

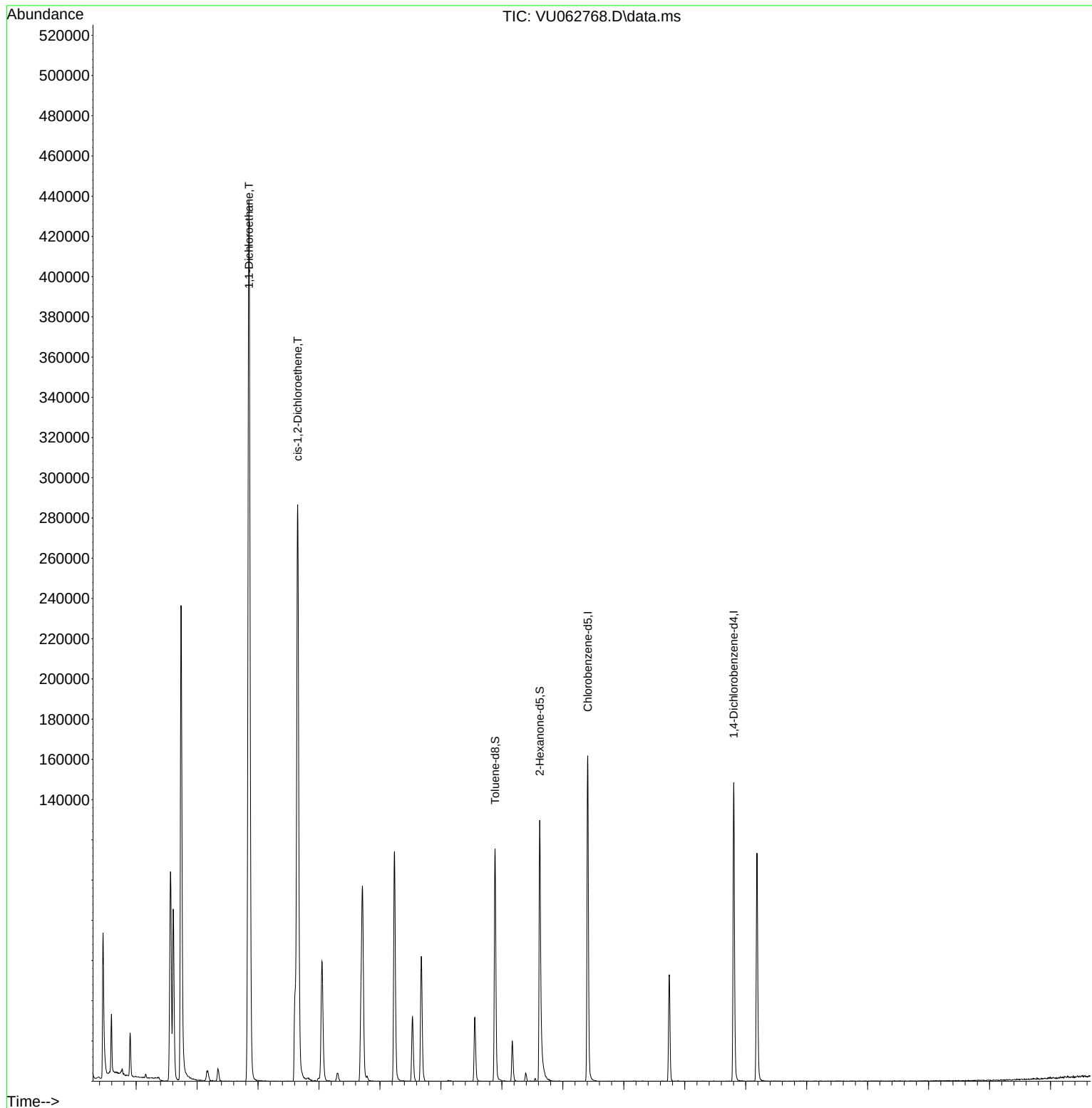
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96596	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90977	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	15766	2.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.901	69	15788	3.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.557	65	9039	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.605	46	56970	52.103	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	5.049	84	56549	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.689	65	33342	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.714	84	89146	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.679	67	26630	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.888	98	79707	3.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.171	79	12748	4.148	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.621	63	46241	47.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24670	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	32128	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.570	96	27191	4.535	ug/L	87
13) Acetone	2.612	43	92804	107.142	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	2789	0.434	ug/L	97
19) 1,1-Dichloroethane	3.853	63	489929	42.653	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	155005	22.156	ug/L	95
25) Chloroform	5.078	83	3108	0.220	ug/L	79
34) Trichloroethene	6.534	95	11092	1.242	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	1570	0.314	ug/L #	74

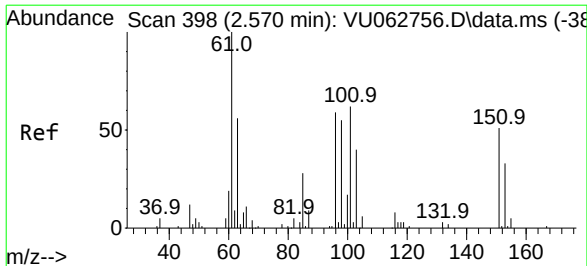
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 00:44:09 2025
Response via : Initial Calibration

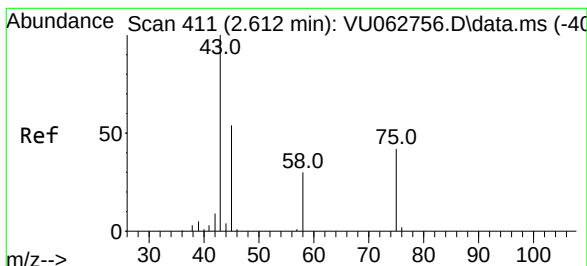
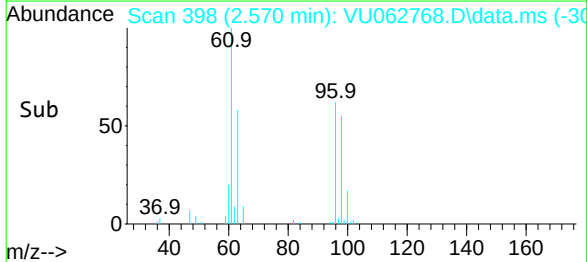
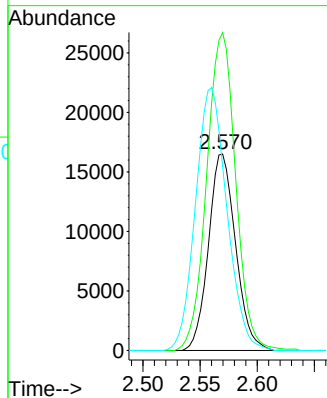
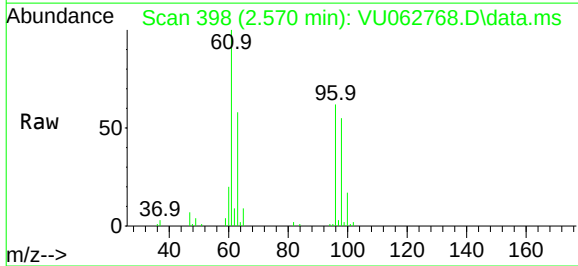




#12
1,1-Dichloroethene
Concen: 4.535 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU062768.D
Acq: 15 Jan 2025 15:34

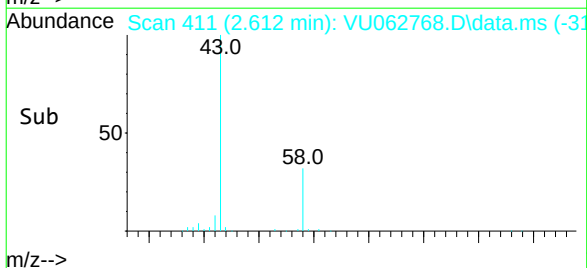
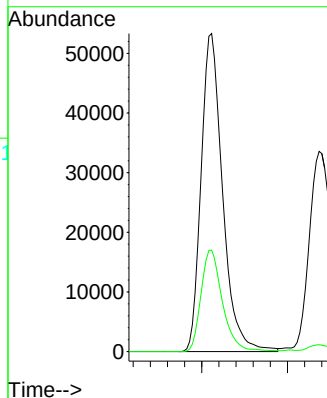
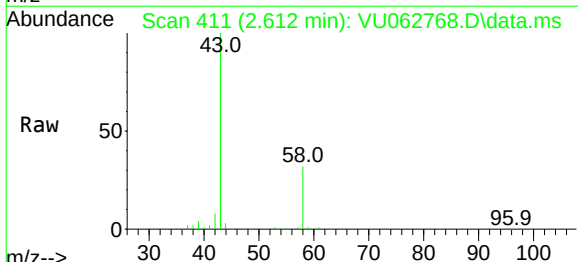
Instrument :
MSVOA_U
ClientSampleId :
GCQ68

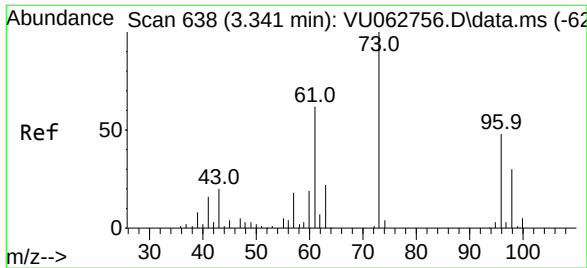
Tgt Ion: 96 Resp: 27191
Ion Ratio Lower Upper
96 100
61 161.9 120.4 223.6
63 93.7 82.3 152.9



#13
Acetone
Concen: 107.142 ug/L
RT: 2.612 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU062768.D
Acq: 15 Jan 2025 15:34

Tgt Ion: 43 Resp: 92804
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.4

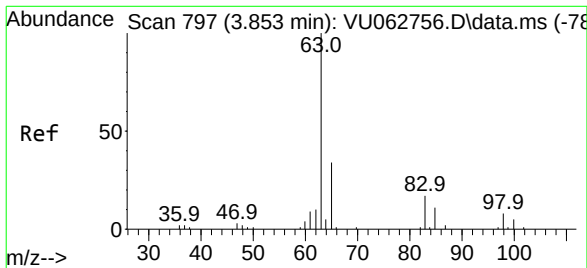
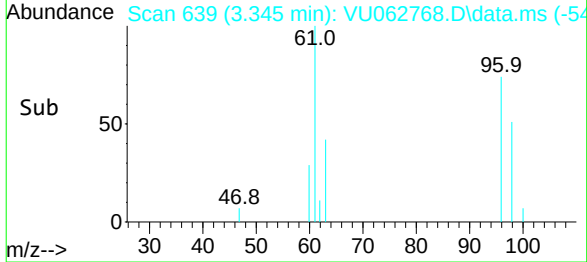
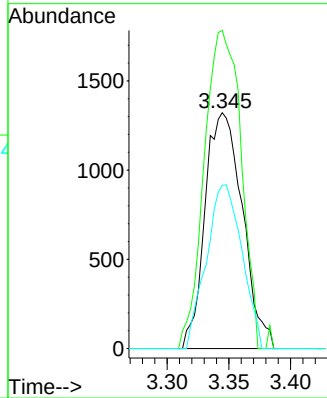
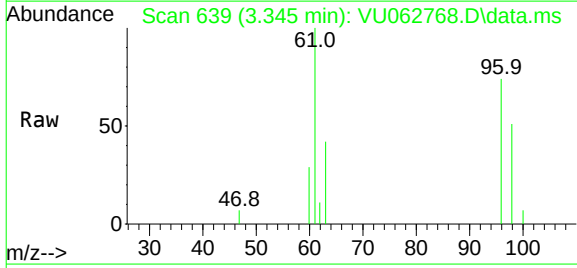




#18
trans-1,2-Dichloroethene
Concen: 0.434 ug/L
RT: 3.345 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU062768.D
Acq: 15 Jan 2025 15:34

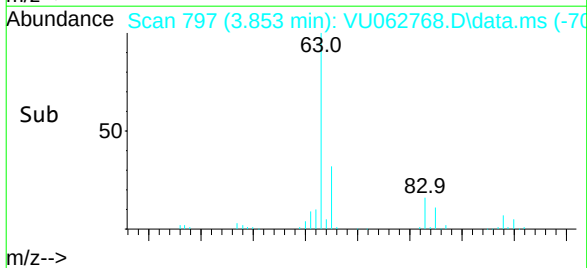
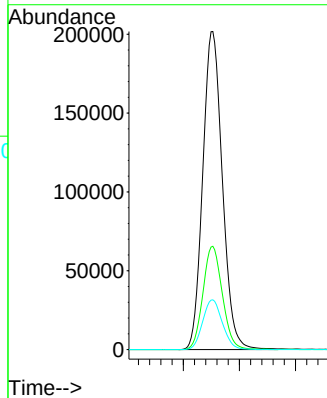
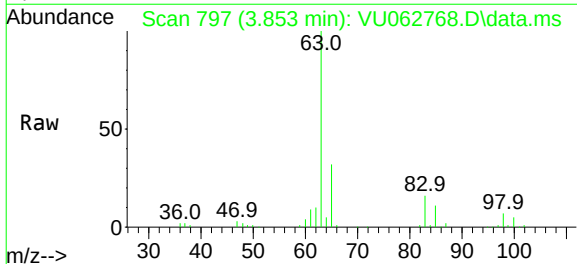
Instrument :
MSVOA_U
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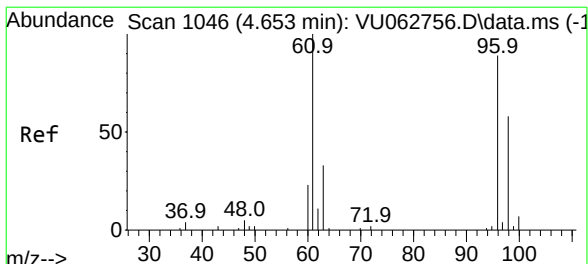
Tgt Ion:	96	Resp:	2789
Ion	Ratio	Lower	Upper
96	100		
61	134.9	94.4	175.2
98	69.2	42.8	79.4



#19
1,1-Dichloroethane
Concen: 42.653 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU062768.D
Acq: 15 Jan 2025 15:34

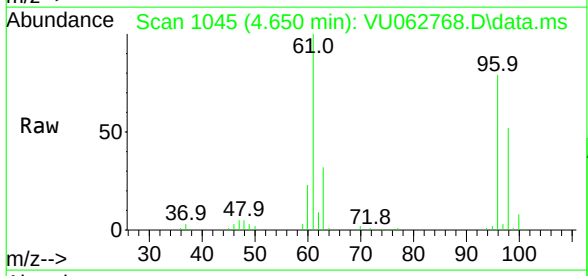
Tgt Ion:	63	Resp:	489929
Ion	Ratio	Lower	Upper
63	100		
65	32.5	20.7	38.5
83	15.6	10.5	19.5



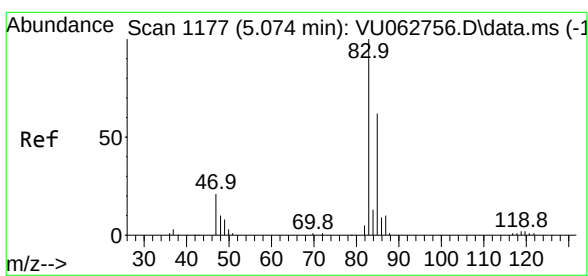
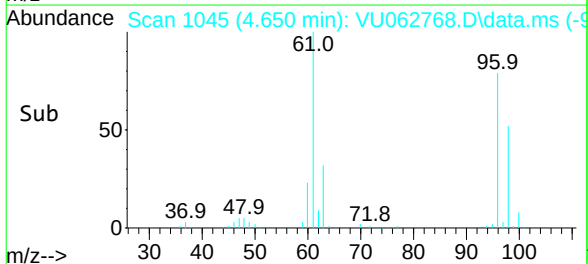
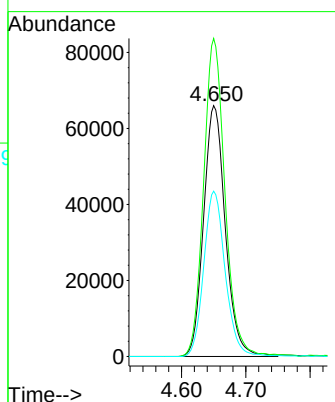


#22
 cis-1,2-Dichloroethene
 Concen: 22.156 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062768.D
 Acq: 15 Jan 2025 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
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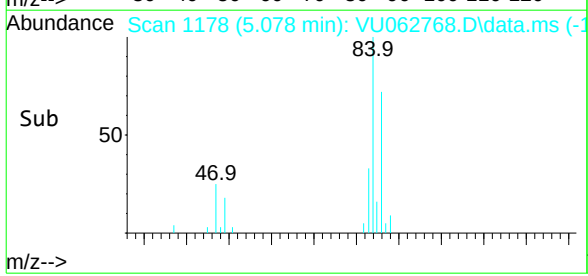
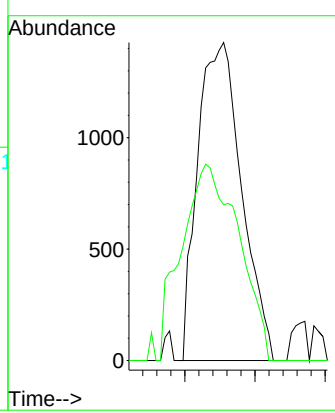
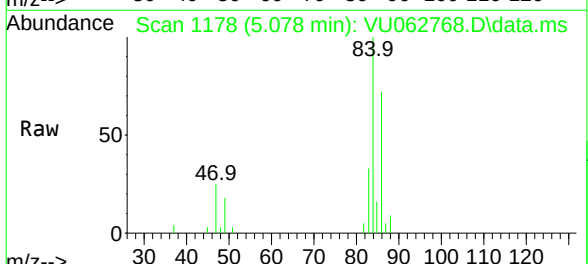


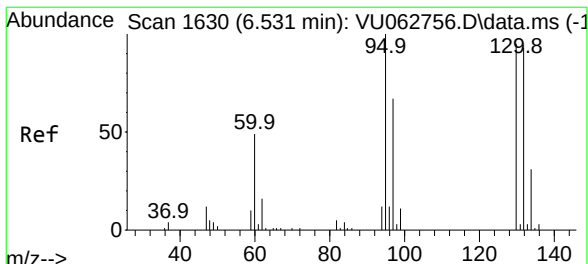
Tgt Ion:	96	Resp:	155005
Ion	Ratio	Lower	Upper
96	100		
61	126.8	84.8	157.6
98	65.9	43.1	80.1



#25
 Chloroform
 Concen: 0.220 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. 0.003 min
 Lab File: VU062768.D
 Acq: 15 Jan 2025 15:34

Tgt Ion:	83	Resp:	3108
Ion	Ratio	Lower	Upper
83	100		
85	49.0	45.8	85.2

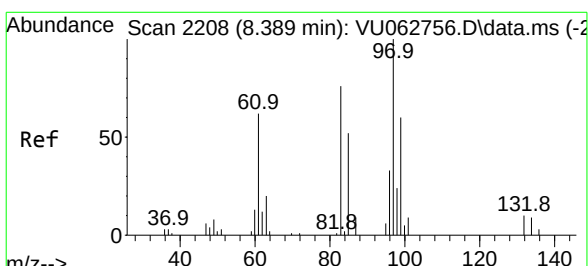
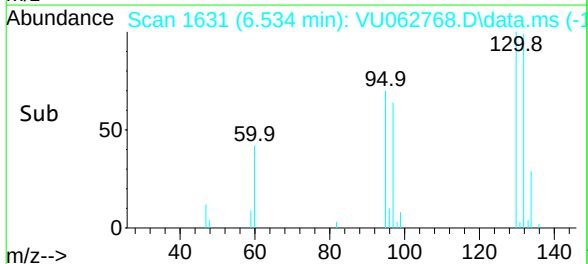
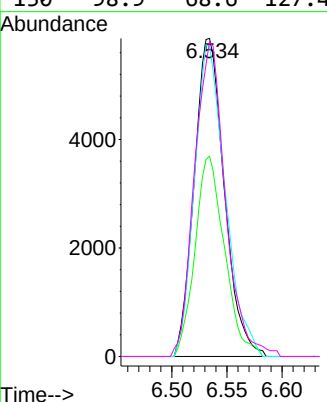
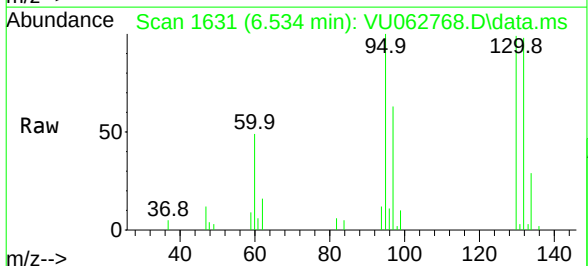




#34
 Trichloroethene
 Concen: 1.242 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU062768.D
 Acq: 15 Jan 2025 15:34

Instrument :
 MSVOA_U
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Tgt Ion:	95	Resp:	11092
Ion	Ratio	Lower	Upper
95	100		
97	63.0	47.5	88.3
132	97.6	66.9	124.3
130	98.9	68.6	127.4



#45
 1,1,2-Trichloroethane
 Concen: 0.314 ug/L
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU062768.D
 Acq: 15 Jan 2025 15:34

Tgt Ion:	97	Resp:	1570
Ion	Ratio	Lower	Upper
97	100		
99	43.5	45.6	84.6#
83	64.9	63.0	117.0
85	39.3	39.0	72.4

