

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011325\
 Data File : VU062718.D
 Acq On : 13 Jan 2025 15:34
 Operator : MD/SY
 Sample : Q1059-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z1

Quant Time: Jan 13 19:03:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 13 18:58:58 2025
 Response via : Initial Calibration

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

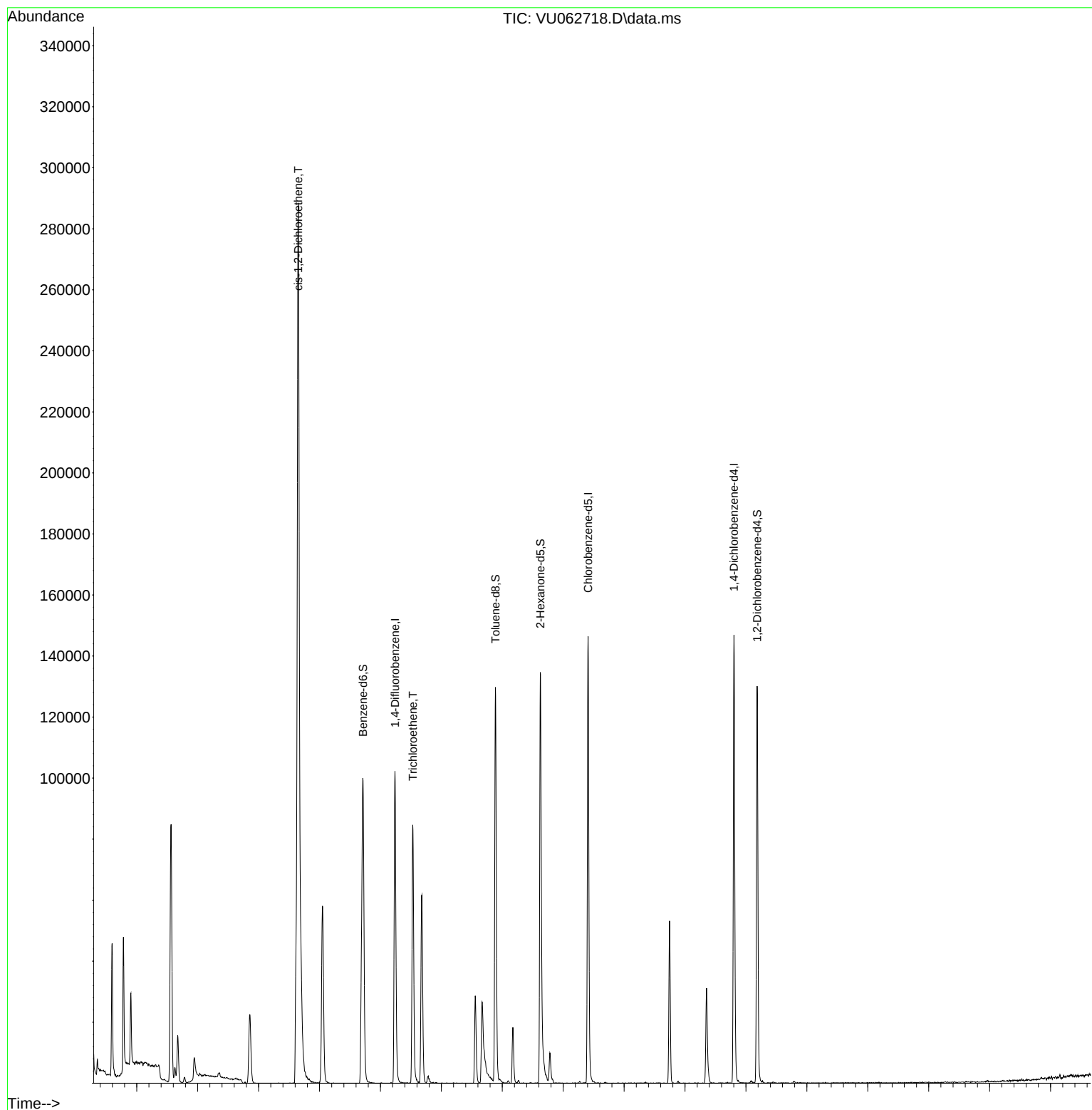
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	86791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18352	3.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.901	69	17042	4.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.554	65	10671	4.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.615	46	55658	56.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.300%
24) Chloroform-d	5.052	84	56328	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	33102	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.714	84	94026	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.679	67	27620	5.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	90702	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.174	79	11554	4.200	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.624	63	46144	53.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23635	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	36578	5.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
5) Vinyl chloride	1.599	62	14705	2.354	ug/L	99
12) 1,1-Dichloroethene	2.570	96	16189	3.005	ug/L	93
13) Acetone	2.631	43	6329	8.132	ug/L	98
15) Methyl Acetate	2.946	43	9670	5.739	ug/L	94
19) 1,1-Dichloroethane	3.859	63	26015	2.521	ug/L	96
21) 2-Butanone	4.695	43	48366	46.664	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	153062	24.350	ug/L	98
34) Trichloroethene	6.531	95	29884	3.740	ug/L	97

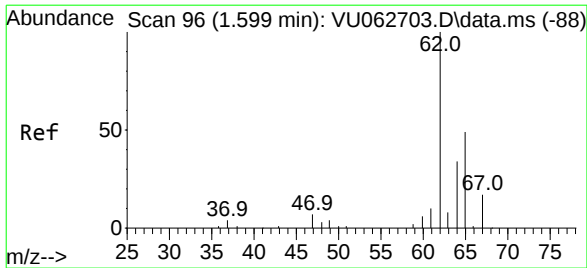
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 13 18:58:58 2025
Response via : Initial Calibration

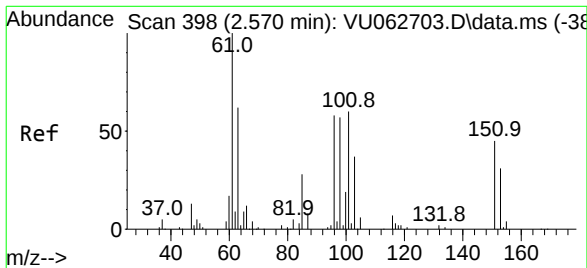
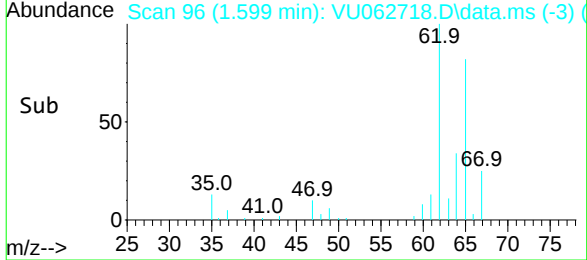
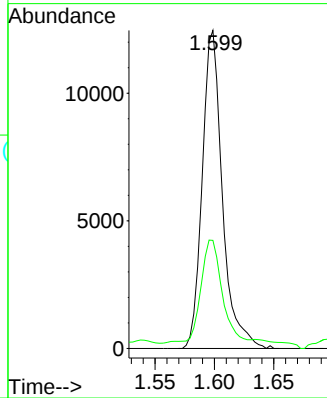
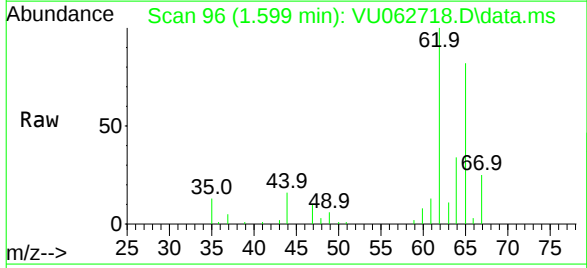




#5
Vinyl chloride
Concen: 2.354 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

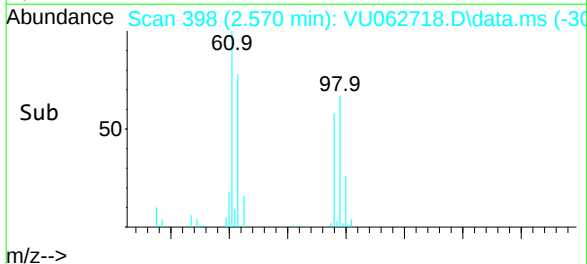
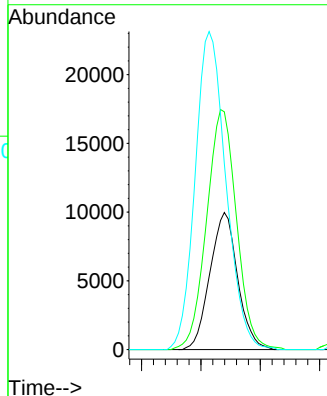
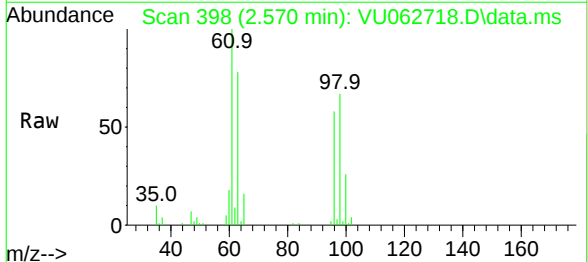
Instrument :
MSVOA_U
ClientSampleId :
BH8Z1

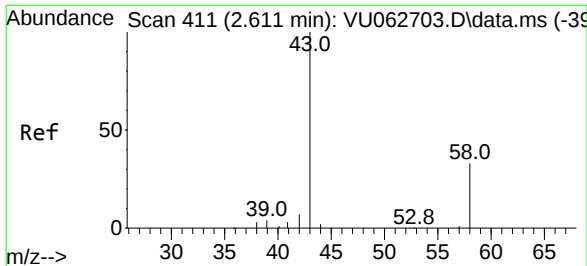
Tgt Ion: 62 Resp: 14705
Ion Ratio Lower Upper
62 100
64 34.0 23.4 43.4



#12
1,1-Dichloroethene
Concen: 3.005 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

Tgt Ion: 96 Resp: 16189
Ion Ratio Lower Upper
96 100
61 173.4 120.4 223.6
63 135.6 82.3 152.9





#13

Acetone

Concen: 8.132 ug/L

RT: 2.631 min Scan# 411

Delta R.T. 0.019 min

Lab File: VU062718.D

Acq: 13 Jan 2025 15:34

Instrument :

MSVOA_U

ClientSampleId :

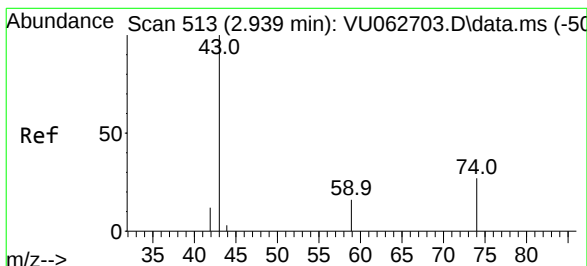
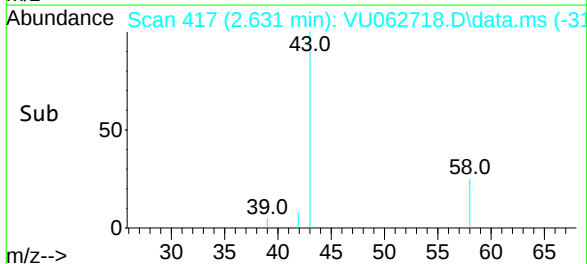
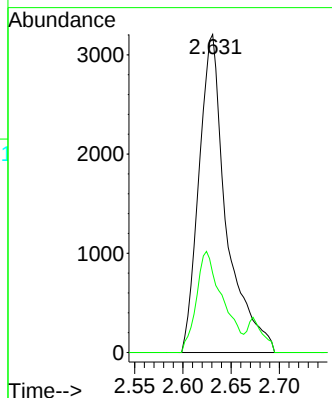
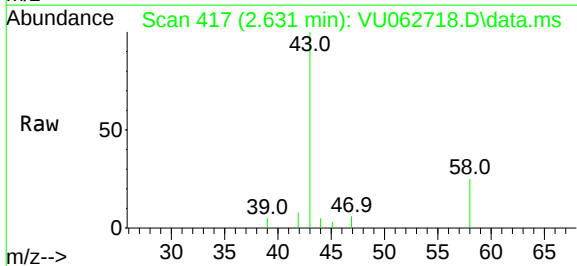
BH8Z1

Tgt Ion: 43 Resp: 6329

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.4



#15

Methyl Acetate

Concen: 5.739 ug/L

RT: 2.946 min Scan# 515

Delta R.T. 0.007 min

Lab File: VU062718.D

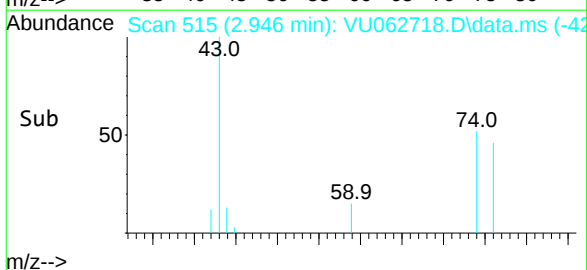
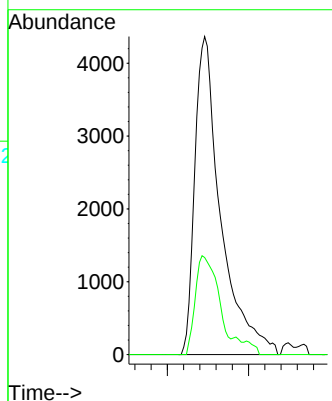
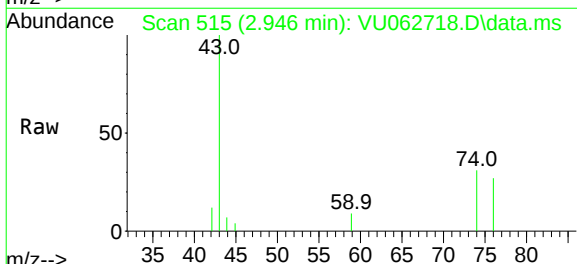
Acq: 13 Jan 2025 15:34

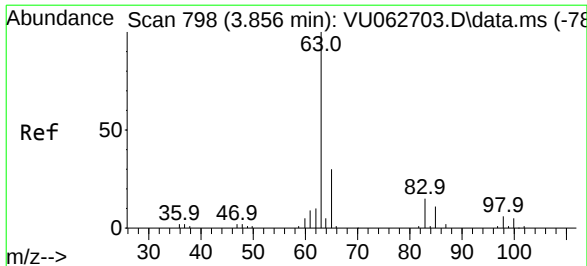
Tgt Ion: 43 Resp: 9670

Ion Ratio Lower Upper

43 100

74 27.4 24.4 36.6

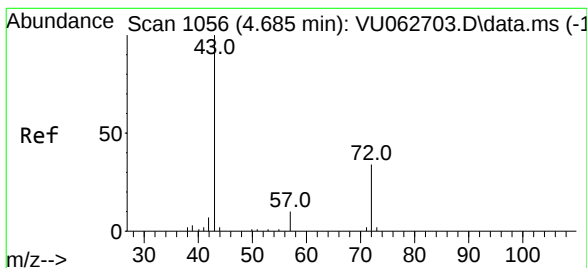
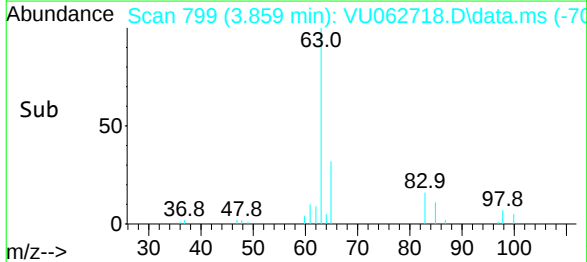
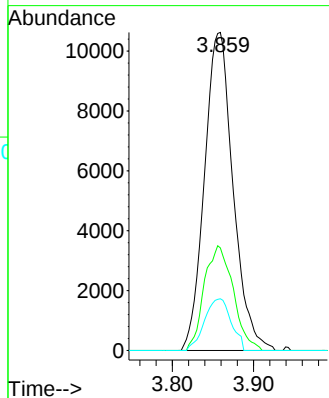
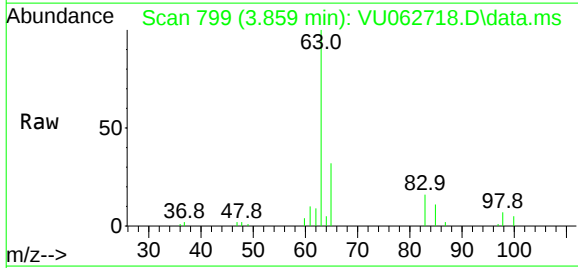




#19
1,1-Dichloroethane
Concen: 2.521 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

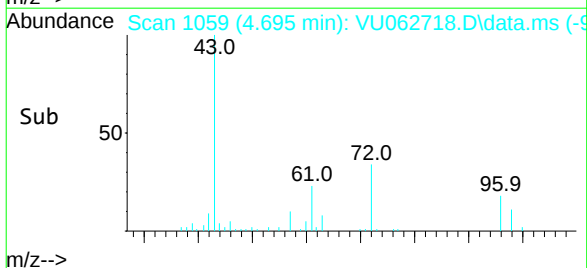
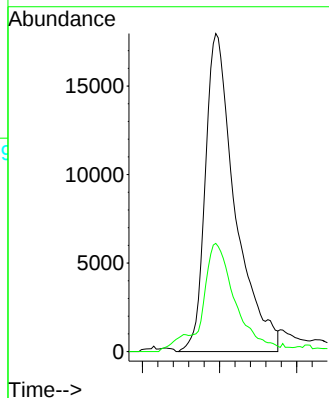
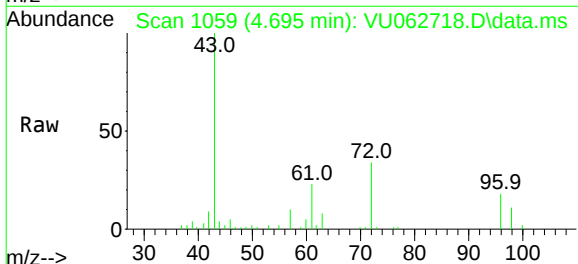
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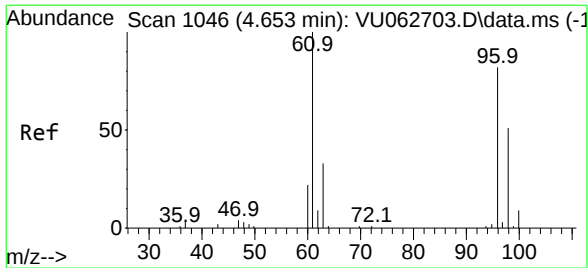
Tgt Ion:	63	Resp:	26015
Ion	Ratio	Lower	Upper
63	100		
65	32.3	20.7	38.5
83	16.3	10.5	19.5



#21
2-Butanone
Concen: 46.664 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.010 min
Lab File: VU062718.D
Acq: 13 Jan 2025 15:34

Tgt Ion:	43	Resp:	48366
Ion	Ratio	Lower	Upper
43	100		
72	32.3	17.1	51.2

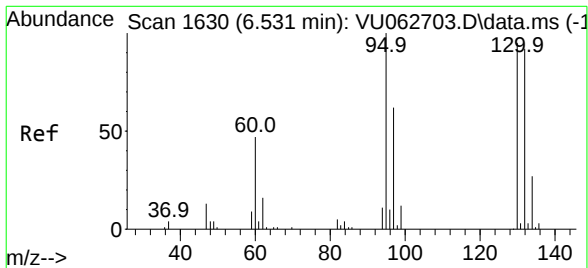
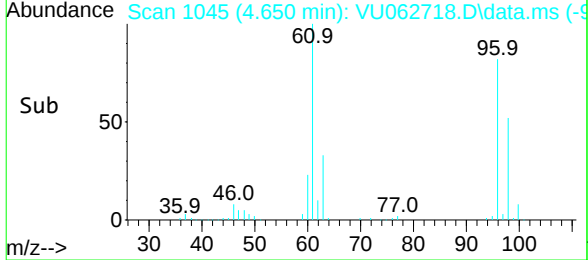
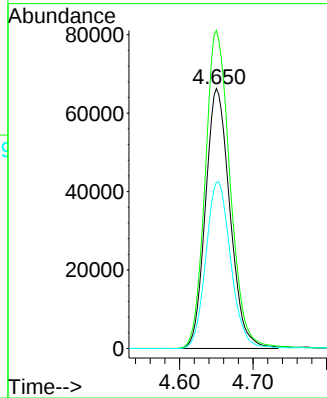
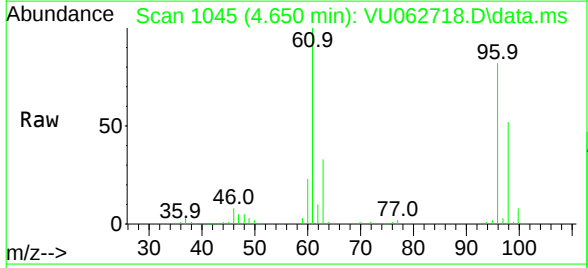




#22
 cis-1,2-Dichloroethene
 Concen: 24.350 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062718.D
 Acq: 13 Jan 2025 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Z1

Tgt Ion:	96	Resp:	153062
Ion	Ratio	Lower	Upper
96	100		
61	122.3	84.8	157.6
98	63.9	43.1	80.1



#34
 Trichloroethene
 Concen: 3.740 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: VU062718.D
 Acq: 13 Jan 2025 15:34

Tgt Ion:	95	Resp:	29884
Ion	Ratio	Lower	Upper
95	100		
97	64.1	47.5	88.3
132	93.1	66.9	124.3
130	95.5	68.6	127.4

