

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062748.D
 Acq On : 14 Jan 2025 16:56
 Operator : MD/SY
 Sample : Q1057-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W9

Quant Time: Jan 15 00:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

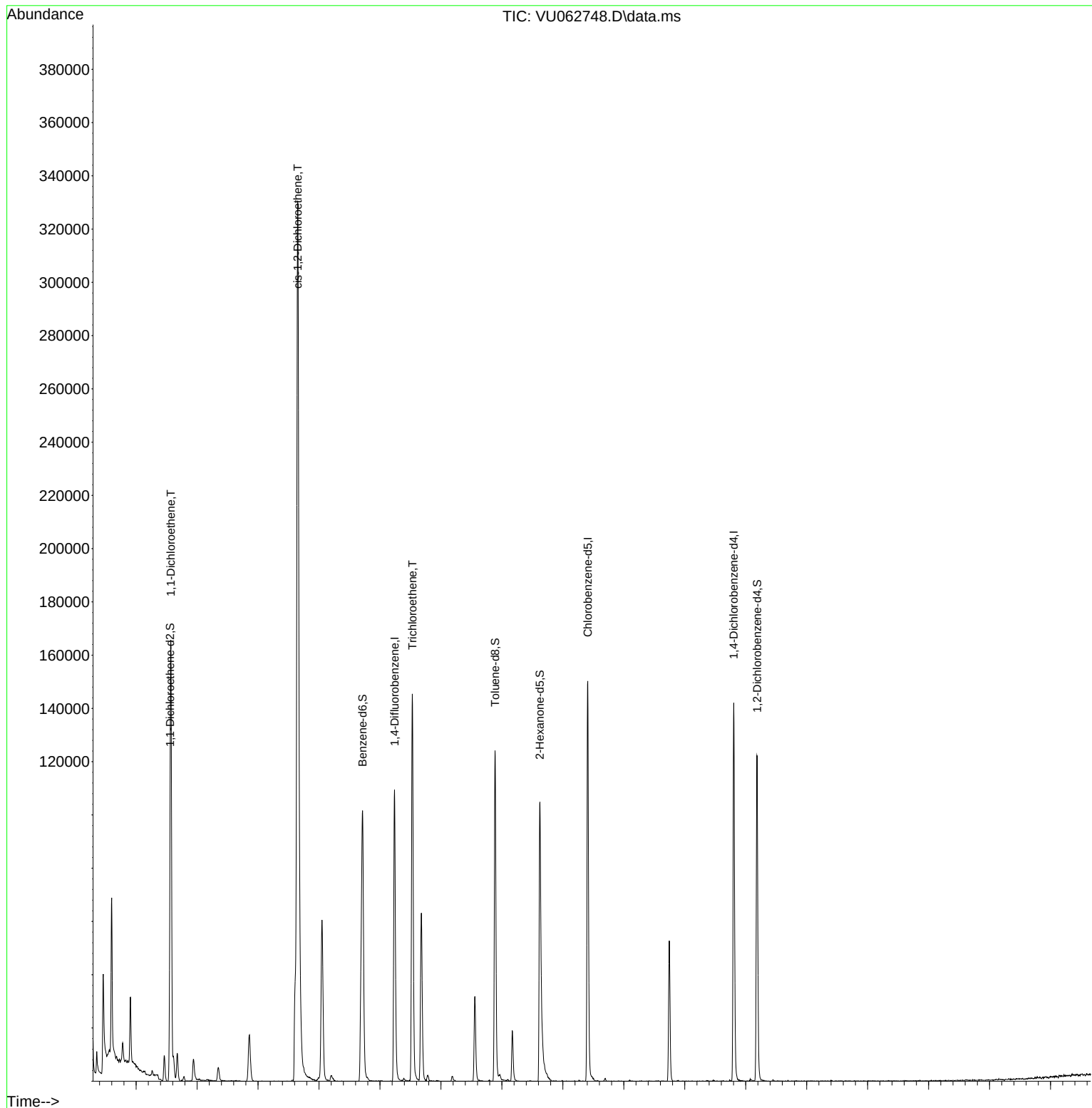
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90140	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18946	3.795	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.907	69	17168	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.557	65	10212	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.608	46	49827	48.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.660%
24) Chloroform-d	5.049	84	59404	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.692	65	33859	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.714	84	96435	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.679	67	28406	4.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.888	98	89161	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.171	79	12123	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.621	63	42142	46.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25257	5.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	35297	5.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	23771	3.663	ug/L #	56
12) 1,1-Dichloroethene	2.570	96	47358	8.463	ug/L	88
13) Acetone	2.615	43	8886	10.994	ug/L	95
15) Methyl Acetate	2.939	43	10210	5.834	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	2001	0.130	ug/L #	84
18) trans-1,2-Dichloroethene	3.341	96	1772	0.296	ug/L	97
19) 1,1-Dichloroethane	3.856	63	20693	1.931	ug/L	96
21) 2-Butanone	4.689	43	40850	37.948	ug/L	91
22) cis-1,2-Dichloroethene	4.650	96	181474	27.797	ug/L	98
34) Trichloroethene	6.531	95	51337	6.137	ug/L	98

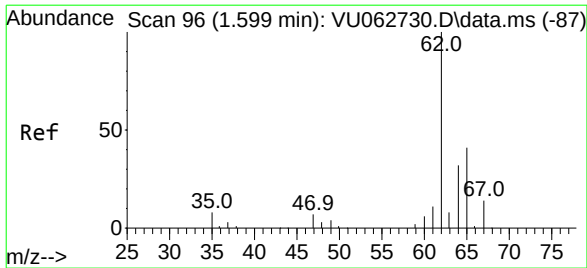
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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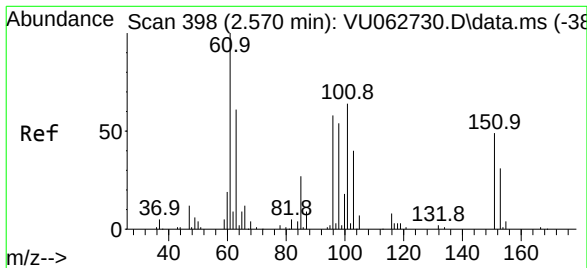
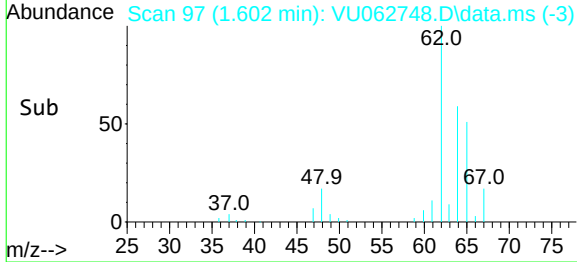
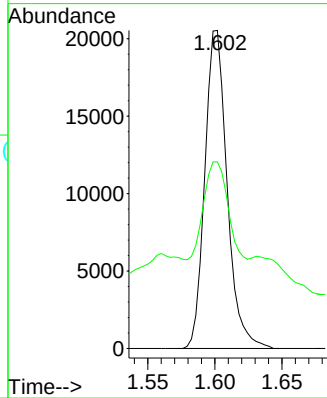
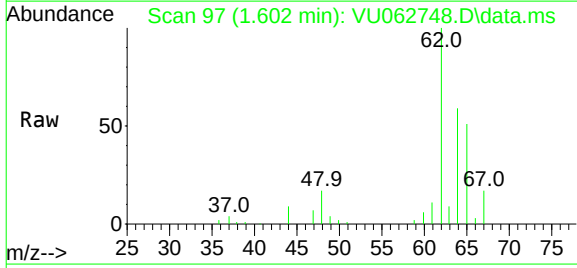




#5
 Vinyl chloride
 Concen: 3.663 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU062748.D
 Acq: 14 Jan 2025 16:56

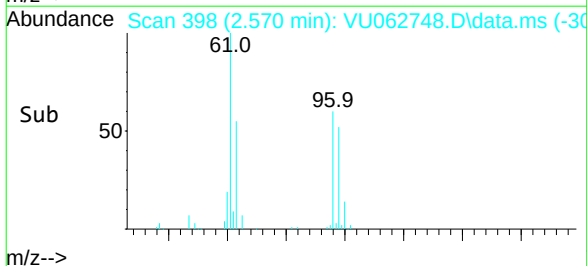
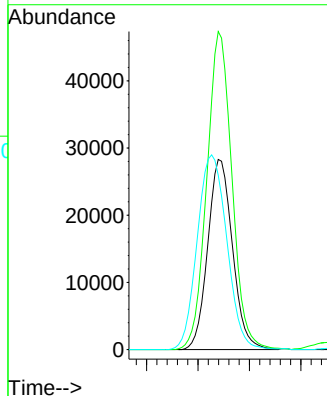
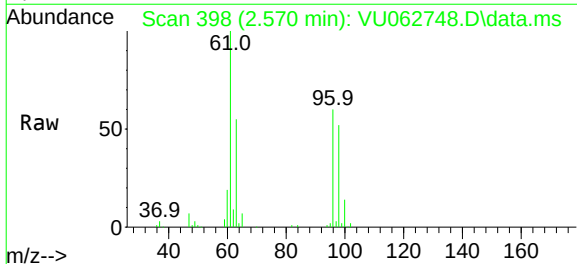
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W9

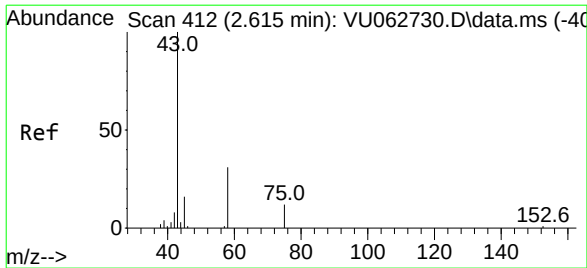
Tgt Ion: 62 Resp: 23771
 Ion Ratio Lower Upper
 62 100
 64 58.7 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 8.463 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062748.D
 Acq: 14 Jan 2025 16:56

Tgt Ion: 96 Resp: 47358
 Ion Ratio Lower Upper
 96 100
 61 167.3 120.4 223.6
 63 91.7 82.3 152.9





#13

Acetone

Concen: 10.994 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU062748.D

Acq: 14 Jan 2025 16:56

Instrument :

MSVOA_U

ClientSampleId :

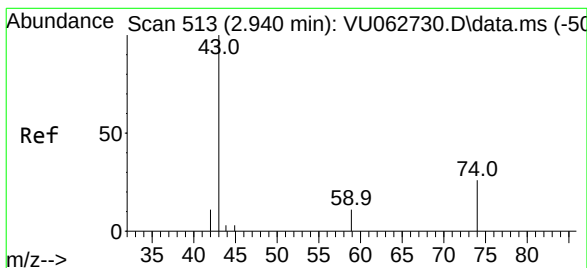
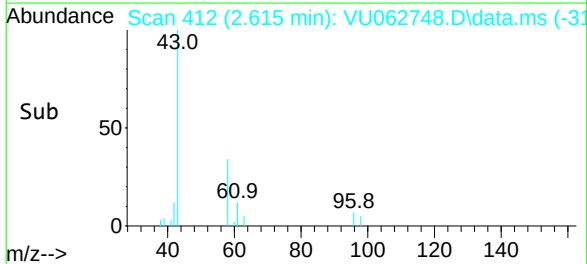
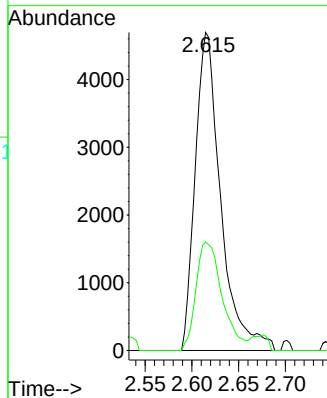
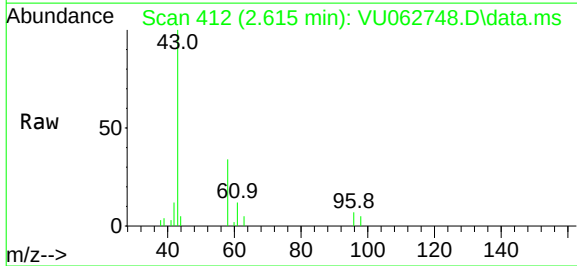
BH8W9

Tgt Ion: 43 Resp: 8886

Ion Ratio Lower Upper

43 100

58 35.1 0.0 64.4



#15

Methyl Acetate

Concen: 5.834 ug/L

RT: 2.939 min Scan# 513

Delta R.T. -0.000 min

Lab File: VU062748.D

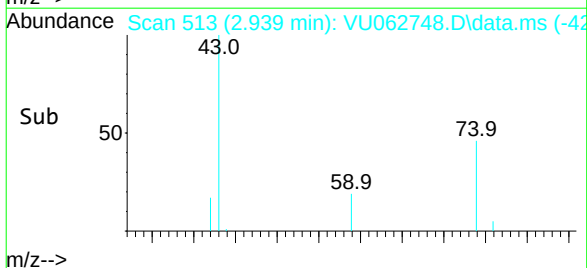
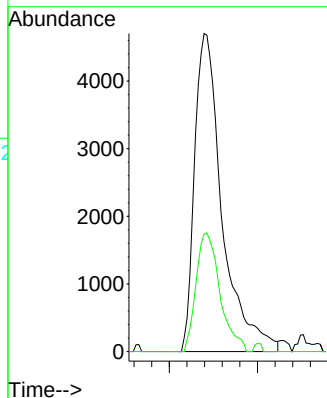
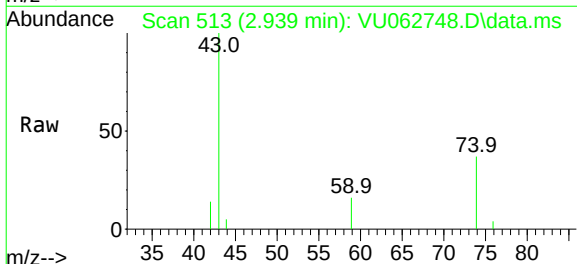
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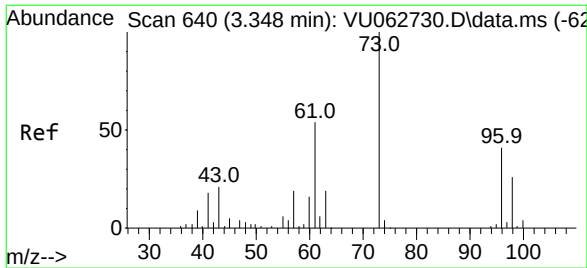
Tgt Ion: 43 Resp: 10210

Ion Ratio Lower Upper

43 100

74 32.4 24.4 36.6

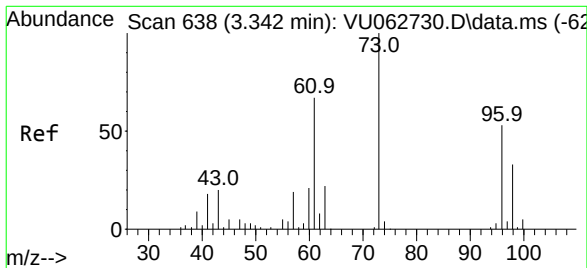
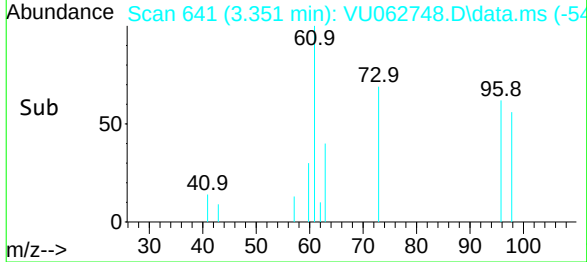
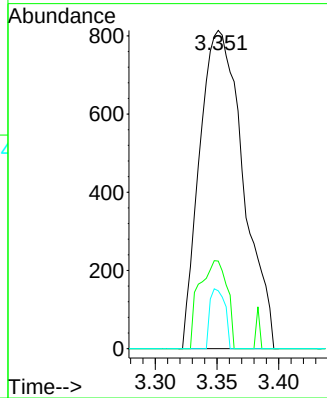
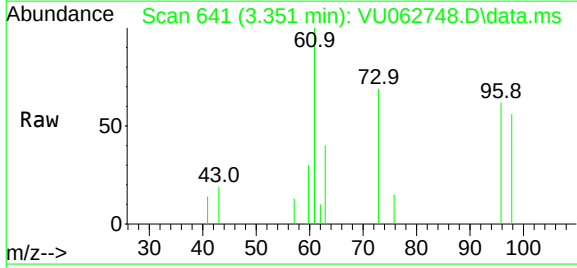




#17
Methyl tert-butyl Ether
Concen: 0.130 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062748.D
Acq: 14 Jan 2025 16:56

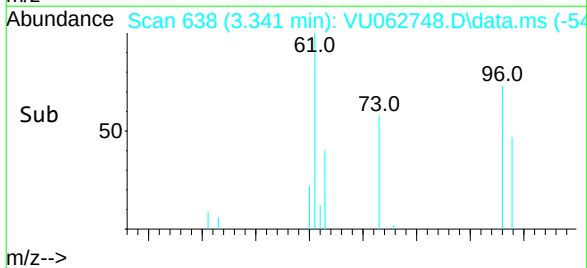
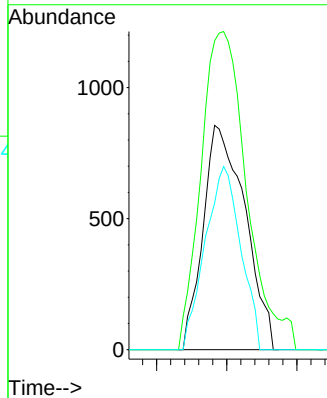
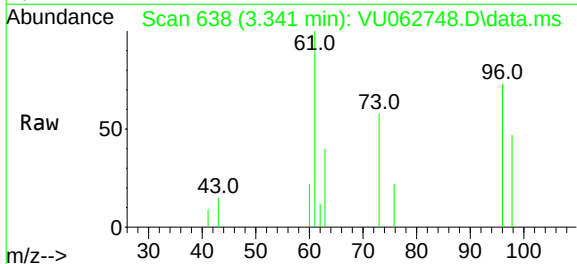
Instrument :
MSVOA_U
ClientSampleId :
BH8W9

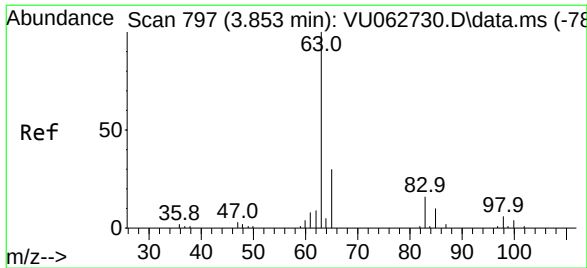
Tgt Ion: 73 Resp: 2001
Ion Ratio Lower Upper
73 100
43 17.4 16.2 24.4
57 6.4 14.6 22.0#



#18
trans-1,2-Dichloroethene
Concen: 0.296 ug/L
RT: 3.341 min Scan# 638
Delta R.T. -0.000 min
Lab File: VU062748.D
Acq: 14 Jan 2025 16:56

Tgt Ion: 96 Resp: 1772
Ion Ratio Lower Upper
96 100
61 137.7 94.4 175.2
98 65.4 42.8 79.4

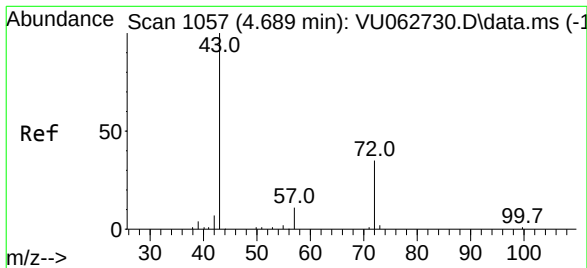
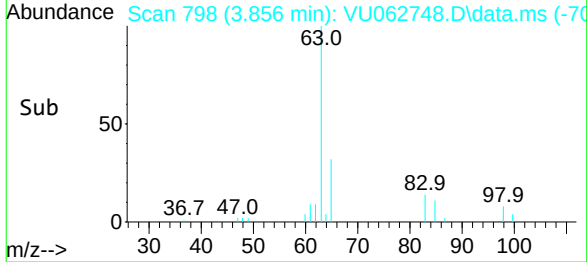
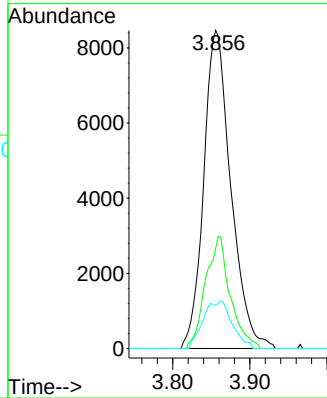
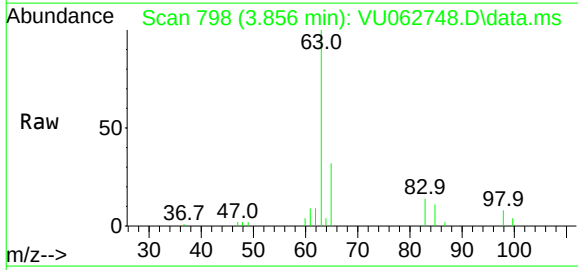




#19
1,1-Dichloroethane
Concen: 1.931 ug/L
RT: 3.856 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062748.D
Acq: 14 Jan 2025 16:56

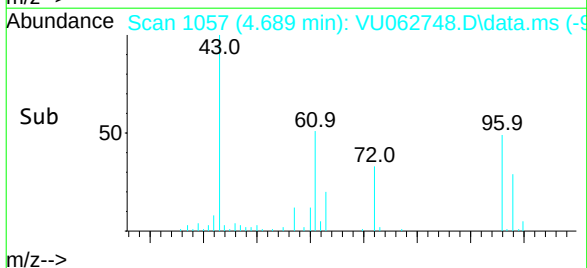
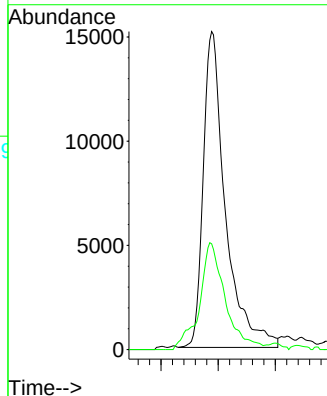
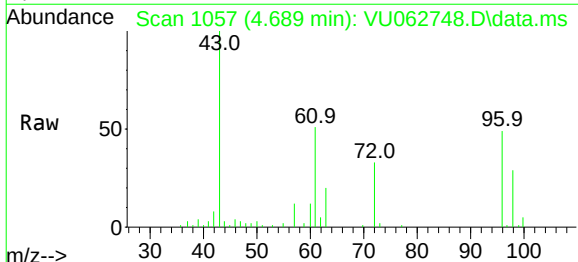
Instrument :
MSVOA_U
ClientSampleId :
BH8W9

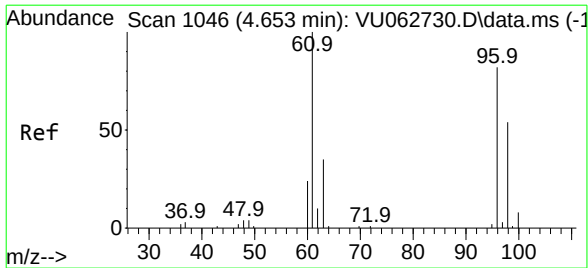
Tgt Ion:	63	Resp:	20693
Ion	Ratio	Lower	Upper
63	100		
65	31.6	20.7	38.5
83	13.6	10.5	19.5



#21
2-Butanone
Concen: 37.948 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU062748.D
Acq: 14 Jan 2025 16:56

Tgt Ion:	43	Resp:	40850
Ion	Ratio	Lower	Upper
43	100		
72	39.1	17.1	51.2

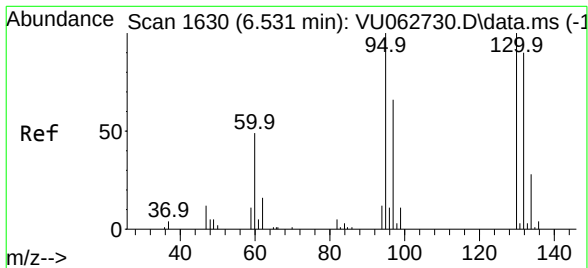
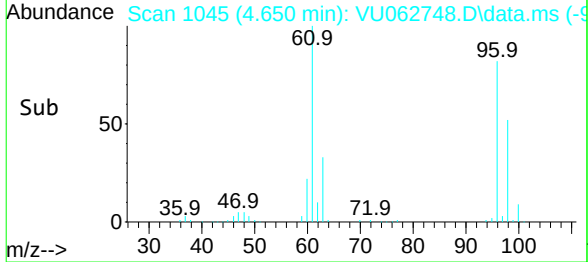
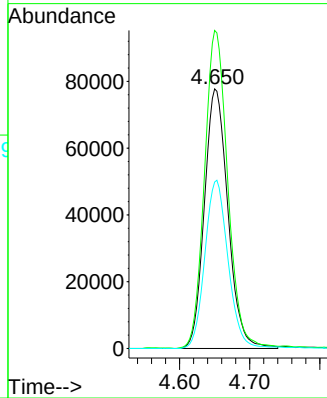
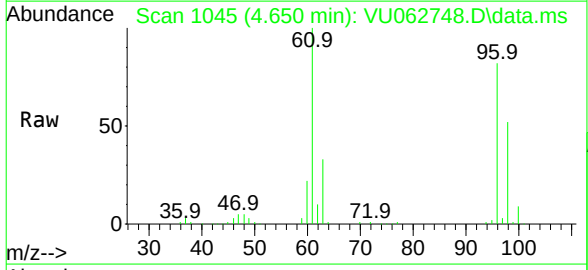




#22
 cis-1,2-Dichloroethene
 Concen: 27.797 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062748.D
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Tgt Ion:	96	Resp:	181474
Ion	Ratio	Lower	Upper
96	100		
61	122.5	84.8	157.6
98	64.1	43.1	80.1



#34
 Trichloroethene
 Concen: 6.137 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: VU062748.D
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Tgt Ion:	95	Resp:	51337
Ion	Ratio	Lower	Upper
95	100		
97	66.6	47.5	88.3
132	97.0	66.9	124.3
130	102.0	68.6	127.4

