

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062816.D
 Acq On : 16 Jan 2025 13:47
 Operator : MD/SY
 Sample : Q1058-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X5

Quant Time: Jan 16 22:06:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

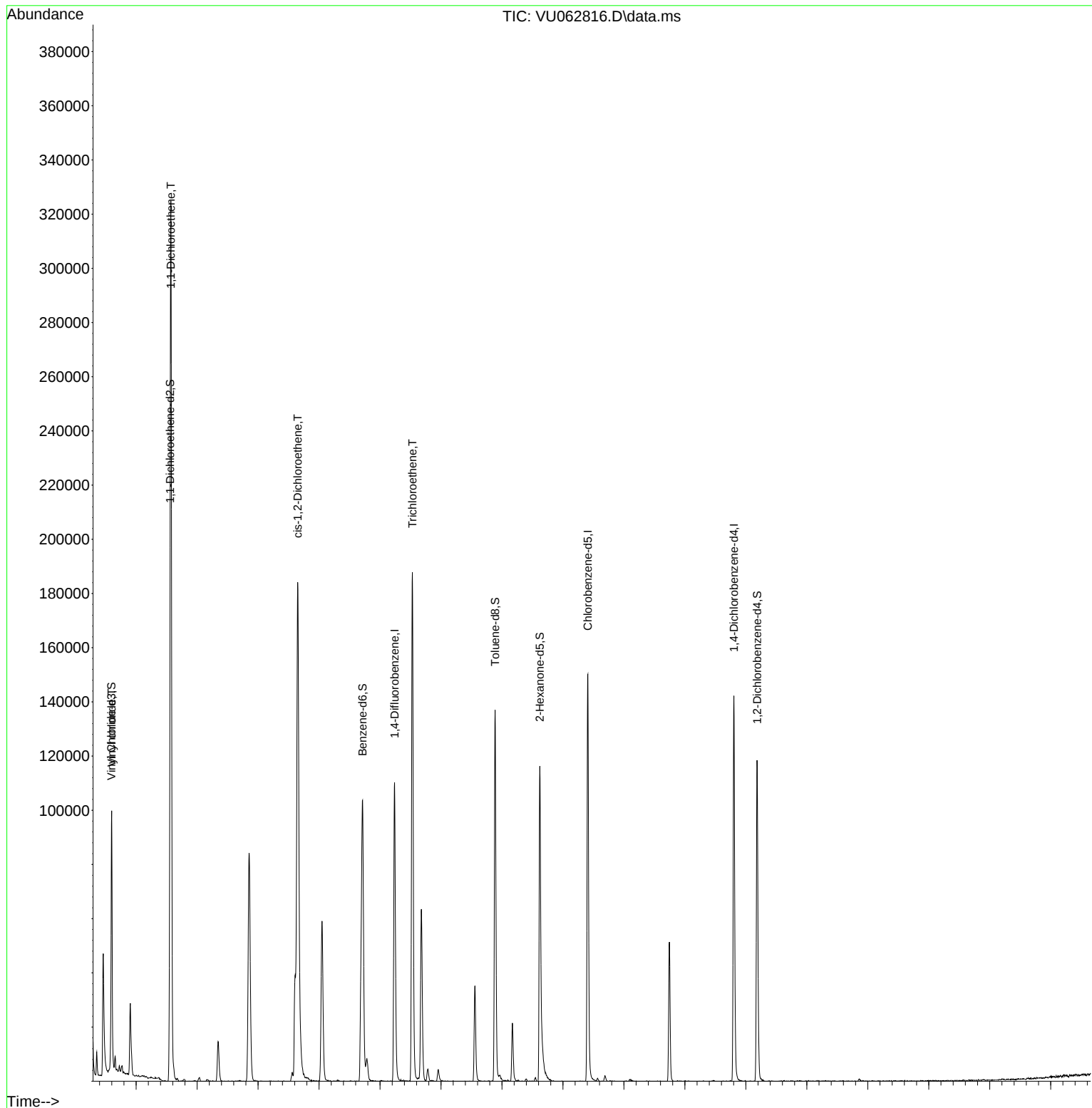
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40570	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21722	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.904	69	19061	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.557	65	11673	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.605	46	53504	51.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.049	84	56731	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.689	65	34088	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	98085	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.679	67	28037	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.888	98	94970	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.171	79	13575	4.723	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.621	63	42688	47.219	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23606	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	34273	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	45799	6.979	ug/L	94
8) Chloroethane	1.923	64	4157	1.054	ug/L	93
12) 1,1-Dichloroethene	2.570	96	100991	17.846	ug/L #	79
13) Acetone	2.615	43	3779	4.623	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	2330	0.150	ug/L #	74
18) trans-1,2-Dichloroethene	3.341	96	6033	0.995	ug/L	94
19) 1,1-Dichloroethane	3.856	63	93676	8.642	ug/L	96
21) 2-Butanone	4.692	43	17127	15.732	ug/L	87
22) cis-1,2-Dichloroethene	4.650	96	100329	15.196	ug/L	97
27) 1,2-Dichloroethane	5.785	62	7274	0.834	ug/L	97
34) Trichloroethene	6.531	95	64994	7.783	ug/L	98

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

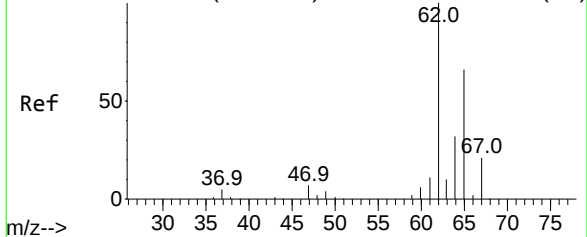
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062816.D
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QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration



Abundance Scan 96 (1.599 min): VU062805.D\data.ms (-88)



#5

Vinyl chloride

Concen: 6.979 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU062816.D

Acq: 16 Jan 2025 13:47

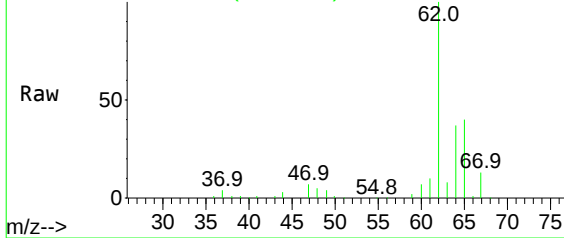
Instrument :

MSVOA_U

ClientSampleId :

BH8X5

Abundance Scan 96 (1.599 min): VU062816.D\data.ms

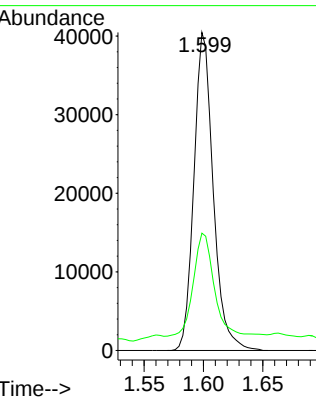


Tgt Ion: 62 Resp: 45799

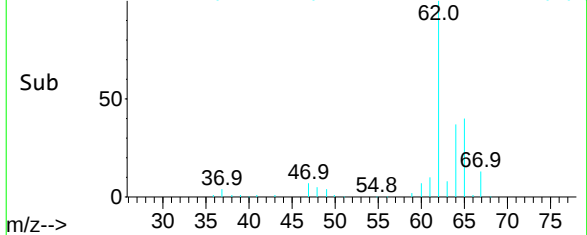
Ion Ratio Lower Upper

62 100

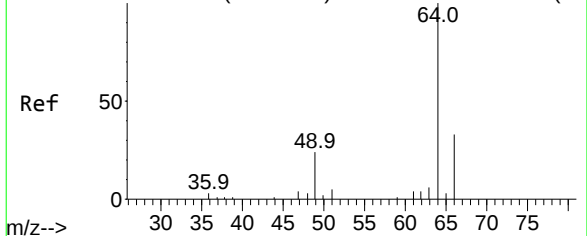
64 36.9 23.4 43.4



Abundance Scan 96 (1.599 min): VU062816.D\data.ms (-3)



Abundance Scan 197 (1.923 min): VU062805.D\data.ms (-16)



#8

Chloroethane

Concen: 1.054 ug/L

RT: 1.923 min Scan# 197

Delta R.T. 0.000 min

Lab File: VU062816.D

Acq: 16 Jan 2025 13:47

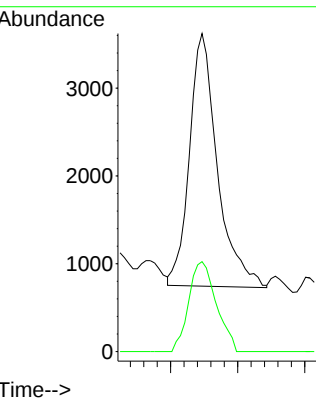
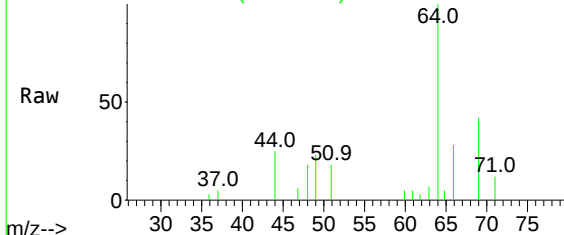
Tgt Ion: 64 Resp: 4157

Ion Ratio Lower Upper

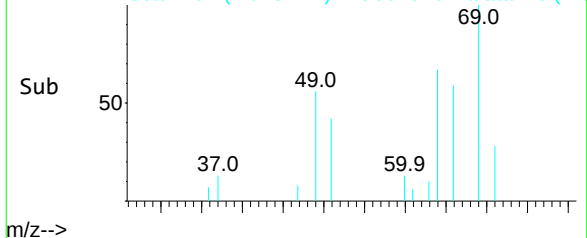
64 100

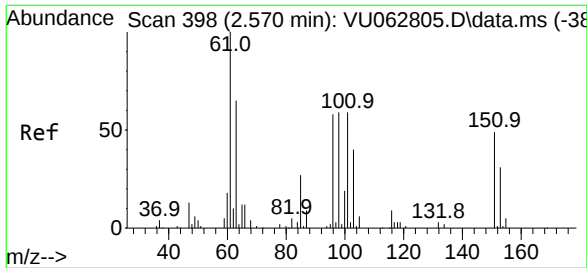
66 27.0 21.6 40.2

Abundance Scan 197 (1.923 min): VU062816.D\data.ms



Abundance Scan 197 (1.923 min): VU062816.D\data.ms (-10)





#12

1,1-Dichloroethene

Concen: 17.846 ug/L

RT: 2.570 min Scan# 39

Delta R.T. 0.000 min

Lab File: VU062816.D

Acq: 16 Jan 2025 13:47

Instrument :

MSVOA_U

ClientSampleId :

BH8X5

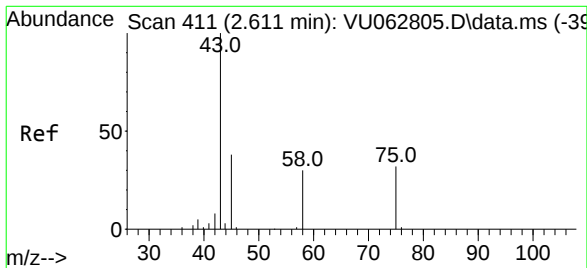
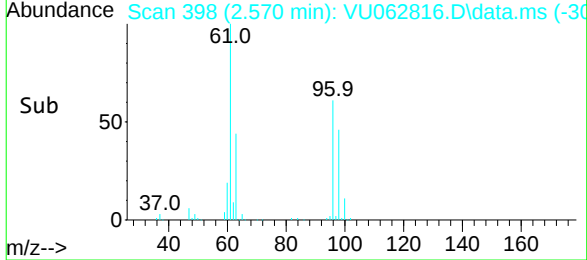
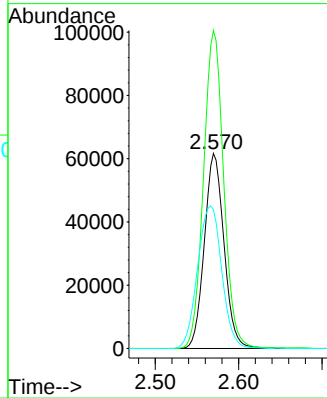
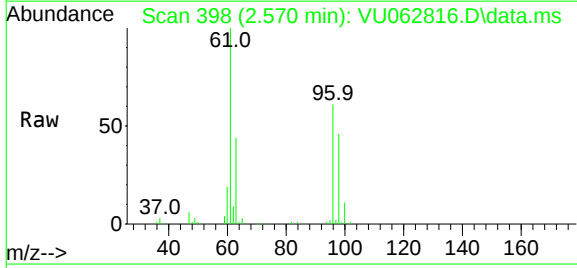
Tgt Ion: 96 Resp: 100991

Ion Ratio Lower Upper

96 100

61 163.0 120.4 223.6

63 71.1 82.3 152.9#



#13

Acetone

Concen: 4.623 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU062816.D

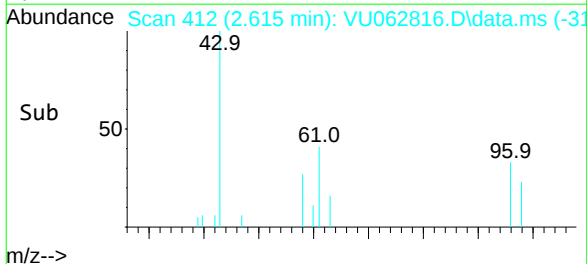
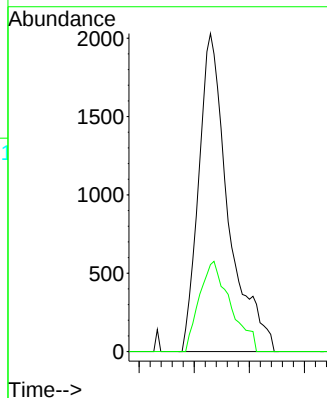
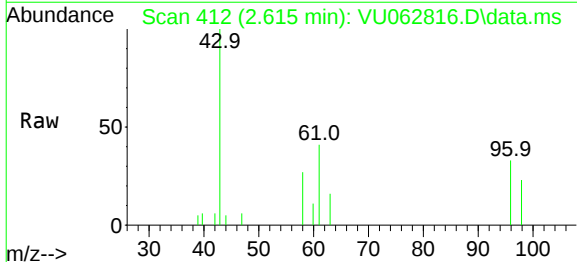
Acq: 16 Jan 2025 13:47

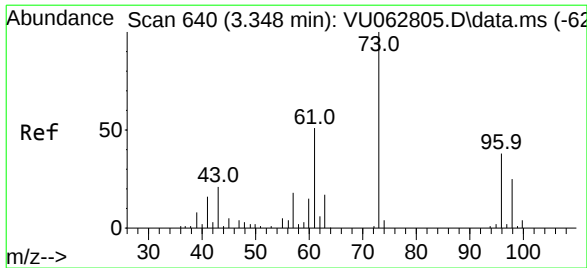
Tgt Ion: 43 Resp: 3779

Ion Ratio Lower Upper

43 100

58 30.0 0.0 64.4

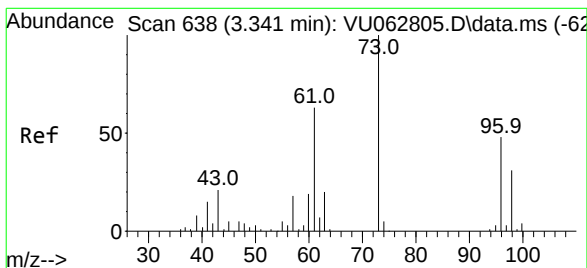
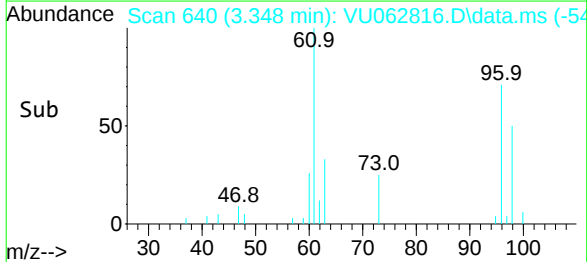
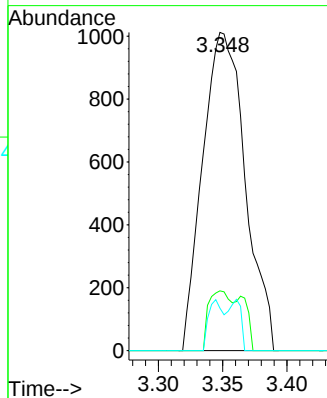
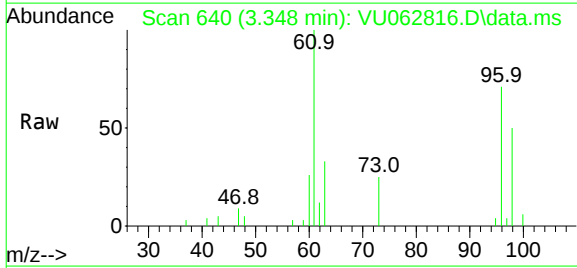




#17
Methyl tert-butyl Ether
Concen: 0.150 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062816.D
Acq: 16 Jan 2025 13:47

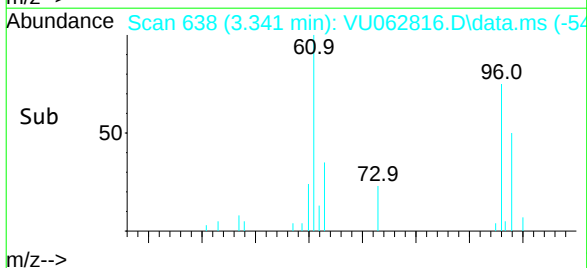
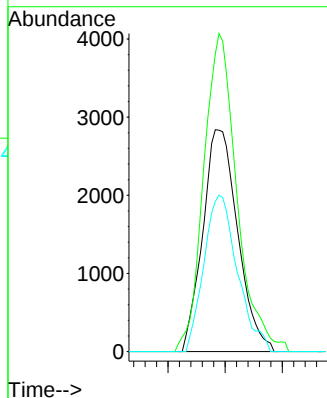
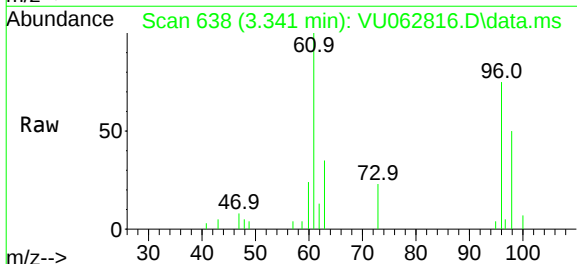
Instrument :
MSVOA_U
ClientSampleId :
BH8X5

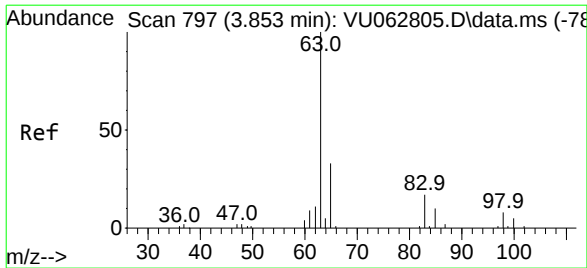
Tgt Ion: 73	Resp: 2330
Ion Ratio	Lower Upper
73 100	
43 9.9	16.2 24.4#
57 5.5	14.6 22.0#



#18
trans-1,2-Dichloroethene
Concen: 0.995 ug/L
RT: 3.341 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062816.D
Acq: 16 Jan 2025 13:47

Tgt Ion: 96	Resp: 6033
Ion Ratio	Lower Upper
96 100	
61 126.3	94.4 175.2
98 63.7	42.8 79.4

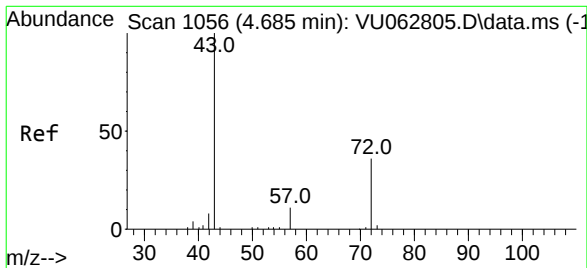
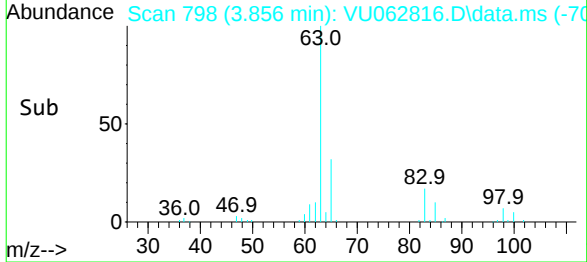
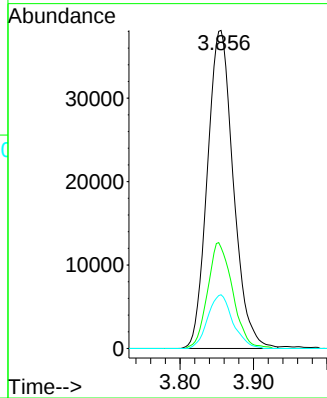
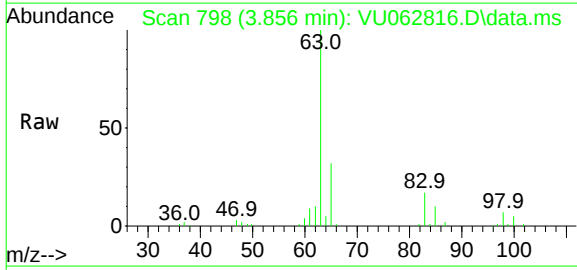




#19
1,1-Dichloroethane
Concen: 8.642 ug/L
RT: 3.856 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU062816.D
Acq: 16 Jan 2025 13:47

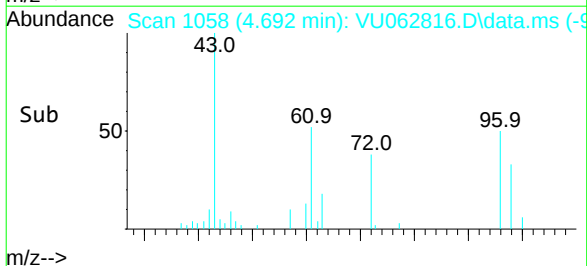
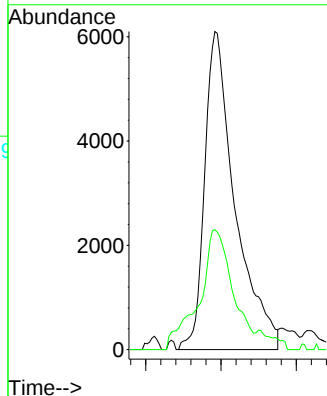
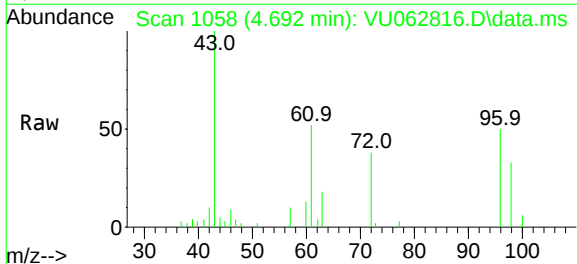
Instrument :
MSVOA_U
ClientSampleId :
BH8X5

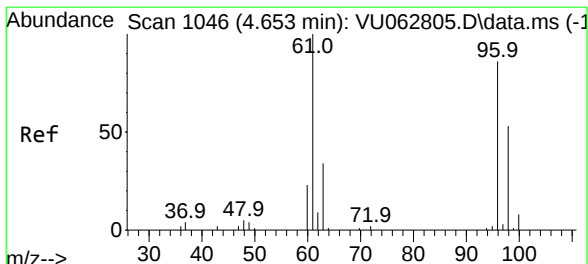
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	20.7	38.5
83	16.9	10.5	19.5



#21
2-Butanone
Concen: 15.732 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VU062816.D
Acq: 16 Jan 2025 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
72	41.4	17.1	51.2

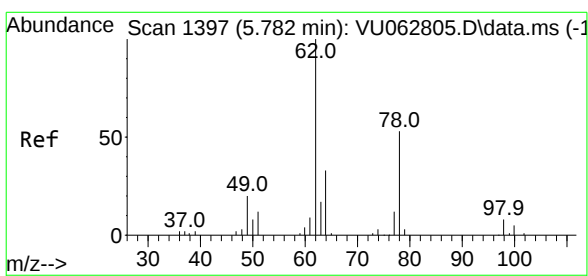
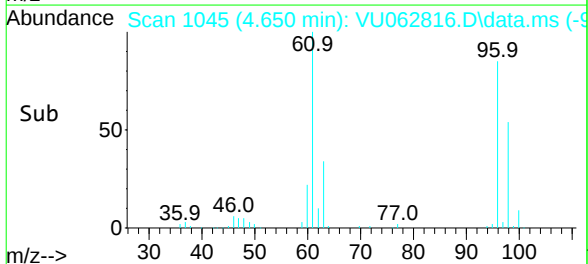
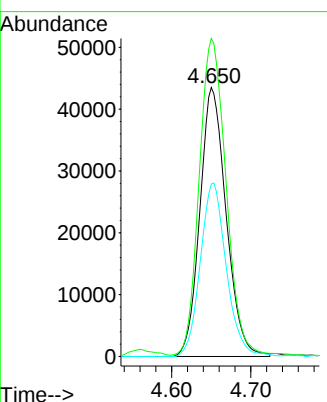
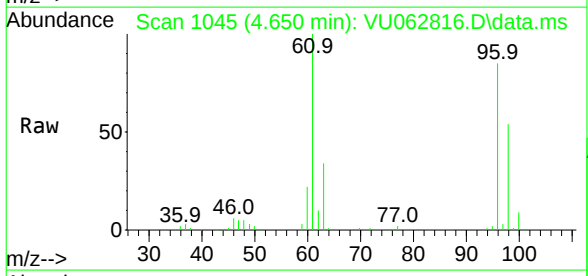




#22
 cis-1,2-Dichloroethene
 Concen: 15.196 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062816.D
 Acq: 16 Jan 2025 13:47

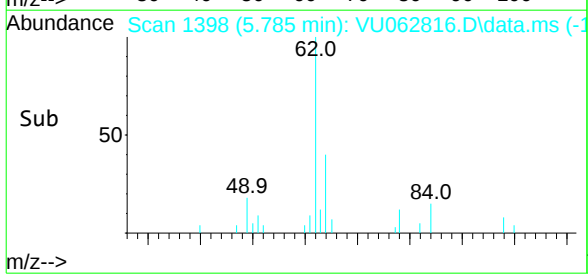
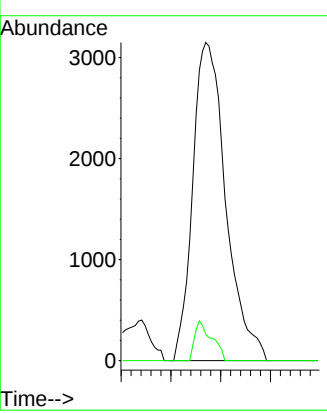
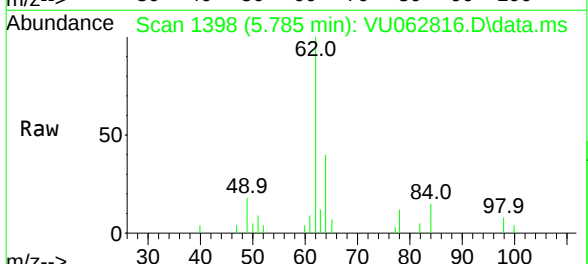
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8X5

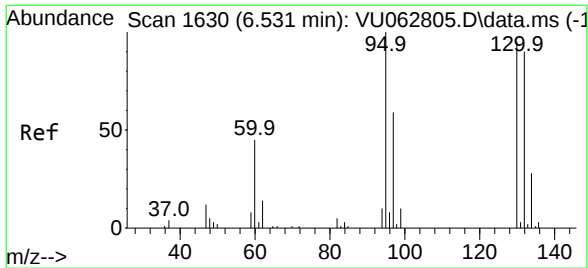
Tgt Ion:	96	Resp:	100329
Ion	Ratio	Lower	Upper
96	100		
61	118.3	84.8	157.6
98	64.1	43.1	80.1



#27
 1,2-Dichloroethane
 Concen: 0.834 ug/L
 RT: 5.785 min Scan# 1398
 Delta R.T. 0.003 min
 Lab File: VU062816.D
 Acq: 16 Jan 2025 13:47

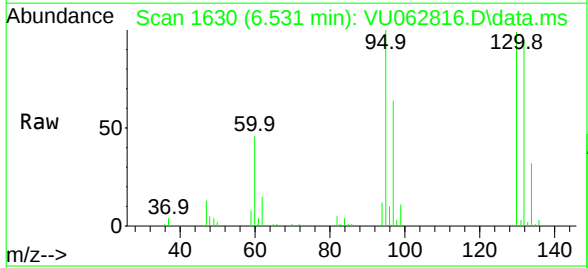
Tgt Ion:	62	Resp:	7274
Ion	Ratio	Lower	Upper
62	100		
98	8.3	5.8	8.6





#34
 Trichloroethene
 Concen: 7.783 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU062816.D
 Acq: 16 Jan 2025 13:47

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt	Ion: 95	Resp: 64994
Ion	Ratio	Lower Upper
95	100	
97	64.5	47.5 88.3
132	94.7	66.9 124.3
130	98.8	68.6 127.4

