

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062746.D
 Acq On : 14 Jan 2025 16:07
 Operator : MD/SY
 Sample : Q1057-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W3

Quant Time: Jan 15 00:36:17 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)

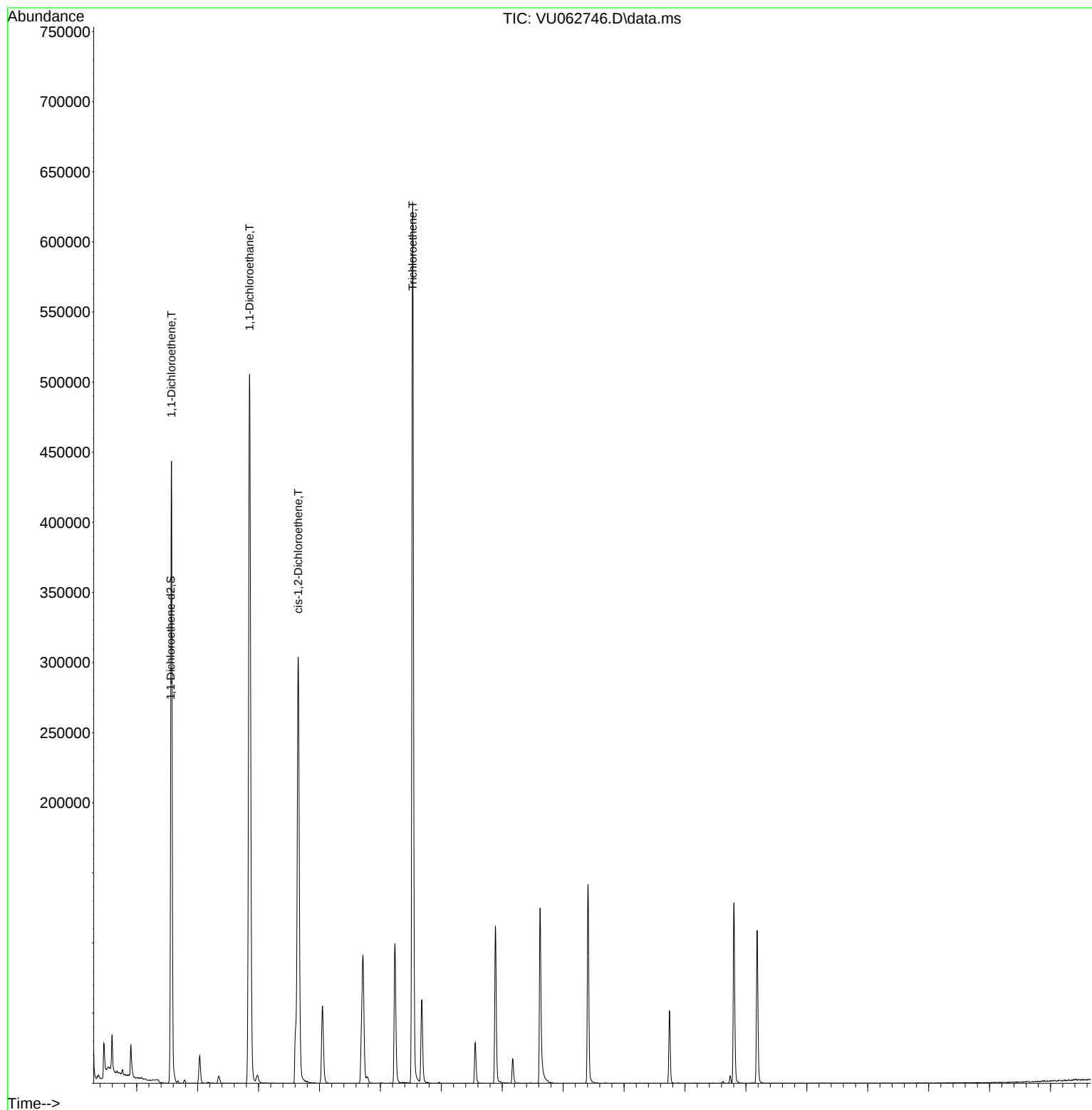
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	83204	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16271	3.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.904	69	14588	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.557	65	9118	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.605	46	52225	55.451	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.900%
24) Chloroform-d	5.049	84	51287	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.689	65	30701	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.714	84	86148	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.679	67	25290	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	78068	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.171	79	11329	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.621	63	46137	54.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.620%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	24483	5.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31199	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.570	96	145390	28.148	ug/L #	77
13) Acetone	2.615	43	5153	6.907	ug/L	94
14) Carbon disulfide	2.785	76	3047	0.185	ug/L	100
16) Methylene chloride	3.033	84	10591	1.872	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	2384	0.431	ug/L	89
19) 1,1-Dichloroethane	3.853	63	566061	57.213	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	166414	27.615	ug/L	98
27) 1,2-Dichloroethane	5.788	62	3692	0.464	ug/L #	94
34) Trichloroethene	6.528	95	218781	28.138	ug/L	98

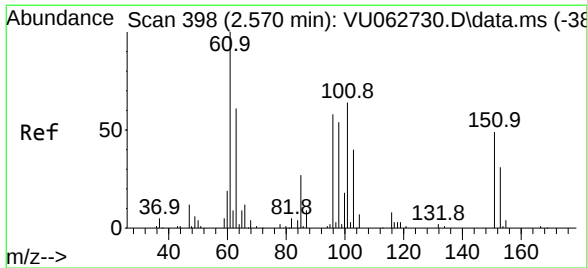
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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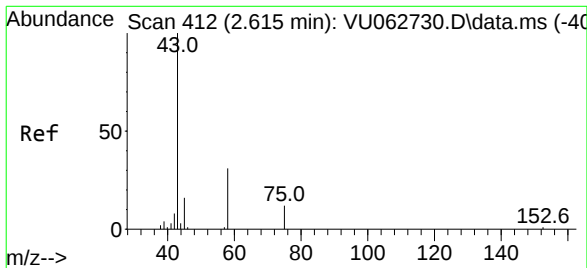
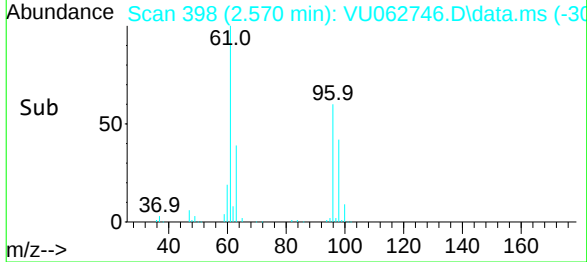
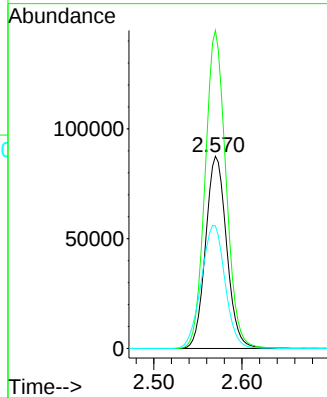
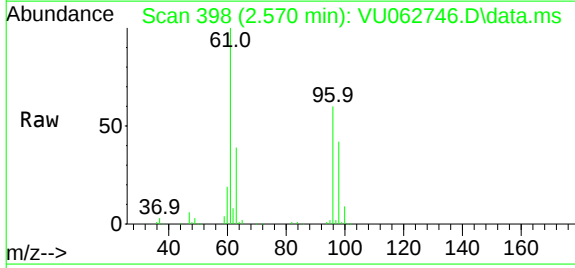




#12
1,1-Dichloroethene
Concen: 28.148 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

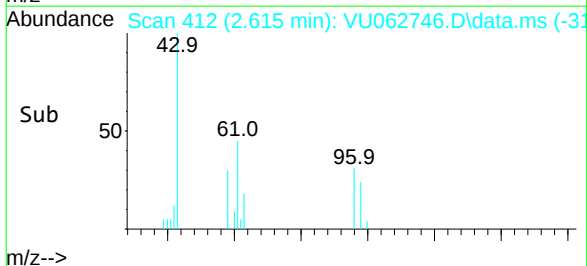
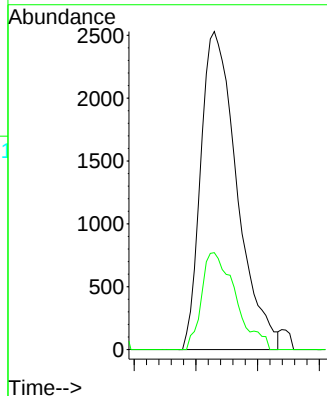
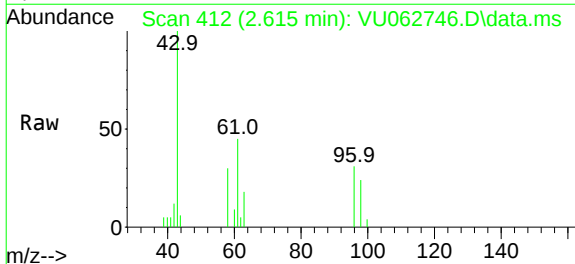
Instrument :
MSVOA_U
ClientSampleId :
BH8W3

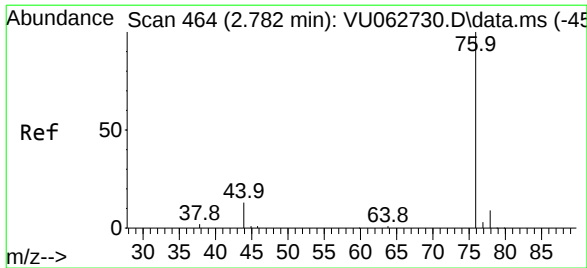
Tgt Ion: 96 Resp: 145390
Ion Ratio Lower Upper
96 100
61 165.4 120.4 223.6
63 63.7 82.3 152.9#



#13
Acetone
Concen: 6.907 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.000 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

Tgt Ion: 43 Resp: 5153
Ion Ratio Lower Upper
43 100
58 28.7 0.0 64.4





#14

Carbon disulfide

Concen: 0.185 ug/L

RT: 2.785 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA_U

ClientSampleId :

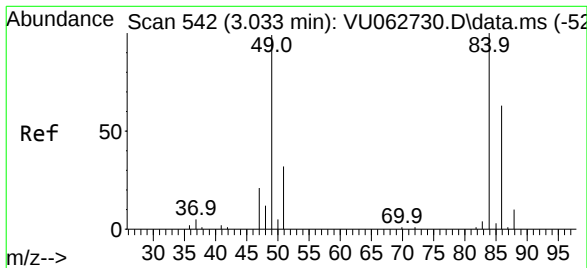
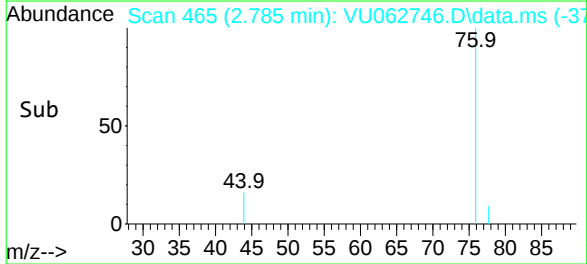
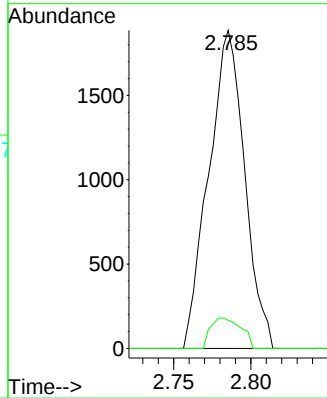
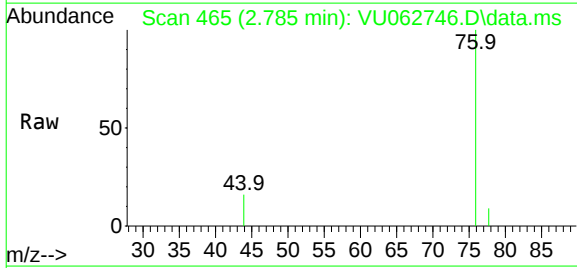
BH8W3

Tgt Ion: 76 Resp: 3047

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#16

Methylene chloride

Concen: 1.872 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

Lab File: VU062746.D

Acq: 14 Jan 2025 16:07

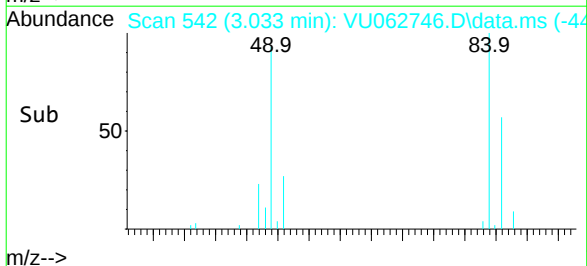
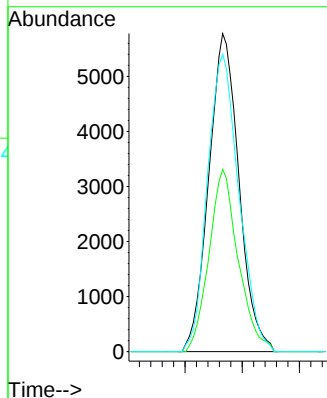
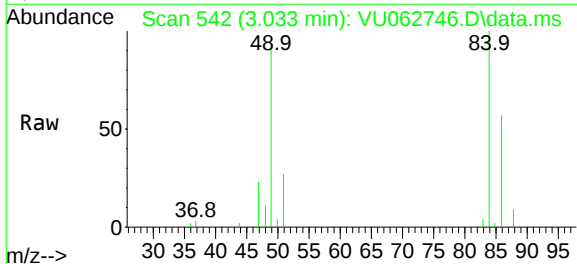
Tgt Ion: 84 Resp: 10591

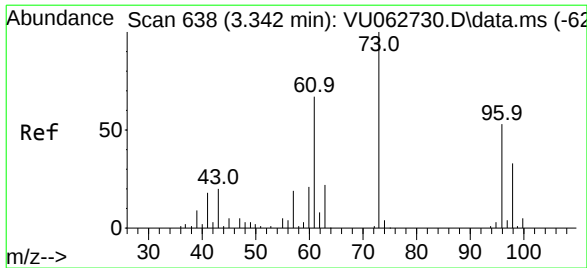
Ion Ratio Lower Upper

84 100

86 57.2 44.7 83.1

49 93.5 68.3 126.9

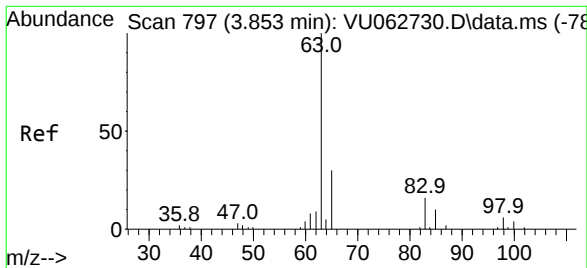
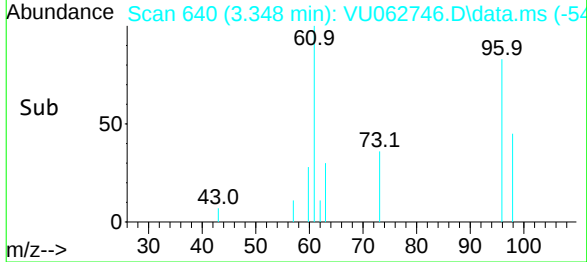
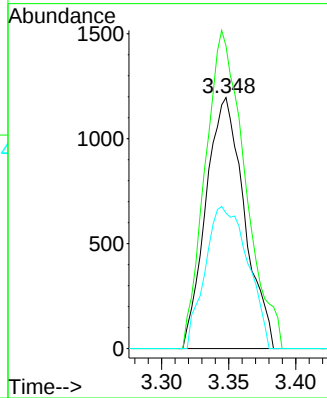
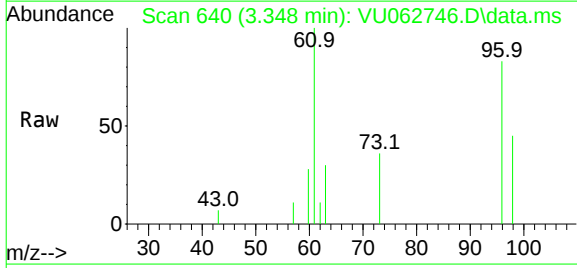




#18
trans-1,2-Dichloroethene
Concen: 0.431 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

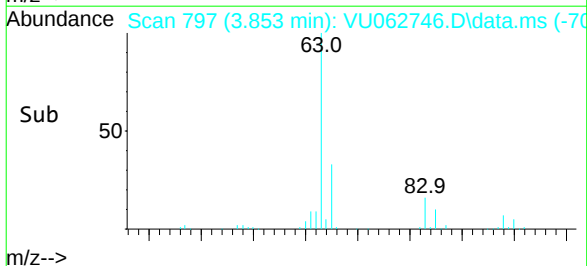
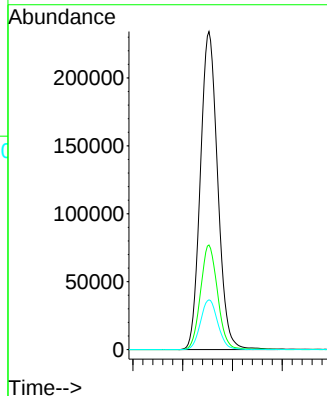
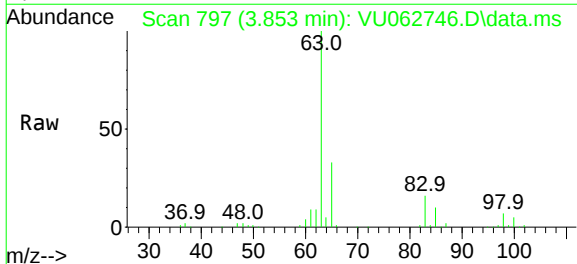
Instrument :
MSVOA_U
ClientSampleId :
BH8W3

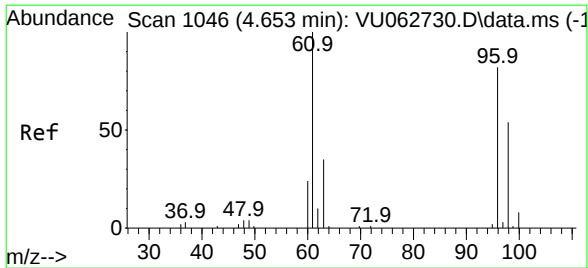
Tgt Ion:	96	Resp:	2384
Ion	Ratio	Lower	Upper
96	100		
61	120.6	94.4	175.2
98	53.9	42.8	79.4



#19
1,1-Dichloroethane
Concen: 57.213 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062746.D
Acq: 14 Jan 2025 16:07

Tgt Ion:	63	Resp:	566061
Ion	Ratio	Lower	Upper
63	100		
65	32.9	20.7	38.5
83	15.6	10.5	19.5

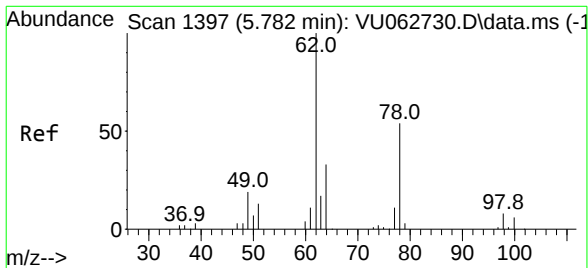
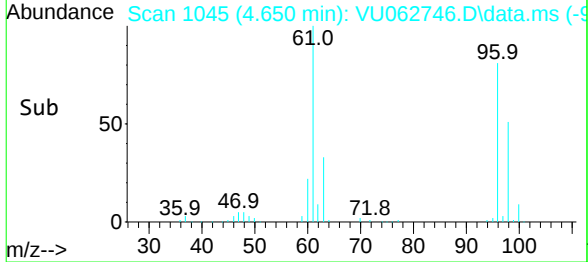
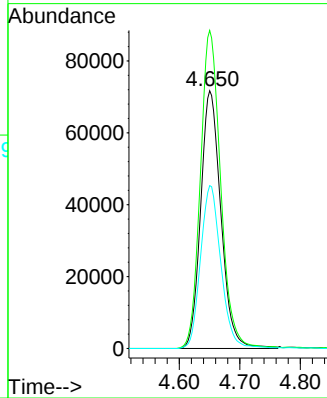
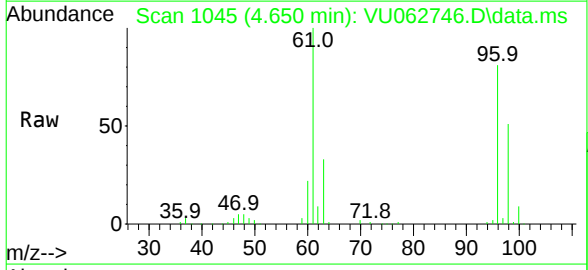




#22
 cis-1,2-Dichloroethene
 Concen: 27.615 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062746.D
 Acq: 14 Jan 2025 16:07

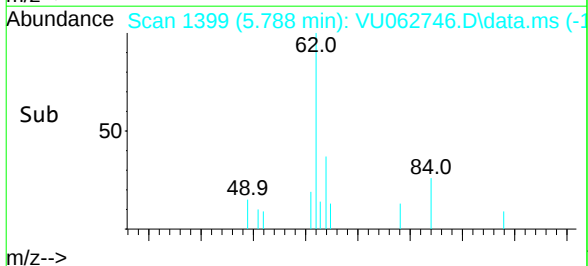
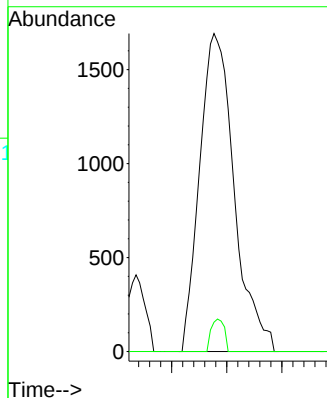
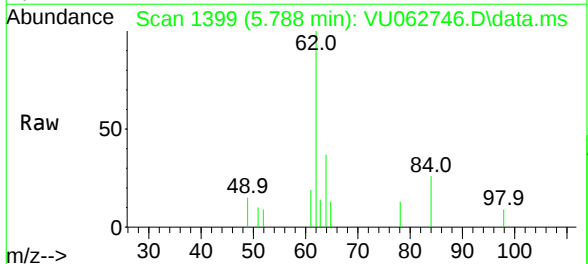
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8W3

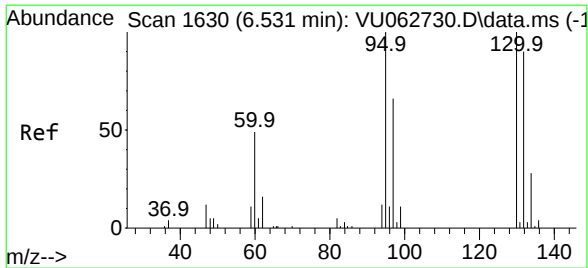
Tgt Ion: 96 Resp: 166414
 Ion Ratio Lower Upper
 96 100
 61 123.4 84.8 157.6
 98 63.2 43.1 80.1



#27
 1,2-Dichloroethane
 Concen: 0.464 ug/L
 RT: 5.788 min Scan# 1399
 Delta R.T. 0.006 min
 Lab File: VU062746.D
 Acq: 14 Jan 2025 16:07

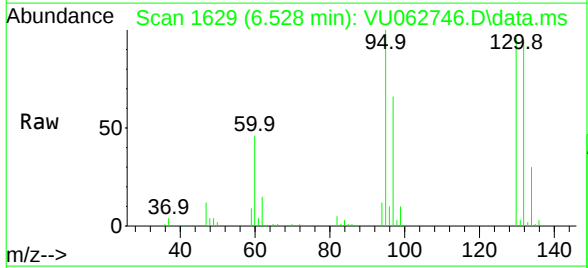
Tgt Ion: 62 Resp: 3692
 Ion Ratio Lower Upper
 62 100
 98 9.2 5.8 8.6#





#34
 Trichloroethene
 Concen: 28.138 ug/L
 RT: 6.528 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU062746.D
 Acq: 14 Jan 2025 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	95	Resp:	218781
Ion	Ratio	Lower	Upper
95	100		
97	66.1	47.5	88.3
132	93.7	66.9	124.3
130	96.5	68.6	127.4

