

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062897.D
 Acq On : 18 Jan 2025 02:04
 Operator : MD/SY
 Sample : Q1086-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 03:34:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	88786	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	82588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38838	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19158	3.896	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.904	69	17410	4.401	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.557	65	10652	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.605	46	53752	53.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.960%
24) Chloroform-d	5.049	84	56721	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.689	65	32415	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.714	84	94380	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.676	67	27455	4.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.888	98	84202	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.171	79	12649	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.621	63	40712	46.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23355	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	32377	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%

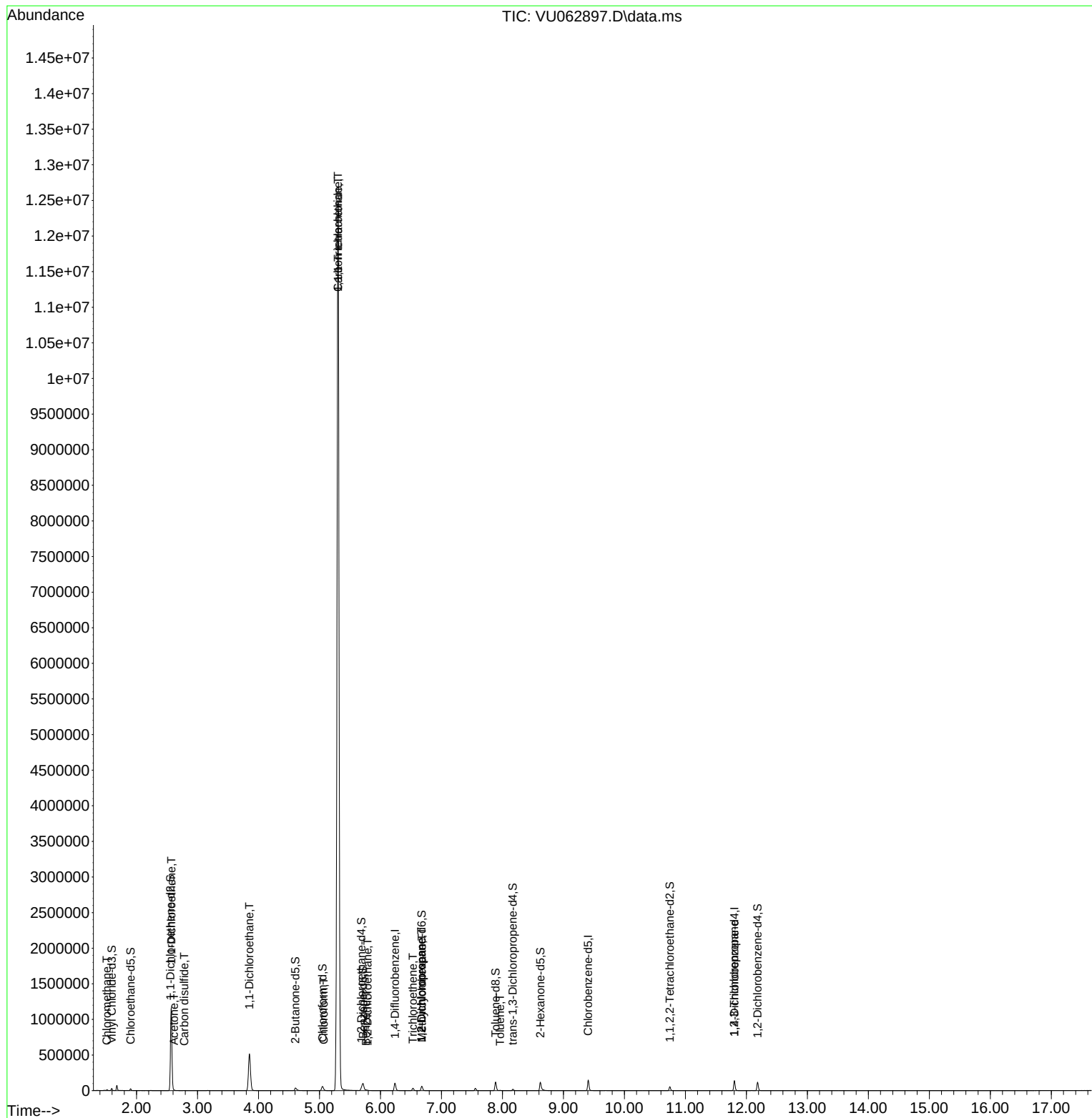
Target Compounds				Qvalue		
3) Chloromethane	1.515	50	7598	1.339	ug/L	96
12) 1,1-Dichloroethene	2.570	96	387508	70.307	ug/L #	74
13) Acetone	2.615	43	3530	4.434	ug/L	95
14) Carbon disulfide	2.782	76	2088	0.119	ug/L #	76
19) 1,1-Dichloroethane	3.853	63	567111	53.715	ug/L	96
25) Chloroform	5.071	83	5014	0.386	ug/L	91
27) 1,2-Dichloroethane	5.788	62	2640	0.311	ug/L #	79
29) 1,1,1-Trichloroethane	5.306	97	9689438	773.461	ug/L	98
31) Carbon tetrachloride	5.306	117	1108968	96.324	ug/L	98
33) Benzene	5.766	78	6626	0.279	ug/L	100
34) Trichloroethene	6.531	95	11519	1.421	ug/L	94
35) Methylcyclohexane	6.679	83	7758	0.778	ug/L #	23
37) 1,2-Dichloropropane	6.673	63	3661	0.654	ug/L #	85
42) Toluene	7.962	91	3464	0.133	ug/L	89
61) 1,2,3-Trichloropropane	11.801	75	3743	1.087	ug/L #	58

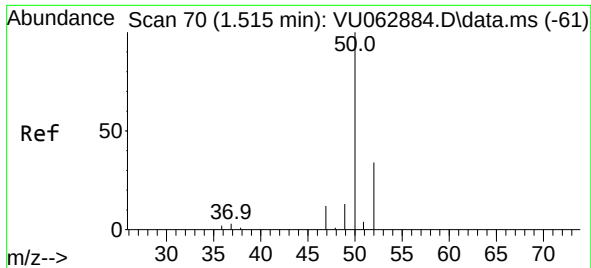
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062897.D
Acq On : 18 Jan 2025 02:04
Operator : MD/SY
Sample : Q1086-18
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

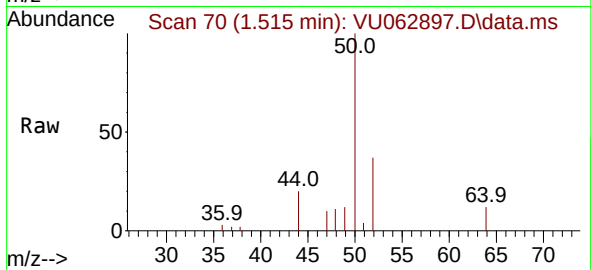
Quant Time: Jan 18 03:34:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration



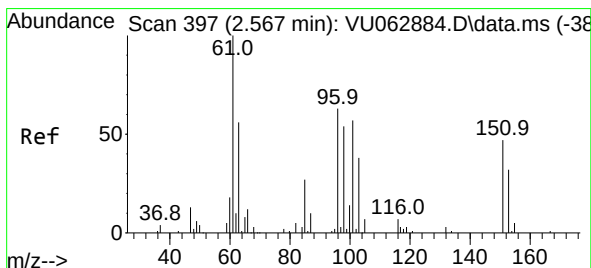
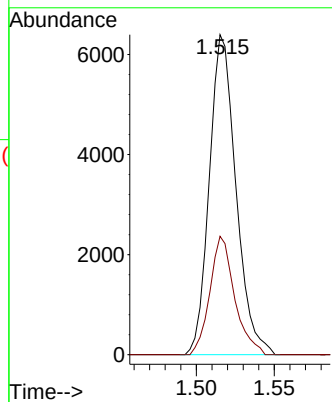
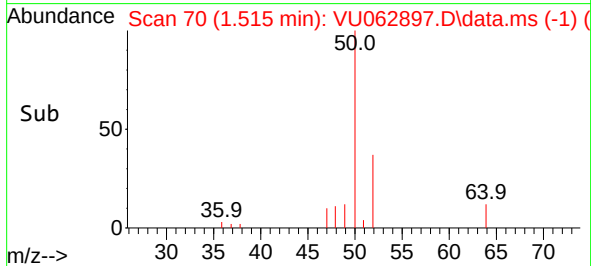


#3
Chloromethane
Concen: 1.339 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

Instrument :
MSVOA_U
ClientSampleId :

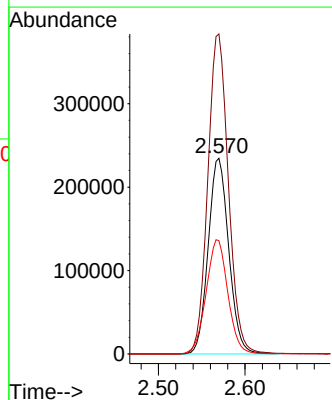
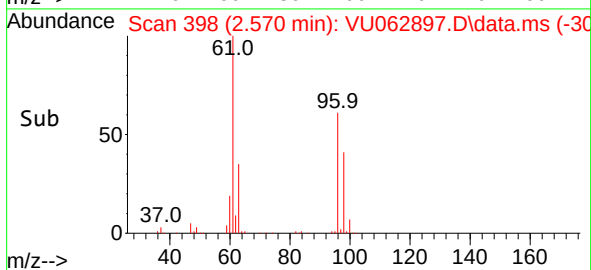
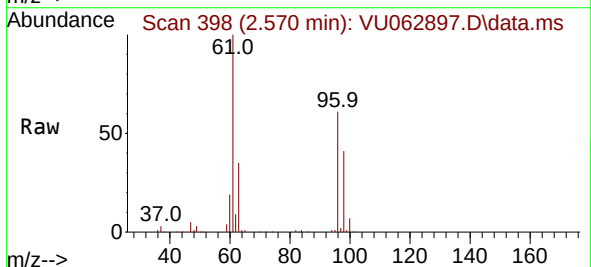


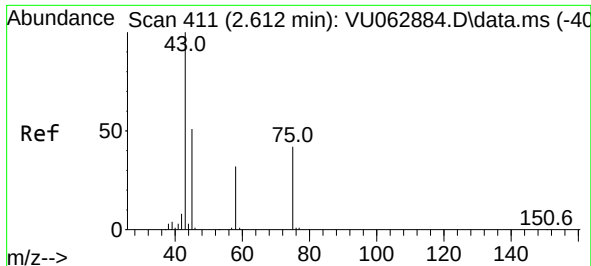
Tgt Ion: 50 Resp: 7598
Ion Ratio Lower Upper
50 100
52 37.0 24.1 44.7



#12
1,1-Dichloroethene
Concen: 70.307 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

Tgt Ion: 96 Resp: 387508
Ion Ratio Lower Upper
96 100
61 163.5 120.4 223.6
63 57.9 82.3 152.9





#13

Acetone

Concen: 4.434 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU062897.D

Acq: 18 Jan 2025 02:04

Instrument :

MSVOA_U

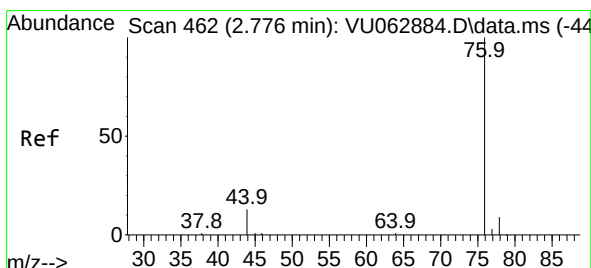
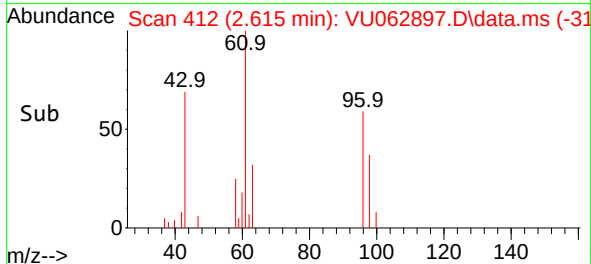
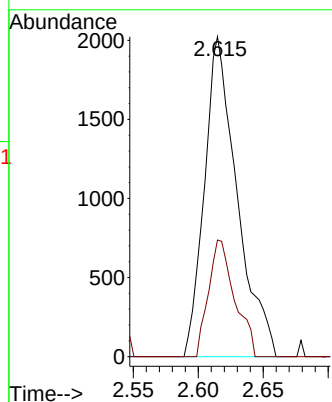
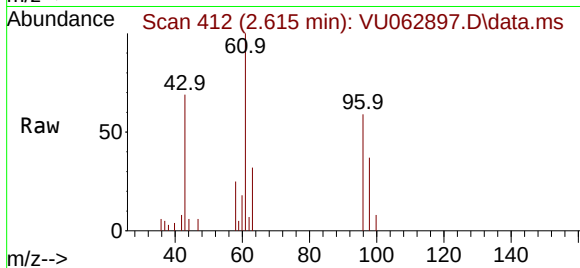
ClientSampleId :

Tgt Ion: 43 Resp: 3530

Ion Ratio Lower Upper

43 100

58 29.2 0.0 64.4



#14

Carbon disulfide

Concen: 0.119 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.006 min

Lab File: VU062897.D

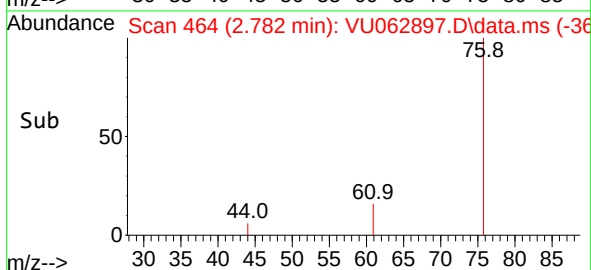
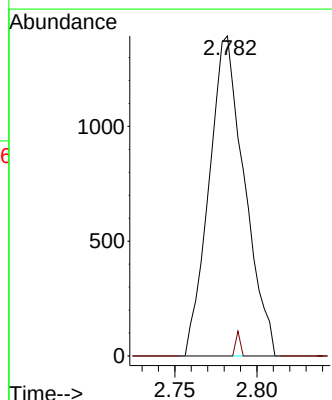
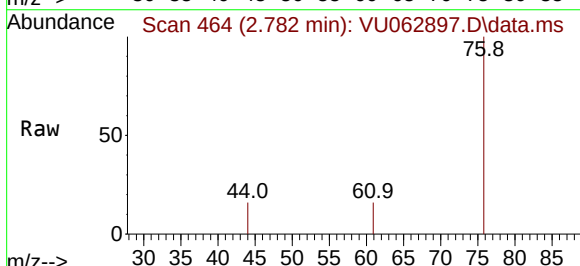
Acq: 18 Jan 2025 02:04

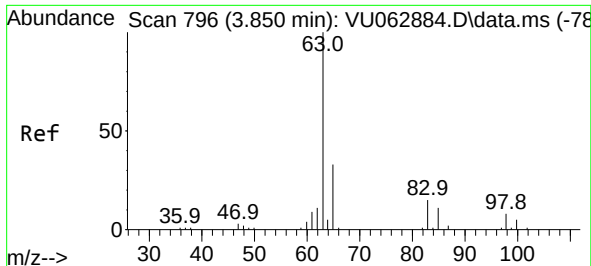
Tgt Ion: 76 Resp: 2088

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#





#19

1,1-Dichloroethane

Concen: 53.715 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062897.D

Acq: 18 Jan 2025 02:04

Instrument :

MSVOA_U

ClientSampleId :

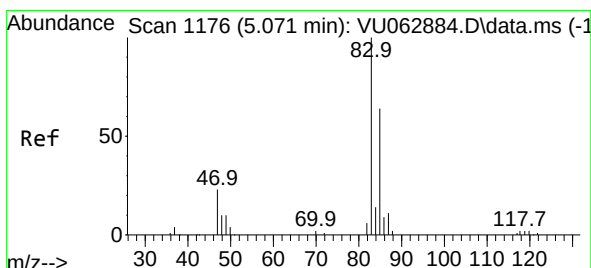
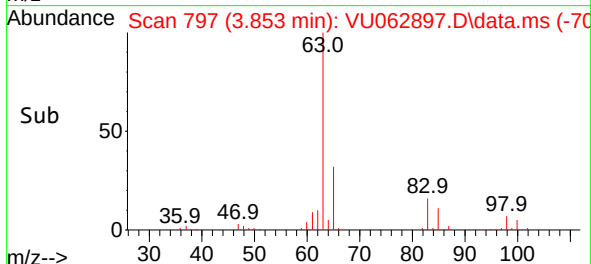
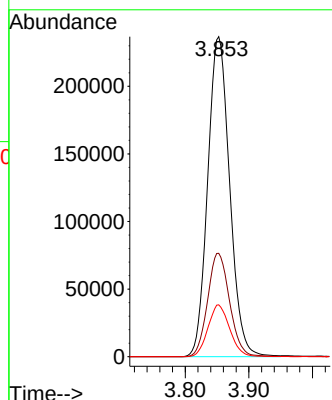
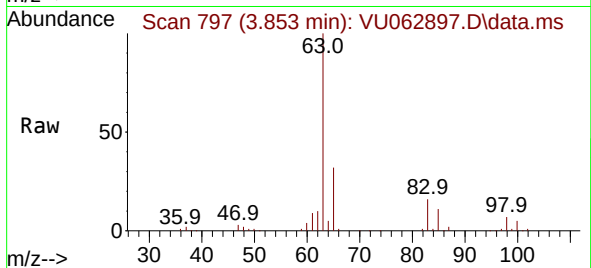
Tgt Ion: 63 Resp: 567111

Ion Ratio Lower Upper

63 100

65 32.3 20.7 38.5

83 16.2 10.5 19.5



#25

Chloroform

Concen: 0.386 ug/L

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU062897.D

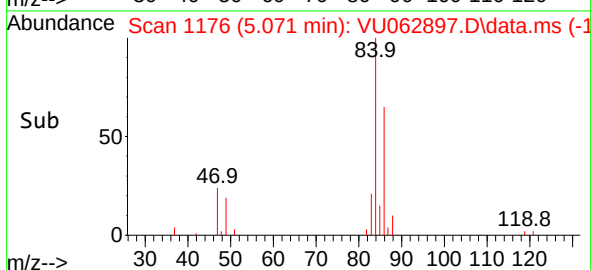
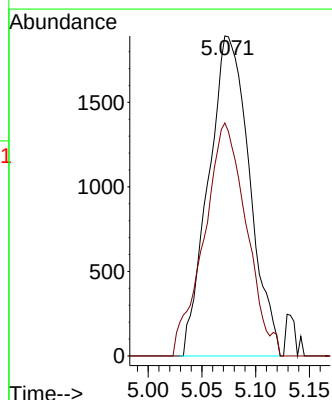
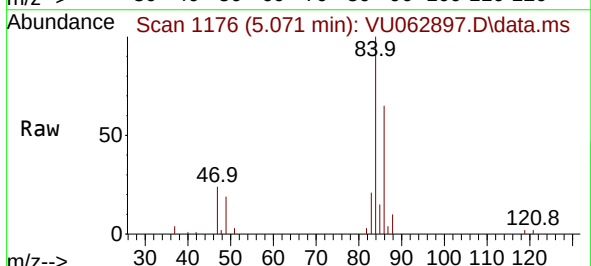
Acq: 18 Jan 2025 02:04

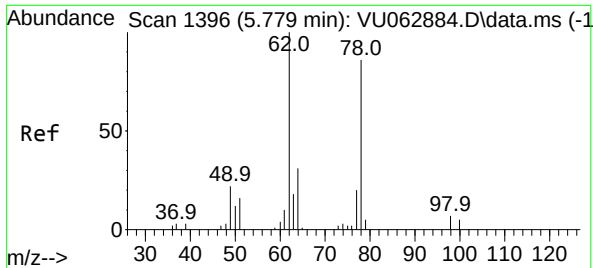
Tgt Ion: 83 Resp: 5014

Ion Ratio Lower Upper

83 100

85 72.8 45.8 85.2

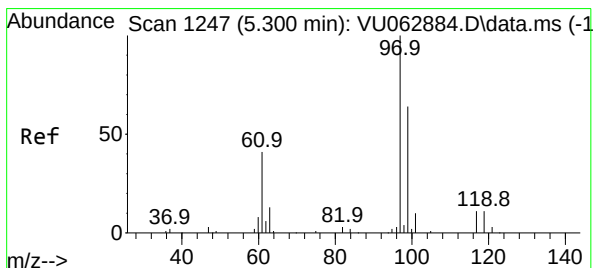
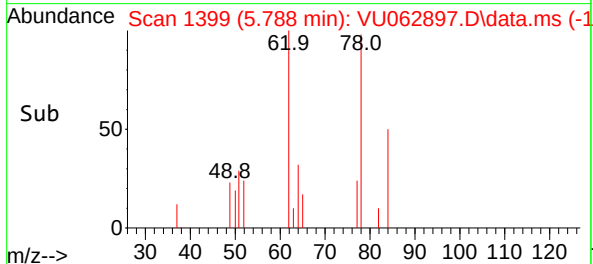
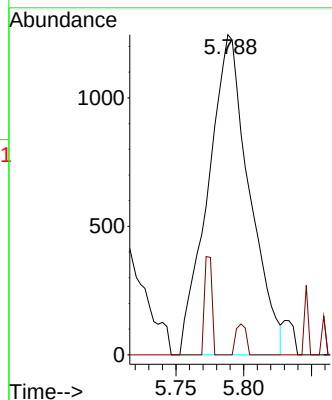
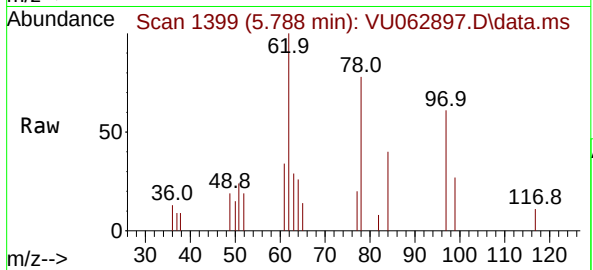




#27
1,2-Dichloroethane
Concen: 0.311 ug/L
RT: 5.788 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

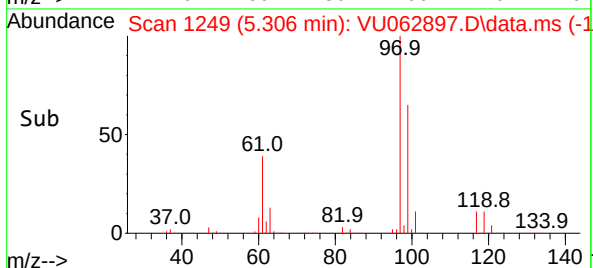
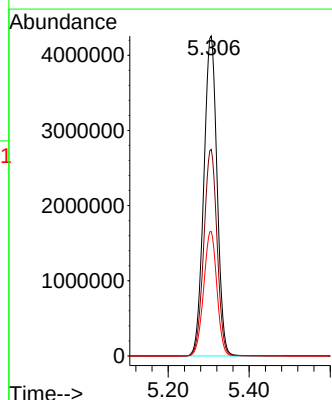
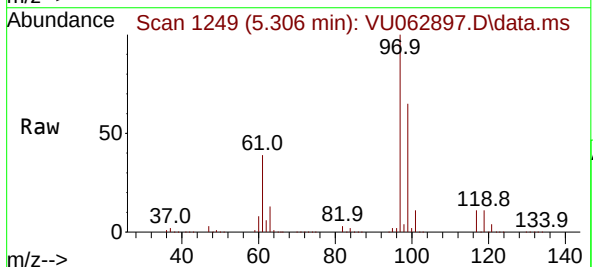
Instrument :
MSVOA_U
ClientSampleId :

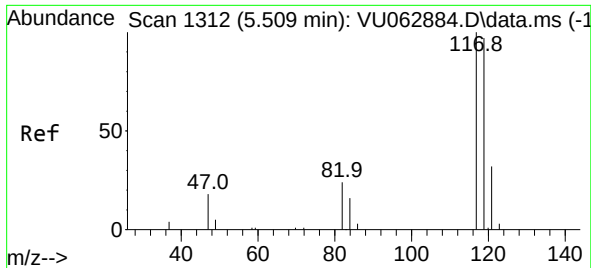
Tgt Ion: 62 Resp: 2640
Ion Ratio Lower Upper
62 100
98 0.0 5.8 8.6#



#29
1,1,1-Trichloroethane
Concen: 773.461 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

Tgt Ion: 97 Resp: 9689438
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 38.8 32.2 48.4

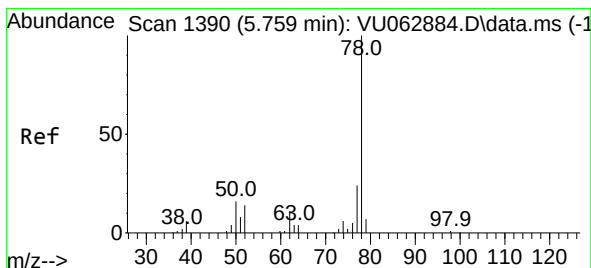
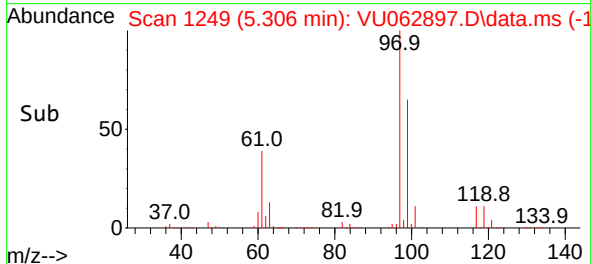
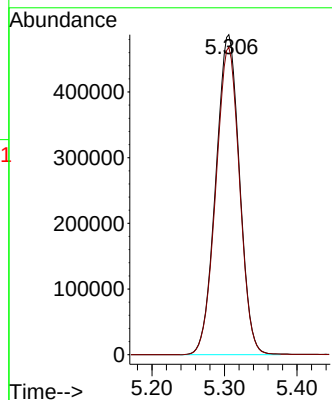
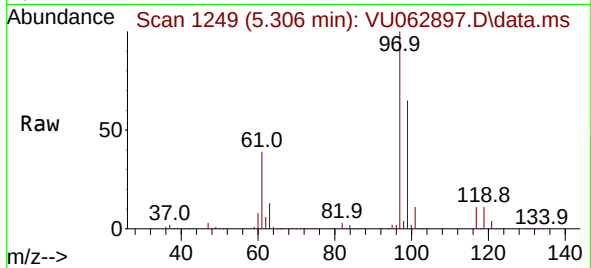




#31
Carbon tetrachloride
Concen: 96.324 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.203 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

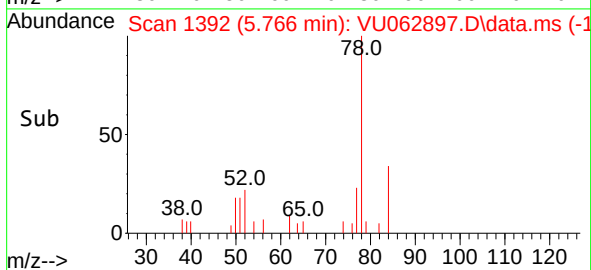
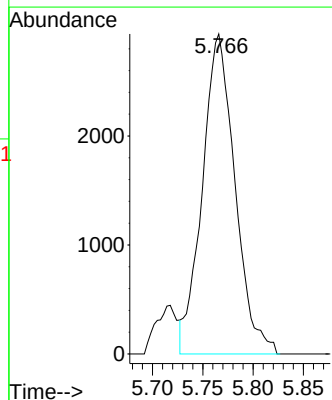
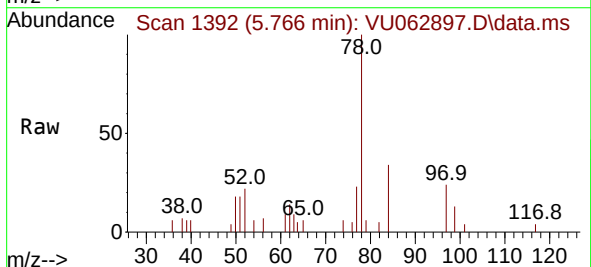
Instrument :
MSVOA_U
ClientSampleId :

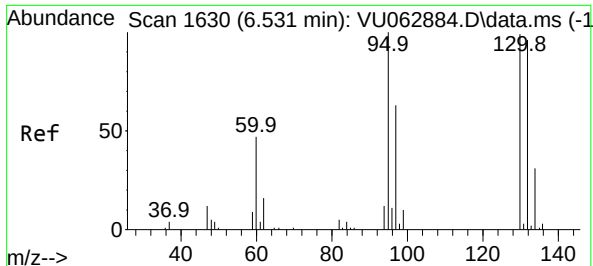
Tgt Ion:117 Resp: 1108968
Ion Ratio Lower Upper
117 100
119 96.2 78.6 118.0



#33
Benzene
Concen: 0.279 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

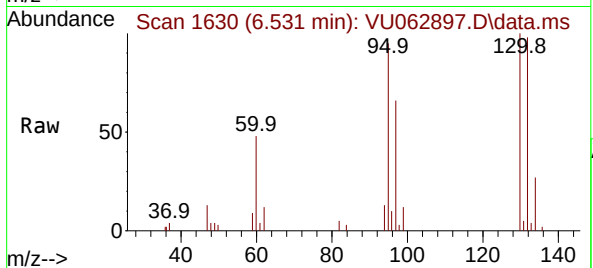
Tgt Ion: 78 Resp: 6626





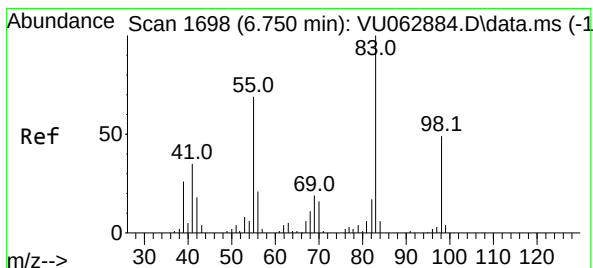
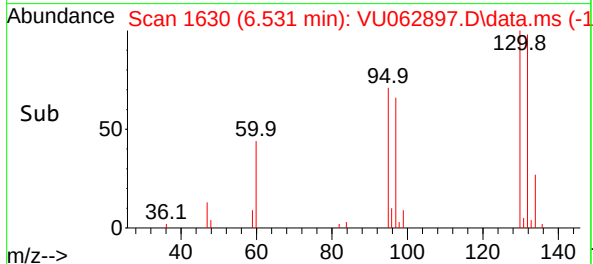
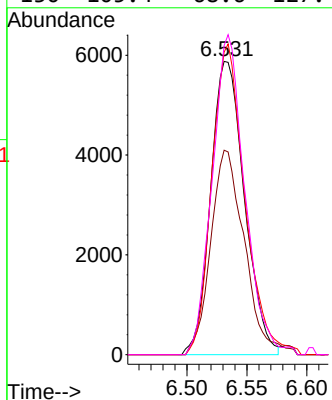
#34
Trichloroethene
Concen: 1.421 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 11519

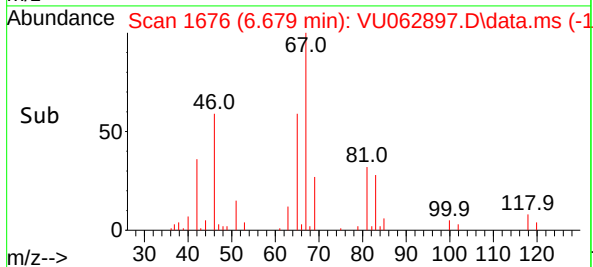
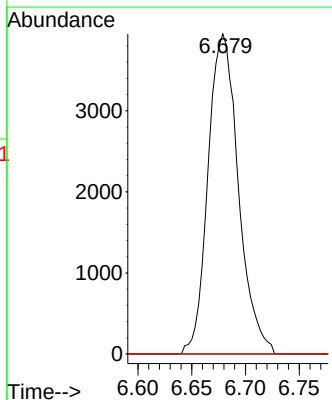
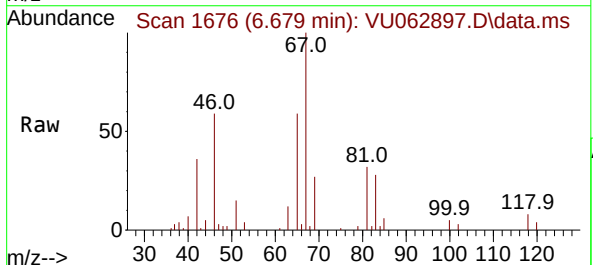
Ion	Ratio	Lower	Upper
95	100		
97	69.7	47.5	88.3
132	103.1	66.9	124.3
130	105.4	68.6	127.4

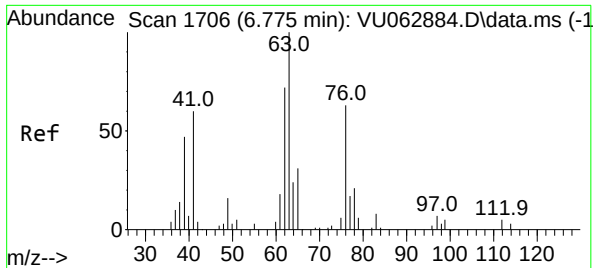


#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

Tgt Ion: 83 Resp: 7758

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	5.2	36.6	55.0#

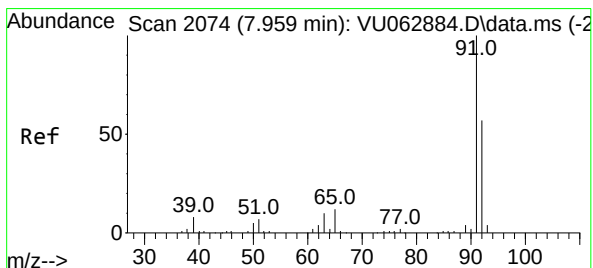
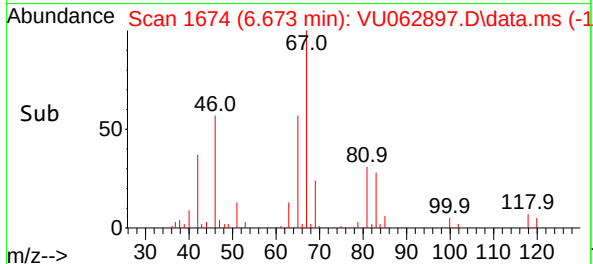
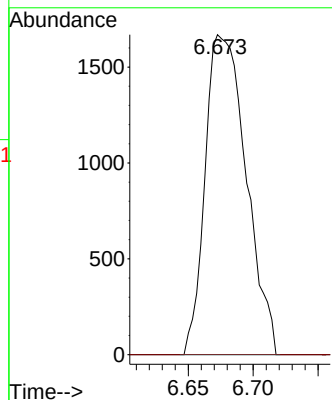
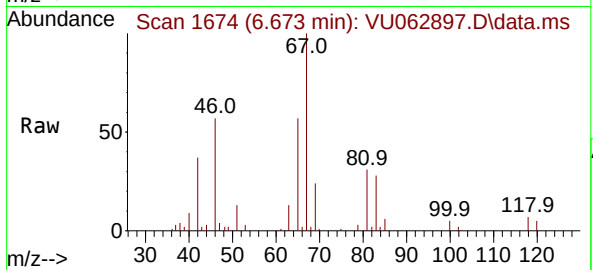




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.673 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

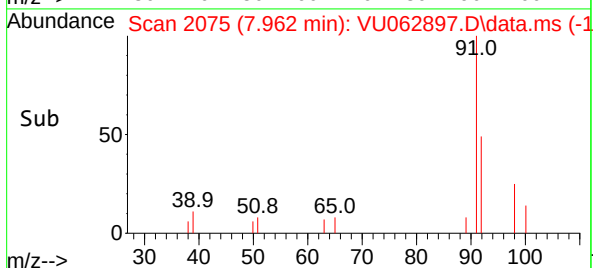
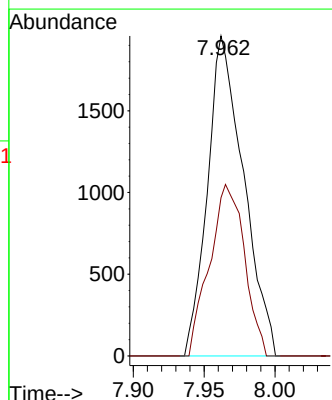
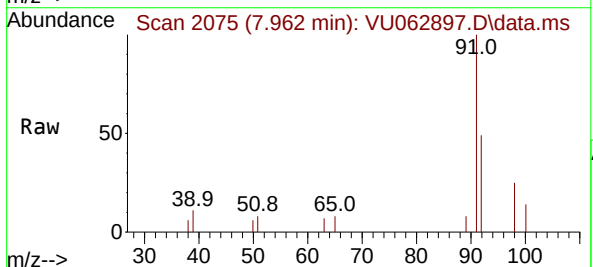
Instrument :
MSVOA_U
ClientSampleId :

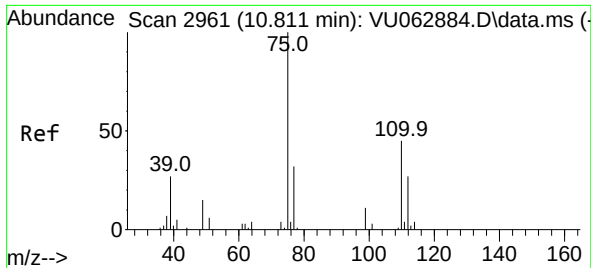
Tgt Ion: 63 Resp: 3661
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.133 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

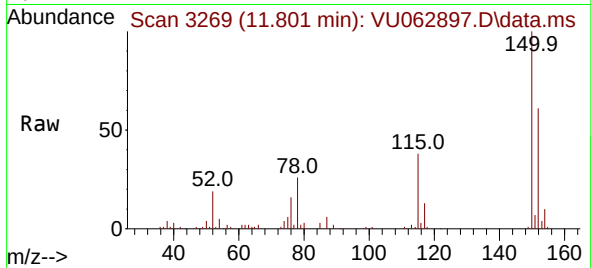
Tgt Ion: 91 Resp: 3464
Ion Ratio Lower Upper
91 100
92 49.4 40.4 75.0





#61
1,2,3-Trichloropropane
Concen: 1.087 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062897.D
Acq: 18 Jan 2025 02:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3743
Ion Ratio Lower Upper
75 100
110 1.2 33.2 49.8#
77 40.2 25.9 38.9#

