

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062896.D
 Acq On : 18 Jan 2025 01:39
 Operator : MD/SY
 Sample : Q1086-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 03:33:51 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)

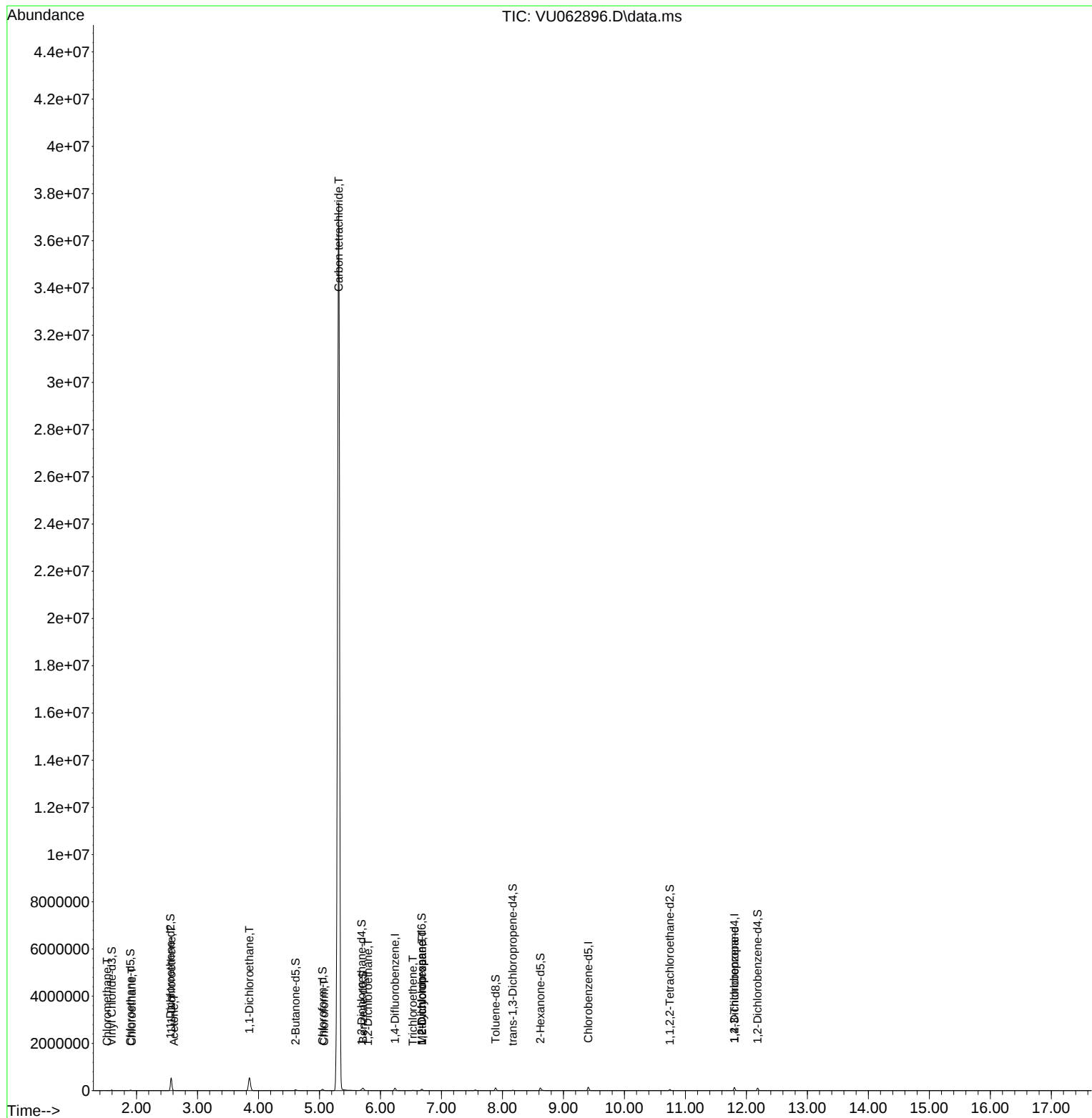
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19070	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.901	69	17906	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.557	65	9195	3.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.608	46	52123	51.254	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.500%
24) Chloroform-d	5.049	84	56653	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.692	65	32338	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.714	84	93429	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.676	67	26686	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.888	98	80519	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.171	79	12837	4.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.621	63	40243	45.407	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23153	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	31978	5.000	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	977	0.170	ug/L	99
8) Chloroethane	1.920	64	821	0.211	ug/L #	44
12) 1,1-Dichloroethene	2.570	96	180284	32.325	ug/L #	73
13) Acetone	2.615	43	3739	4.641	ug/L	89
19) 1,1-Dichloroethane	3.853	63	601583	56.311	ug/L	97
25) Chloroform	5.078	83	3733	0.284	ug/L	87
27) 1,2-Dichloroethane	5.795	62	1732	0.201	ug/L #	79
31) Carbon tetrachloride	5.316	117	3591749	308.895	ug/L	98
34) Trichloroethene	6.531	95	5464	0.667	ug/L	87
35) Methylcyclohexane	6.679	83	7647	0.759	ug/L #	23
37) 1,2-Dichloropropane	6.682	63	3532	0.625	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3816	1.119	ug/L #	60

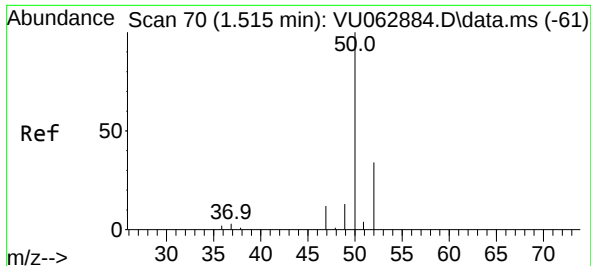
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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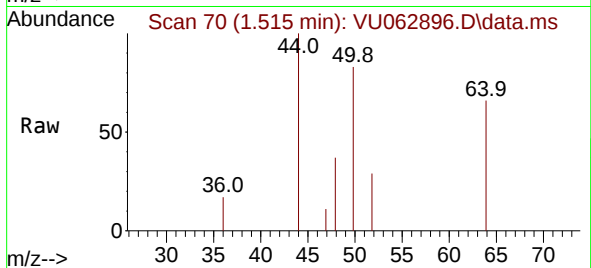
Quant Time: Jan 18 03:33:51 2025
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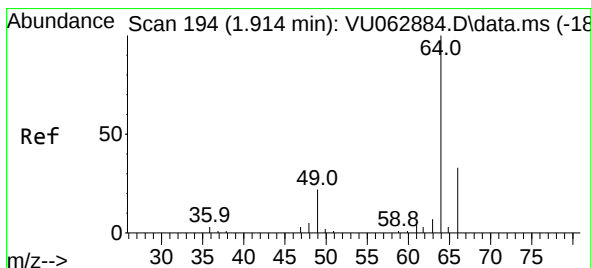
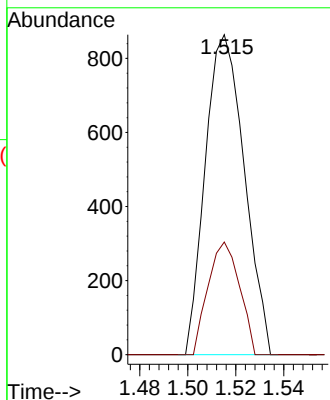
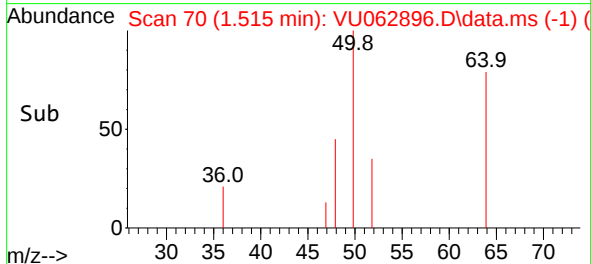


#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062896.D
Acq: 18 Jan 2025 01:39

Instrument :
MSVOA_U
ClientSampleId :

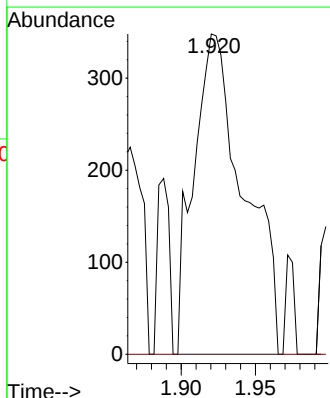
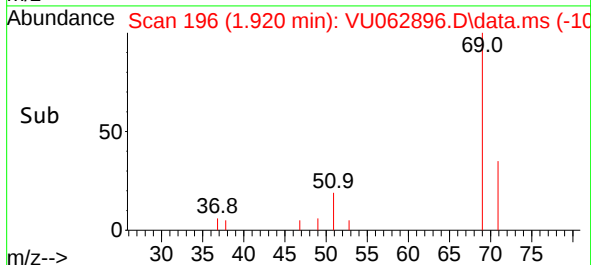
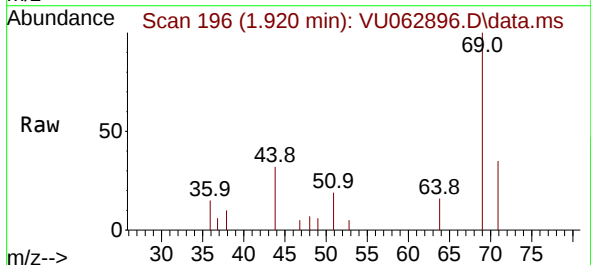


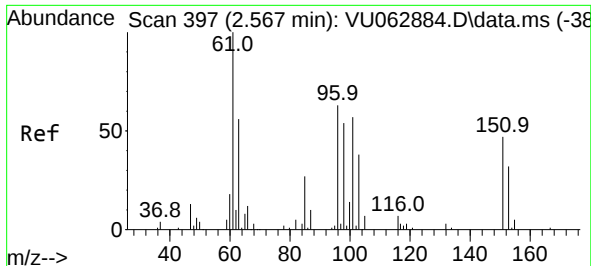
Tgt Ion: 50 Resp: 977
Ion Ratio Lower Upper
50 100
52 35.2 24.1 44.7



#8
Chloroethane
Concen: 0.211 ug/L
RT: 1.920 min Scan# 196
Delta R.T. 0.006 min
Lab File: VU062896.D
Acq: 18 Jan 2025 01:39

Tgt Ion: 64 Resp: 821
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#





#12

1,1-Dichloroethene

Concen: 32.325 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

Instrument :

MSVOA_U

ClientSampleId :

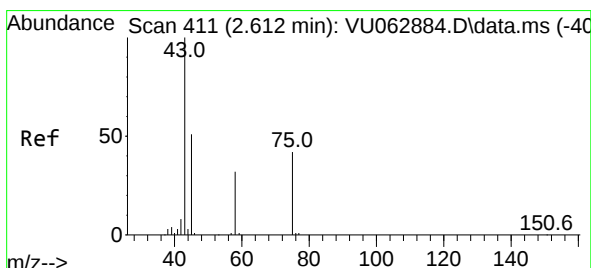
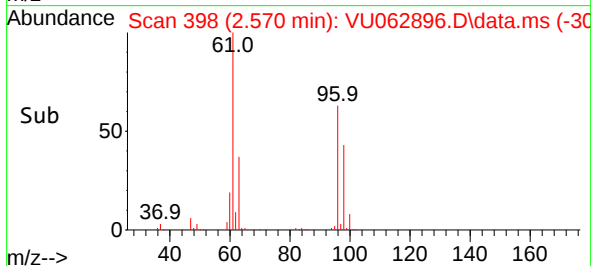
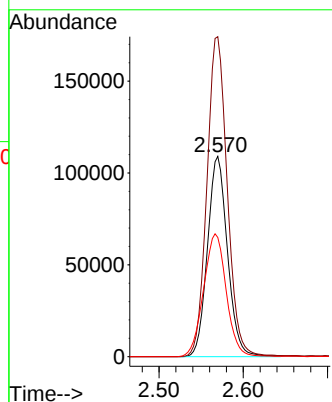
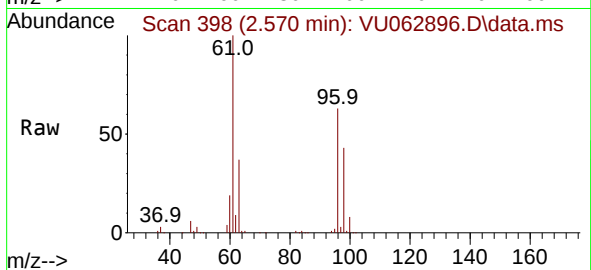
Tgt Ion: 96 Resp: 180284

Ion Ratio Lower Upper

96 100

61 159.8 120.4 223.6

63 59.5 82.3 152.9#



#13

Acetone

Concen: 4.641 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU062896.D

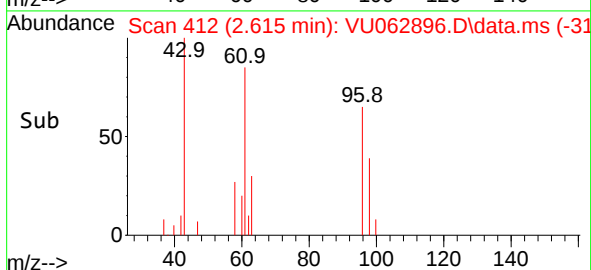
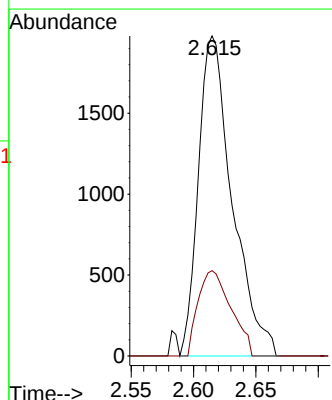
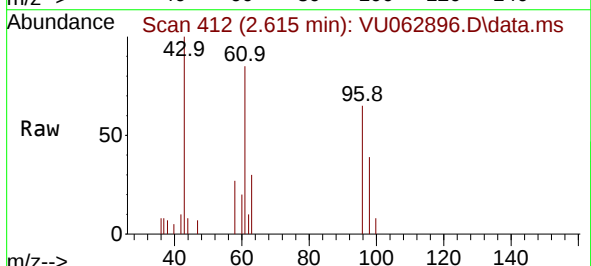
Acq: 18 Jan 2025 01:39

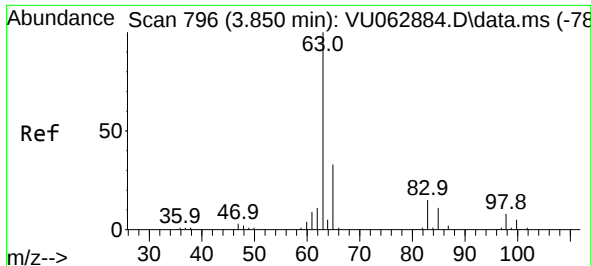
Tgt Ion: 43 Resp: 3739

Ion Ratio Lower Upper

43 100

58 25.9 0.0 64.4





#19

1,1-Dichloroethane

Concen: 56.311 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

Instrument :

MSVOA_U

ClientSampleId :

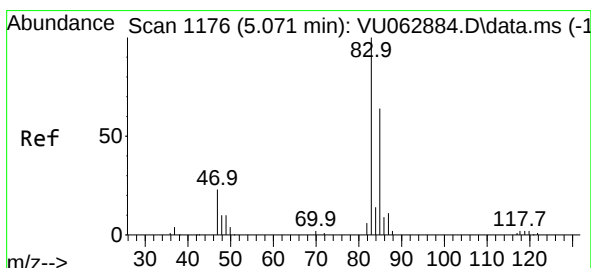
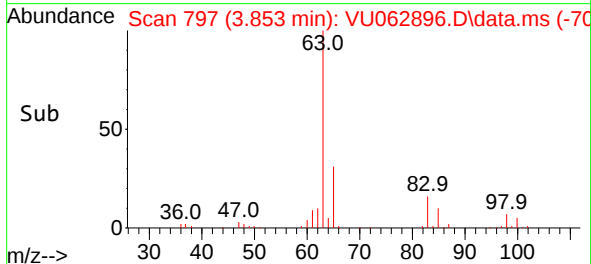
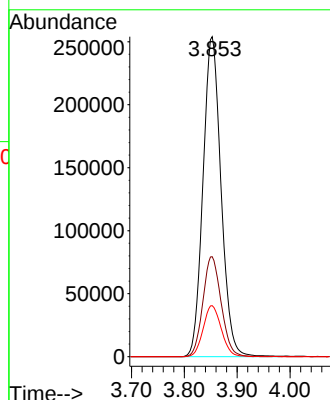
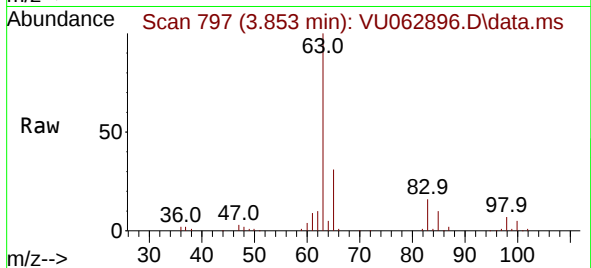
Tgt Ion: 63 Resp: 601583

Ion Ratio Lower Upper

63 100

65 31.3 20.7 38.5

83 15.9 10.5 19.5



#25

Chloroform

Concen: 0.284 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU062896.D

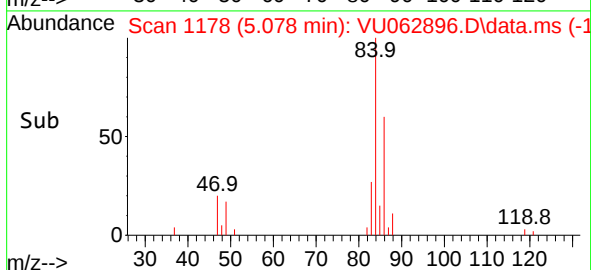
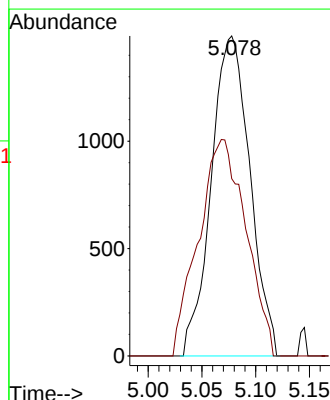
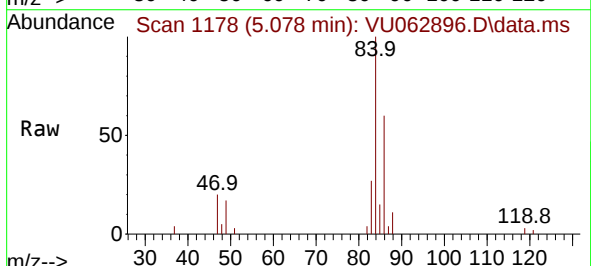
Acq: 18 Jan 2025 01:39

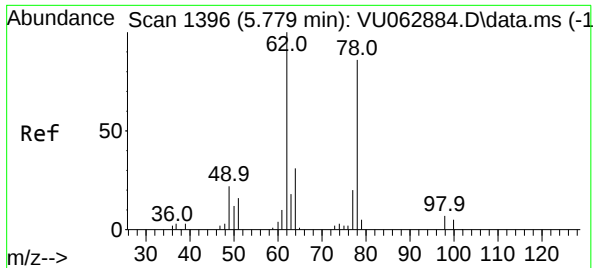
Tgt Ion: 83 Resp: 3733

Ion Ratio Lower Upper

83 100

85 55.4 45.8 85.2

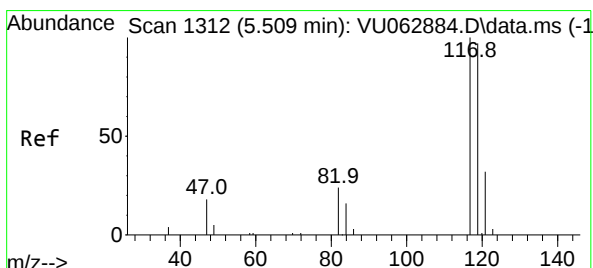
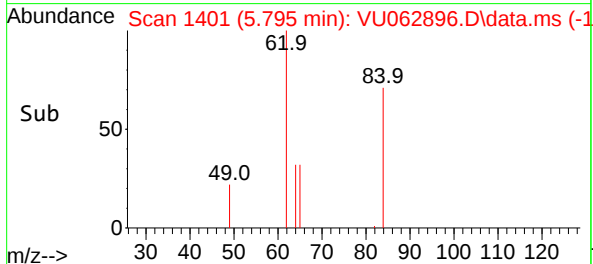
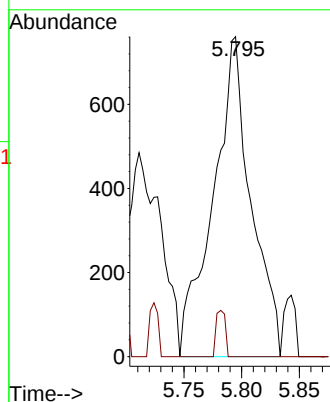
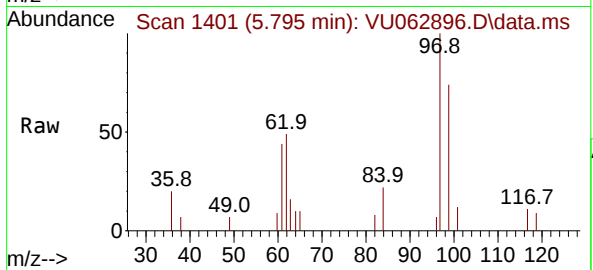




#27
 1,2-Dichloroethane
 Concen: 0.201 ug/L
 RT: 5.795 min Scan# 14
 Delta R.T. 0.016 min
 Lab File: VU062896.D
 Acq: 18 Jan 2025 01:39

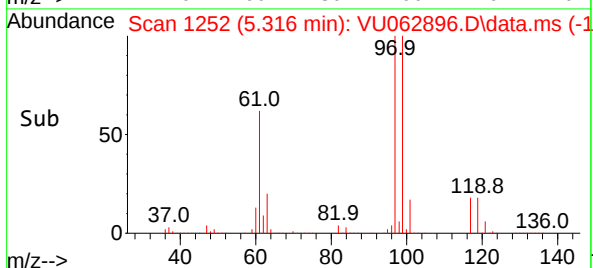
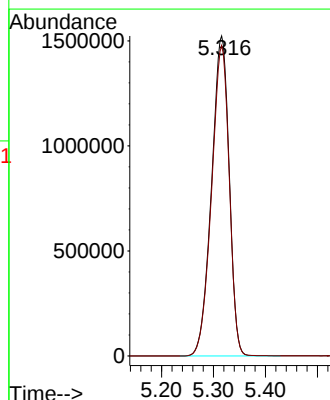
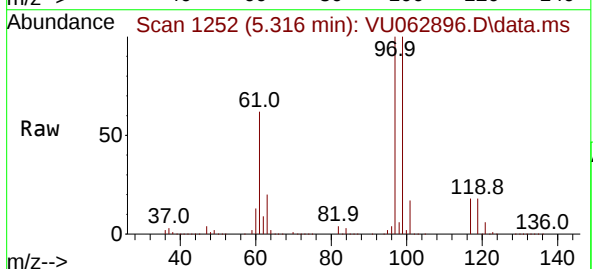
Instrument :
 MSVOA_U
 ClientSampleId :

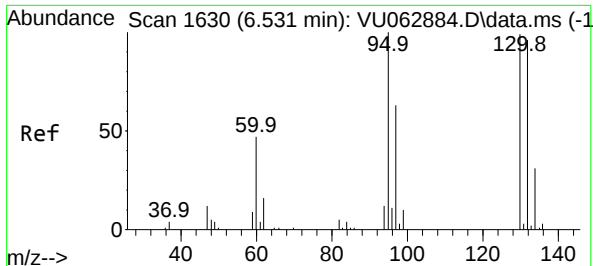
Tgt Ion: 62 Resp: 1732
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.8 8.6#



#31
 Carbon tetrachloride
 Concen: 308.895 ug/L
 RT: 5.316 min Scan# 1252
 Delta R.T. -0.193 min
 Lab File: VU062896.D
 Acq: 18 Jan 2025 01:39

Tgt Ion: 117 Resp: 3591749
 Ion Ratio Lower Upper
 117 100
 119 96.7 78.6 118.0

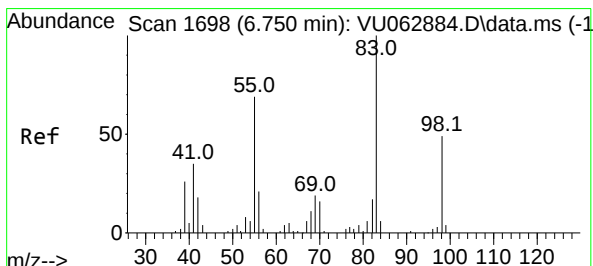
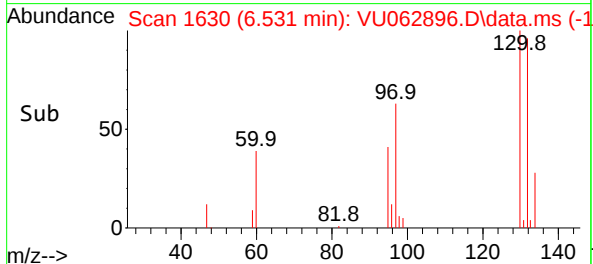
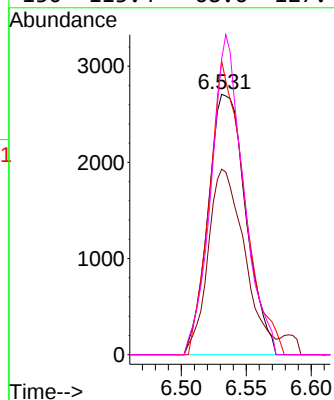
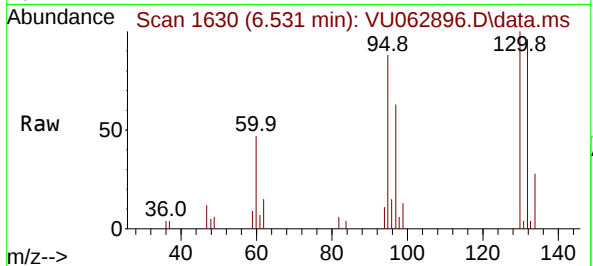




#34
Trichloroethene
Concen: 0.667 ug/L
RT: 6.531 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VU062896.D
Acq: 18 Jan 2025 01:39

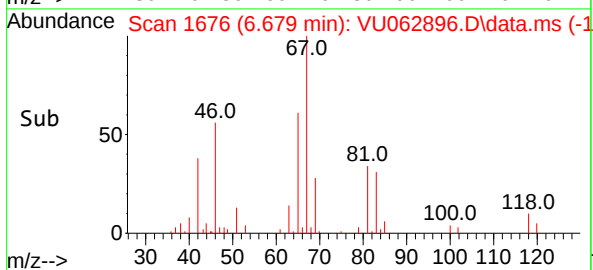
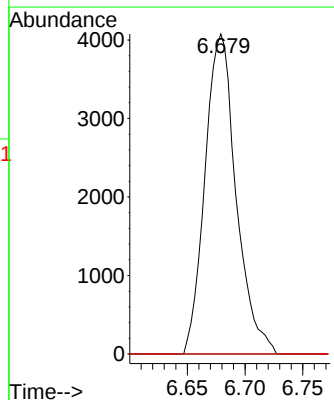
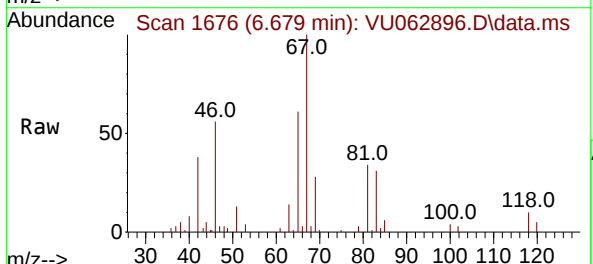
Instrument :
MSVOA_U
ClientSampleId :

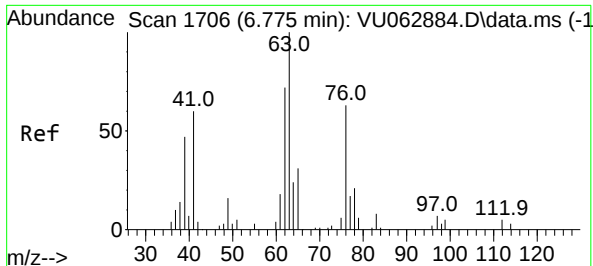
Tgt Ion:	95	Resp:	5464
Ion	Ratio	Lower	Upper
95	100		
97	71.2	47.5	88.3
132	112.9	66.9	124.3
130	113.4	68.6	127.4



#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062896.D
Acq: 18 Jan 2025 01:39

Tgt Ion:	83	Resp:	7647
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	4.9	36.6	55.0#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.093 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

Instrument :

MSVOA_U

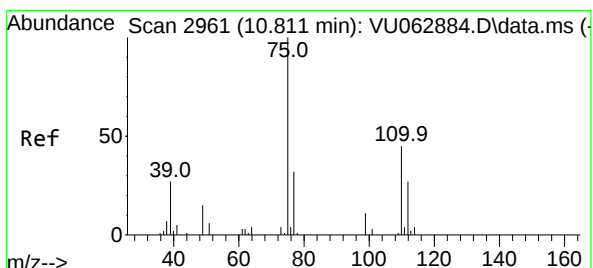
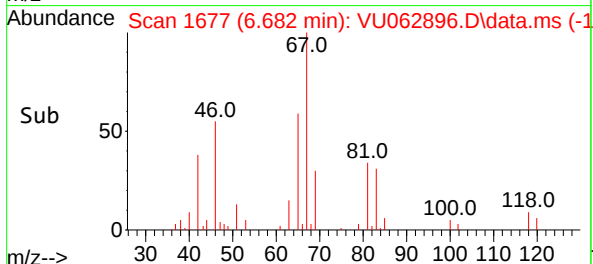
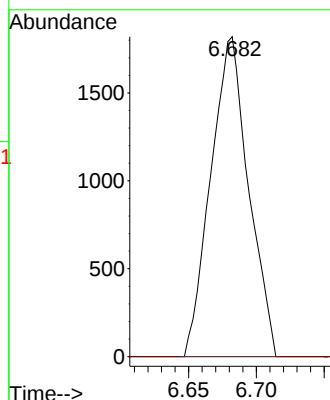
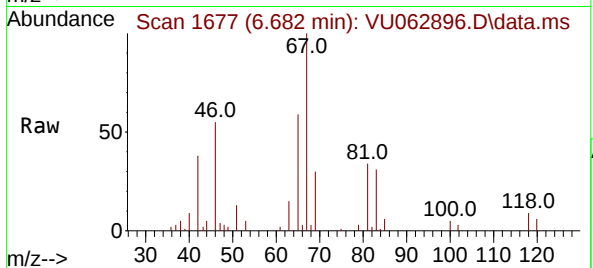
ClientSampleId :

Tgt Ion: 63 Resp: 3532

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.119 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU062896.D

Acq: 18 Jan 2025 01:39

Tgt Ion: 75 Resp: 3816

Ion Ratio Lower Upper

75 100

110 1.2 33.2 49.8#

77 37.7 25.9 38.9

