

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062892.D
 Acq On : 18 Jan 2025 00:00
 Operator : MD/SY
 Sample : Q1086-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 00:59:23 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)

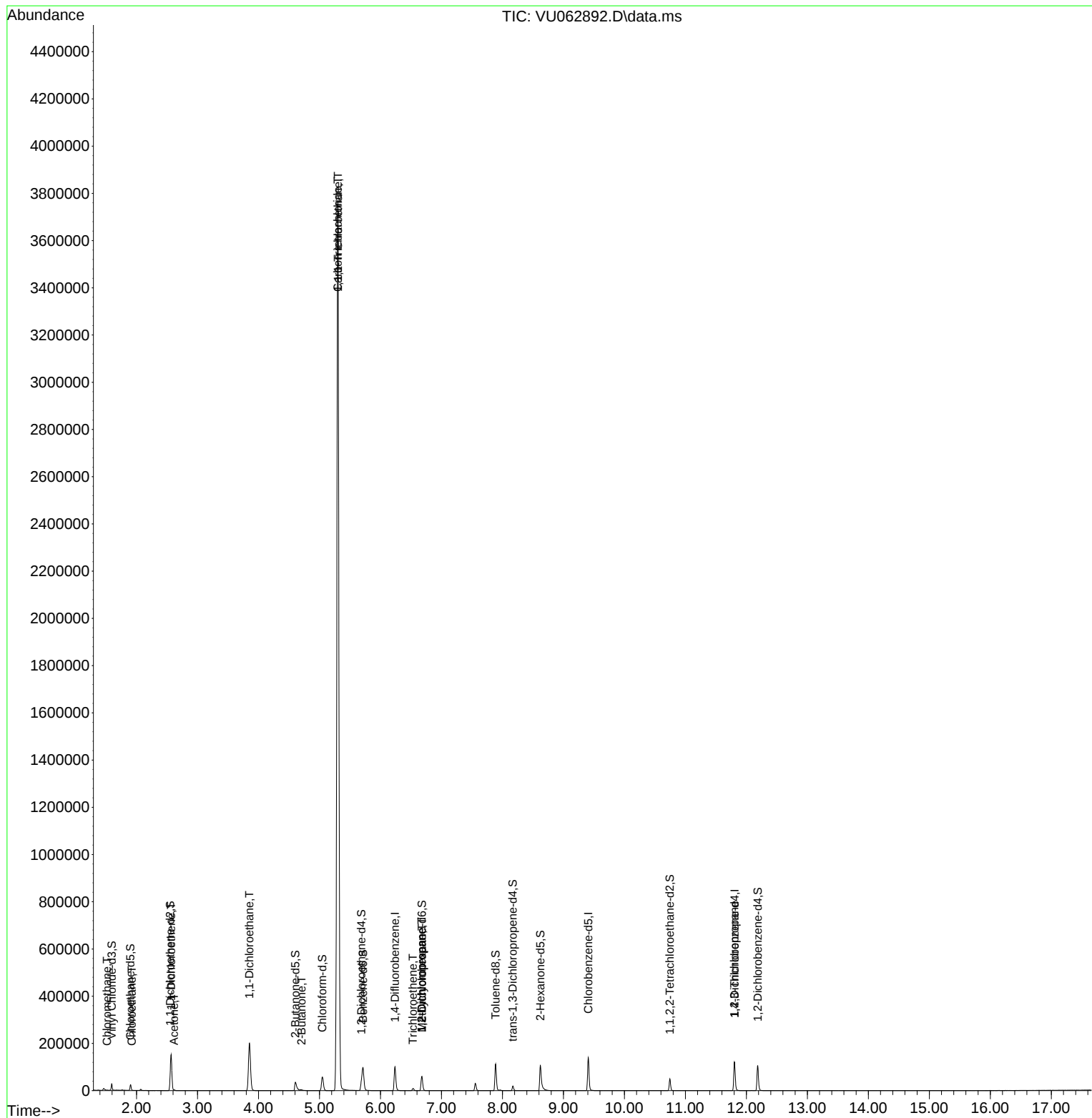
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	82788	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17926	3.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.901	69	17167	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.554	65	7844	3.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.605	46	51636	55.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.200%
24) Chloroform-d	5.046	84	54726	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.689	65	32251	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.714	84	90992	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.679	67	26239	4.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.888	98	75468	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.171	79	12294	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.621	63	37968	44.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23096	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	30829	5.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	804	0.152	ug/L	92
8) Chloroethane	1.924	64	680	0.190	ug/L #	44
12) 1,1-Dichloroethene	2.567	96	45375	8.829	ug/L #	84
13) Acetone	2.615	43	3616	4.871	ug/L	97
19) 1,1-Dichloroethane	3.853	63	220126	22.360	ug/L	97
21) 2-Butanone	4.708	43	5864	5.931	ug/L	87
29) 1,1,1-Trichloroethane	5.303	97	2927692	242.293	ug/L	98
31) Carbon tetrachloride	5.300	117	336491	30.302	ug/L	98
34) Trichloroethene	6.531	95	3715	0.475	ug/L	92
35) Methylcyclohexane	6.679	83	7730	0.804	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3411	0.632	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3433	1.072	ug/L #	61

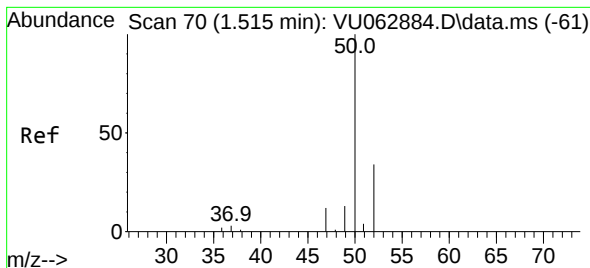
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.152 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU062892.D

Acq: 18 Jan 2025 00:00

Instrument :

MSVOA_U

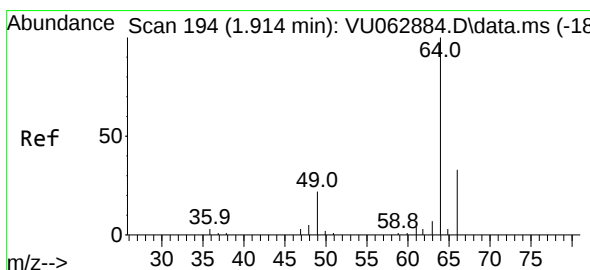
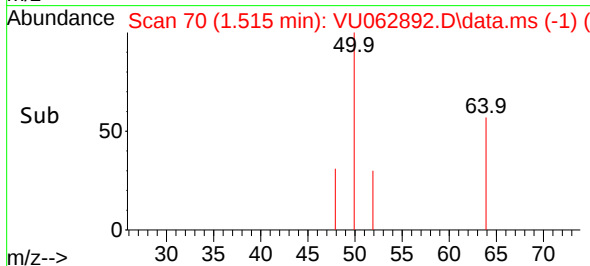
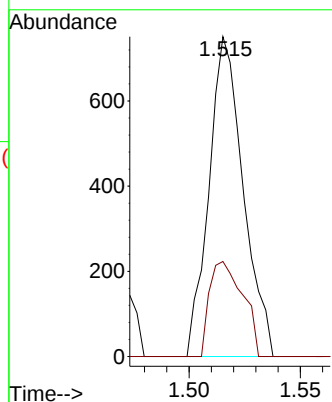
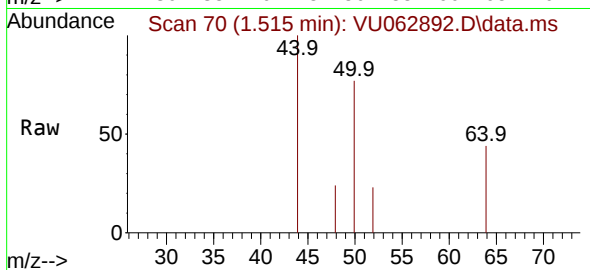
ClientSampleId :

Tgt Ion: 50 Resp: 804

Ion Ratio Lower Upper

50 100

52 29.7 24.1 44.7



#8

Chloroethane

Concen: 0.190 ug/L

RT: 1.924 min Scan# 197

Delta R.T. 0.010 min

Lab File: VU062892.D

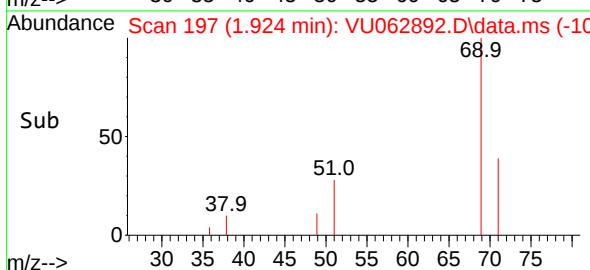
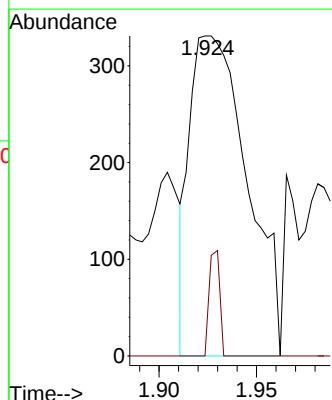
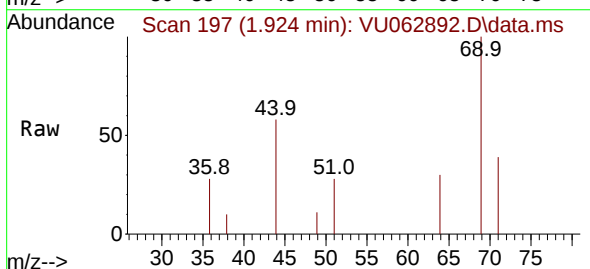
Acq: 18 Jan 2025 00:00

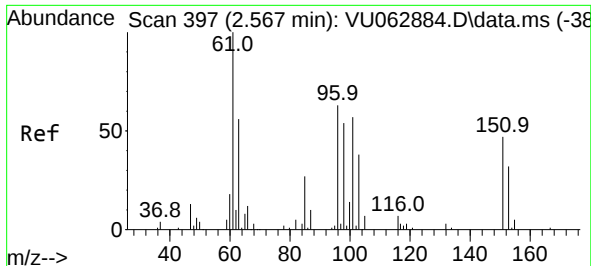
Tgt Ion: 64 Resp: 680

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.2#

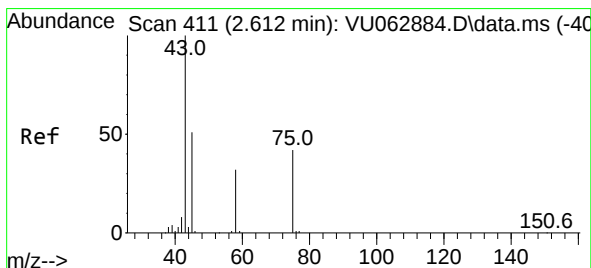
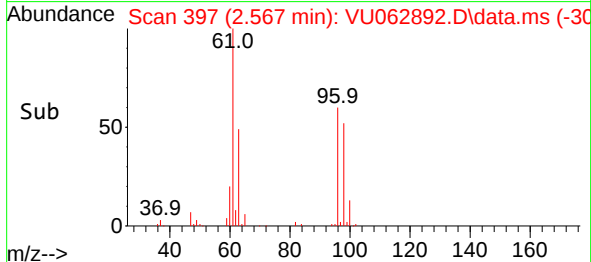
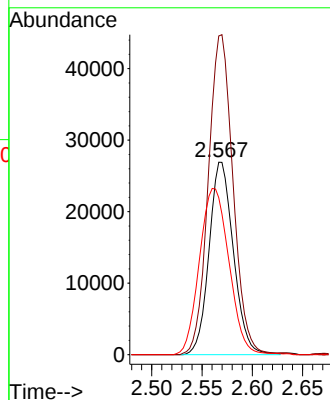
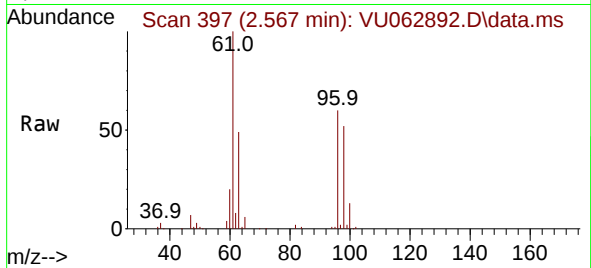




#12
1,1-Dichloroethene
Concen: 8.829 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU062892.D
Acq: 18 Jan 2025 00:00

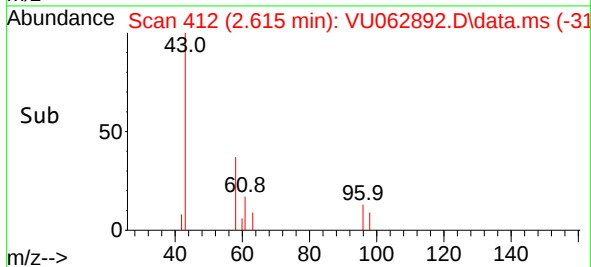
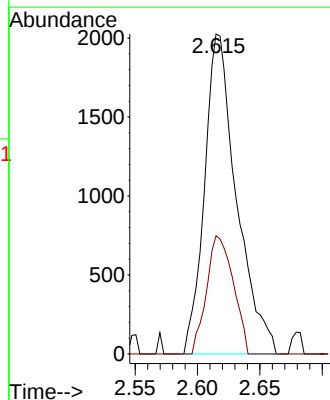
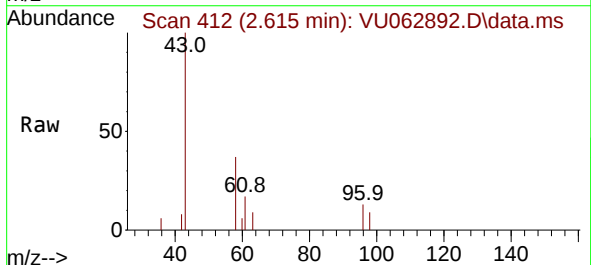
Instrument :
MSVOA_U
ClientSampleId :

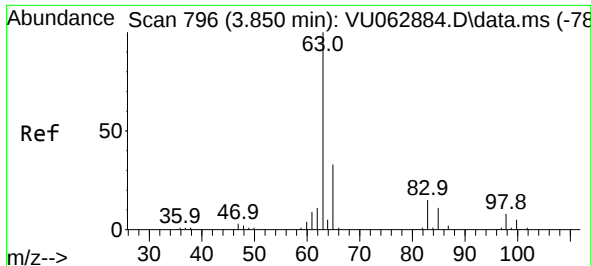
Tgt Ion: 96 Resp: 45375
Ion Ratio Lower Upper
96 100
61 165.5 120.4 223.6
63 81.5 82.3 152.9#



#13
Acetone
Concen: 4.871 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU062892.D
Acq: 18 Jan 2025 00:00

Tgt Ion: 43 Resp: 3616
Ion Ratio Lower Upper
43 100
58 30.8 0.0 64.4





#19

1,1-Dichloroethane

Concen: 22.360 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062892.D

Acq: 18 Jan 2025 00:00

Instrument :

MSVOA_U

ClientSampleId :

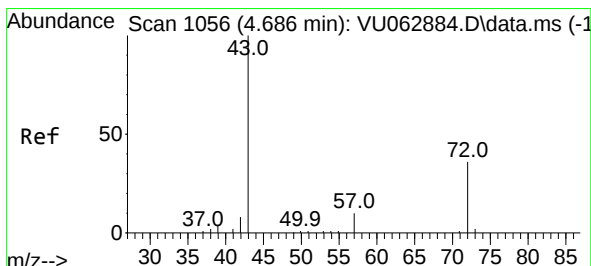
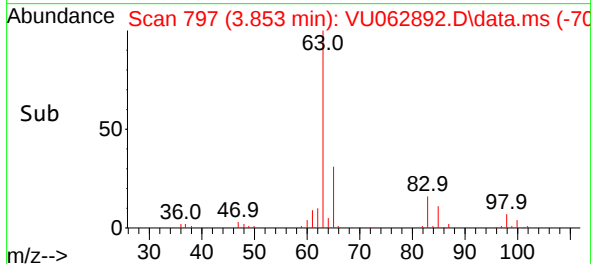
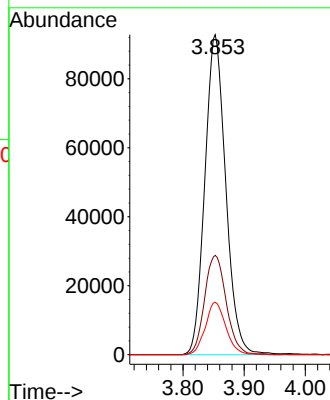
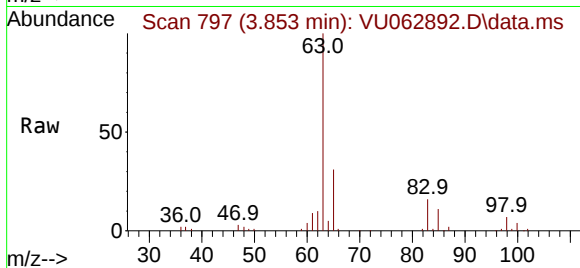
Tgt Ion: 63 Resp: 220126

Ion Ratio Lower Upper

63 100

65 31.0 20.7 38.5

83 16.4 10.5 19.5



#21

2-Butanone

Concen: 5.931 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.022 min

Lab File: VU062892.D

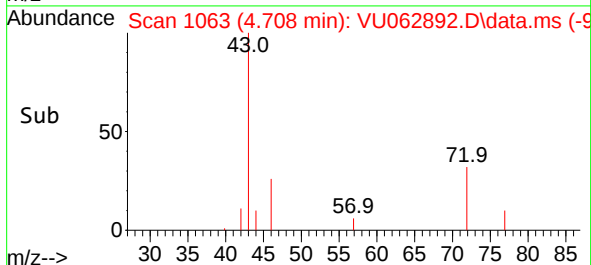
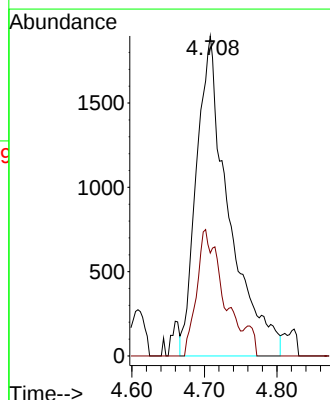
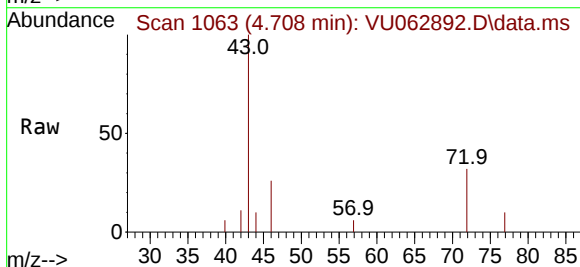
Acq: 18 Jan 2025 00:00

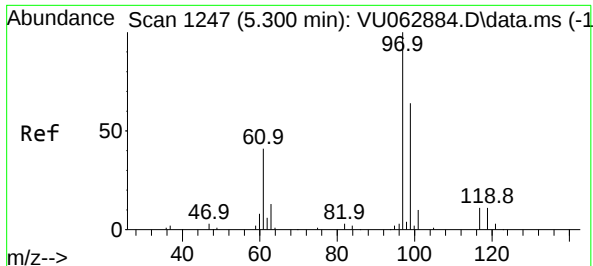
Tgt Ion: 43 Resp: 5864

Ion Ratio Lower Upper

43 100

72 26.9 17.1 51.2

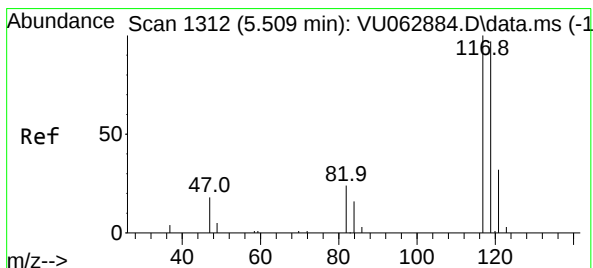
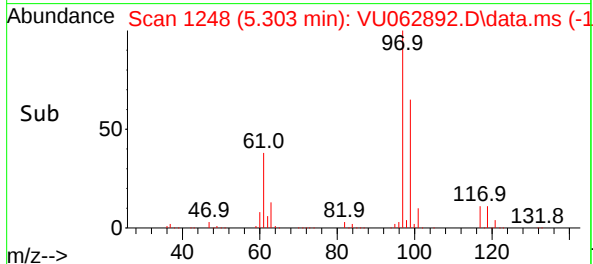
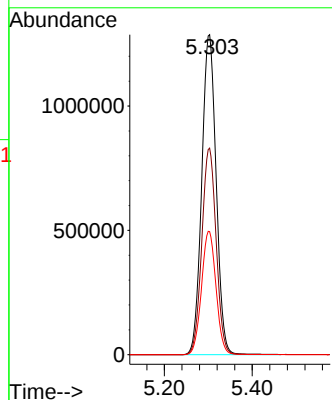
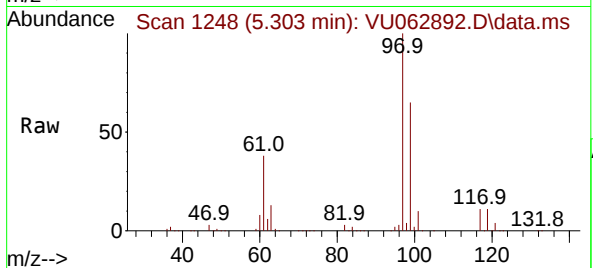




#29
1,1,1-Trichloroethane
Concen: 242.293 ug/L
RT: 5.303 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VU062892.D
Acq: 18 Jan 2025 00:00

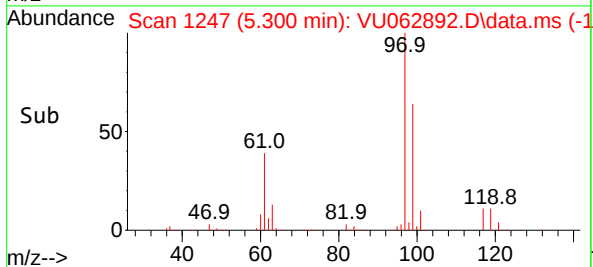
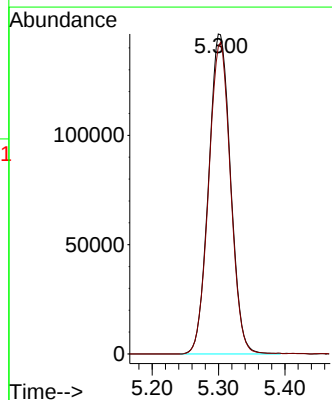
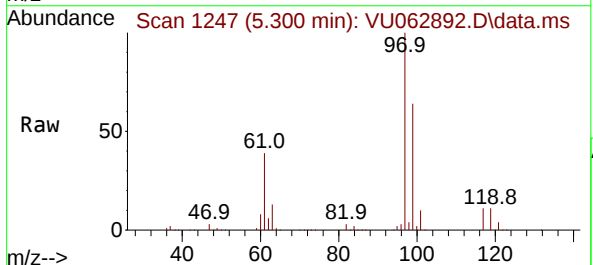
Instrument :
MSVOA_U
ClientSampleId :

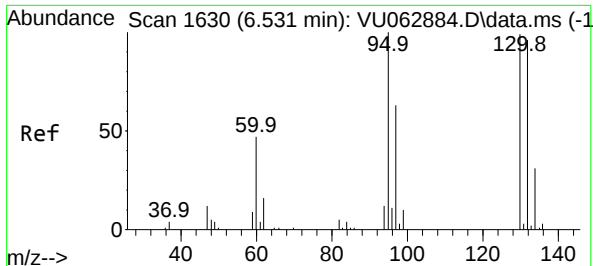
Tgt Ion: 97 Resp: 2927692
Ion Ratio Lower Upper
97 100
99 64.4 52.4 78.6
61 38.8 32.2 48.4



#31
Carbon tetrachloride
Concen: 30.302 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.209 min
Lab File: VU062892.D
Acq: 18 Jan 2025 00:00

Tgt Ion: 117 Resp: 336491
Ion Ratio Lower Upper
117 100
119 96.8 78.6 118.0





#34

Trichloroethene

Concen: 0.475 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.000 min

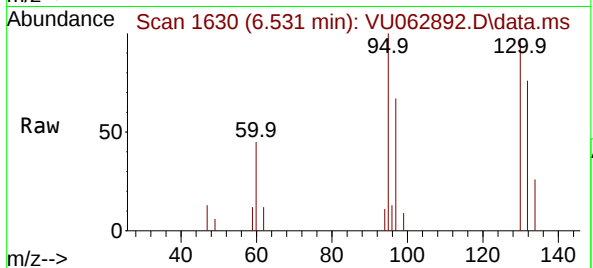
Lab File: VU062892.D

Acq: 18 Jan 2025 00:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 3715

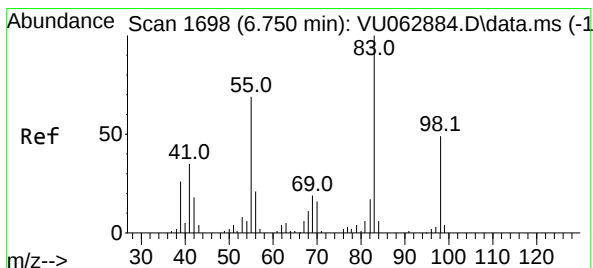
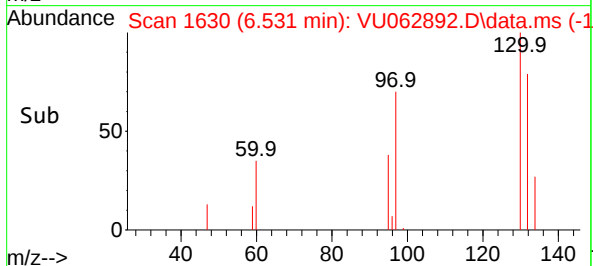
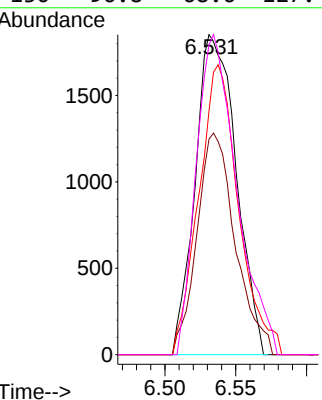
Ion Ratio Lower Upper

95 100

97 67.3 47.5 88.3

132 76.1 66.9 124.3

130 96.8 68.6 127.4



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062892.D

Acq: 18 Jan 2025 00:00

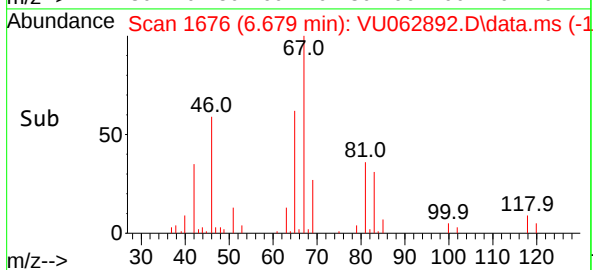
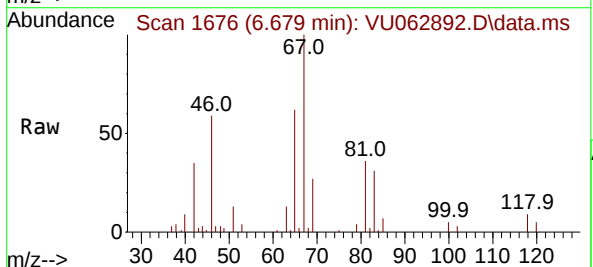
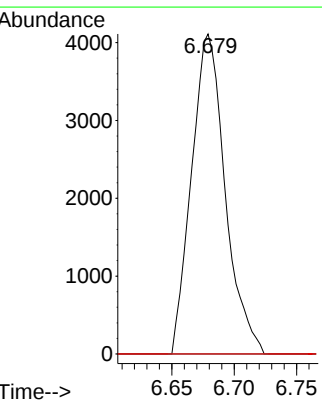
Tgt Ion: 83 Resp: 7730

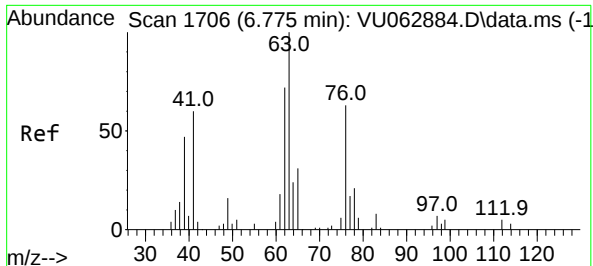
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.9 36.6 55.0#

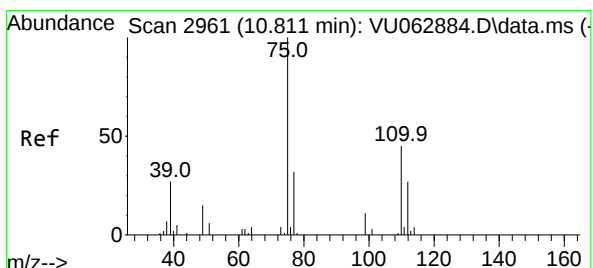
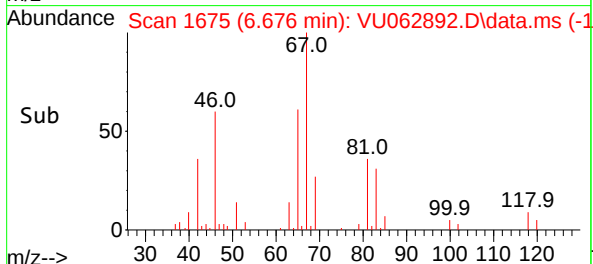
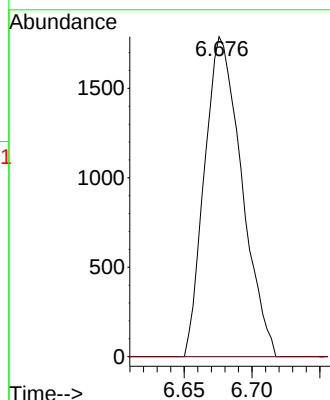
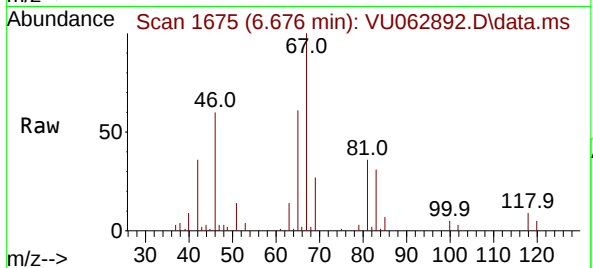




#37
1,2-Dichloropropane
Concen: 0.632 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062892.D
Acq: 18 Jan 2025 00:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3411
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.072 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.993 min
Lab File: VU062892.D
Acq: 18 Jan 2025 00:00

Tgt Ion: 75 Resp: 3433
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 34.3 25.9 38.9

