

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062893.D
 Acq On : 18 Jan 2025 00:25
 Operator : MD/SY
 Sample : Q1086-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 00:59:43 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)

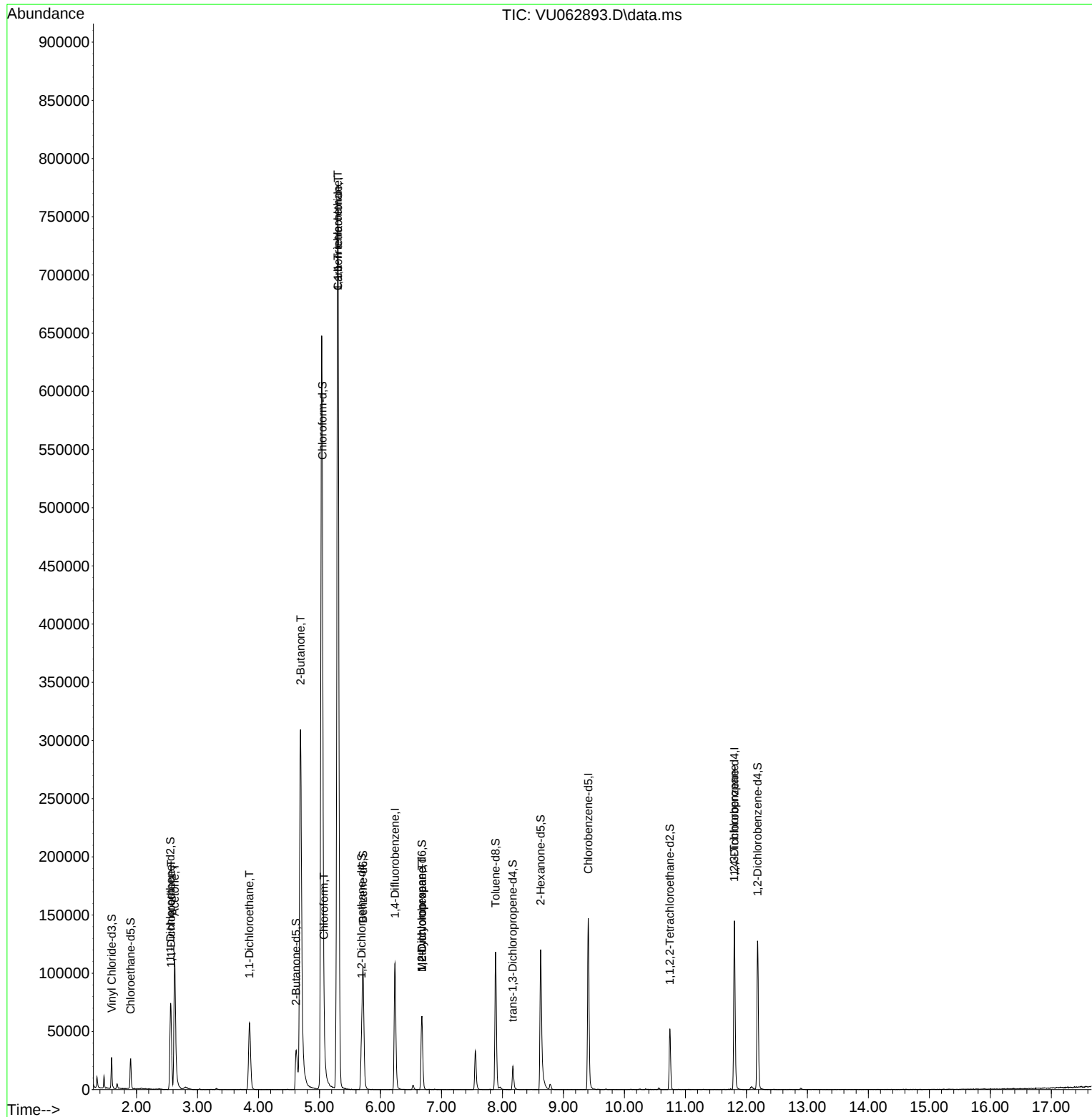
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89579	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	84047	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40997	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18076	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.904	69	17927	4.492	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.557	65	9897	3.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.618	46	52811	52.083	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.160%
24) Chloroform-d	5.049	84	59312	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.692	65	33377	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.714	84	95846	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.679	67	27177	4.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.888	98	81565	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.171	79	12721	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.627	63	43691	48.924	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24221	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	36148	5.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.566	96	13143	2.363	ug/L #	69
13) Acetone	2.627	43	149673	186.333	ug/L	98
19) 1,1-Dichloroethane	3.852	63	63587	5.969	ug/L	94
21) 2-Butanone	4.688	43	449376	420.066	ug/L	99
25) Chloroform	5.074	83	2794	0.213	ug/L	80
29) 1,1,1-Trichloroethane	5.299	97	581989	45.651	ug/L	99
31) Carbon tetrachloride	5.303	117	66612	5.685	ug/L	100
35) Methylcyclohexane	6.679	83	7832	0.772	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3797	0.667	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3749	1.031	ug/L #	60

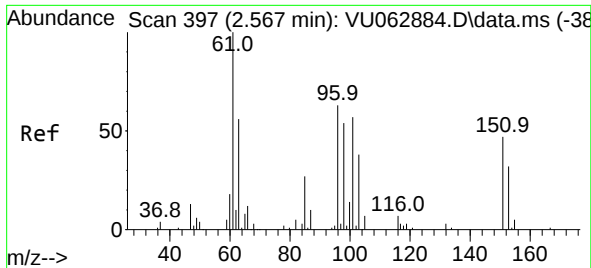
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
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Misc : 25mL/MSVOA_U/WATER
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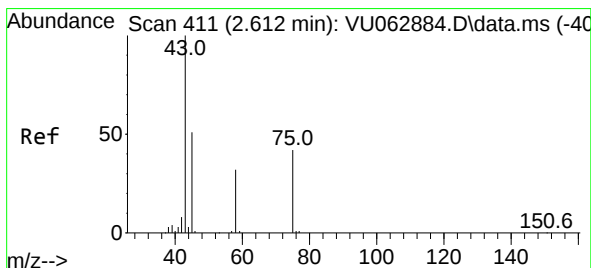
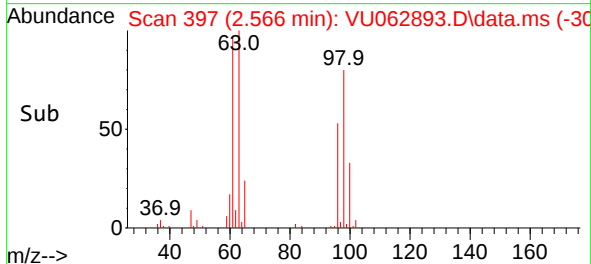
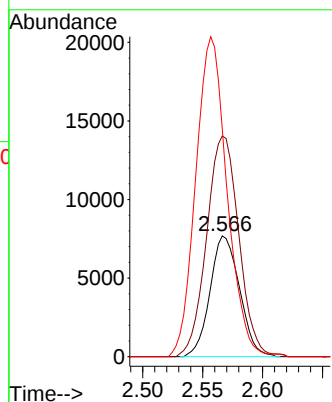
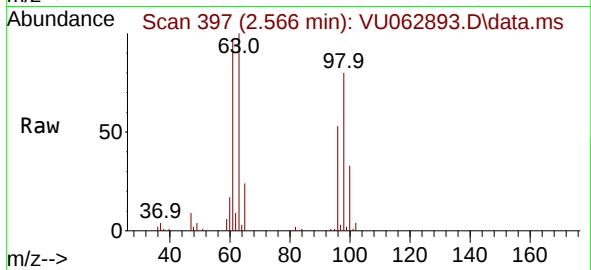




#12
1,1-Dichloroethene
Concen: 2.363 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU062893.D
Acq: 18 Jan 2025 00:25

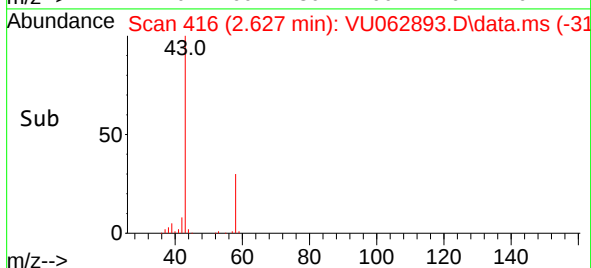
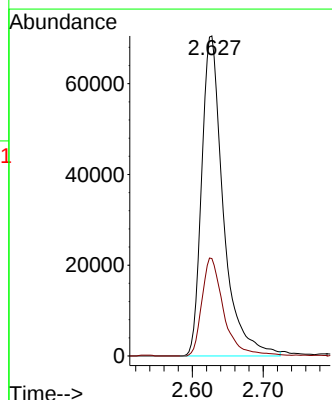
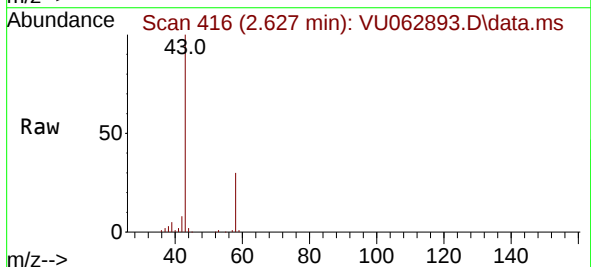
Instrument :
MSVOA_U
ClientSampleId :

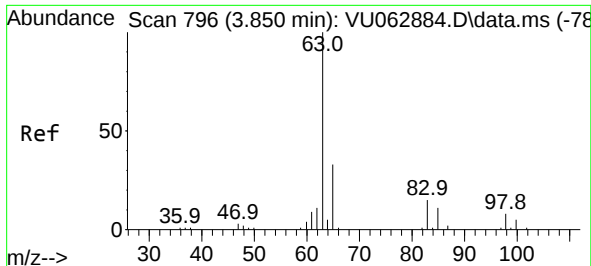
Tgt Ion: 96 Resp: 13143
Ion Ratio Lower Upper
96 100
61 182.9 120.4 223.6
63 188.8 82.3 152.9#



#13
Acetone
Concen: 186.333 ug/L
RT: 2.627 min Scan# 416
Delta R.T. 0.016 min
Lab File: VU062893.D
Acq: 18 Jan 2025 00:25

Tgt Ion: 43 Resp: 149673
Ion Ratio Lower Upper
43 100
58 30.8 0.0 64.4





#19

1,1-Dichloroethane

Concen: 5.969 ug/L

RT: 3.852 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062893.D

Acq: 18 Jan 2025 00:25

Instrument :

MSVOA_U

ClientSampleId :

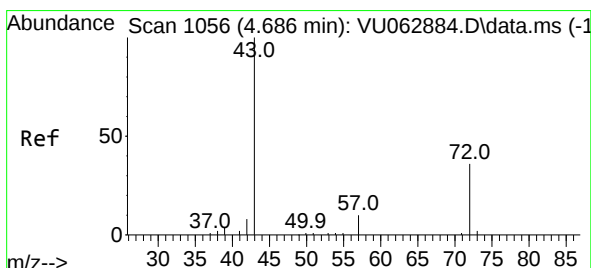
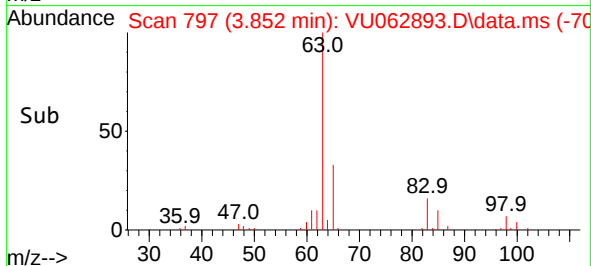
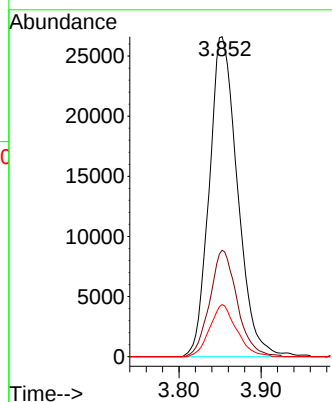
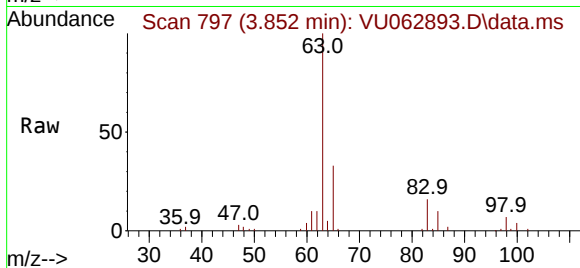
Tgt Ion: 63 Resp: 63587

Ion Ratio Lower Upper

63 100

65 33.3 20.7 38.5

83 16.3 10.5 19.5



#21

2-Butanone

Concen: 420.066 ug/L

RT: 4.688 min Scan# 1057

Delta R.T. 0.003 min

Lab File: VU062893.D

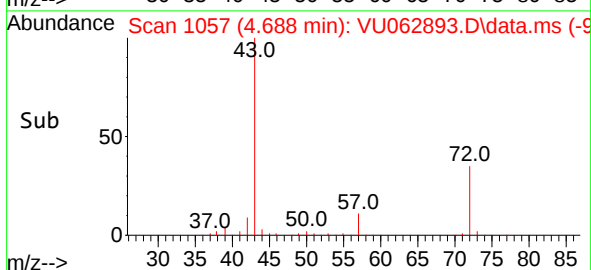
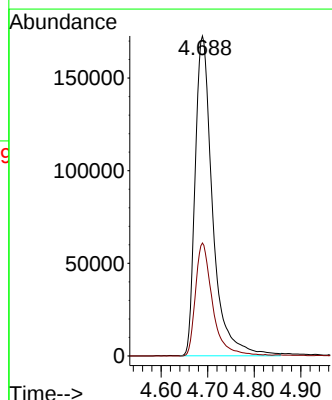
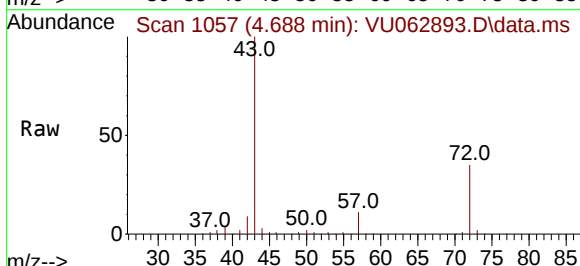
Acq: 18 Jan 2025 00:25

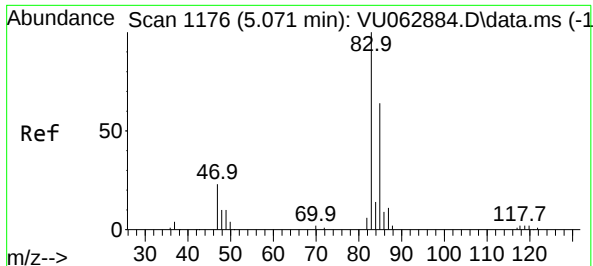
Tgt Ion: 43 Resp: 449376

Ion Ratio Lower Upper

43 100

72 34.6 17.1 51.2





#25

Chloroform

Concen: 0.213 ug/L

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU062893.D

Acq: 18 Jan 2025 00:25

Instrument :

MSVOA_U

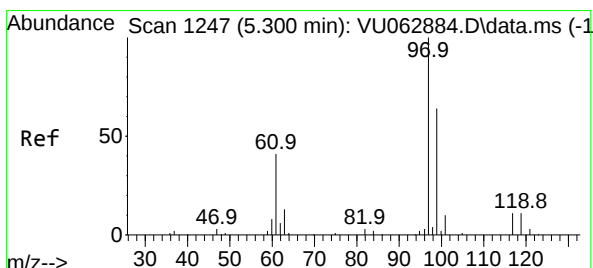
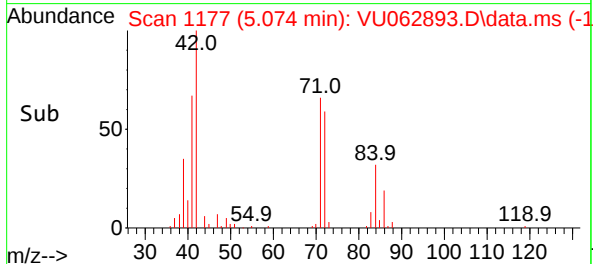
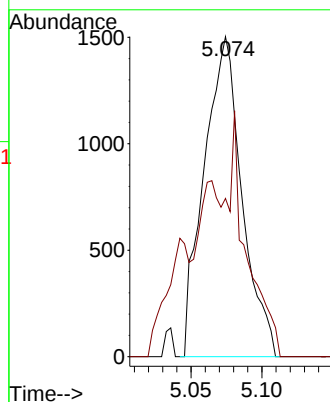
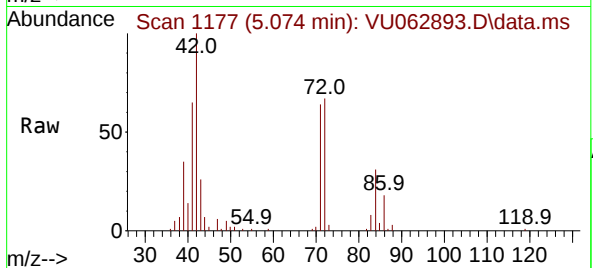
ClientSampleId :

Tgt Ion: 83 Resp: 2794

Ion Ratio Lower Upper

83 100

85 49.4 45.8 85.2



#29

1,1,1-Trichloroethane

Concen: 45.651 ug/L

RT: 5.299 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VU062893.D

Acq: 18 Jan 2025 00:25

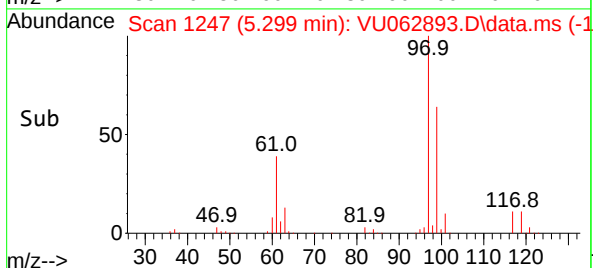
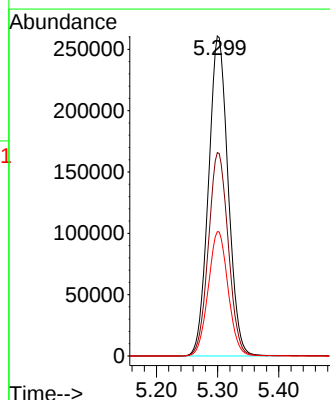
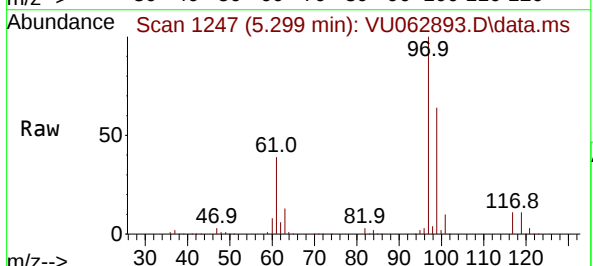
Tgt Ion: 97 Resp: 581989

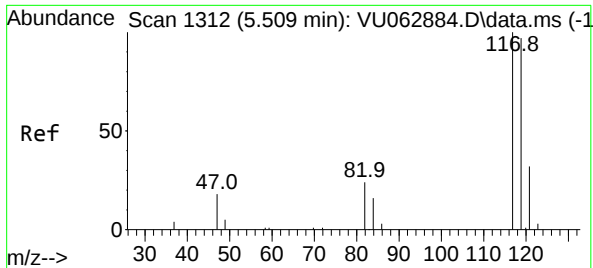
Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 39.3 32.2 48.4

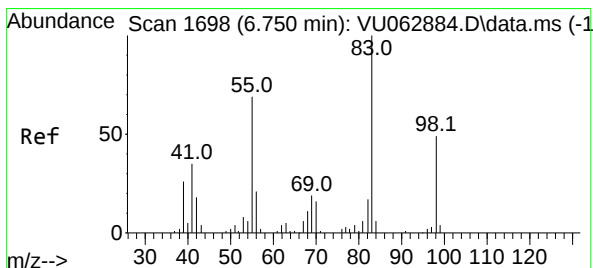
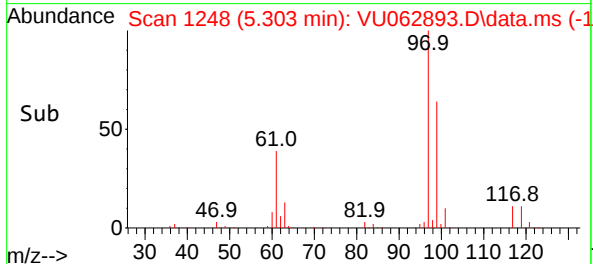
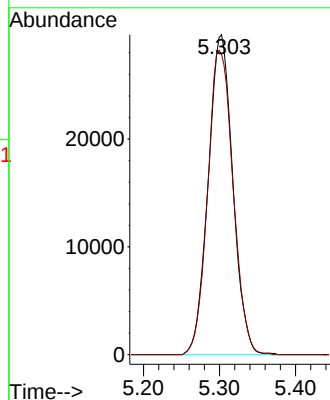
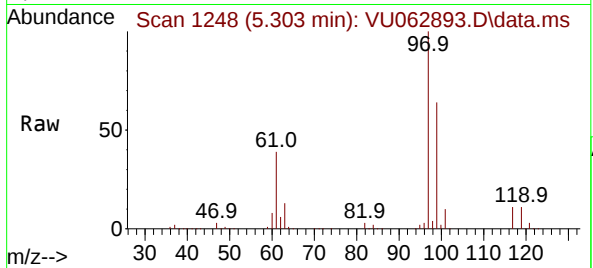




#31
Carbon tetrachloride
Concen: 5.685 ug/L
RT: 5.303 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062893.D
Acq: 18 Jan 2025 00:25

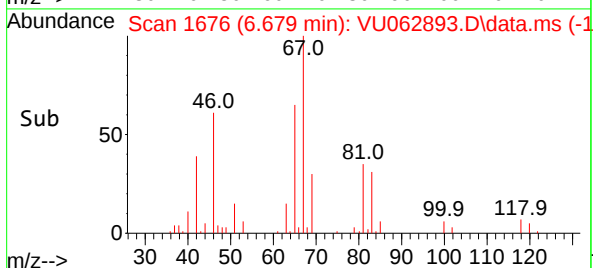
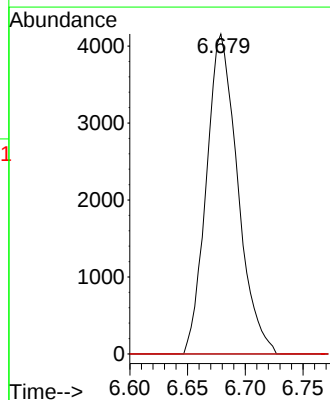
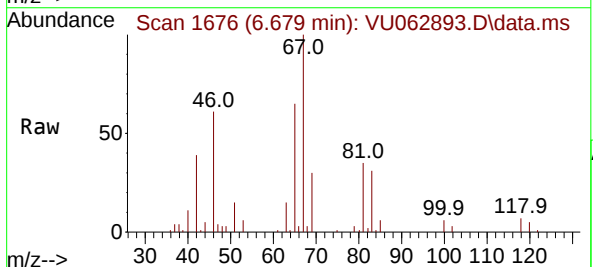
Instrument :
MSVOA_U
ClientSampleId :

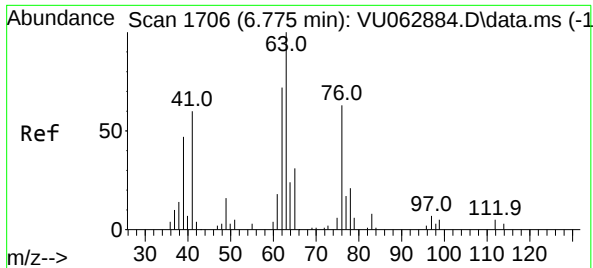
Tgt Ion:117 Resp: 66612
Ion Ratio Lower Upper
117 100
119 98.2 78.6 118.0



#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062893.D
Acq: 18 Jan 2025 00:25

Tgt Ion: 83 Resp: 7832
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.6 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU062893.D

Acq: 18 Jan 2025 00:25

Instrument :

MSVOA_U

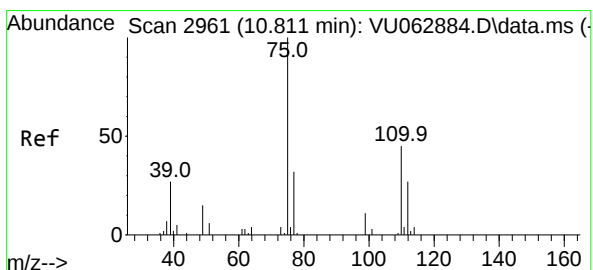
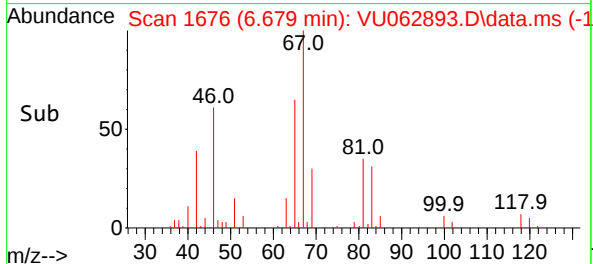
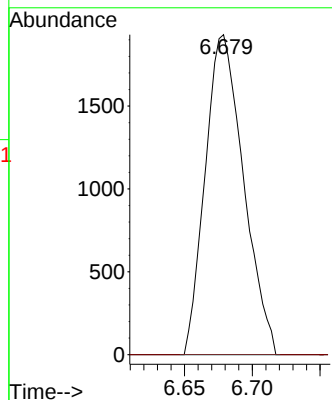
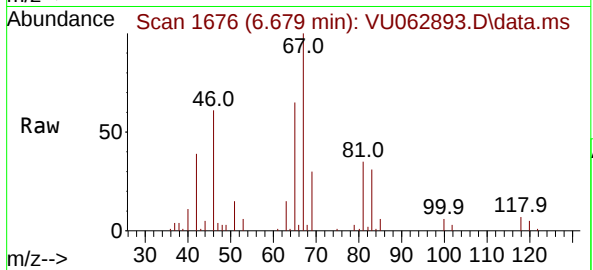
ClientSampleId :

Tgt Ion: 63 Resp: 3797

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.031 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062893.D

Acq: 18 Jan 2025 00:25

Tgt Ion: 75 Resp: 3749

Ion Ratio Lower Upper

75 100

110 1.2 33.2 49.8#

77 37.4 25.9 38.9

