

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062899.D
 Acq On : 18 Jan 2025 02:53
 Operator : MD/SY
 Sample : Q1086-20
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

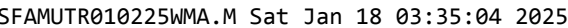
Quant Time: Jan 18 03:34:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

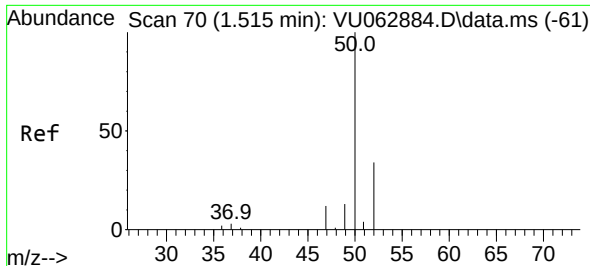
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	38719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17919	3.772	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.904	69	17010	4.451	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.554	65	9748	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.608	46	49737	51.225	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.440%
24) Chloroform-d	5.049	84	55168	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.689	65	31502	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.714	84	89141	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.676	67	25741	4.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.888	98	80861	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.171	79	11985	4.353	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.621	63	40261	46.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22878	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	33001	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
3) Chloromethane	1.515	50	1049	0.191	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	1263	0.210	ug/L #	27
12) 1,1-Dichloroethene	2.570	96	414698	77.879	ug/L #	75
14) Carbon disulfide	2.782	76	6528	0.384	ug/L	98
19) 1,1-Dichloroethane	3.853	63	235906	23.128	ug/L	96
27) 1,2-Dichloroethane	5.792	62	1737	0.212	ug/L #	79
29) 1,1,1-Trichloroethane	5.303	97	6659078	538.691	ug/L	98
31) Carbon tetrachloride	5.303	117	761617	67.041	ug/L	98
34) Trichloroethene	6.537	95	5930	0.741	ug/L	95
35) Methylcyclohexane	6.679	83	7441	0.756	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3703	0.670	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3768	1.097	ug/L #	60

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

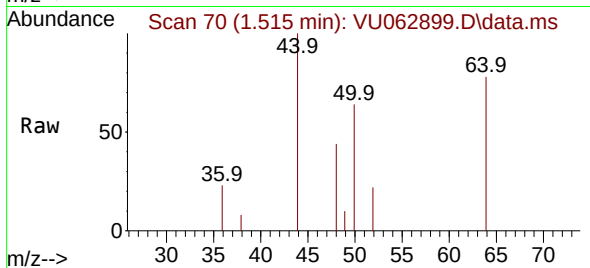
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
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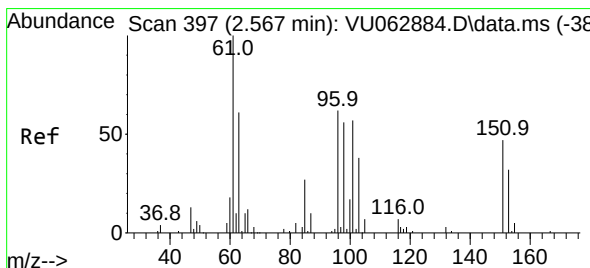
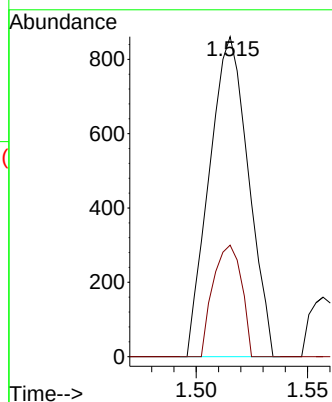
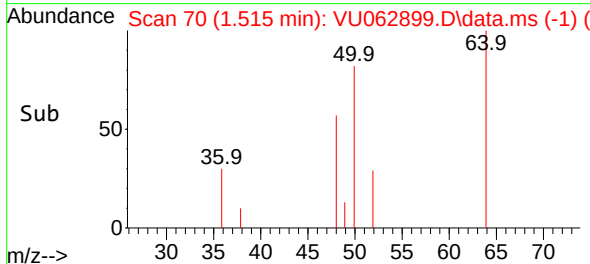


#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062899.D
Acq: 18 Jan 2025 02:53

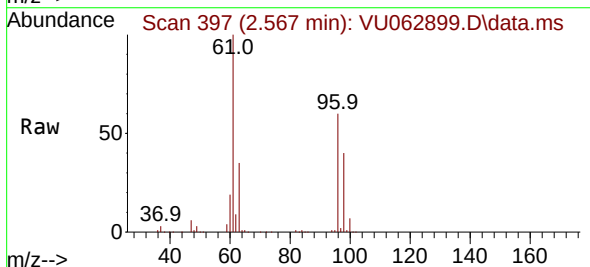
Instrument :
MSVOA_U
ClientSampleId :



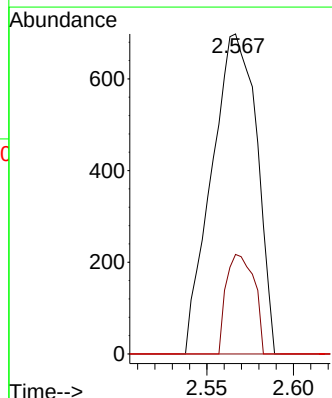
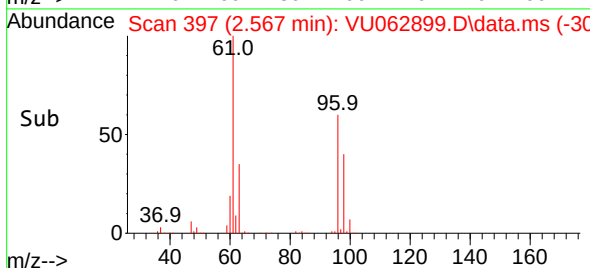
Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 34.8 24.1 44.7

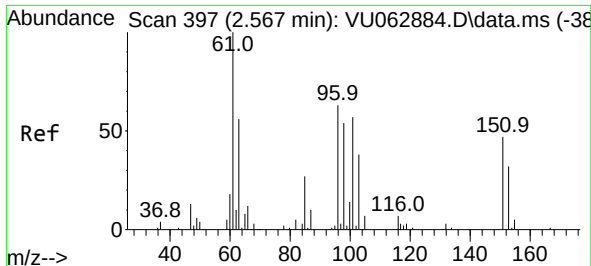


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.210 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU062899.D
Acq: 18 Jan 2025 02:53



Tgt Ion: 101 Resp: 1263
Ion Ratio Lower Upper
101 100
85 19.2 37.0 55.6#
151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 77.879 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU062899.D

Acq: 18 Jan 2025 02:53

Instrument :

MSVOA_U

ClientSampleId :

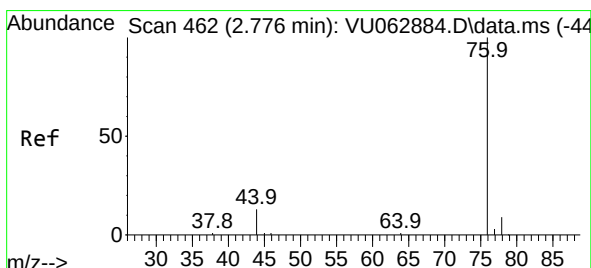
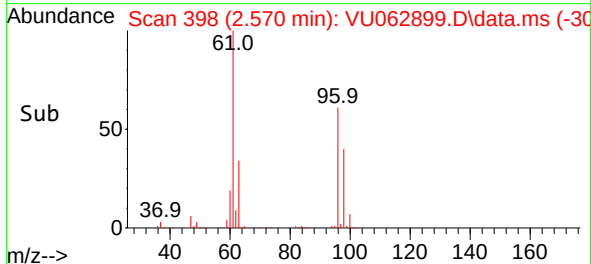
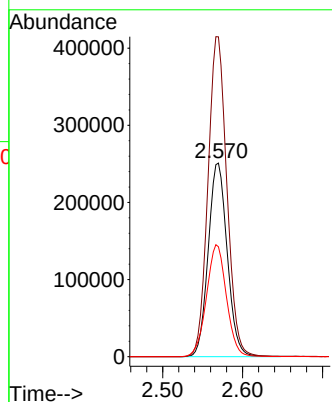
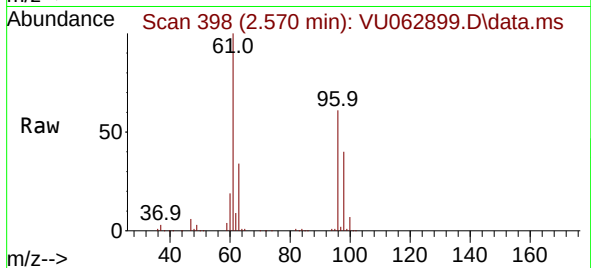
Tgt Ion: 96 Resp: 414698

Ion Ratio Lower Upper

96 100

61 165.2 120.4 223.6

63 56.8 82.3 152.9#



#14

Carbon disulfide

Concen: 0.384 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.006 min

Lab File: VU062899.D

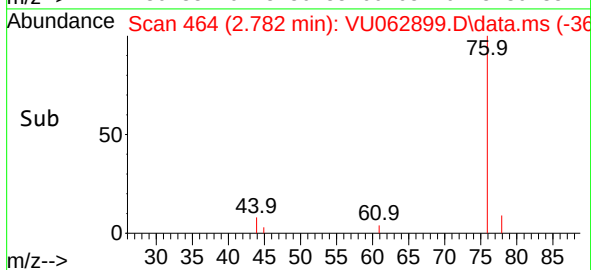
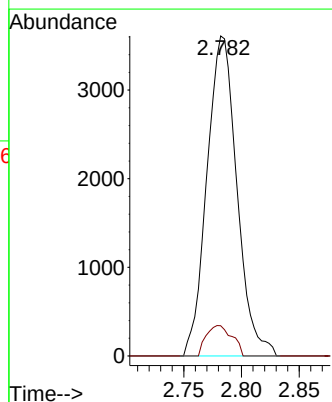
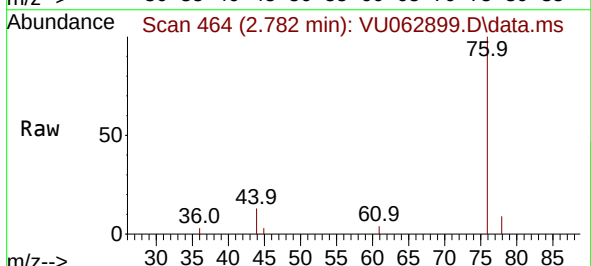
Acq: 18 Jan 2025 02:53

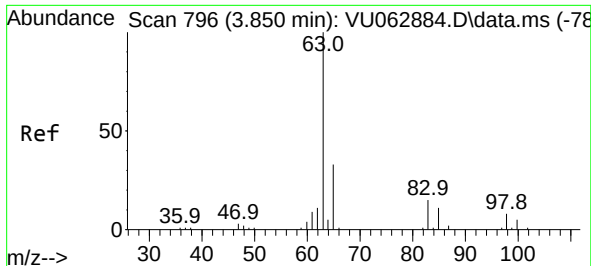
Tgt Ion: 76 Resp: 6528

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





#19

1,1-Dichloroethane

Concen: 23.128 ug/L

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU062899.D

Acq: 18 Jan 2025 02:53

Instrument :

MSVOA_U

ClientSampleId :

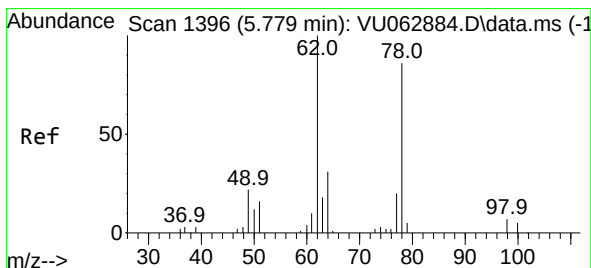
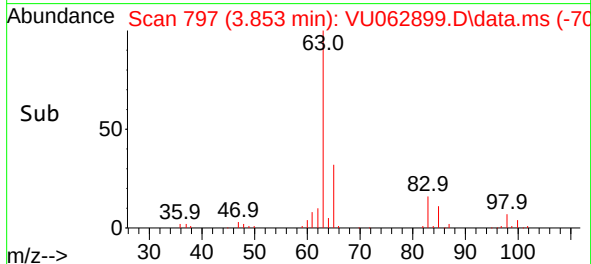
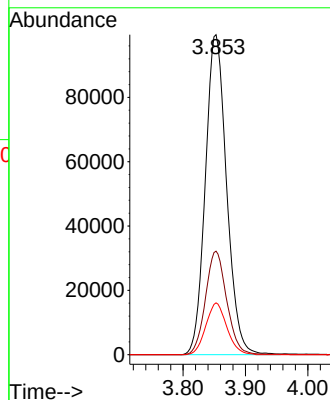
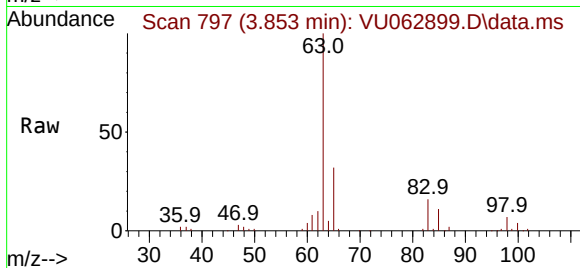
Tgt Ion: 63 Resp: 235906

Ion Ratio Lower Upper

63 100

65 32.4 20.7 38.5

83 16.2 10.5 19.5



#27

1,2-Dichloroethane

Concen: 0.212 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU062899.D

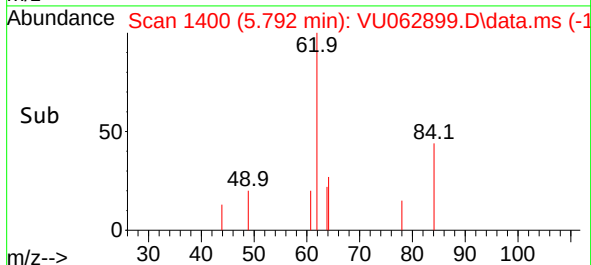
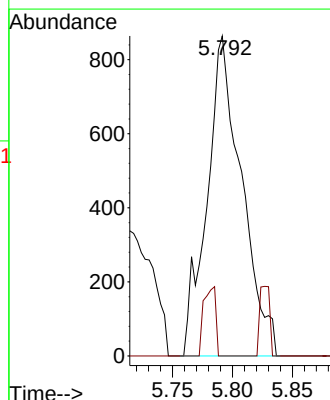
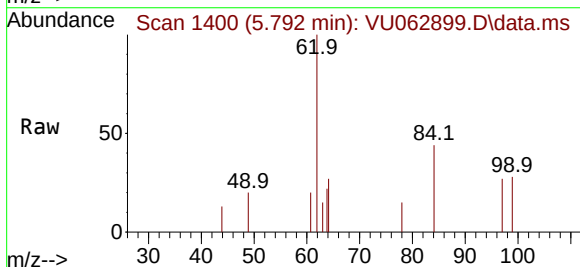
Acq: 18 Jan 2025 02:53

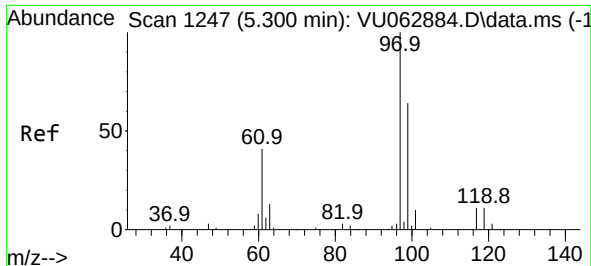
Tgt Ion: 62 Resp: 1737

Ion Ratio Lower Upper

62 100

98 0.0 5.8 8.6#

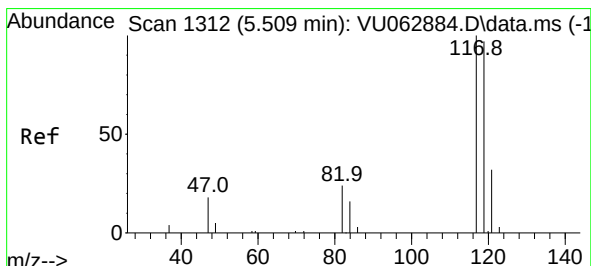
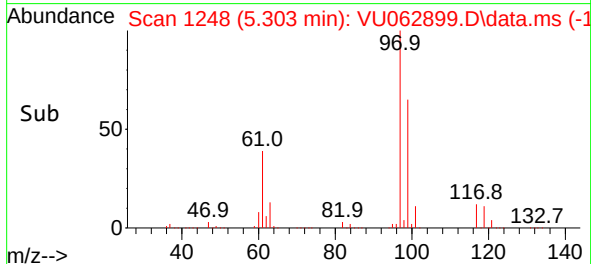
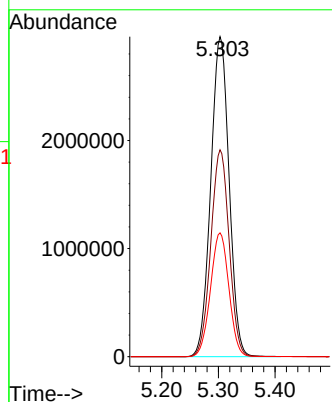
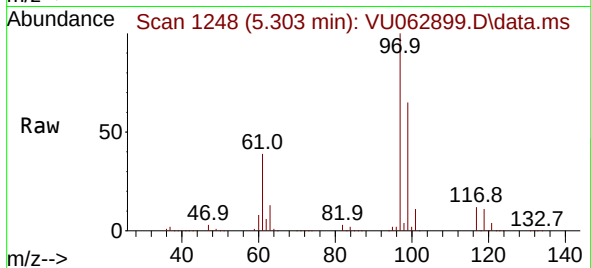




#29
1,1,1-Trichloroethane
Concen: 538.691 ug/L
RT: 5.303 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VU062899.D
Acq: 18 Jan 2025 02:53

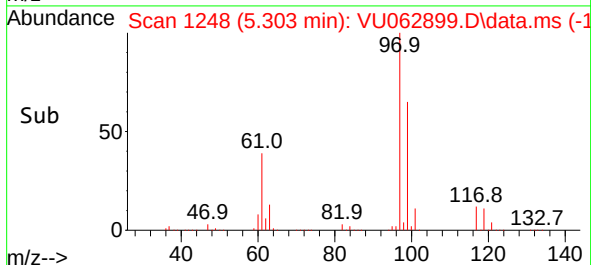
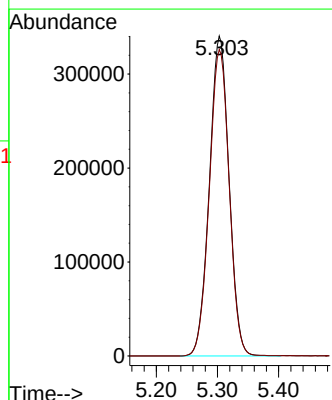
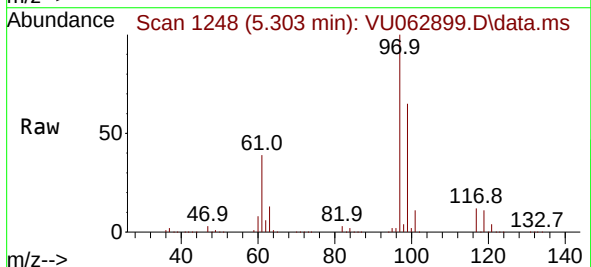
Instrument :
MSVOA_U
ClientSampleId :

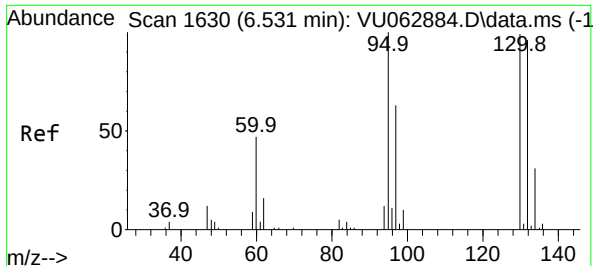
Tgt Ion: 97 Resp: 6659078
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 38.9 32.2 48.4



#31
Carbon tetrachloride
Concen: 67.041 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.206 min
Lab File: VU062899.D
Acq: 18 Jan 2025 02:53

Tgt Ion: 117 Resp: 761617
Ion Ratio Lower Upper
117 100
119 96.7 78.6 118.0





#34

Trichloroethene

Concen: 0.741 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.006 min

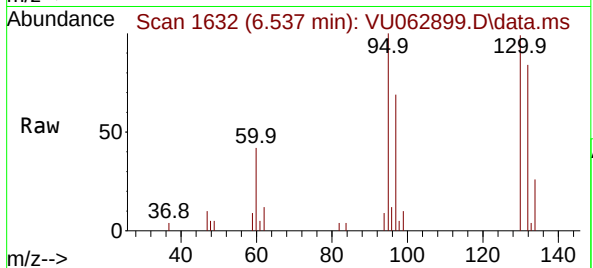
Lab File: VU062899.D

Acq: 18 Jan 2025 02:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 5930

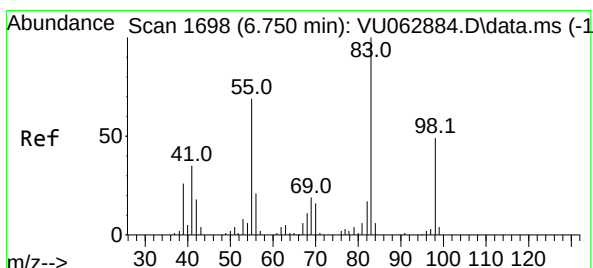
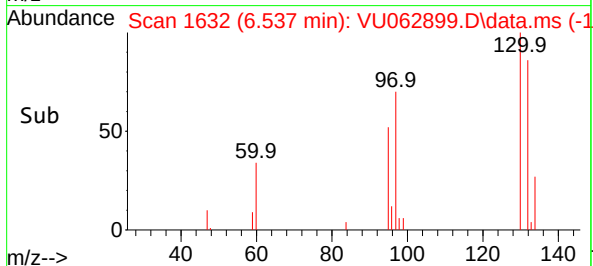
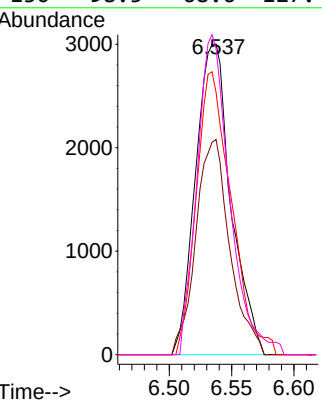
Ion Ratio Lower Upper

95 100

97 69.3 47.5 88.3

132 84.5 66.9 124.3

130 98.5 68.6 127.4



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062899.D

Acq: 18 Jan 2025 02:53

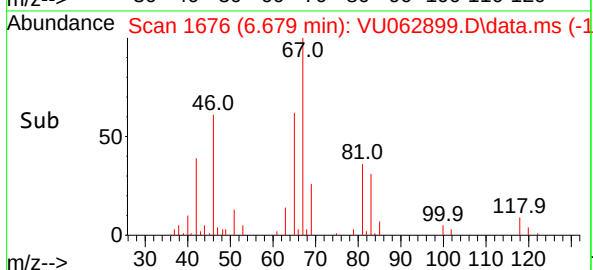
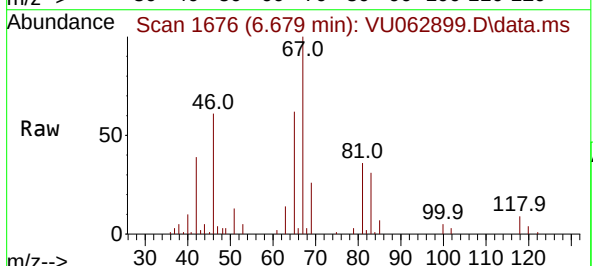
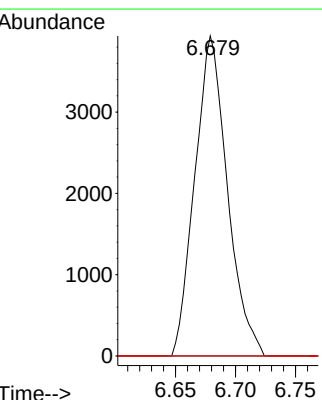
Tgt Ion: 83 Resp: 7441

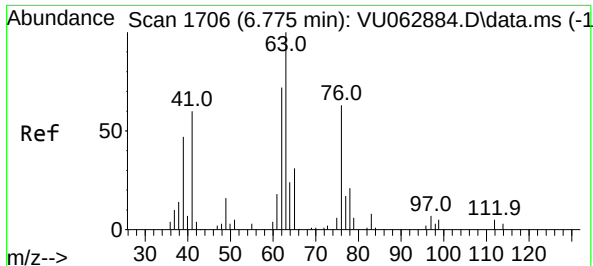
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.3 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062899.D

Acq: 18 Jan 2025 02:53

Instrument :

MSVOA_U

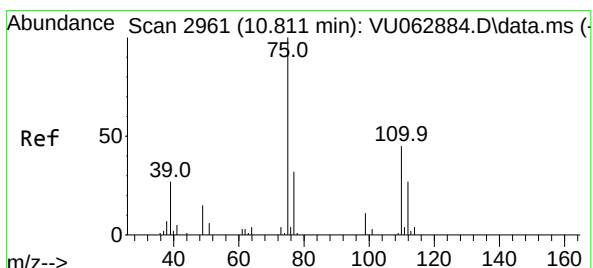
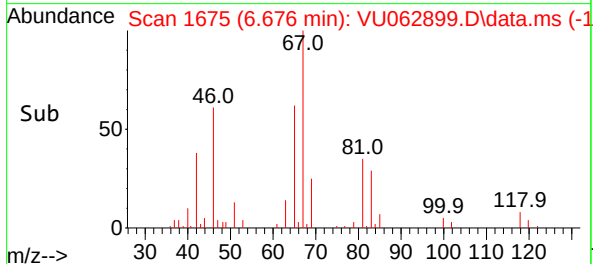
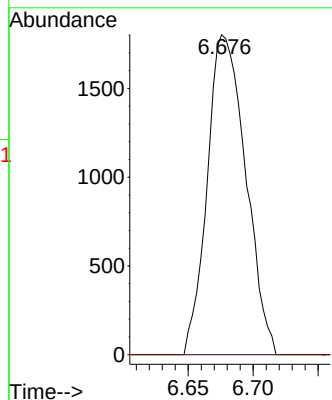
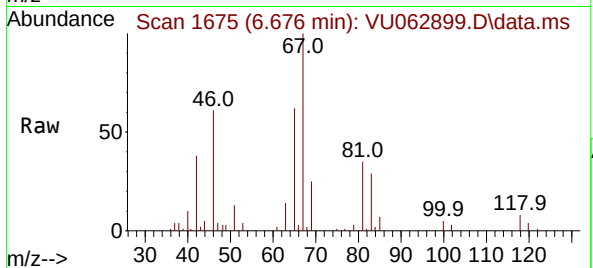
ClientSampleId :

Tgt Ion: 63 Resp: 3703

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.097 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062899.D

Acq: 18 Jan 2025 02:53

Tgt Ion: 75 Resp: 3768

Ion Ratio Lower Upper

75 100

110 0.6 33.2 49.8#

77 37.1 25.9 38.9

