

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056188.D
 Acq On : 10 Nov 2023 22:36
 Operator : MD/SY
 Sample : 05340-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

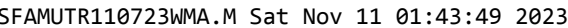
Quant Time: Nov 11 01:43:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

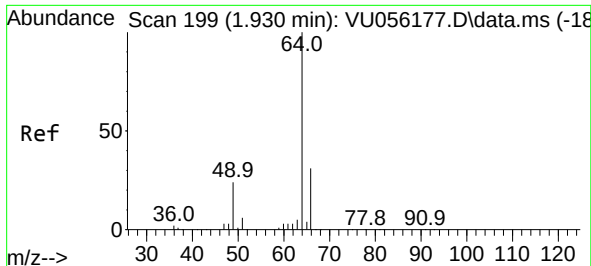
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	364766	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	162768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101815	4.497	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.907	69	80198	5.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.563	65	46060	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.621	46	274697	73.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.900%#
24) Chloroform-d	5.055	84	230736	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.695	65	113211	5.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
32) Benzene-d6	5.721	84	456676	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.685	67	143273	5.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.894	98	380307	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	49968	4.992	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	240164	73.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	146.400%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112786	6.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	12.190	152	146838	5.850	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	2711	0.167	ug/L	99
12) 1,1-Dichloroethene	2.576	96	7578	0.323	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	19963	0.378	ug/L	98
19) 1,1-Dichloroethane	3.869	63	9780	0.216	ug/L	92
21) 2-Butanone	4.798	43	140182	31.030	ug/L #	43
22) cis-1,2-Dichloroethene	4.663	96	12031	0.449	ug/L	97
27) 1,2-Dichloroethane	5.795	62	4734	0.173	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	5758	0.136	ug/L	95
34) Trichloroethene	6.537	95	862822	29.784	ug/L	97
35) Methylcyclohexane	6.685	83	34734	0.807	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	15463	0.561	ug/L #	87
47) Tetrachloroethene	8.547	164	443217	20.385	ug/L	96
48) 2-Hexanone	8.688	43	11570	1.317	ug/L #	79
49) Dibromochloromethane	8.547	129	436898	20.195	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19188	1.366	ug/L #	67

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
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QLast Update : Sat Nov 11 00:40:59 2023
Response via : Initial Calibration

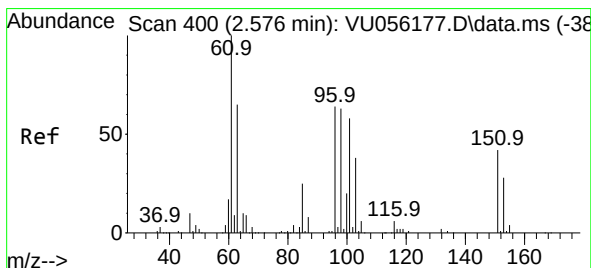
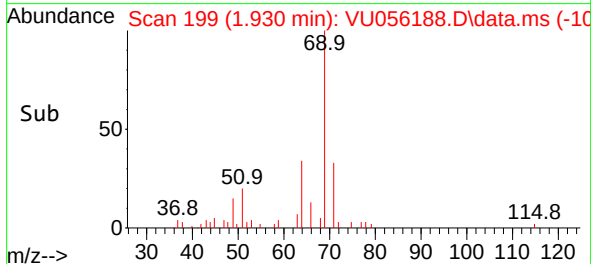
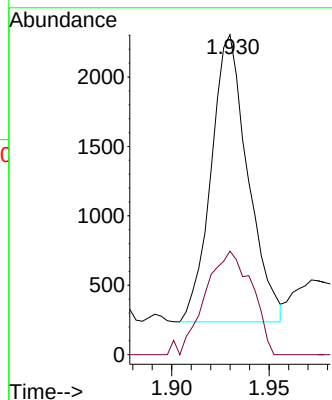
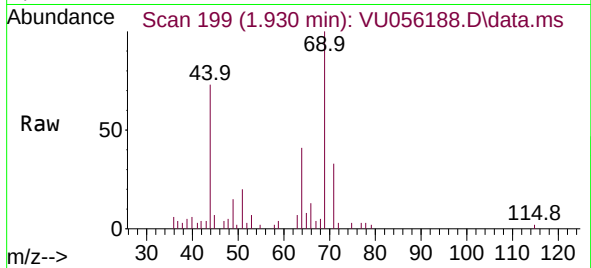




#8
Chloroethane
Concen: 0.167 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

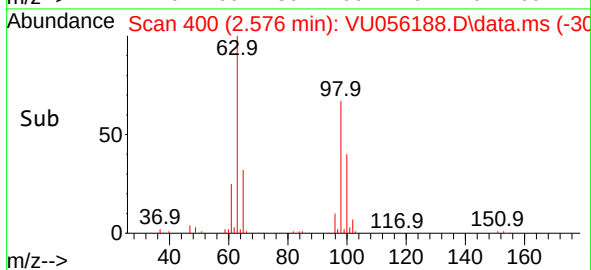
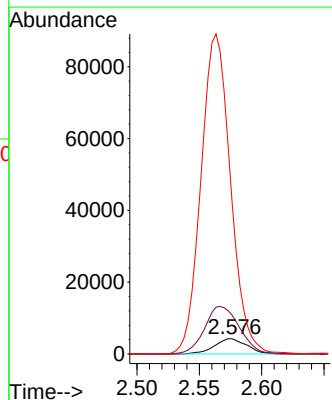
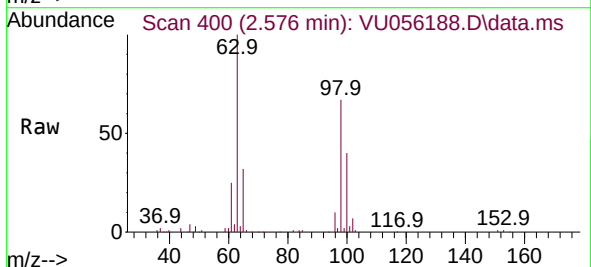
Instrument :
MSVOA_U
ClientSampleId :

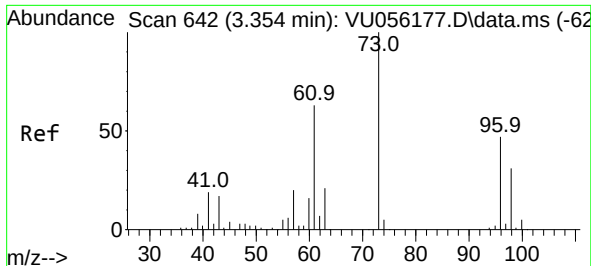
Tgt Ion: 64 Resp: 2711
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#12
1,1-Dichloroethene
Concen: 0.323 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

Tgt Ion: 96 Resp: 7578
Ion Ratio Lower Upper
96 100
61 256.2 111.7 207.5#
63 1005.8 74.5 138.3#





#17

Methyl tert-butyl Ether

Concen: 0.378 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056188.D

Acq: 10 Nov 2023 22:36

Instrument :

MSVOA_U

ClientSampleId :

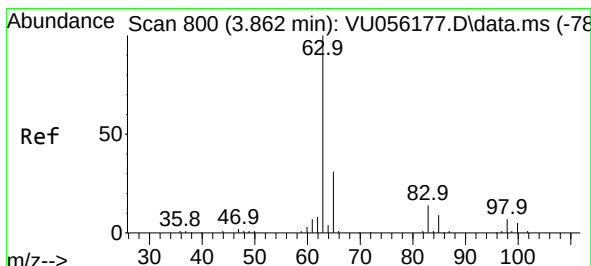
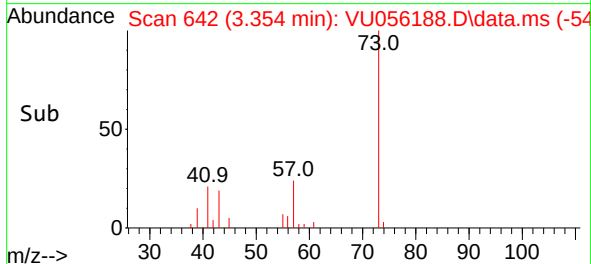
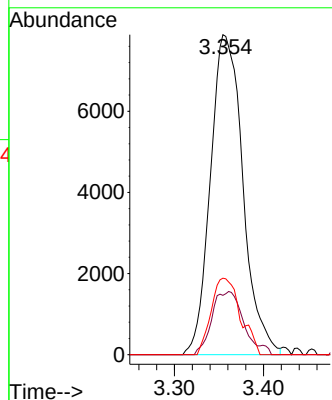
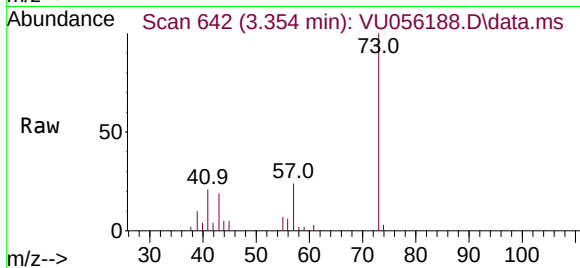
Tgt Ion: 73 Resp: 19963

Ion Ratio Lower Upper

73 100

43 19.3 13.6 20.4

57 21.5 17.3 25.9



#19

1,1-Dichloroethane

Concen: 0.216 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.006 min

Lab File: VU056188.D

Acq: 10 Nov 2023 22:36

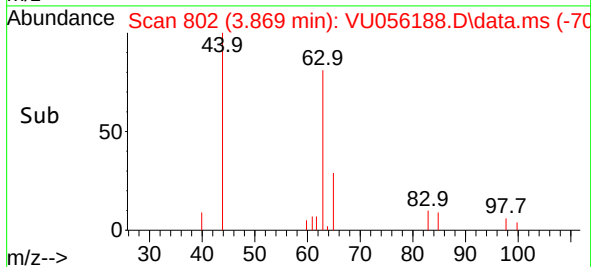
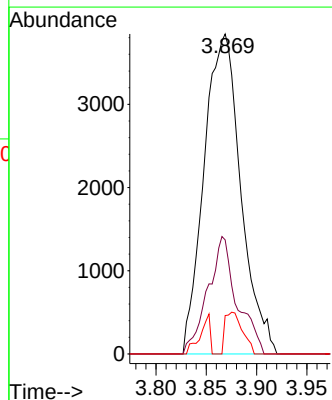
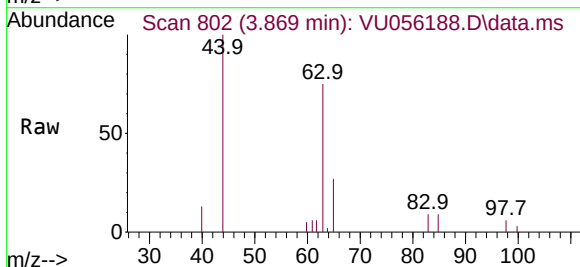
Tgt Ion: 63 Resp: 9780

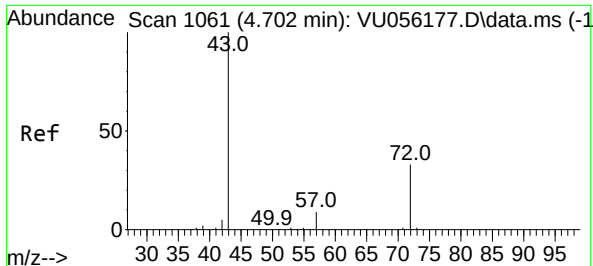
Ion Ratio Lower Upper

63 100

65 34.7 20.6 38.2

83 11.7 9.6 17.8





#21

2-Butanone

Concen: 31.030 ug/L

RT: 4.798 min Scan# 1091

Delta R.T. 0.096 min

Lab File: VU056188.D

Acq: 10 Nov 2023 22:36

Instrument :

MSVOA_U

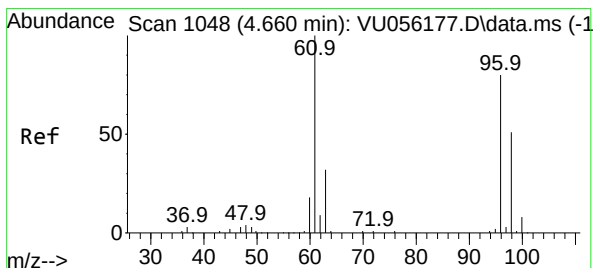
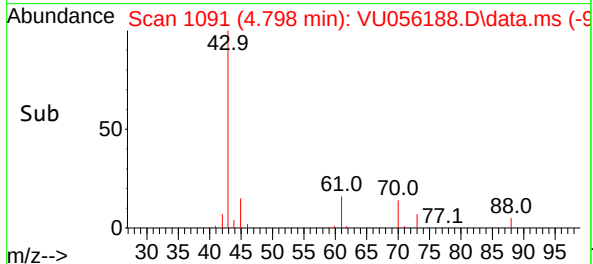
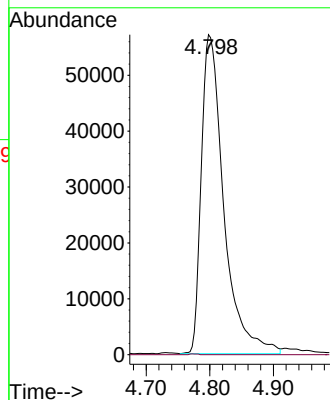
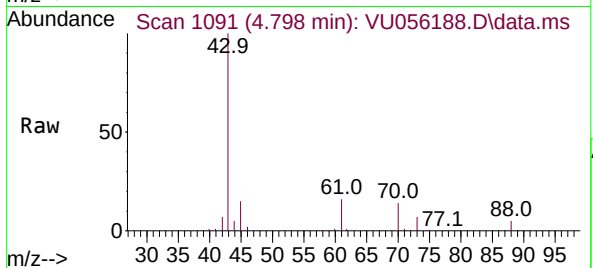
ClientSampleId :

Tgt Ion: 43 Resp: 140182

Ion Ratio Lower Upper

43 100

72 0.1 15.7 47.0#



#22

cis-1,2-Dichloroethene

Concen: 0.449 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056188.D

Acq: 10 Nov 2023 22:36

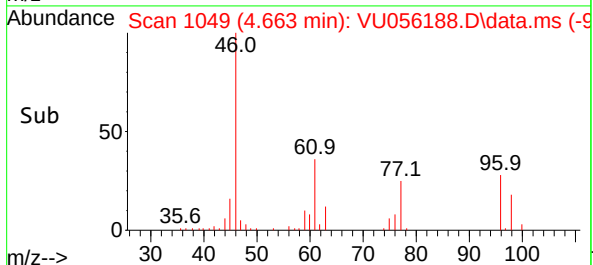
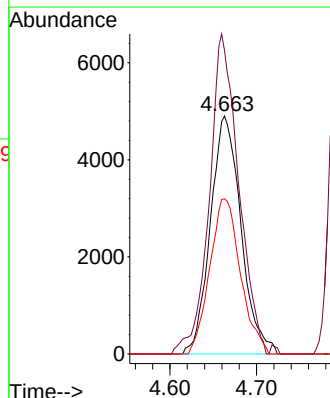
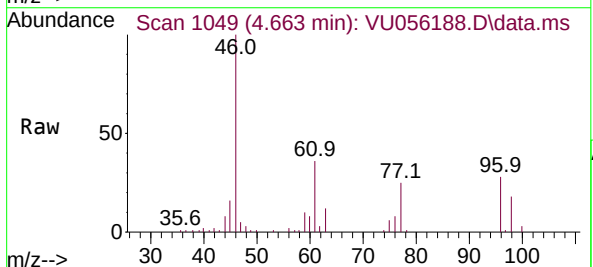
Tgt Ion: 96 Resp: 12031

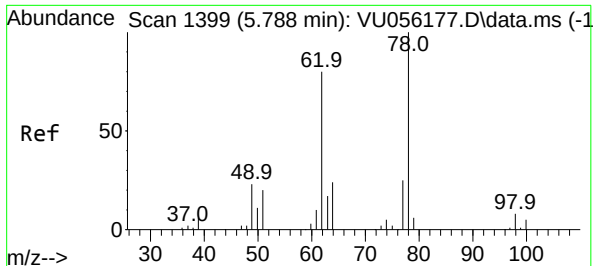
Ion Ratio Lower Upper

96 100

61 127.6 87.8 163.2

98 65.3 43.5 80.7

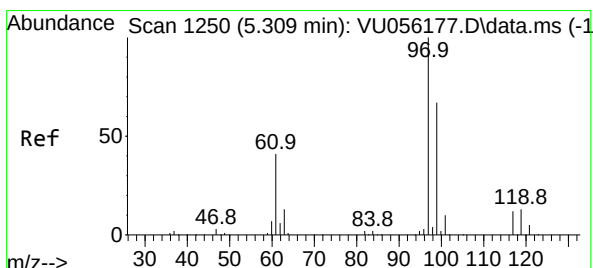
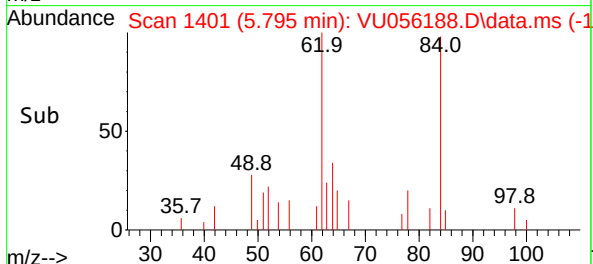
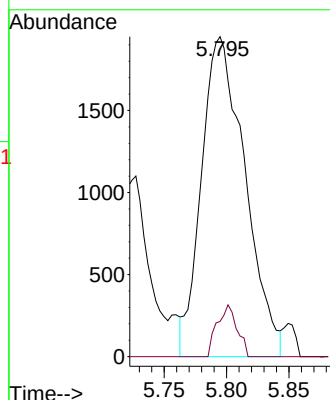
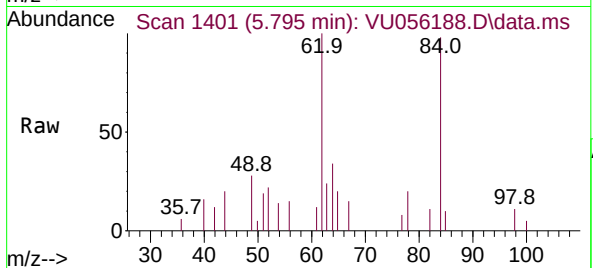




#27
1,2-Dichloroethane
Concen: 0.173 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

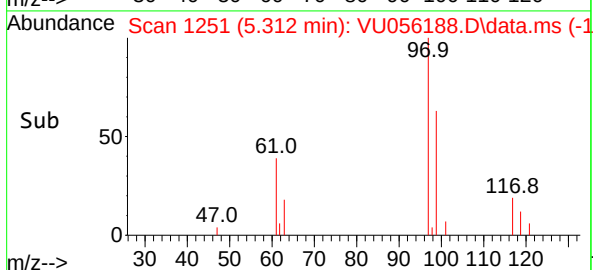
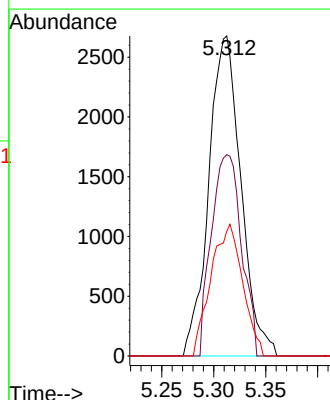
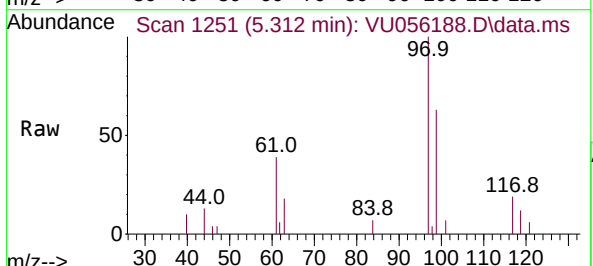
Instrument :
MSVOA_U
ClientSampleId :

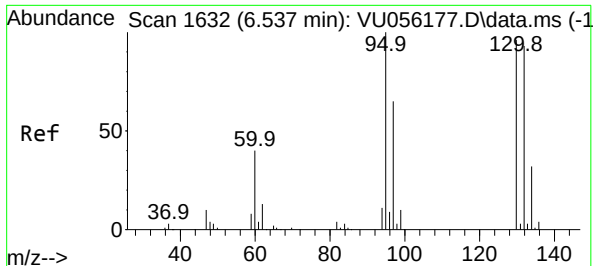
Tgt Ion: 62 Resp: 4734
Ion Ratio Lower Upper
62 100
98 11.0 7.1 10.7#



#29
1,1,1-Trichloroethane
Concen: 0.136 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

Tgt Ion: 97 Resp: 5758
Ion Ratio Lower Upper
97 100
99 58.9 52.0 78.0
61 40.6 33.4 50.0

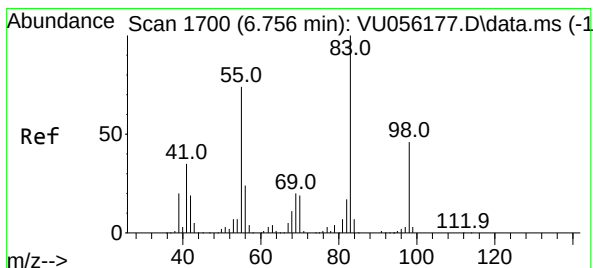
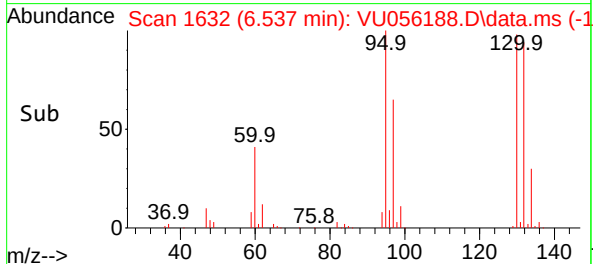
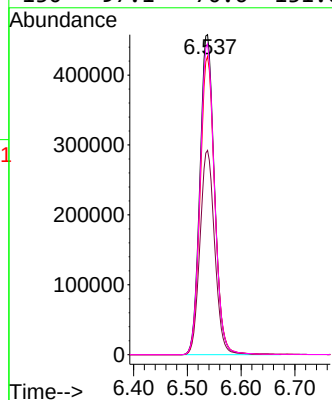
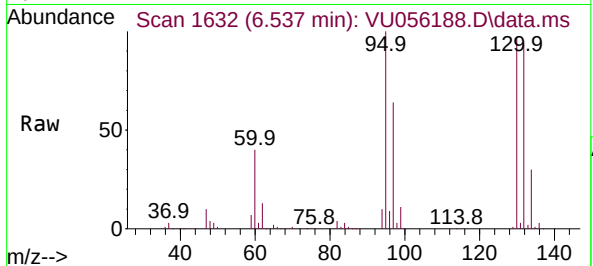




#34
Trichloroethene
Concen: 29.784 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

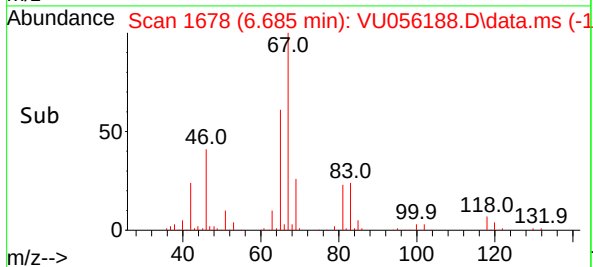
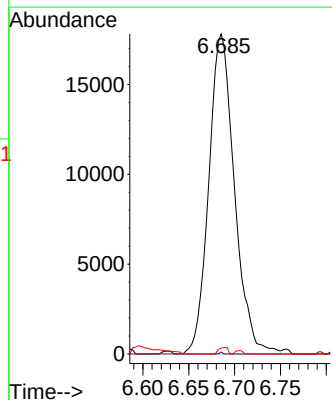
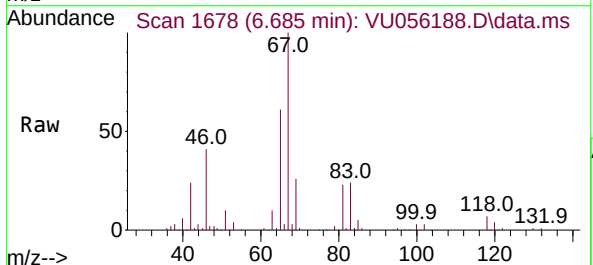
Instrument :
MSVOA_U
ClientSampleId :

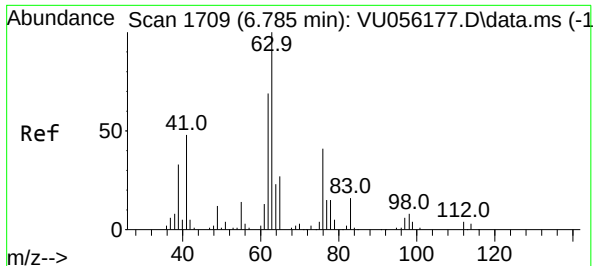
Tgt Ion: 95 Resp: 862822
Ion Ratio Lower Upper
95 100
97 63.9 46.8 87.0
132 93.2 66.5 123.5
130 97.1 70.6 131.0



#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

Tgt Ion: 83 Resp: 34734
Ion Ratio Lower Upper
83 100
55 0.1 60.6 91.0#
98 2.4 36.2 54.4#

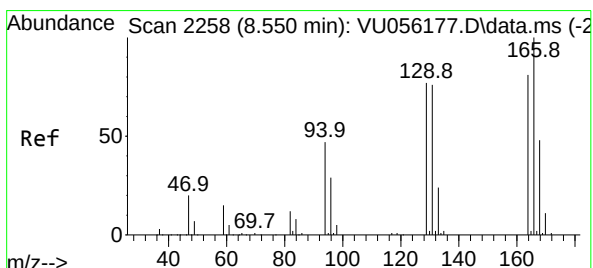
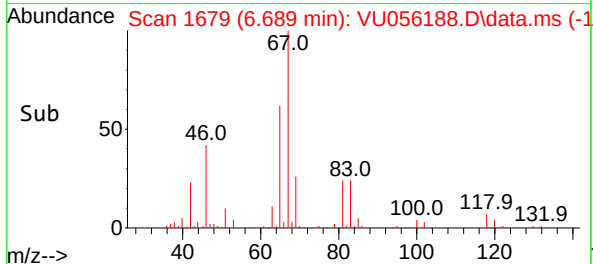
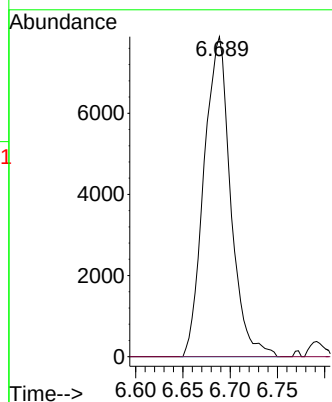
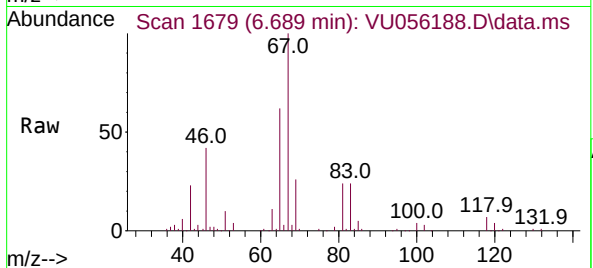




#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

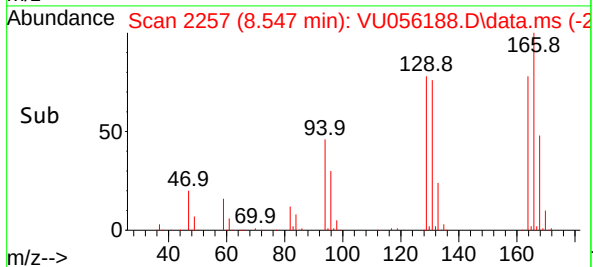
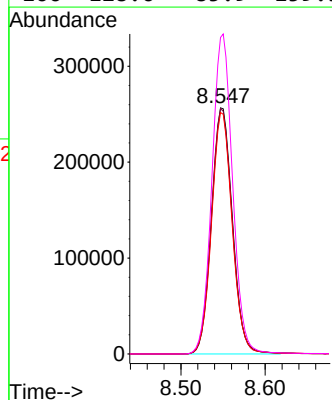
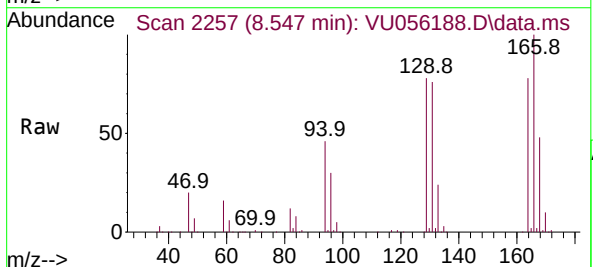
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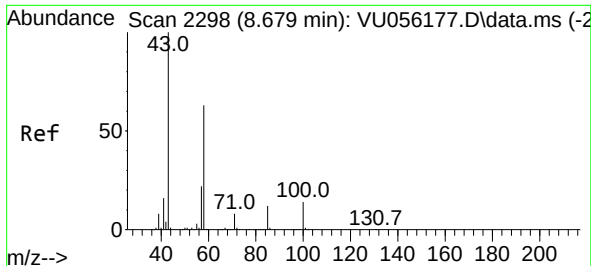
Tgt Ion: 63 Resp: 15463
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#47
Tetrachloroethene
Concen: 20.385 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

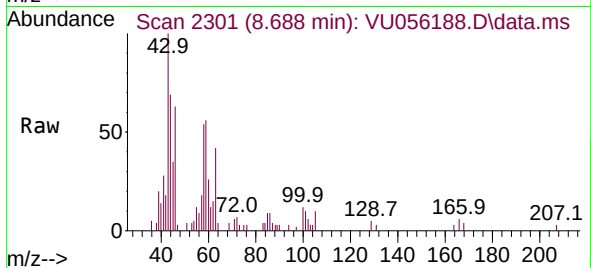
Tgt Ion:164 Resp: 443217
Ion Ratio Lower Upper
164 100
129 99.7 66.6 123.8
131 98.1 67.8 126.0
166 128.6 85.9 159.5



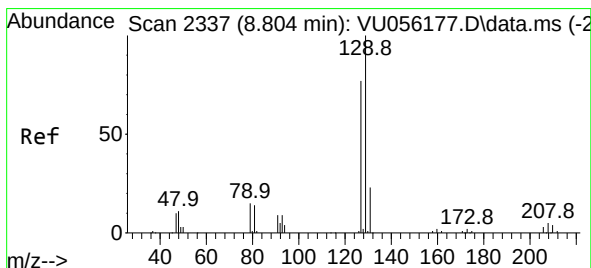
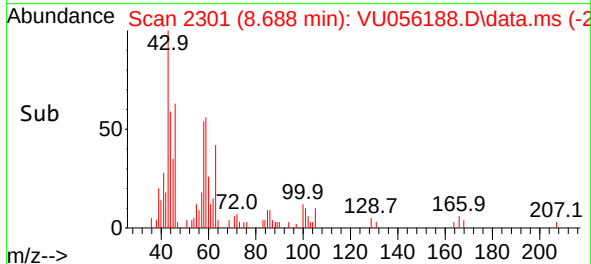
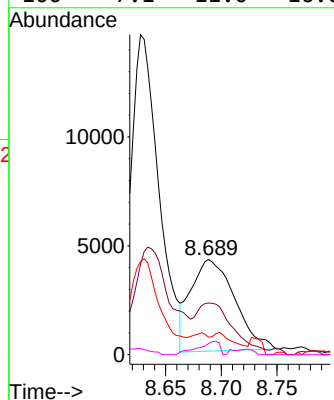


#48
2-Hexanone
Concen: 1.317 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

Instrument :
MSVOA_U
ClientSampleId :

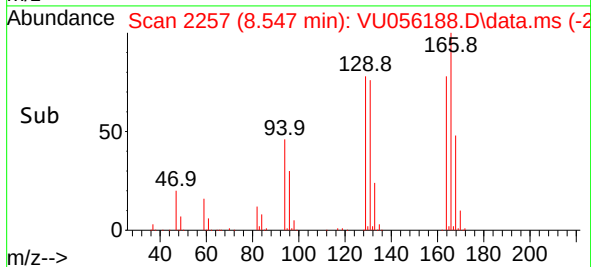
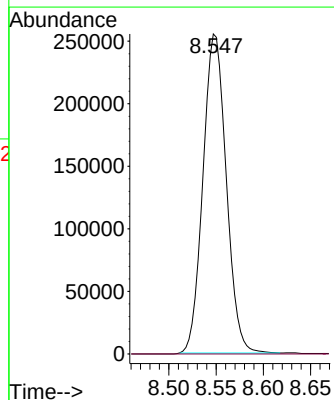
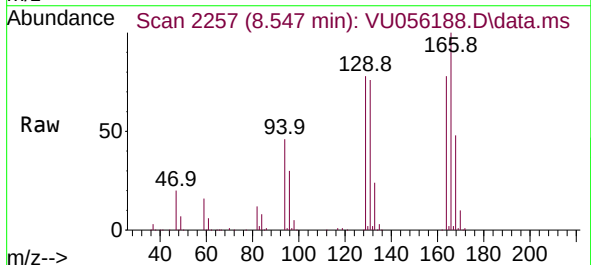


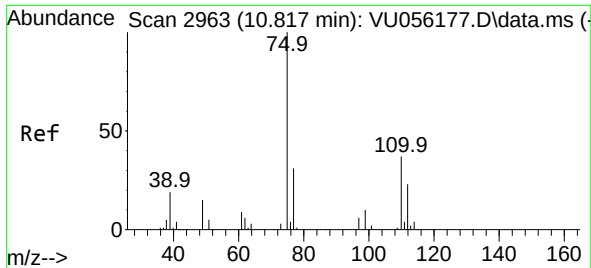
Tgt Ion: 43 Resp: 11570
Ion Ratio Lower Upper
43 100
58 47.9 52.0 78.0#
57 10.4 17.4 26.2#
100 7.1 11.0 16.6#



#49
Dibromochloromethane
Concen: 20.195 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056188.D
Acq: 10 Nov 2023 22:36

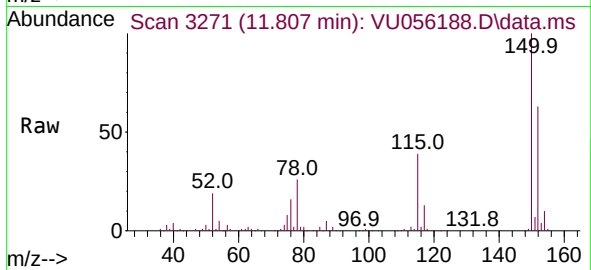
Tgt Ion: 129 Resp: 436898
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.366 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056188.D
 Acq: 10 Nov 2023 22:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19188
 Ion Ratio Lower Upper
 75 100
 110 1.6 29.7 44.5#
 77 30.8 25.5 38.3

