

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056187.D
 Acq On : 10 Nov 2023 22:12
 Operator : MD/SY
 Sample : 05340-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM0

Quant Time: Nov 11 01:43:26 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

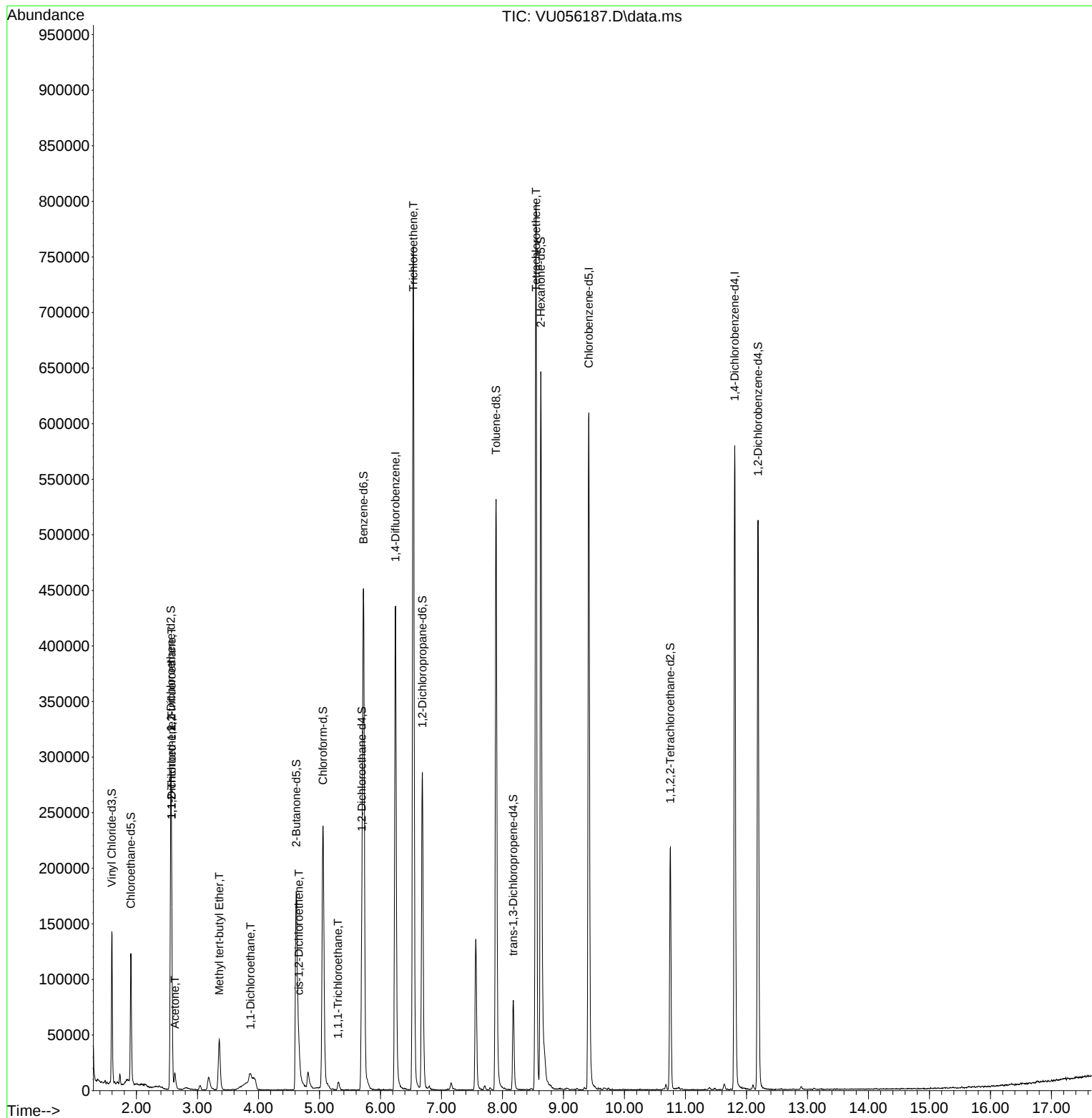
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	369938	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	368341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100777	4.389	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.908	69	88601	5.686	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.800%	
11) 1,1-Dichloroethene-d2	2.563	65	45631	4.511	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	4.618	46	268674	71.322	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.640%#	
24) Chloroform-d	5.055	84	228040	5.217	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.695	65	111143	5.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.400%	
32) Benzene-d6	5.721	84	452169	5.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.685	67	143718	5.519	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.400%	
41) Toluene-d8	7.894	98	379813	4.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	8.177	79	51159	5.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.800%	
46) 2-Hexanone-d5	8.627	63	230412	70.622	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	141.240%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112672	6.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.200%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	142877	5.679	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.600%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	15424	0.602	ug/L	93
12) 1,1-Dichloroethene	2.576	96	19805	0.833	ug/L #	1
13) Acetone	2.628	43	17828	6.417	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	52197	0.974	ug/L	99
19) 1,1-Dichloroethane	3.869	63	7378	0.161	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	9256	0.340	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	5140	0.122	ug/L	96
34) Trichloroethene	6.538	95	273511	9.494	ug/L	95
47) Tetrachloroethene	8.550	164	182747	8.452	ug/L	96

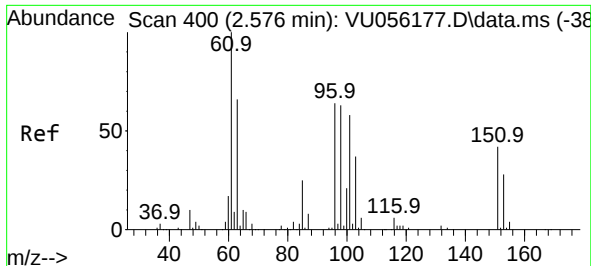
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
Data File : VU056187.D
Acq On : 10 Nov 2023 22:12
Operator : MD/SY
Sample : 05340-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCDM0

Quant Time: Nov 11 01:43:26 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

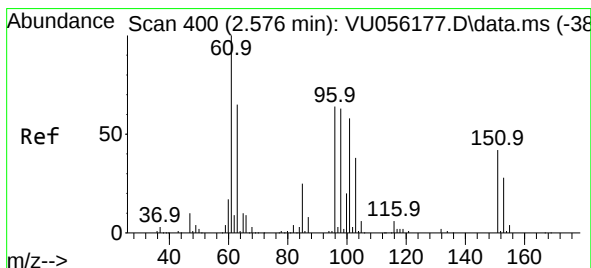
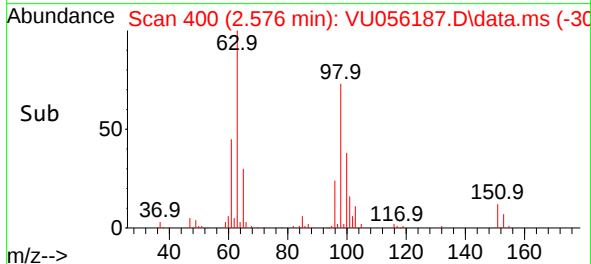
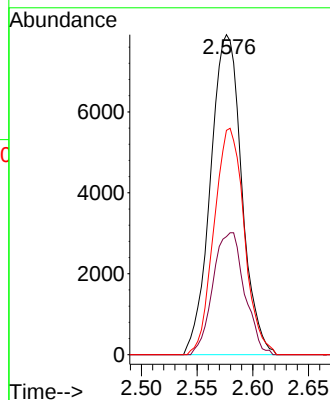
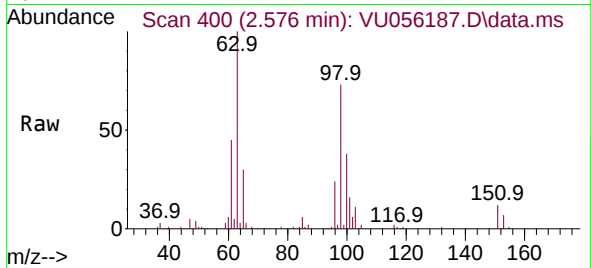




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.602 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056187.D
 Acq: 10 Nov 2023 22:12

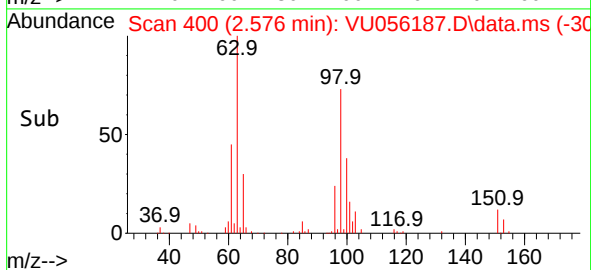
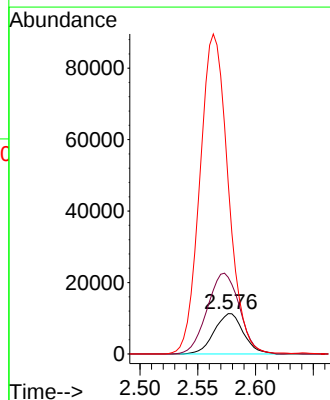
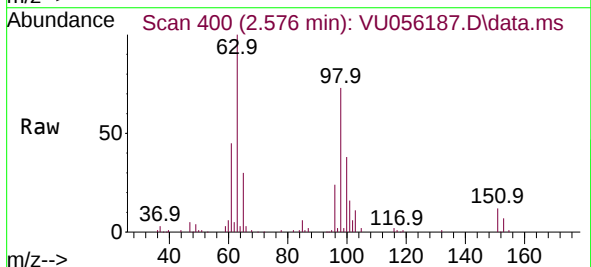
Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM0

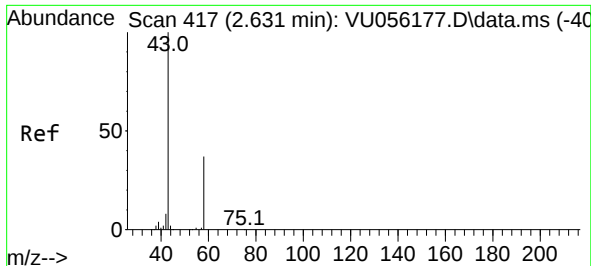
Tgt Ion:101 Resp: 15424
 Ion Ratio Lower Upper
 101 100
 85 38.6 34.2 51.4
 151 68.6 59.3 88.9



#12
 1,1-Dichloroethene
 Concen: 0.833 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056187.D
 Acq: 10 Nov 2023 22:12

Tgt Ion: 96 Resp: 19805
 Ion Ratio Lower Upper
 96 100
 61 190.0 111.7 207.5
 63 425.1 74.5 138.3

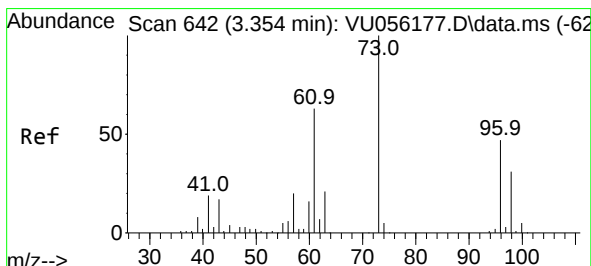
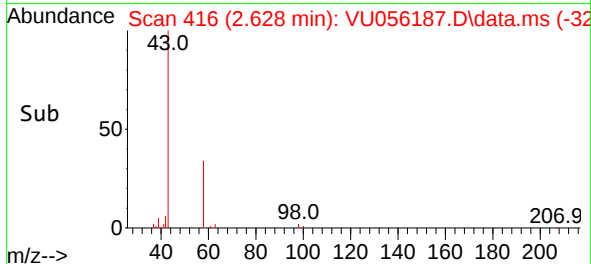
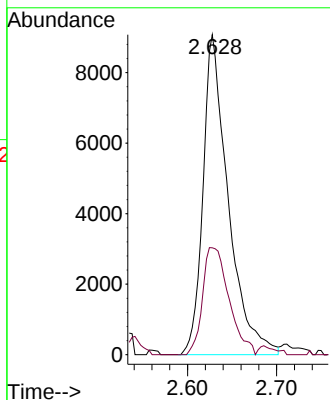
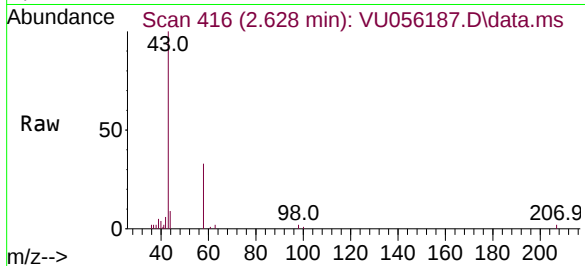




#13
Acetone
Concen: 6.417 ug/L
RT: 2.628 min Scan# 417
Delta R.T. -0.003 min
Lab File: VU056187.D
Acq: 10 Nov 2023 22:12

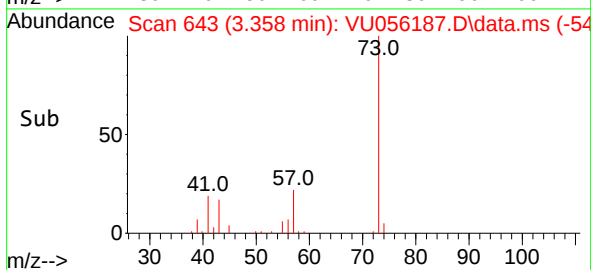
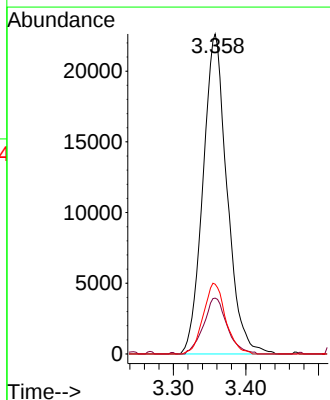
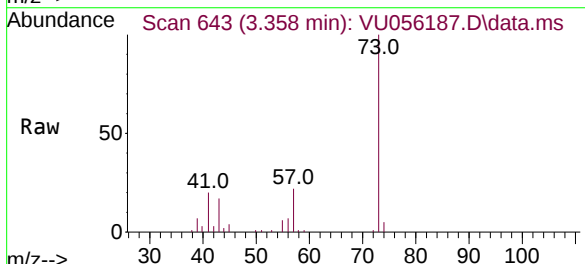
Instrument :
MSVOA_U
ClientSampleId :
GCDM0

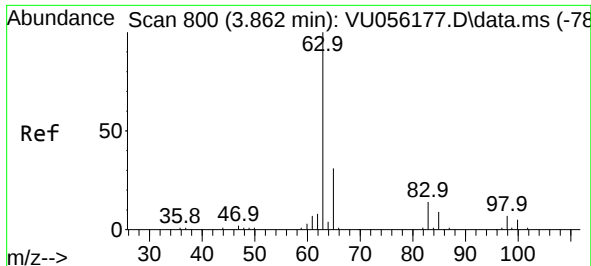
Tgt Ion: 43 Resp: 17828
Ion Ratio Lower Upper
43 100
58 35.0 0.0 74.4



#17
Methyl tert-butyl Ether
Concen: 0.974 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU056187.D
Acq: 10 Nov 2023 22:12

Tgt Ion: 73 Resp: 52197
Ion Ratio Lower Upper
73 100
43 17.1 13.6 20.4
57 20.4 17.3 25.9





#19

1,1-Dichloroethane

Concen: 0.161 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.007 min

Lab File: VU056187.D

Acq: 10 Nov 2023 22:12

Instrument :

MSVOA_U

ClientSampleId :

GCDM0

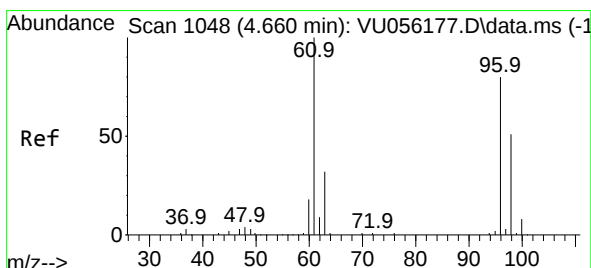
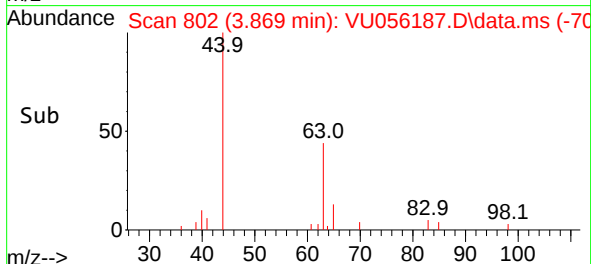
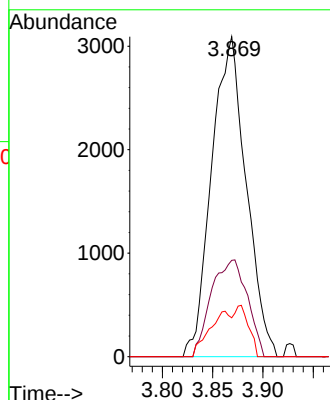
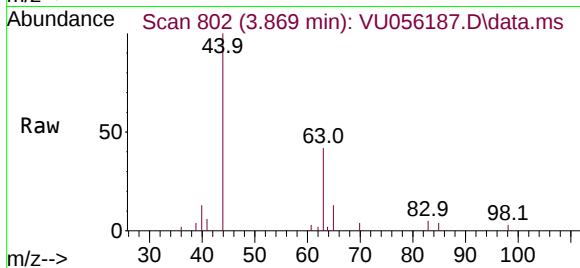
Tgt Ion: 63 Resp: 7378

Ion Ratio Lower Upper

63 100

65 28.9 20.6 38.2

83 11.7 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.340 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056187.D

Acq: 10 Nov 2023 22:12

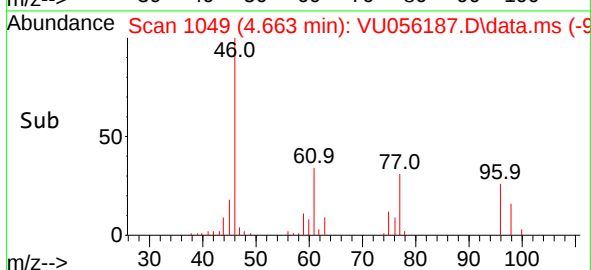
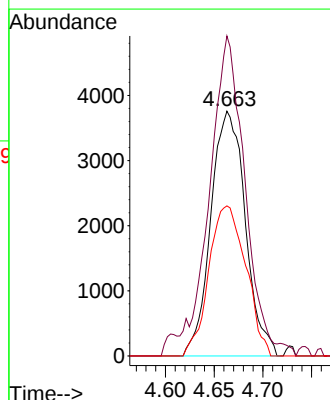
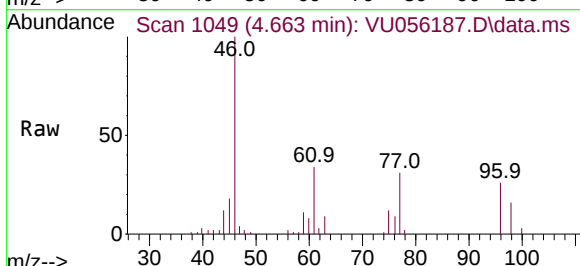
Tgt Ion: 96 Resp: 9256

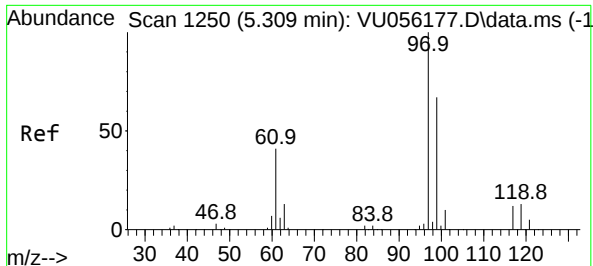
Ion Ratio Lower Upper

96 100

61 130.7 87.8 163.2

98 61.3 43.5 80.7





#29

1,1,1-Trichloroethane

Concen: 0.122 ug/L

RT: 5.303 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU056187.D

Acq: 10 Nov 2023 22:12

Instrument :

MSVOA_U

ClientSampleId :

GCDM0

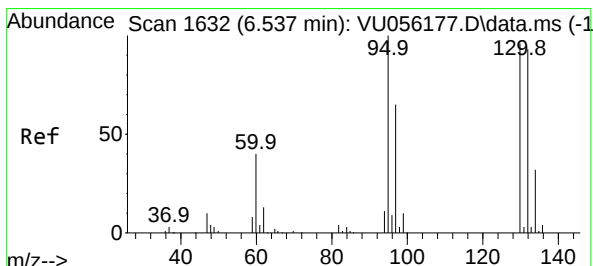
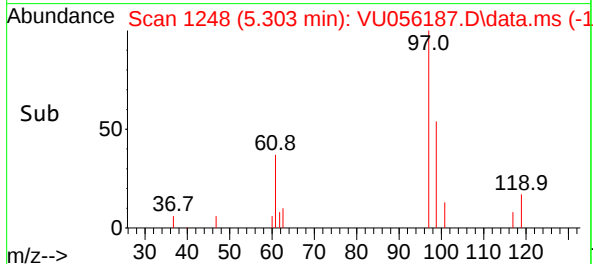
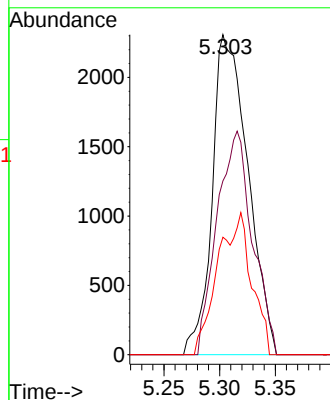
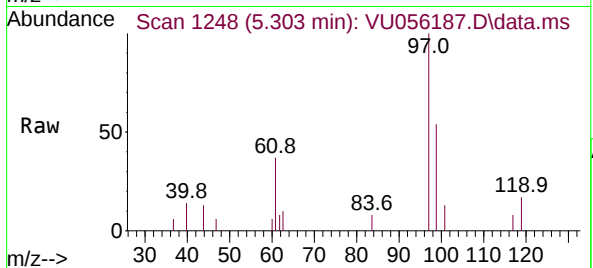
Tgt Ion: 97 Resp: 5140

Ion Ratio Lower Upper

97 100

99 69.4 52.0 78.0

61 42.1 33.4 50.0



#34

Trichloroethene

Concen: 9.494 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU056187.D

Acq: 10 Nov 2023 22:12

Tgt Ion: 95 Resp: 273511

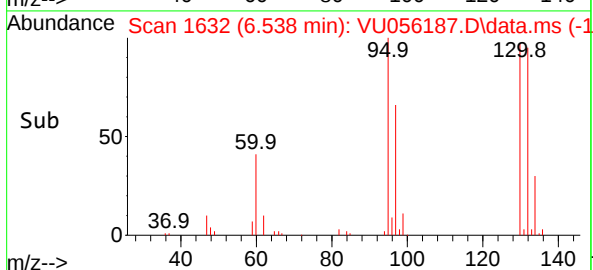
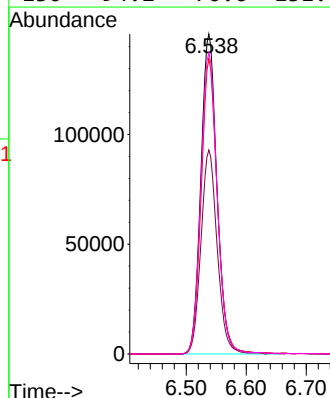
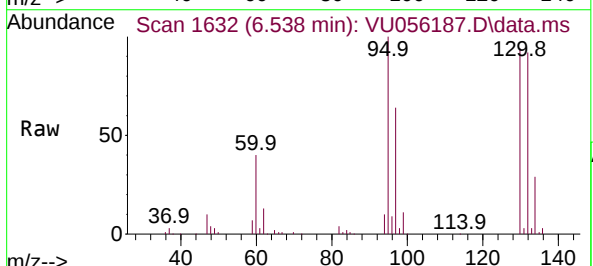
Ion Ratio Lower Upper

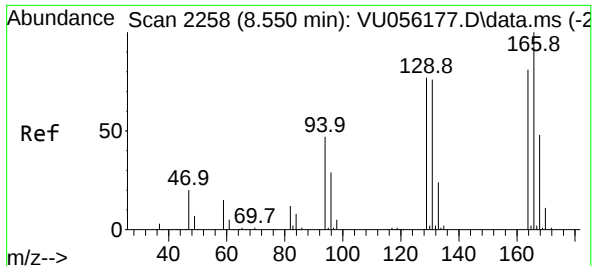
95 100

97 63.8 46.8 87.0

132 92.3 66.5 123.5

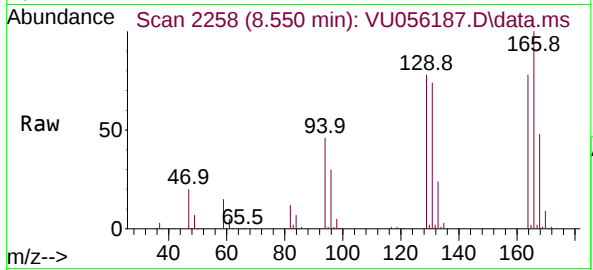
130 94.2 70.6 131.0





#47
 Tetrachloroethene
 Concen: 8.452 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056187.D
 Acq: 10 Nov 2023 22:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM0



Tgt Ion:164 Resp: 182747

Ion	Ratio	Lower	Upper
164	100		
129	99.9	66.6	123.8
131	95.2	67.8	126.0
166	128.5	85.9	159.5

