

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056196.D
 Acq On : 11 Nov 2023 01:50
 Operator : MD/SY
 Sample : 05339-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDJ6

Quant Time: Nov 11 03:43:40 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)

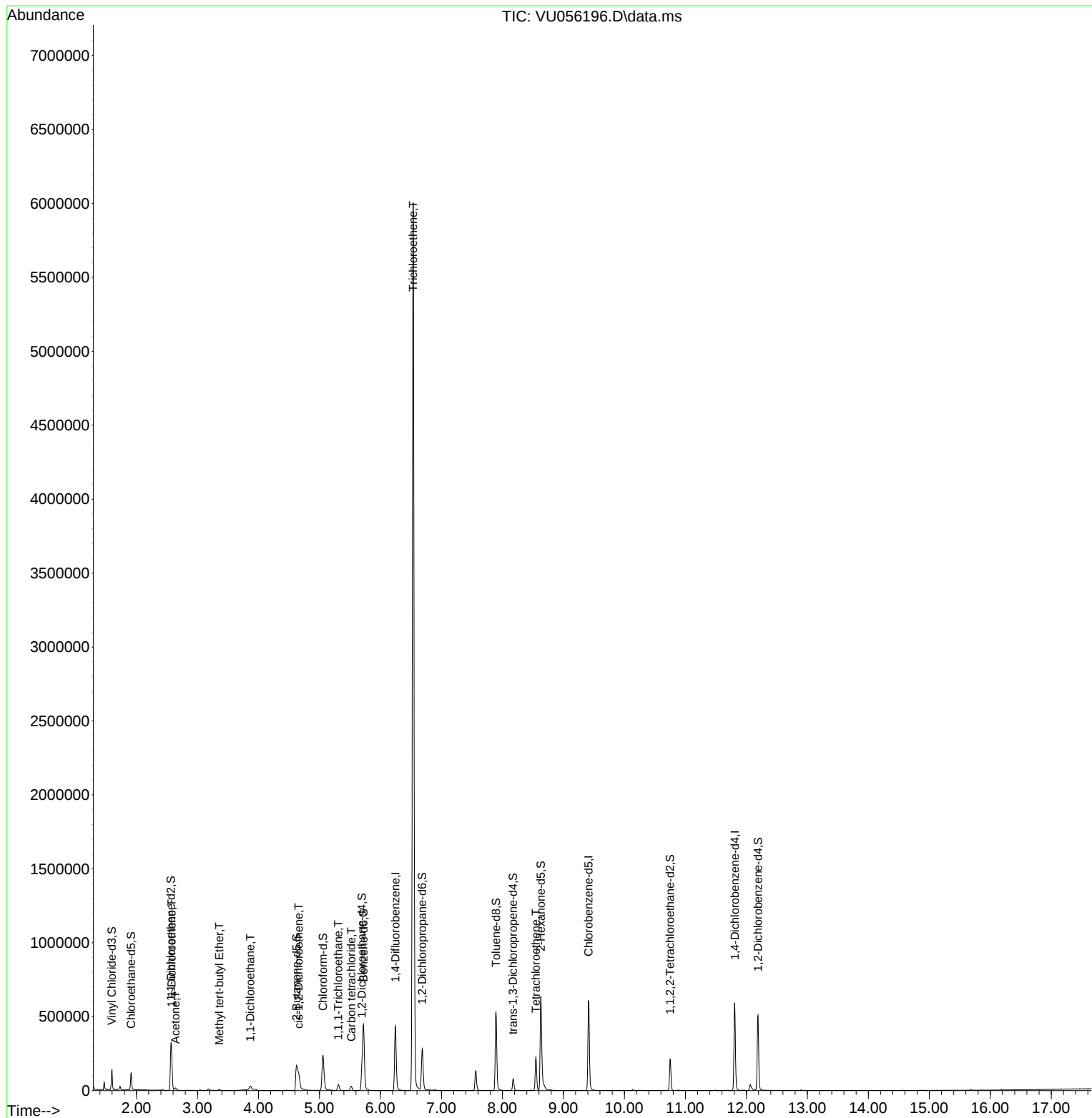
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	370862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	167037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	96216	4.180	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.911	69	81802	5.236	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.563	65	44033	4.342	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.624	46	272287	72.101	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.200%#	
24) Chloroform-d	5.058	84	224708	5.128	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.695	65	109162	5.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.200%	
32) Benzene-d6	5.724	84	439636	4.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.685	67	141513	5.440	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.894	98	379666	4.688	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	8.174	79	50083	5.036	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	8.631	63	228956	70.245	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	140.500%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	109786	5.913	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	118.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	142561	5.534	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	51066	2.142	ug/L #	58
13) Acetone	2.637	43	26370	9.468	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	7501	0.140	ug/L #	92
19) 1,1-Dichloroethane	3.865	63	29673	0.644	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	39139	1.435	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	31198	0.740	ug/L	98
31) Carbon tetrachloride	5.521	117	22245	0.594	ug/L	94
34) Trichloroethene	6.537	95	2128914	73.971	ug/L	97
47) Tetrachloroethene	8.550	164	51139	2.368	ug/L	92

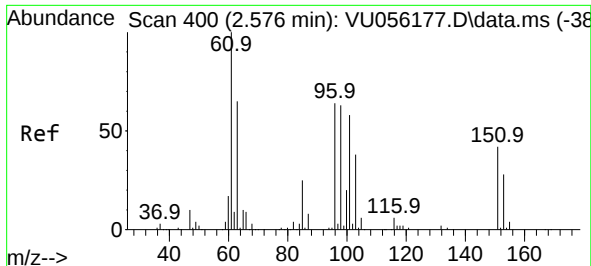
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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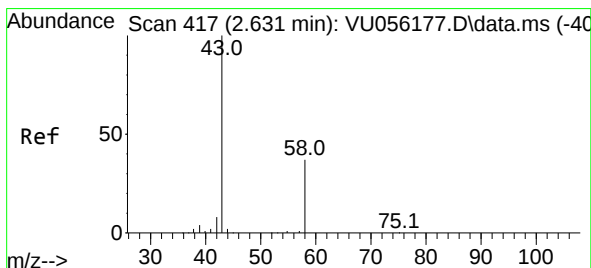
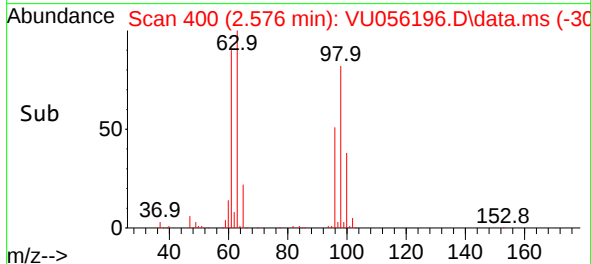
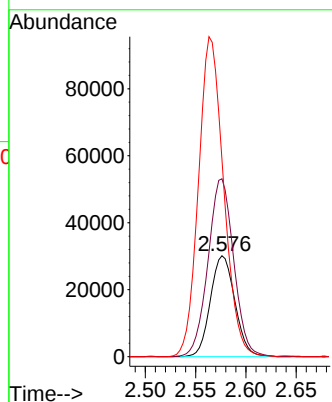
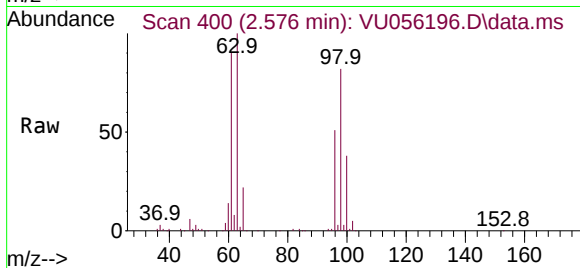




#12
1,1-Dichloroethene
Concen: 2.142 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056196.D
Acq: 11 Nov 2023 01:50

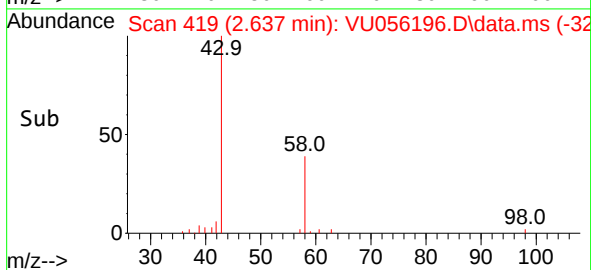
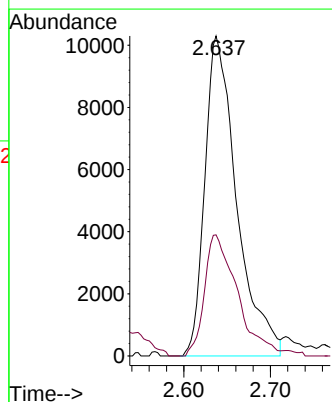
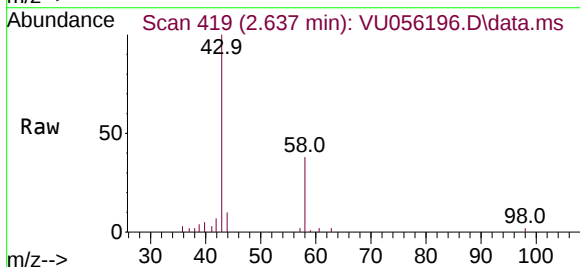
Instrument :
MSVOA_U
ClientSampleId :
GCDJ6

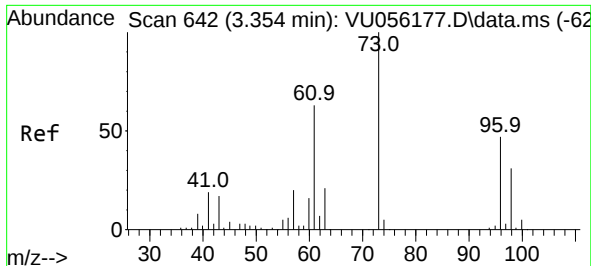
Tgt Ion: 96 Resp: 51066
Ion Ratio Lower Upper
96 100
61 176.2 111.7 207.5
63 195.2 74.5 138.3#



#13
Acetone
Concen: 9.468 ug/L
RT: 2.637 min Scan# 419
Delta R.T. 0.006 min
Lab File: VU056196.D
Acq: 11 Nov 2023 01:50

Tgt Ion: 43 Resp: 26370
Ion Ratio Lower Upper
43 100
58 38.8 0.0 74.4





#17

Methyl tert-butyl Ether

Concen: 0.140 ug/L

RT: 3.357 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU056196.D

Acq: 11 Nov 2023 01:50

Instrument :

MSVOA_U

ClientSampleId :

GCDJ6

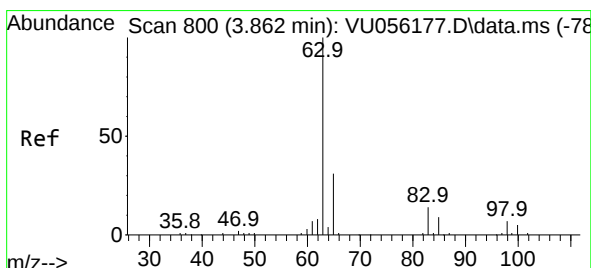
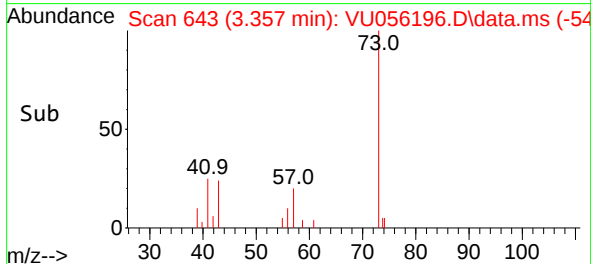
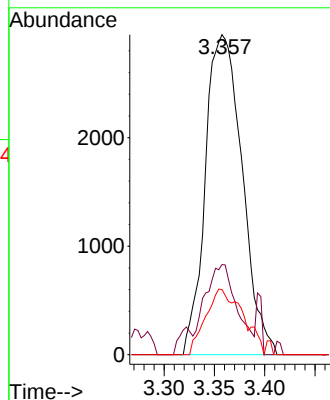
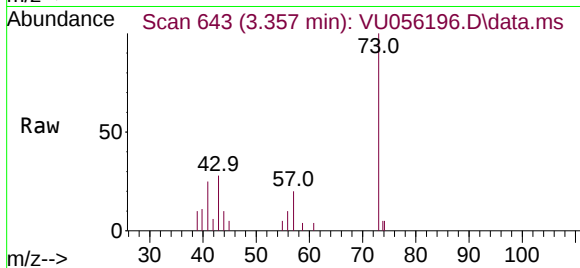
Tgt Ion: 73 Resp: 7501

Ion Ratio Lower Upper

73 100

43 24.2 13.6 20.4#

57 20.8 17.3 25.9



#19

1,1-Dichloroethane

Concen: 0.644 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU056196.D

Acq: 11 Nov 2023 01:50

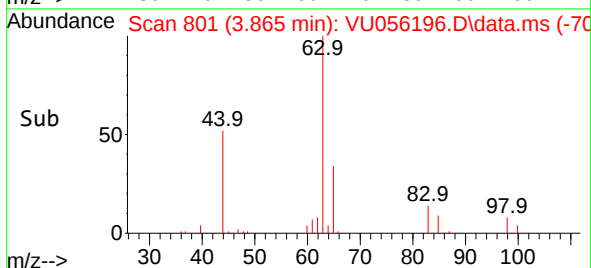
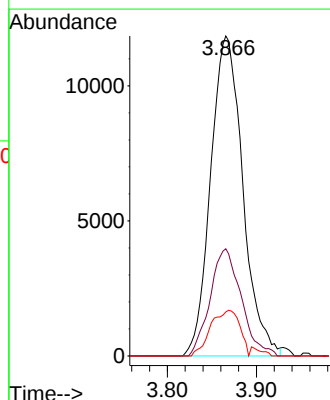
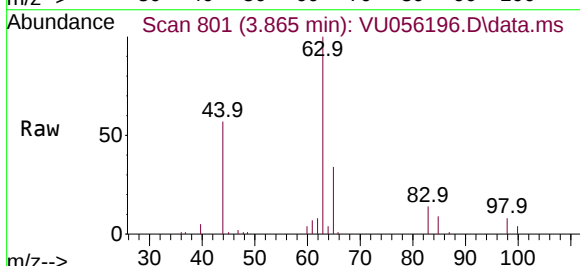
Tgt Ion: 63 Resp: 29673

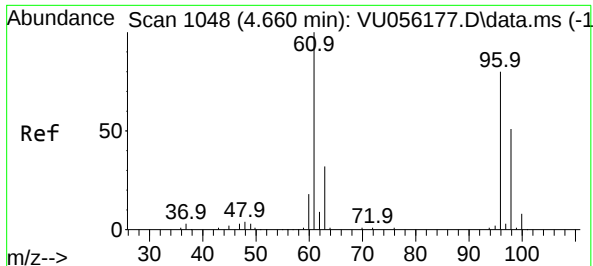
Ion Ratio Lower Upper

63 100

65 34.7 20.6 38.2

83 13.7 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 1.435 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU056196.D

Acq: 11 Nov 2023 01:50

Instrument :

MSVOA_U

ClientSampleId :

GCDJ6

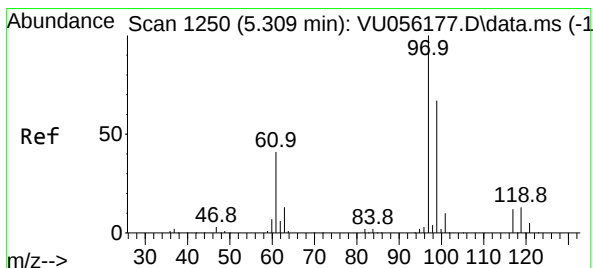
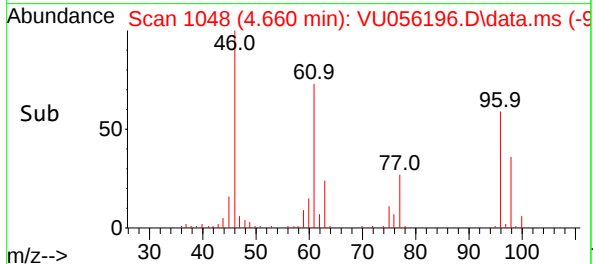
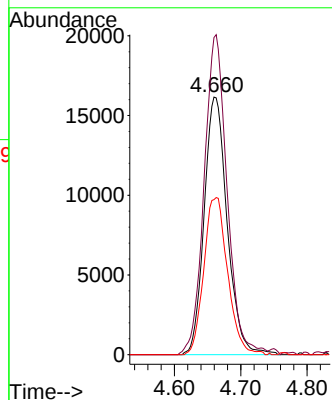
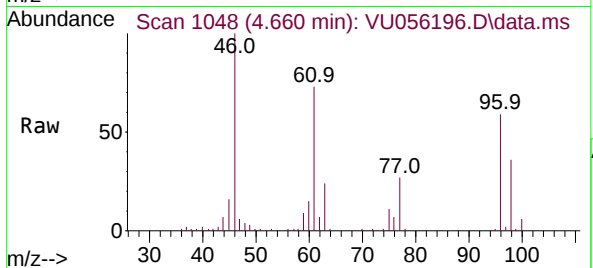
Tgt Ion: 96 Resp: 39139

Ion Ratio Lower Upper

96 100

61 123.1 87.8 163.2

98 60.2 43.5 80.7



#29

1,1,1-Trichloroethane

Concen: 0.740 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056196.D

Acq: 11 Nov 2023 01:50

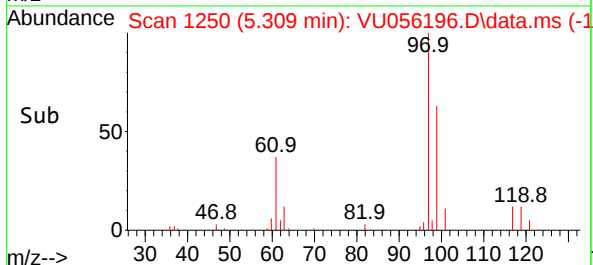
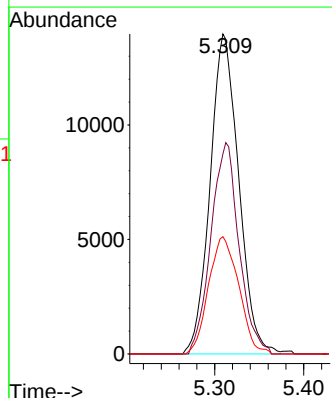
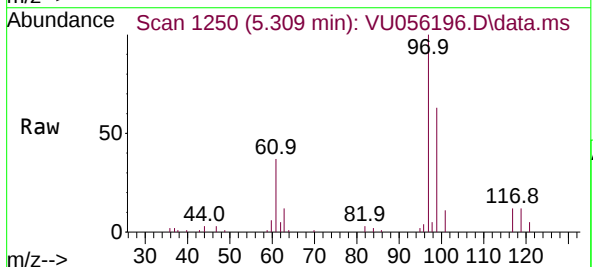
Tgt Ion: 97 Resp: 31198

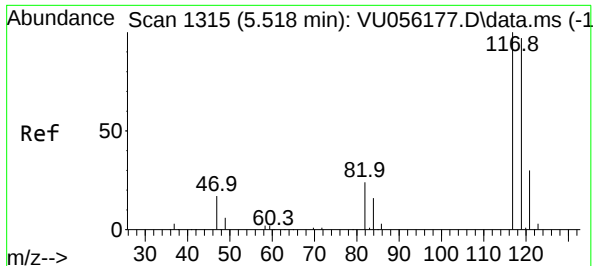
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 38.7 33.4 50.0

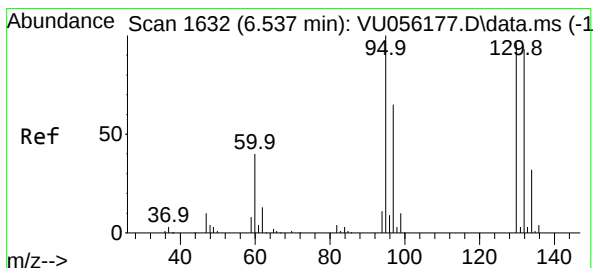
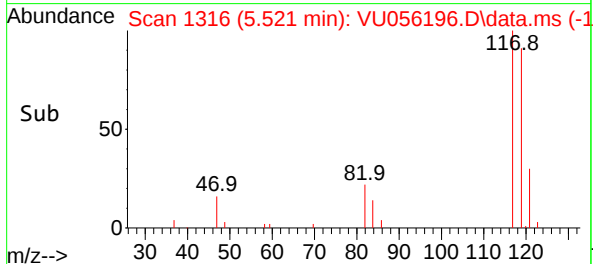
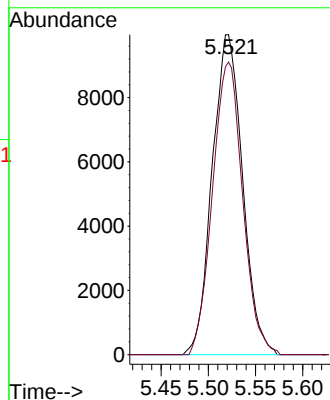
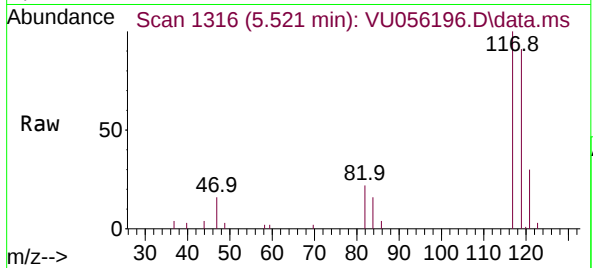




#31
Carbon tetrachloride
Concen: 0.594 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056196.D
Acq: 11 Nov 2023 01:50

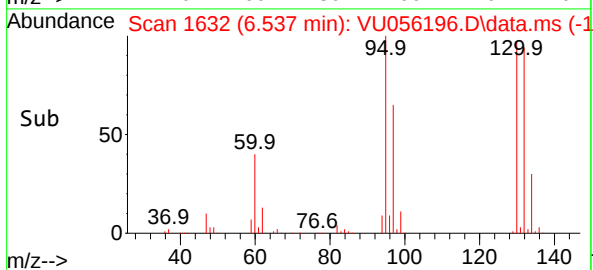
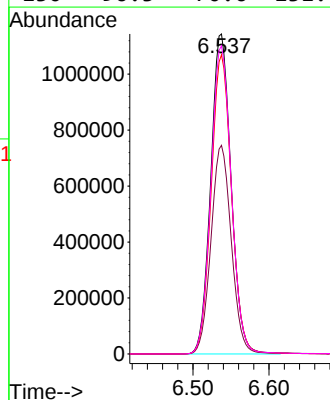
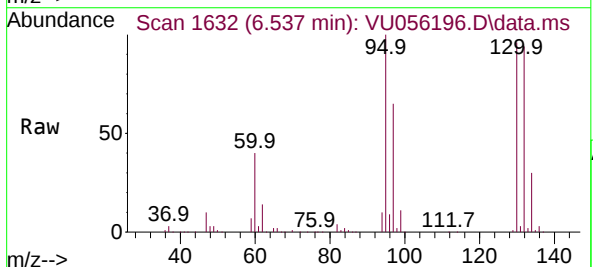
Instrument :
MSVOA_U
ClientSampleId :
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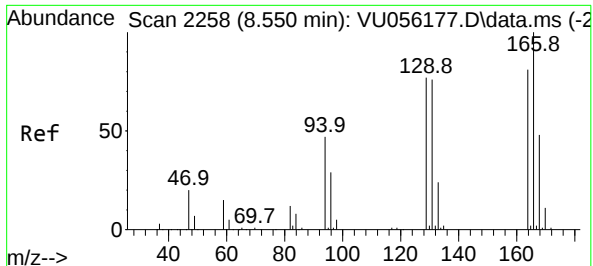
Tgt Ion:117 Resp: 22245
Ion Ratio Lower Upper
117 100
119 90.7 77.2 115.8



#34
Trichloroethene
Concen: 73.971 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056196.D
Acq: 11 Nov 2023 01:50

Tgt Ion: 95 Resp: 2128914
Ion Ratio Lower Upper
95 100
97 65.2 46.8 87.0
132 93.5 66.5 123.5
130 96.3 70.6 131.0





#47
 Tetrachloroethene
 Concen: 2.368 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056196.D
 Acq: 11 Nov 2023 01:50

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 51139

Ion	Ratio	Lower	Upper
164	100		
129	101.9	66.6	123.8
131	100.7	67.8	126.0
166	136.2	85.9	159.5

