

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056195.D
 Acq On : 11 Nov 2023 01:26
 Operator : MD/SY
 Sample : 05339-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDJ5

Quant Time: Nov 11 03:43:23 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)

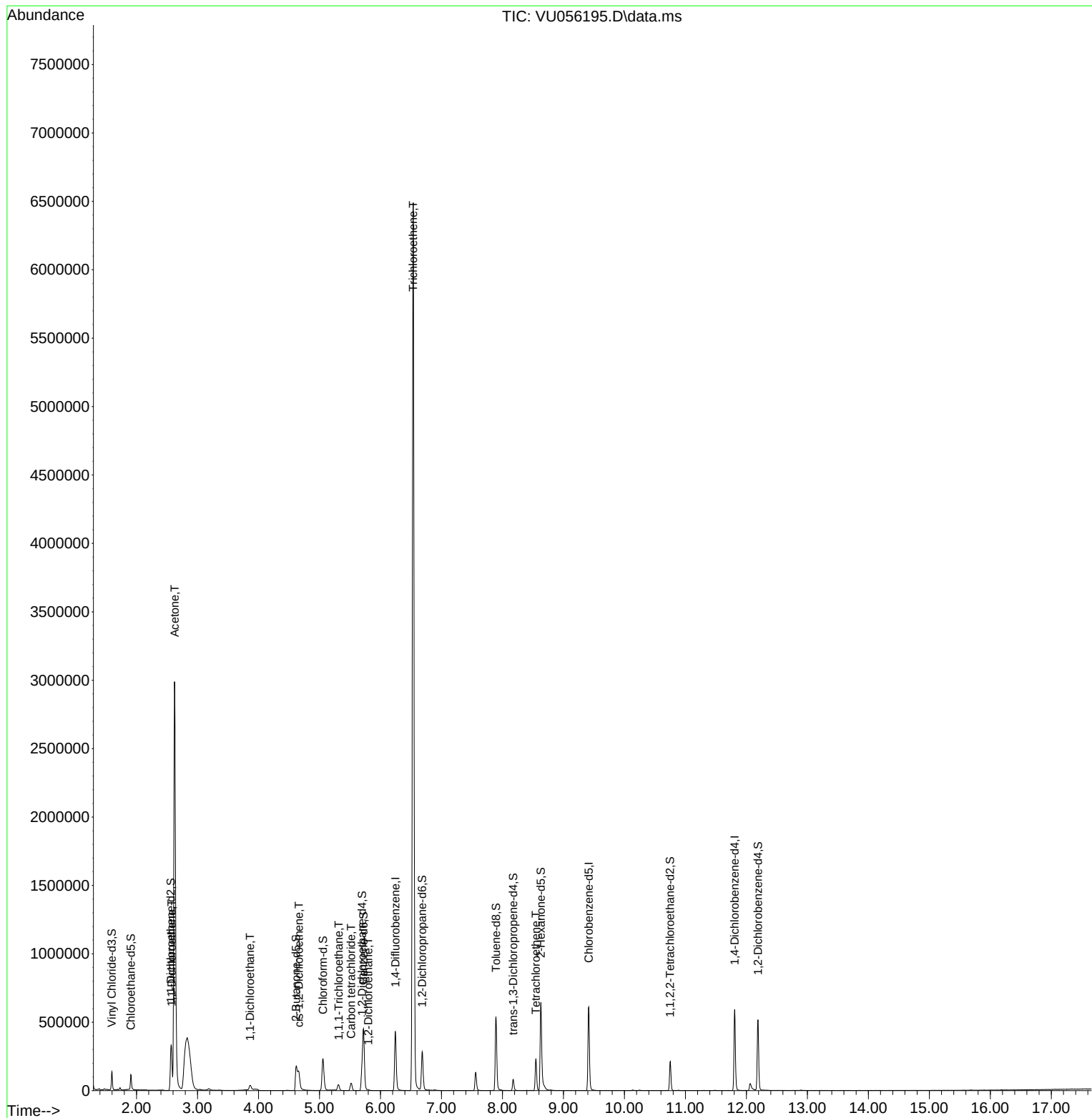
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	367815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	365462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96247	4.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.907	69	78492	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.563	65	45269	4.501	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.000%	
20) 2-Butanone-d5	4.618	46	267285	71.363	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.720%#	
24) Chloroform-d	5.058	84	226476	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.698	65	109496	5.722	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.400%	
32) Benzene-d6	5.721	84	445196	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
36) 1,2-Dichloropropane-d6	6.685	67	141986	5.495	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.000%	
41) Toluene-d8	7.894	98	380570	4.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.177	79	49892	5.052	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.000%	
46) 2-Hexanone-d5	8.631	63	227595	70.308	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	140.620%#	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	110067	5.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	146323	5.780	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	61115	2.585	ug/L #	74
13) Acetone	2.624	43	3674306	1330.204	ug/L	99
19) 1,1-Dichloroethane	3.862	63	36720	0.804	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	60799	2.248	ug/L	98
27) 1,2-Dichloroethane	5.801	62	4339	0.157	ug/L #	84
29) 1,1,1-Trichloroethane	5.316	97	33184	0.793	ug/L	99
31) Carbon tetrachloride	5.518	117	41150	1.107	ug/L	95
34) Trichloroethene	6.537	95	2336888	81.756	ug/L	97
47) Tetrachloroethene	8.550	164	50819	2.369	ug/L	96

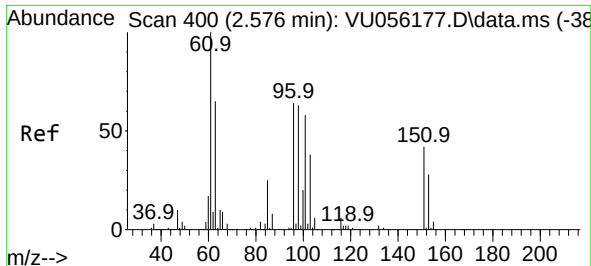
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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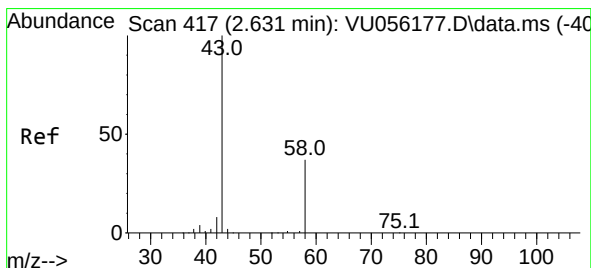
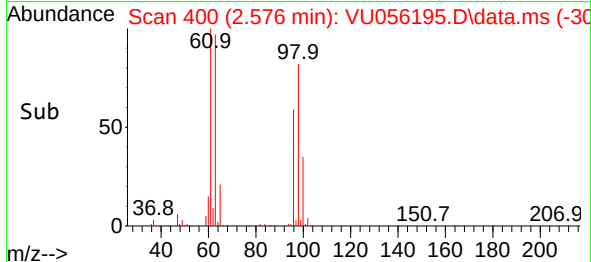
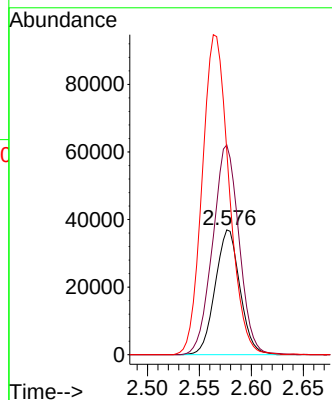
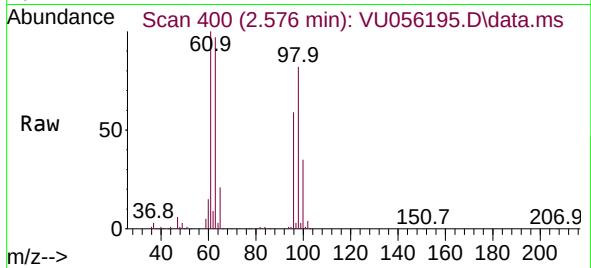




#12
1,1-Dichloroethene
Concen: 2.585 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

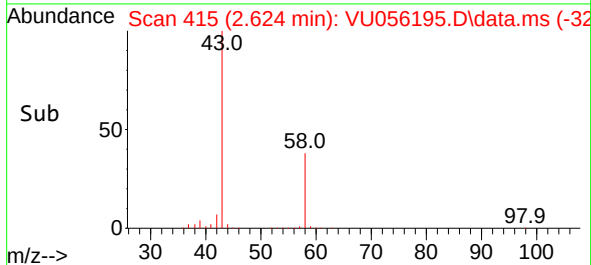
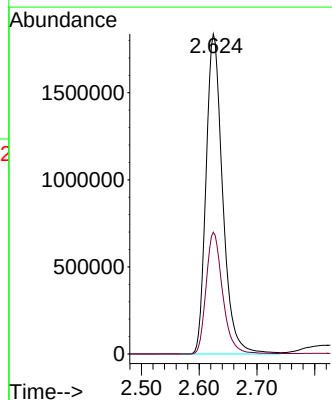
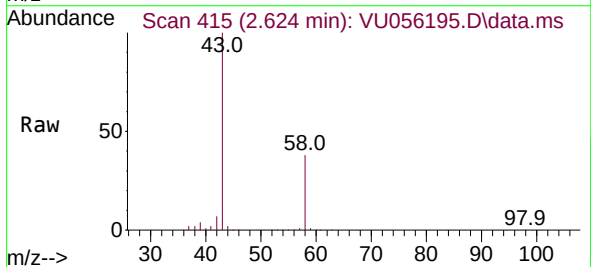
Instrument :
MSVOA_U
ClientSampleId :
GCDJ5

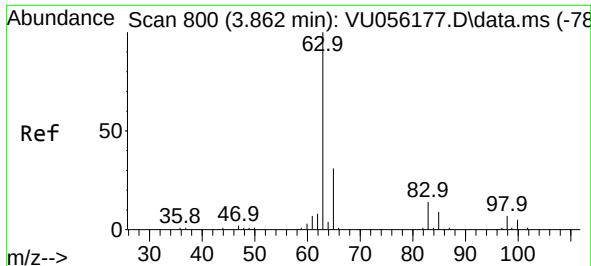
Tgt Ion: 96 Resp: 61115
Ion Ratio Lower Upper
96 100
61 168.1 111.7 207.5
63 163.6 74.5 138.3#



#13
Acetone
Concen: 1330.204 ug/L
RT: 2.624 min Scan# 415
Delta R.T. -0.006 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

Tgt Ion: 43 Resp: 3674306
Ion Ratio Lower Upper
43 100
58 38.0 0.0 74.4

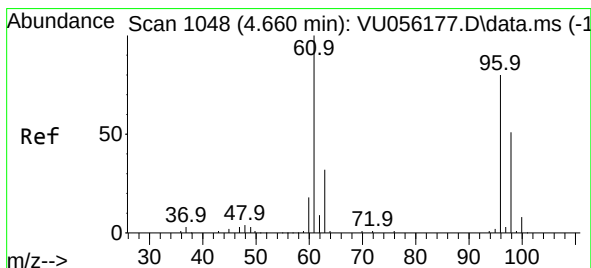
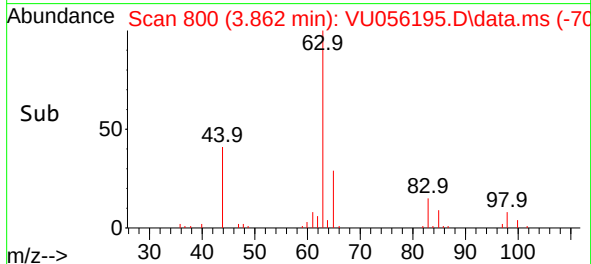
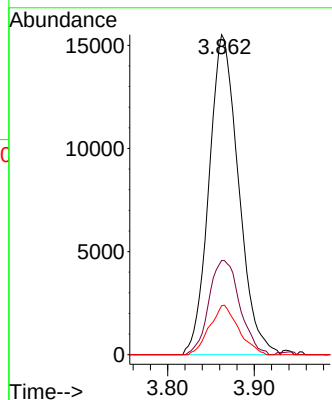
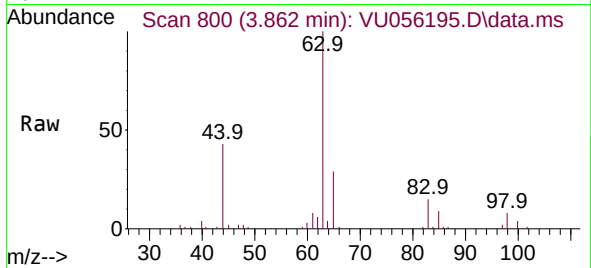




#19
1,1-Dichloroethane
Concen: 0.804 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

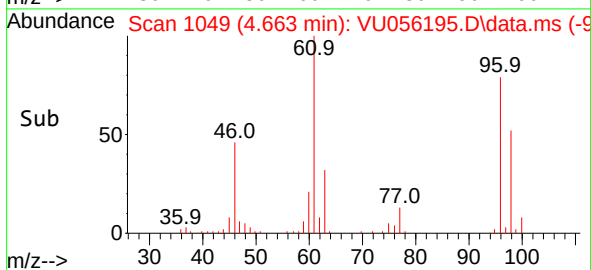
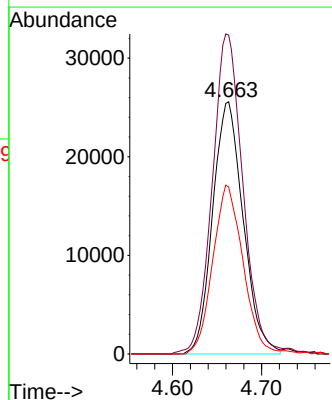
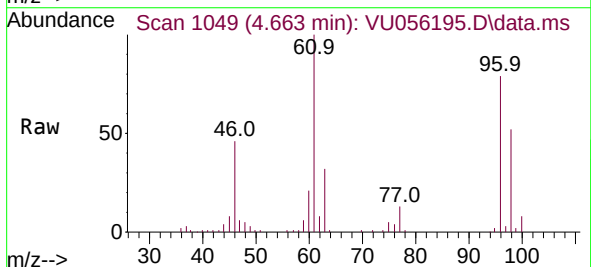
Instrument :
MSVOA_U
ClientSampleId :
GCDJ5

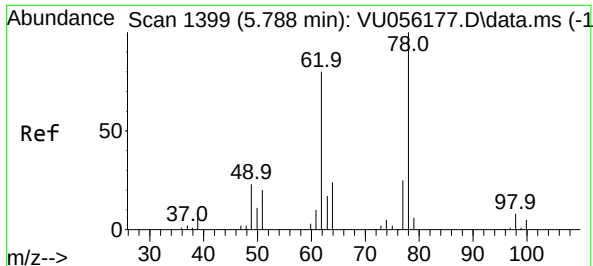
Tgt Ion: 63 Resp: 36720
Ion Ratio Lower Upper
63 100
65 28.2 20.6 38.2
83 14.7 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 2.248 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

Tgt Ion: 96 Resp: 60799
Ion Ratio Lower Upper
96 100
61 126.5 87.8 163.2
98 66.2 43.5 80.7

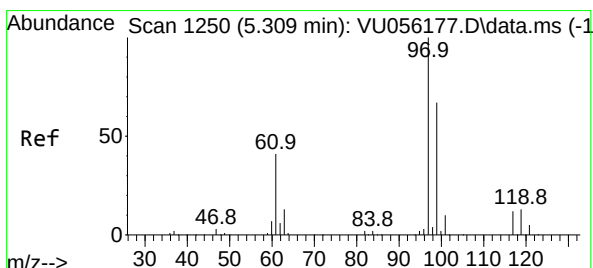
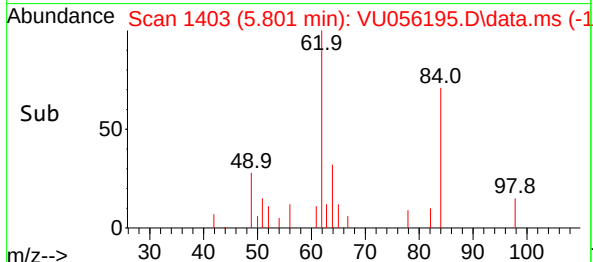
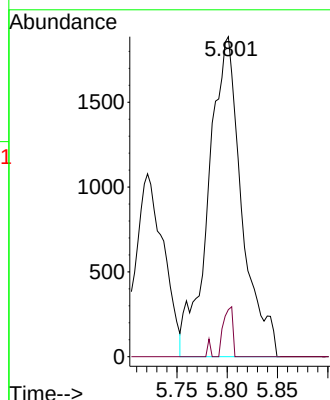
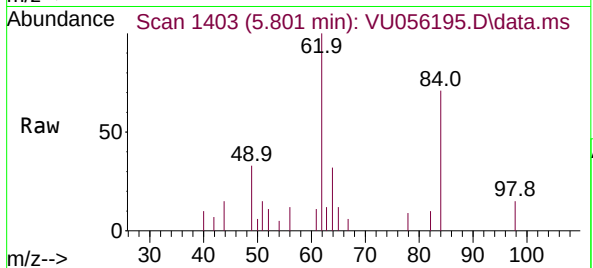




#27
1,2-Dichloroethane
Concen: 0.157 ug/L
RT: 5.801 min Scan# 1403
Delta R.T. 0.013 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

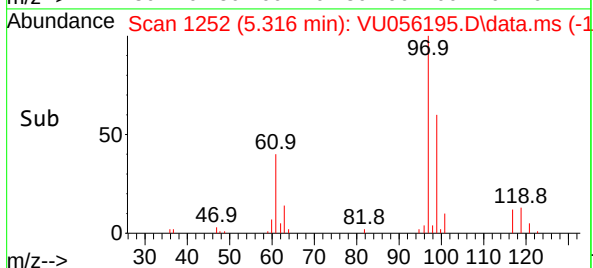
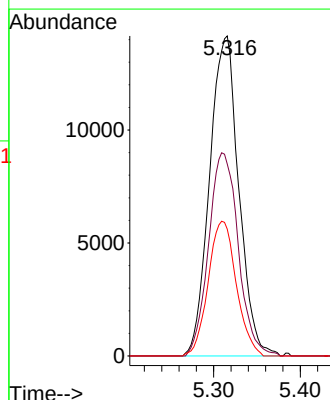
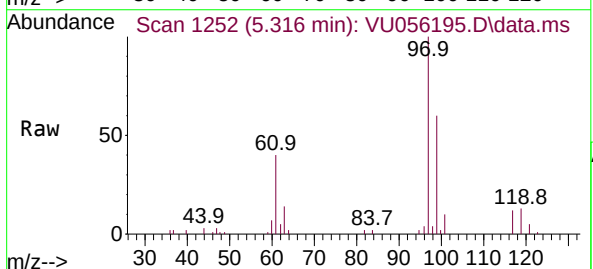
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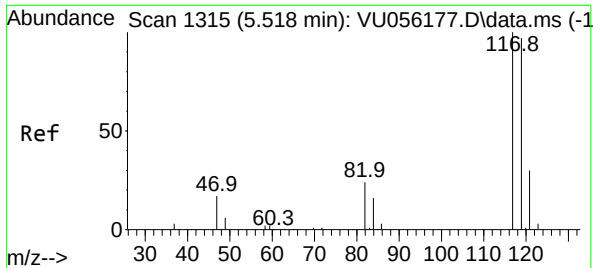
Tgt Ion: 62 Resp: 4339
Ion Ratio Lower Upper
62 100
98 14.7 7.1 10.7#



#29
1,1,1-Trichloroethane
Concen: 0.793 ug/L
RT: 5.316 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

Tgt Ion: 97 Resp: 33184
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.6 33.4 50.0

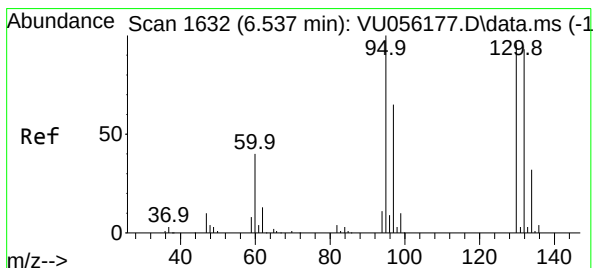
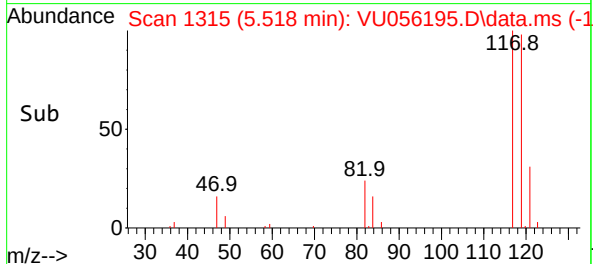
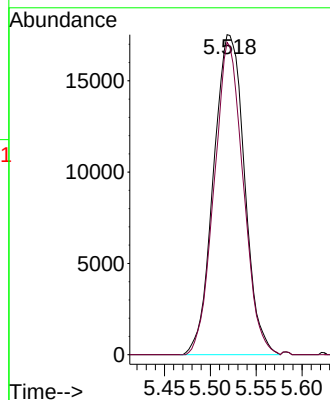
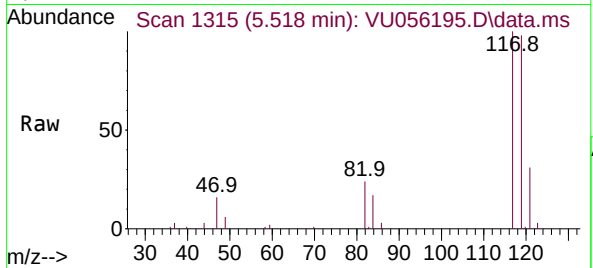




#31
Carbon tetrachloride
Concen: 1.107 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

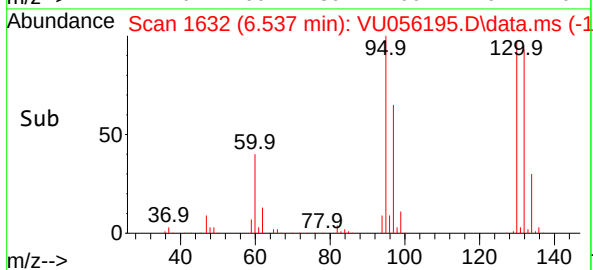
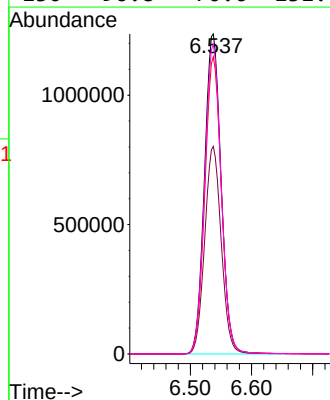
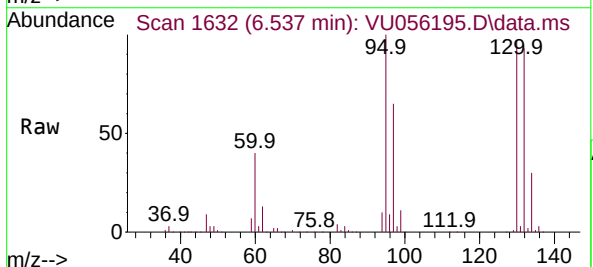
Instrument :
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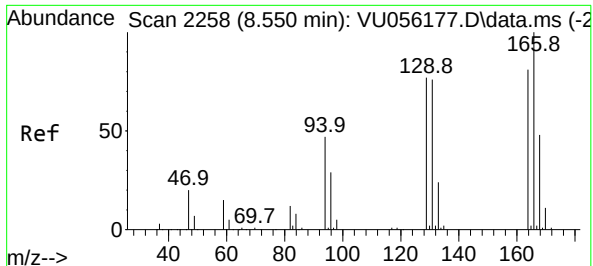
Tgt Ion:117 Resp: 41150
Ion Ratio Lower Upper
117 100
119 91.5 77.2 115.8



#34
Trichloroethene
Concen: 81.756 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

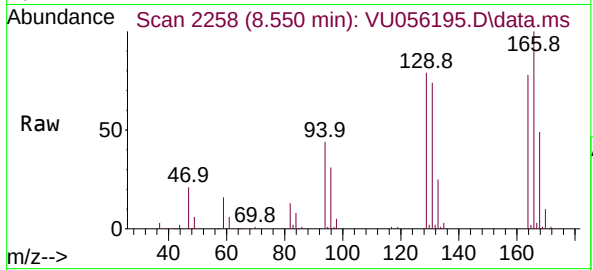
Tgt Ion: 95 Resp: 2336888
Ion Ratio Lower Upper
95 100
97 64.9 46.8 87.0
132 92.8 66.5 123.5
130 96.8 70.6 131.0





#47
 Tetrachloroethene
 Concen: 2.369 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU056195.D
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Tgt Ion:164 Resp: 50819

Ion	Ratio	Lower	Upper
164	100		
129	101.0	66.6	123.8
131	95.4	67.8	126.0
166	128.3	85.9	159.5

