

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 :

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)

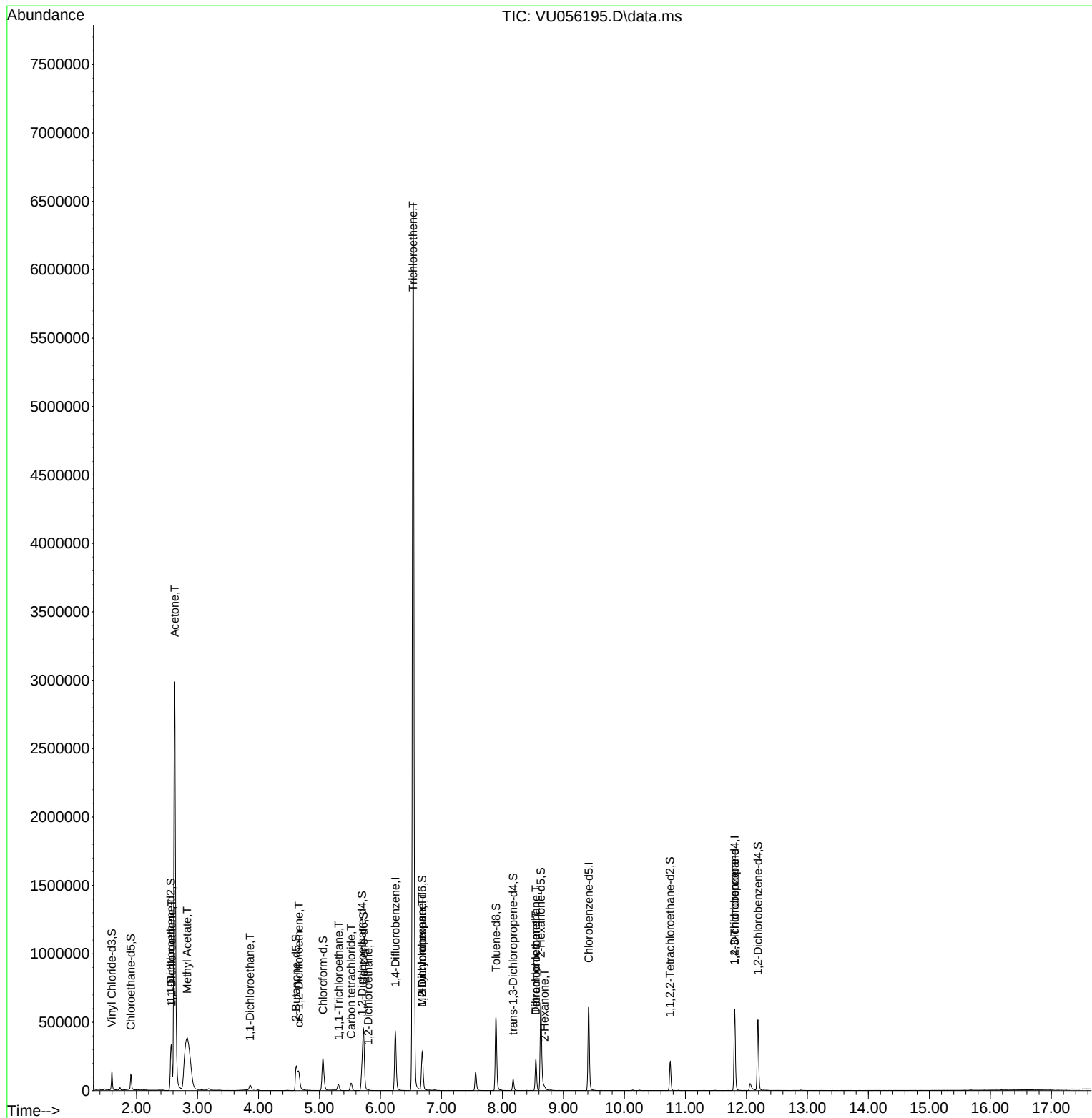
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	367815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	365462	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	164162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96247	4.216	ug/L	0.00
Spiked Amount	5.000	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
15) Methyl Acetate	2.830	43	336414	43.164	ug/L #	46
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
35) Methylcyclohexane	6.685	83	34028	0.801	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13955	0.513	ug/L #	89
47) Tetrachloroethene	8.550	164	50819	2.369	ug/L	96
48) 2-Hexanone	8.688	43	13530	1.561	ug/L #	81
49) Dibromochloromethane	8.547	129	52454	2.457	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	17851	1.260	ug/L #	66

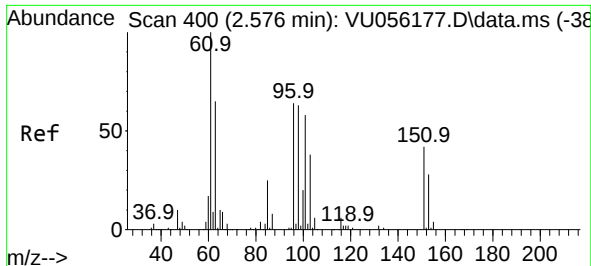
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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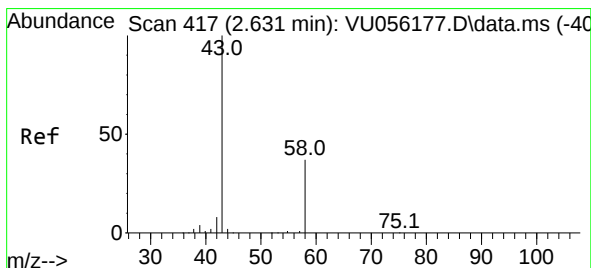
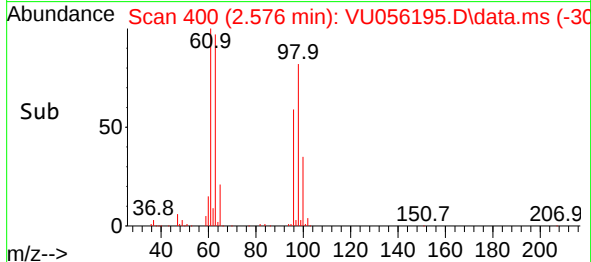
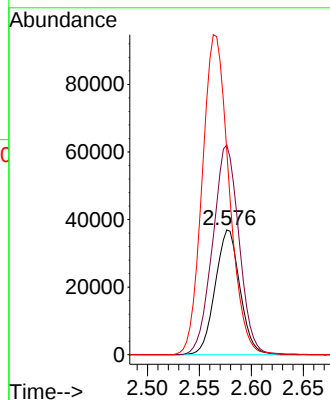
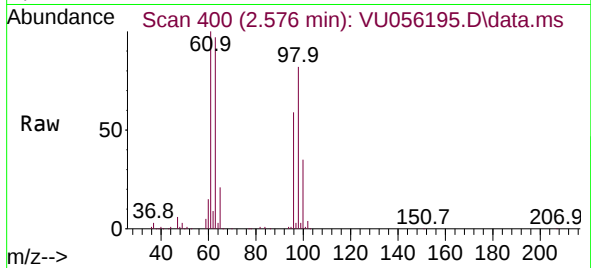




#12
1,1-Dichloroethene
Concen: 2.585 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

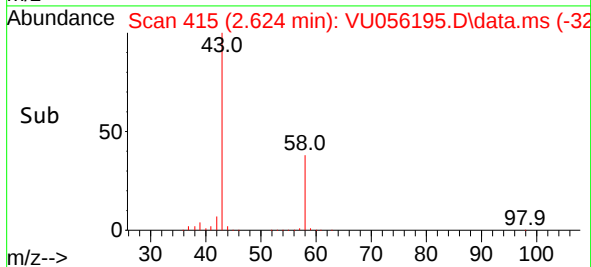
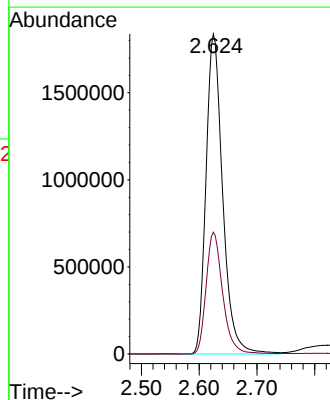
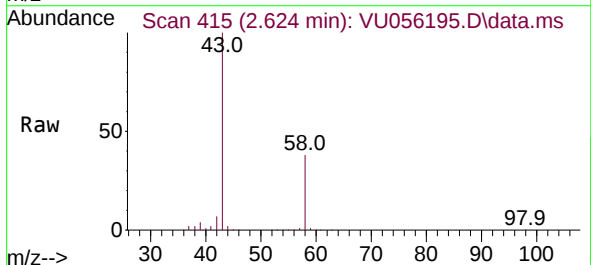
Instrument :
MSVOA_U
ClientSampleId :

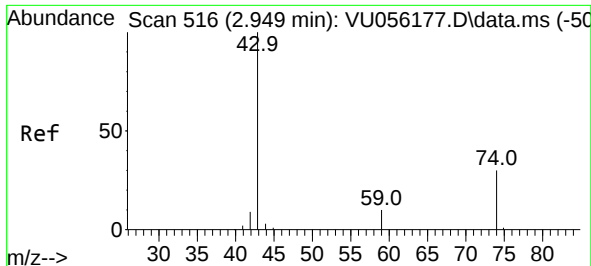
Tgt Ion: 96 Resp: 61115
Ion Ratio Lower Upper
96 100
61 168.1 111.7 207.5
63 163.6 74.5 138.3#



#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

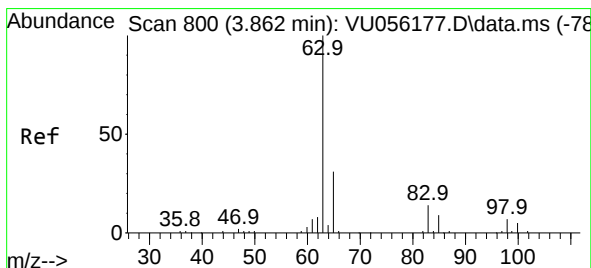
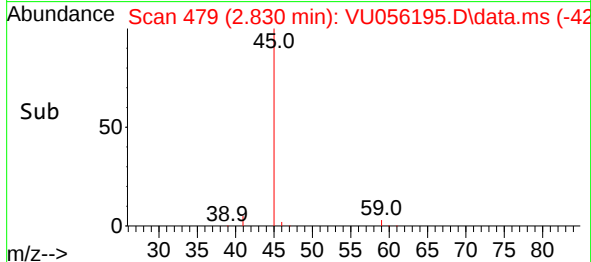
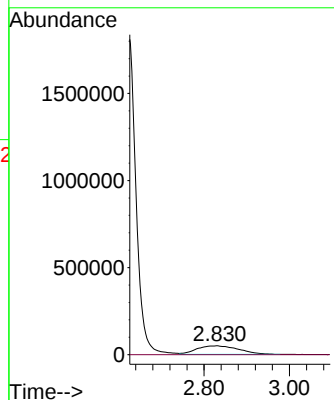
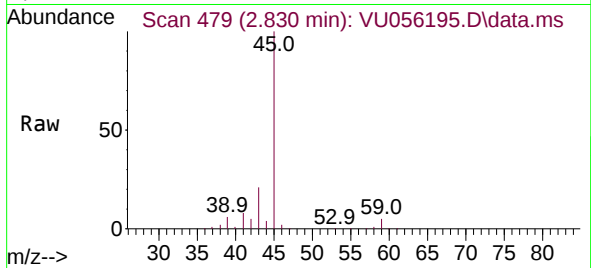




#15
Methyl Acetate
Concen: 43.164 ug/L
RT: 2.830 min Scan# 41
Delta R.T. -0.119 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

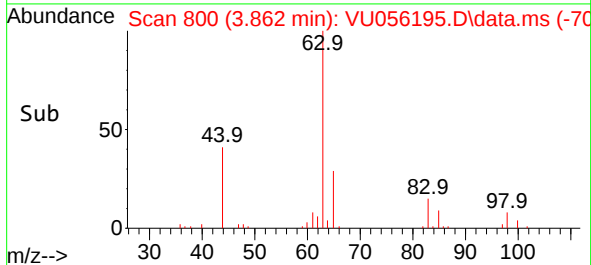
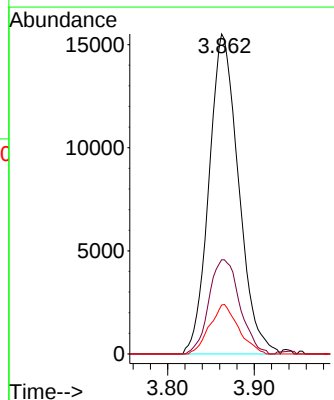
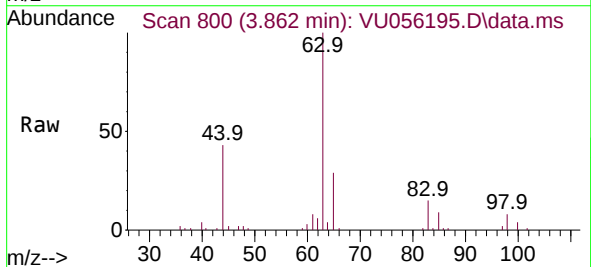
Instrument :
MSVOA_U
ClientSampleId :

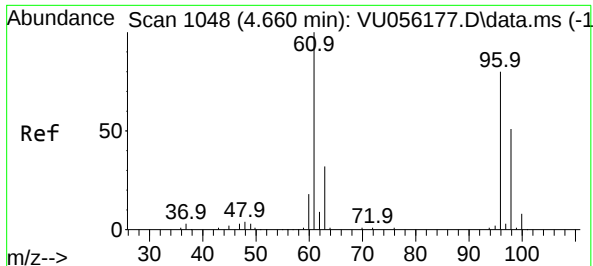
Tgt Ion: 43 Resp: 336414
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#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

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# 110

Delta R.T. 0.003 min

Lab File: VU056195.D

Acq: 11 Nov 2023 01:26

Instrument :

MSVOA_U

ClientSampleId :

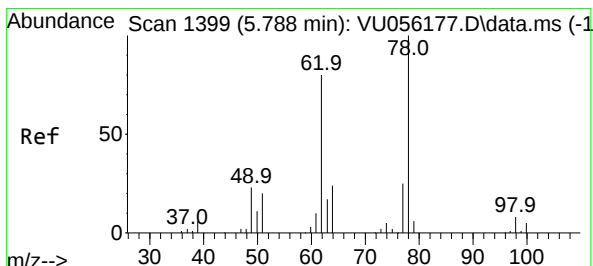
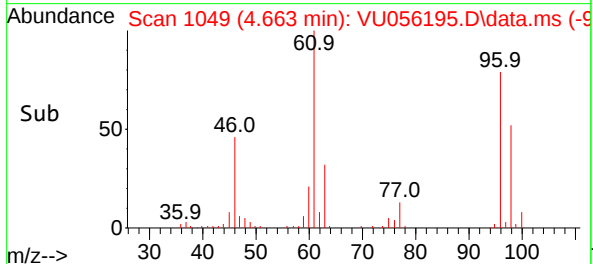
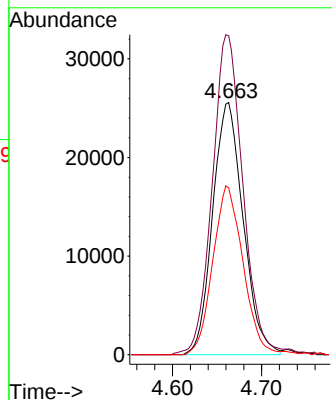
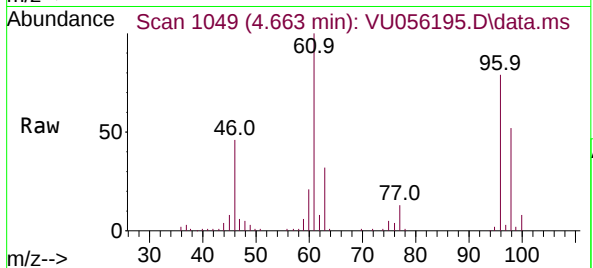
Tgt Ion: 96 Resp: 60799

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

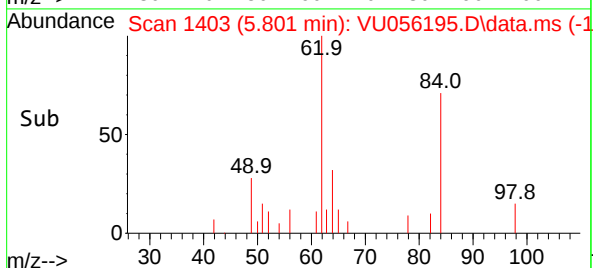
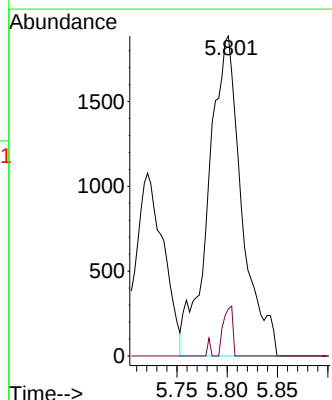
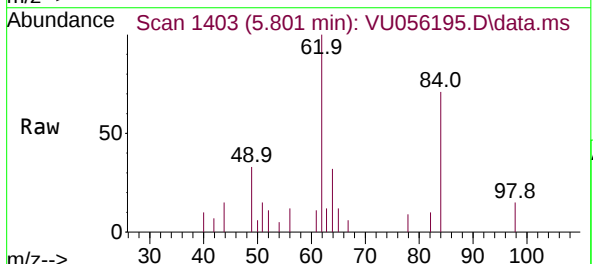
Acq: 11 Nov 2023 01:26

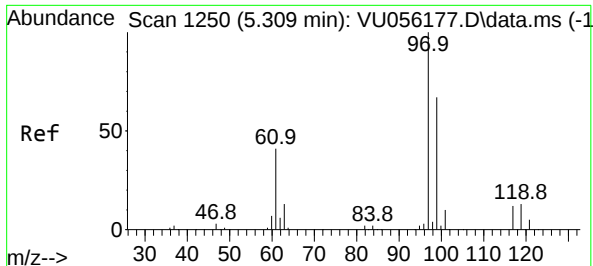
Tgt Ion: 62 Resp: 4339

Ion Ratio Lower Upper

62 100

98 14.7 7.1 10.7#

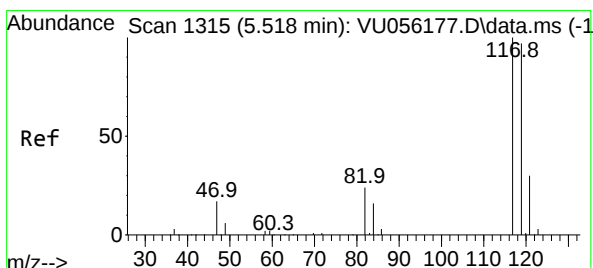
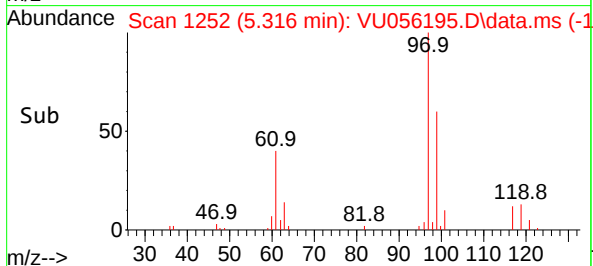
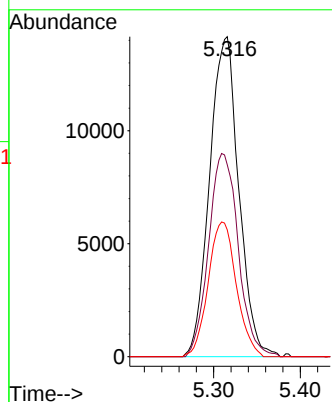
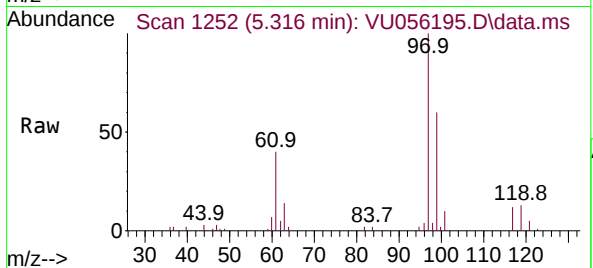




#29
1,1,1-Trichloroethane
Concen: 0.793 ug/L
RT: 5.316 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

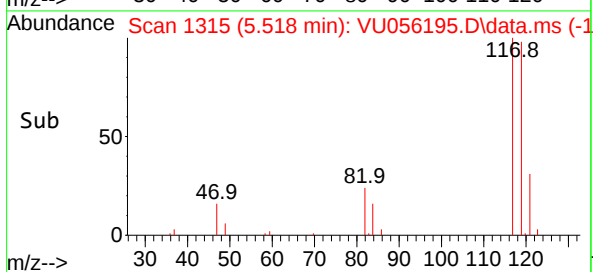
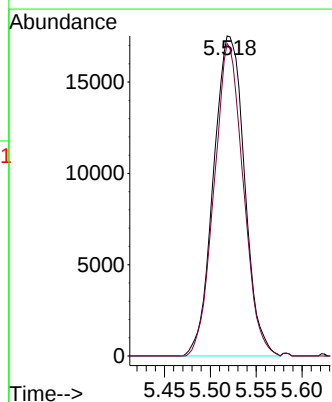
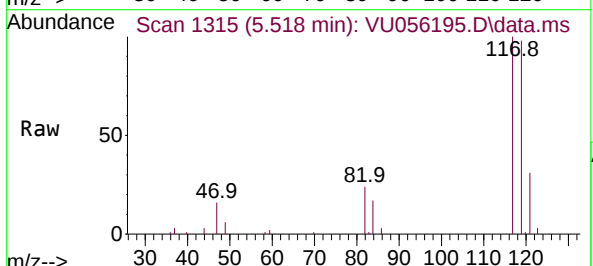
Instrument :
MSVOA_U
ClientSampleId :

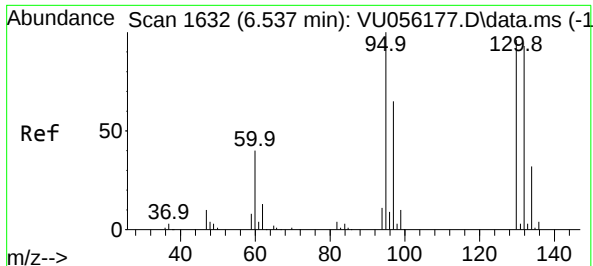
Tgt Ion: 97	Resp: 33184
Ion Ratio	Lower Upper
97 100	
99 64.4	52.0 78.0
61 40.6	33.4 50.0



#31
Carbon tetrachloride
Concen: 1.107 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

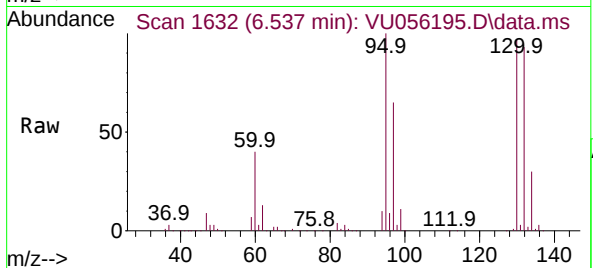
Tgt Ion: 117	Resp: 41150
Ion Ratio	Lower Upper
117 100	
119 91.5	77.2 115.8





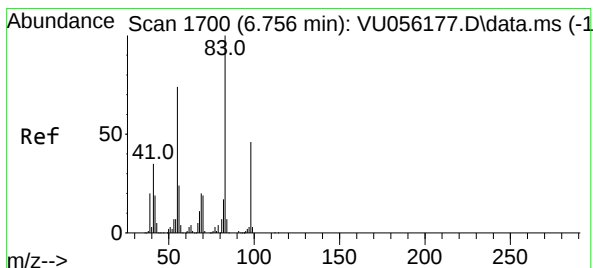
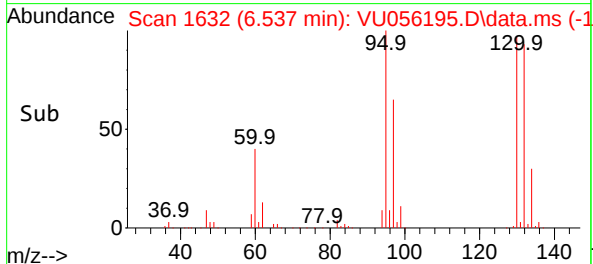
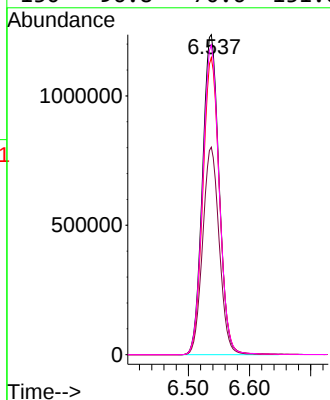
#34
Trichloroethene
Concen: 81.756 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 2336888

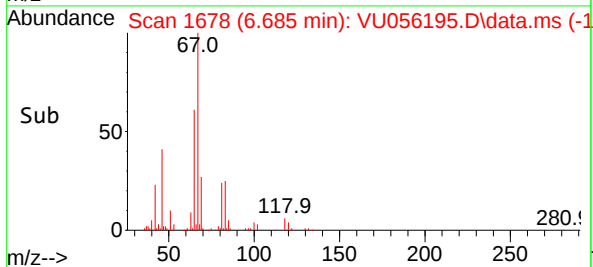
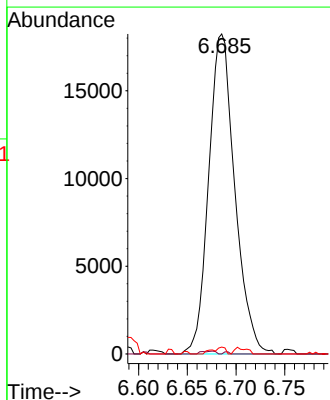
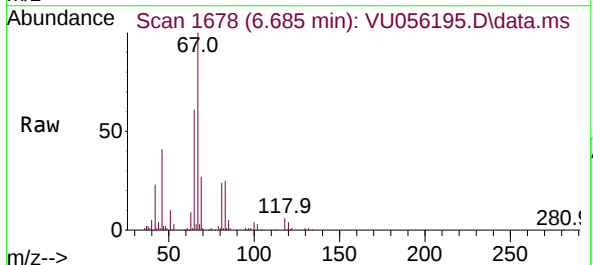
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.8	87.0
132	92.8	66.5	123.5
130	96.8	70.6	131.0

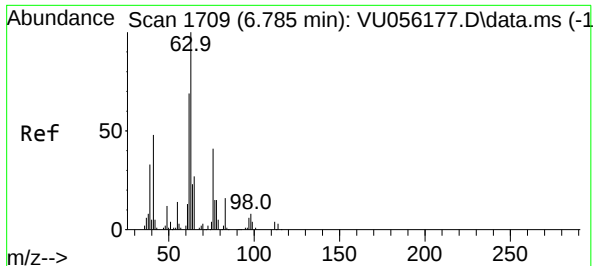


#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

Tgt Ion: 83 Resp: 34028

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.6	91.0#
98	0.0	36.2	54.4#

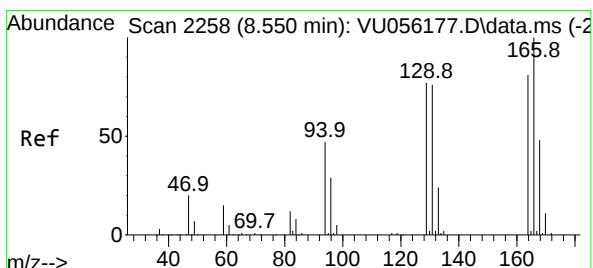
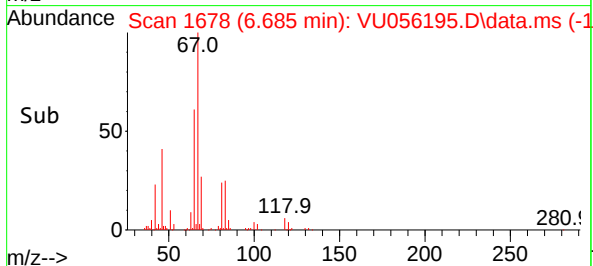
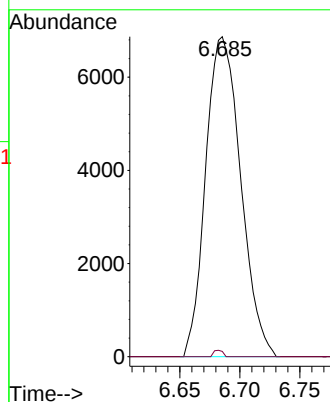
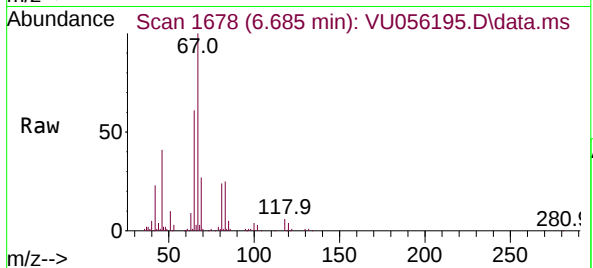




#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

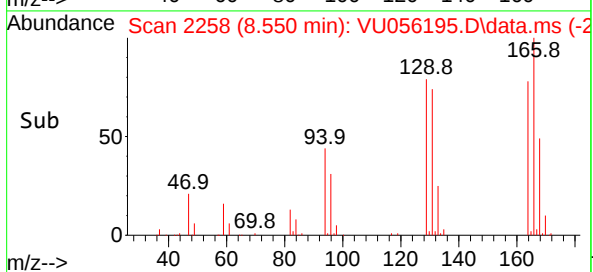
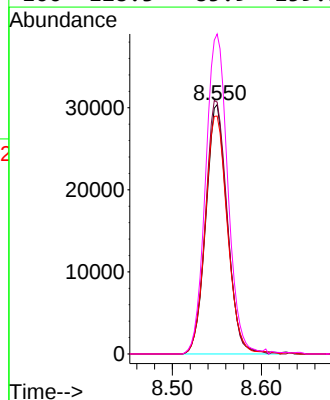
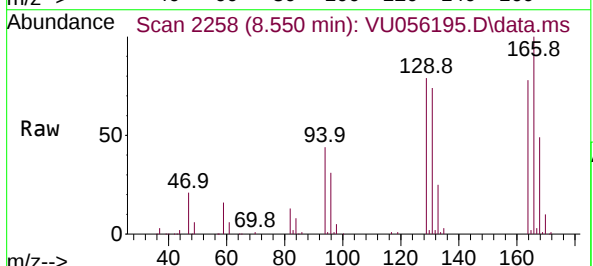
Instrument :
MSVOA_U
ClientSampleId :

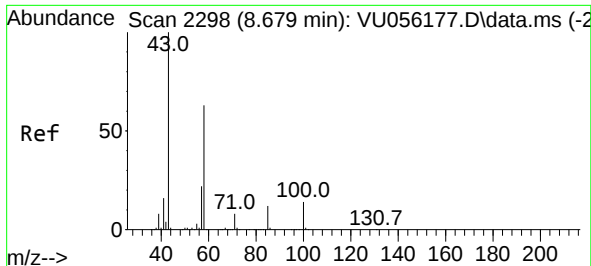
Tgt Ion: 63 Resp: 13955
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#



#47
Tetrachloroethene
Concen: 2.369 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

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

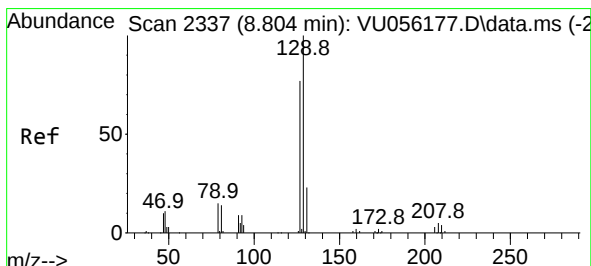
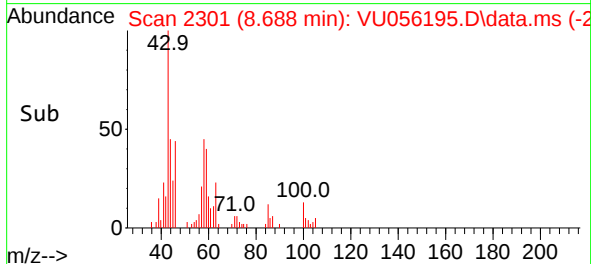
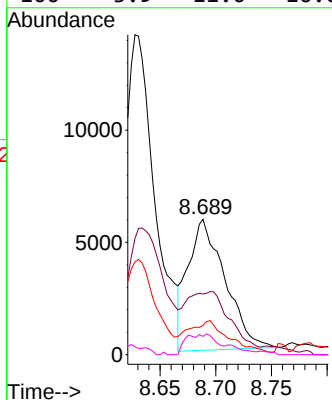
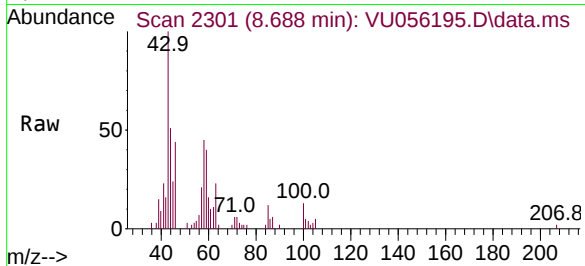




#48
2-Hexanone
Concen: 1.561 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

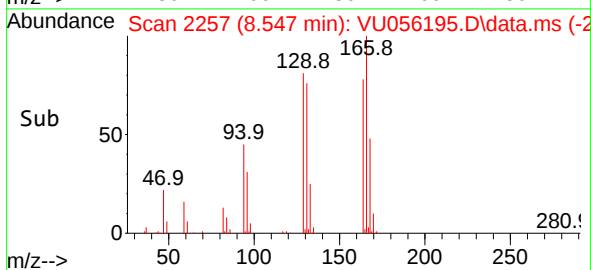
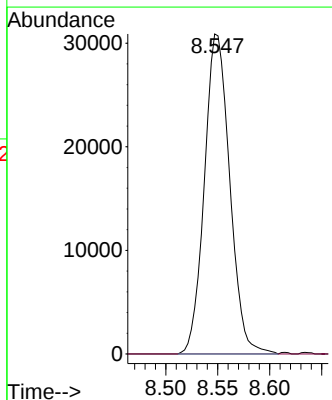
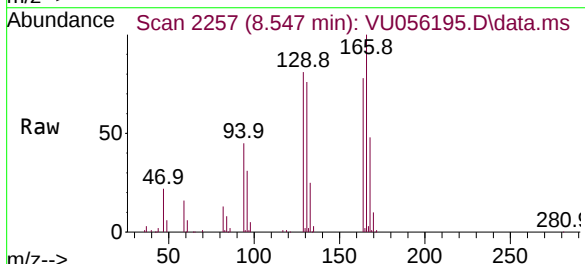
Instrument :
MSVOA_U
ClientSampleId :

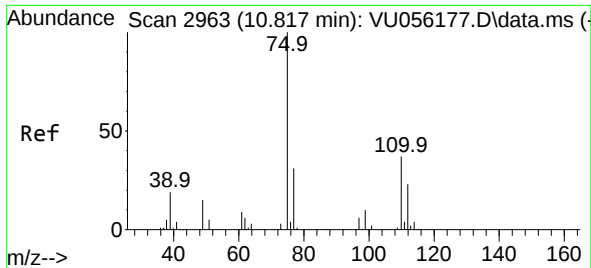
Tgt Ion: 43 Resp: 13530
Ion Ratio Lower Upper
43 100
58 50.9 52.0 78.0#
57 30.3 17.4 26.2#
100 3.9 11.0 16.6#



#49
Dibromochloromethane
Concen: 2.457 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056195.D
Acq: 11 Nov 2023 01:26

Tgt Ion: 129 Resp: 52454
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.260 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

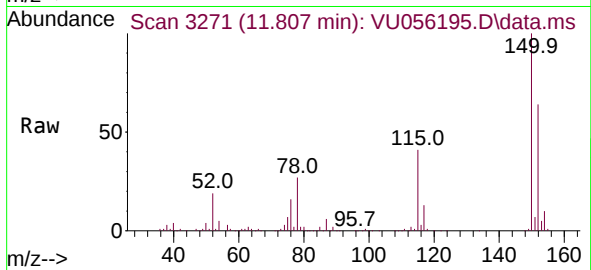
Lab File: VU056195.D

Acq: 11 Nov 2023 01:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 17851

Ion Ratio Lower Upper

75 100

110 2.1 29.7 44.5#

77 34.8 25.5 38.3

