

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055516.D
 Acq On : 26 Sep 2023 14:44
 Operator : MD/SY
 Sample : 04610-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:49:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

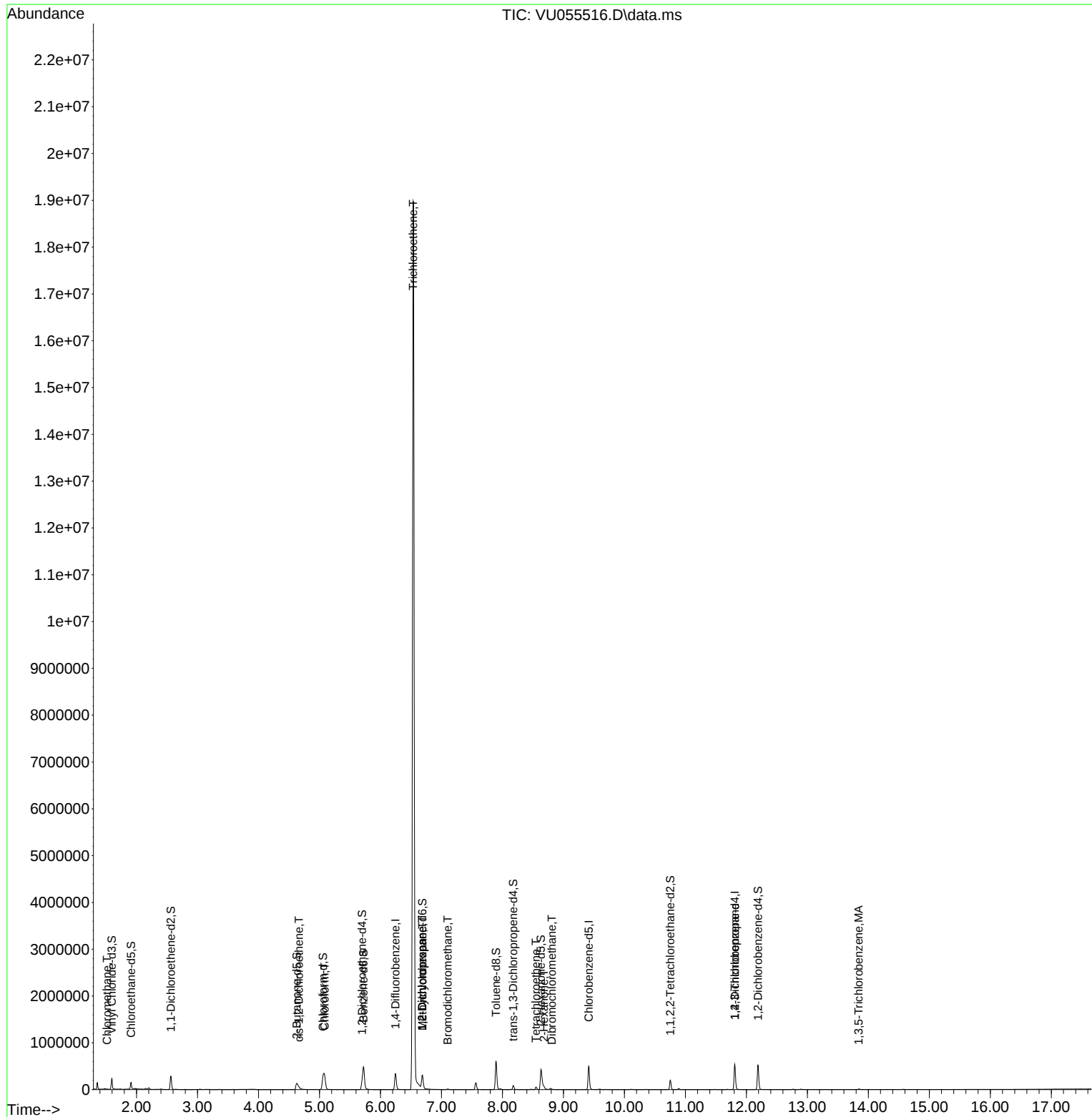
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	283929	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	146124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	132958	4.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.911	69	101314	4.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.563	65	53449	4.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.628	46	237509	45.822	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.640%
24) Chloroform-d	5.058	84	245677	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.698	65	114896	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.724	84	473949	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.689	67	143099	4.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.894	98	421398	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	53448	4.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.631	63	140469	42.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104663	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	143355	4.861	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3896	0.160	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	6534	0.282	ug/L	97
25) Chloroform	5.084	83	243761	6.221	ug/L	98
34) Trichloroethene	6.537	95	6788788	284.518	ug/L	96
35) Methylcyclohexane	6.689	83	34590	1.006	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	14574	0.661	ug/L #	89
38) Bromodichloromethane	7.103	83	9492	0.367	ug/L #	90
47) Tetrachloroethene	8.550	164	12356	0.722	ug/L	96
48) 2-Hexanone	8.682	43	28729	3.704	ug/L #	82
49) Dibromochloromethane	8.807	129	1958	0.121	ug/L	82
61) 1,2,3-Trichloropropane	11.811	75	19184	1.682	ug/L #	65
69) 1,3,5-Trichlorobenzene	13.843	180	5077	0.183	ug/L	96

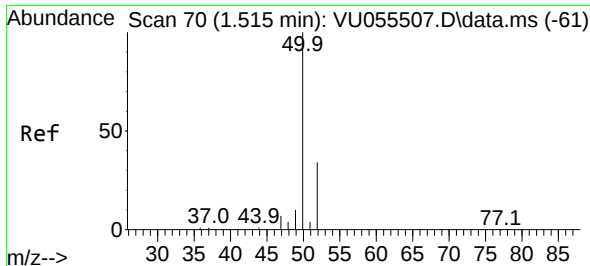
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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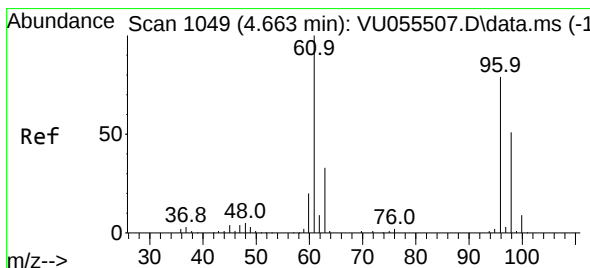
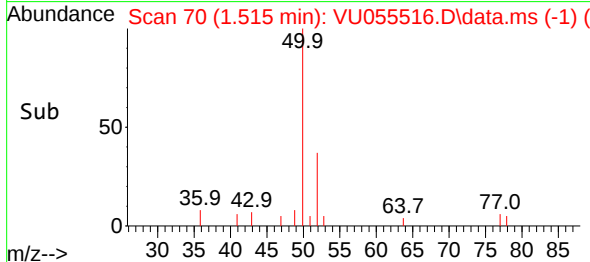
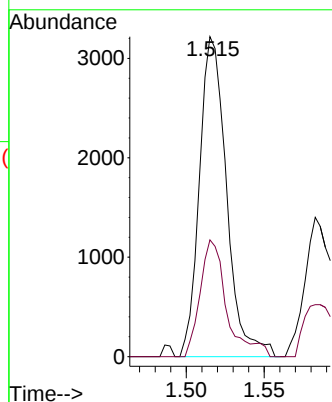
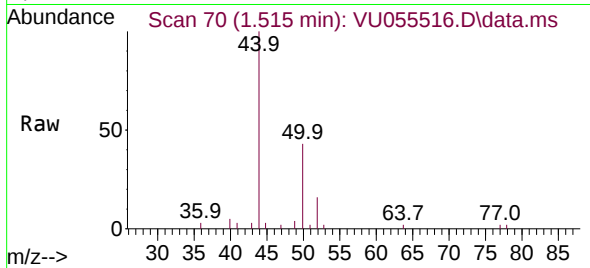




#3
Chloromethane
Concen: 0.160 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

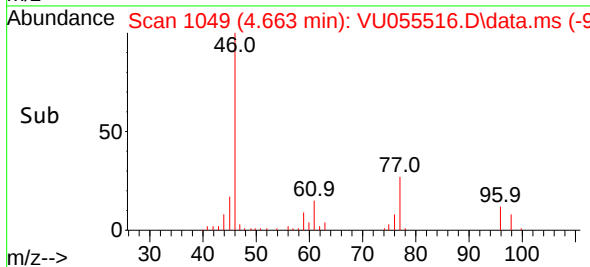
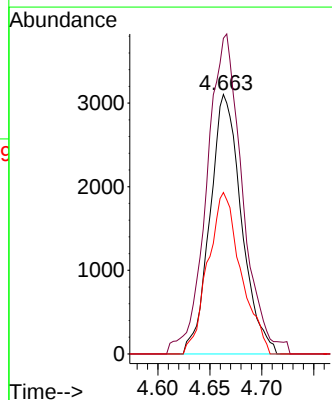
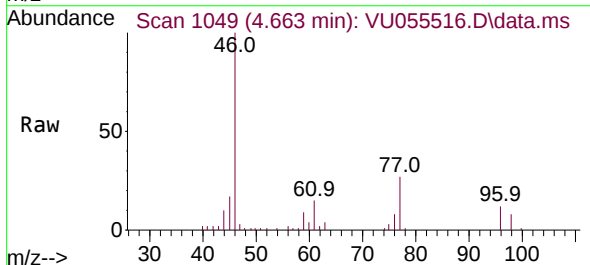
Instrument :
MSVOA_U
ClientSampleId :

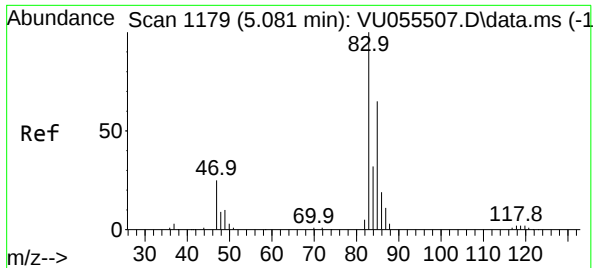
Tgt Ion: 50 Resp: 3896
Ion Ratio Lower Upper
50 100
52 36.5 22.9 42.5



#22
cis-1,2-Dichloroethene
Concen: 0.282 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

Tgt Ion: 96 Resp: 6534
Ion Ratio Lower Upper
96 100
61 121.7 87.8 163.2
98 62.2 44.4 82.4

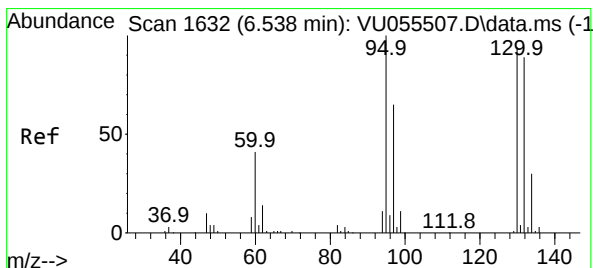
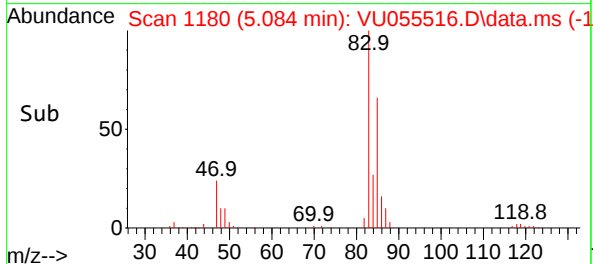
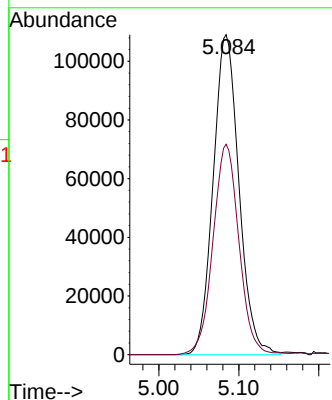
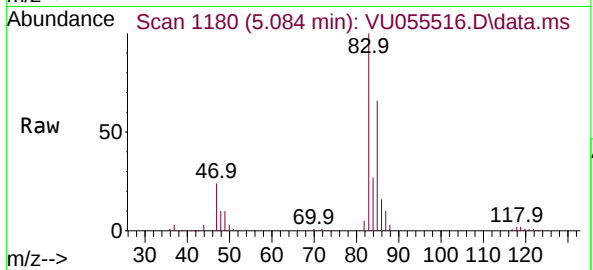




#25
Chloroform
Concen: 6.221 ug/L
RT: 5.084 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

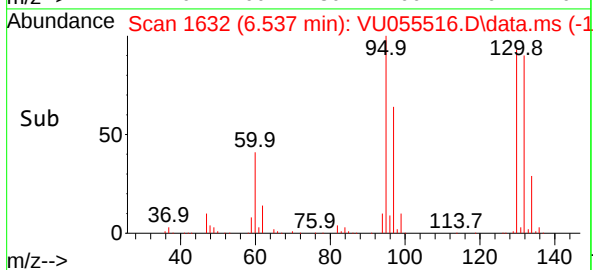
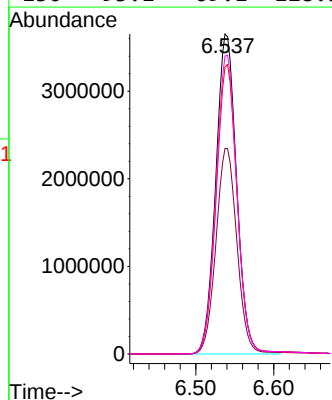
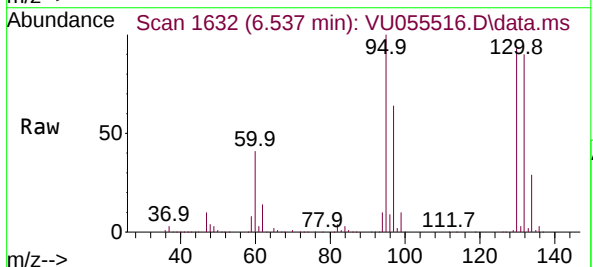
Instrument :
MSVOA_U
ClientSampleId :

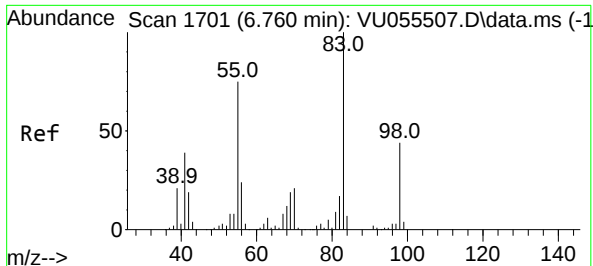
Tgt Ion: 83 Resp: 243761
Ion Ratio Lower Upper
83 100
85 65.8 44.9 83.5



#34
Trichloroethene
Concen: 284.518 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

Tgt Ion: 95 Resp: 6788788
Ion Ratio Lower Upper
95 100
97 64.2 45.4 84.2
132 89.7 65.2 121.2
130 93.1 69.1 128.3

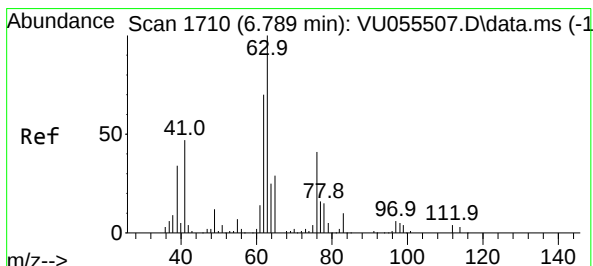
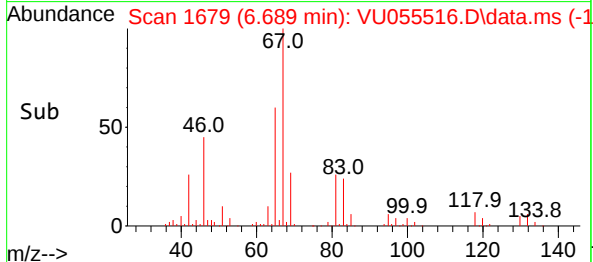
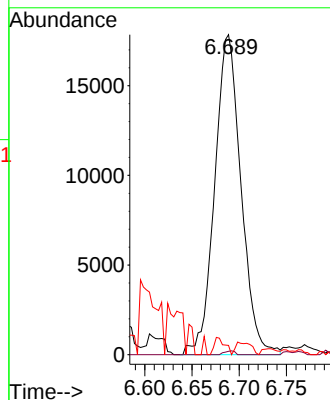
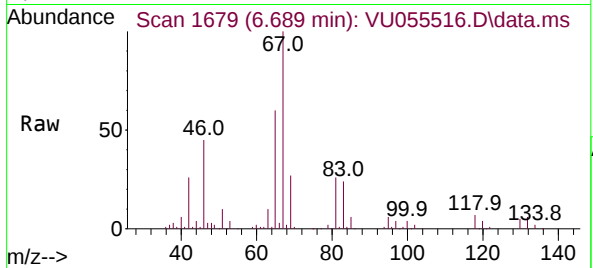




#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

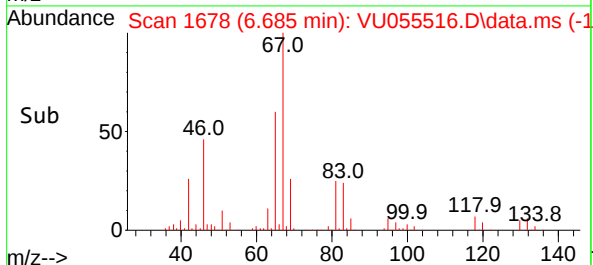
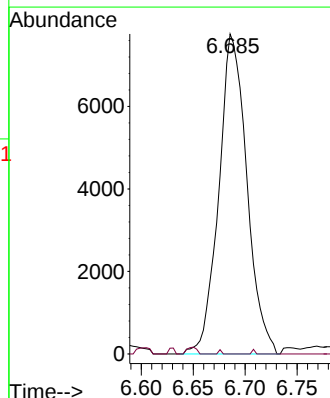
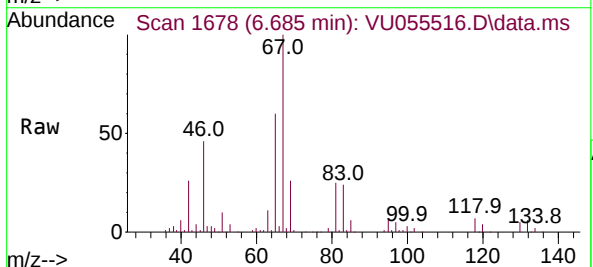
Instrument :
MSVOA_U
ClientSampleId :

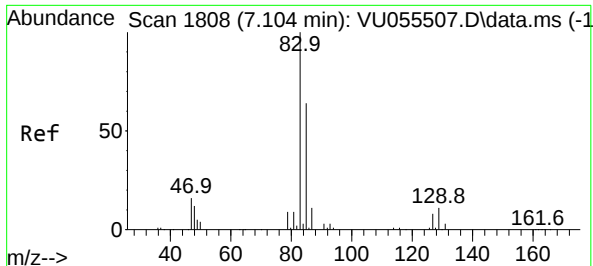
Tgt Ion: 83 Resp: 34590
Ion Ratio Lower Upper
83 100
55 0.5 59.1 88.7#
98 0.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.661 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

Tgt Ion: 63 Resp: 14574
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#





#38

Bromodichloromethane

Concen: 0.367 ug/L

RT: 7.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055516.D

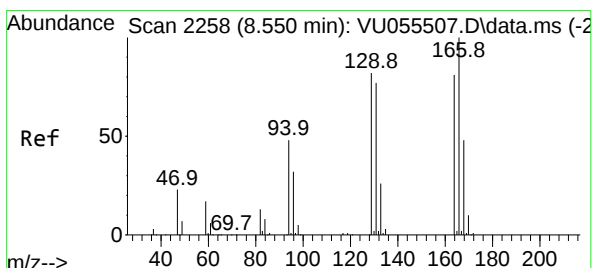
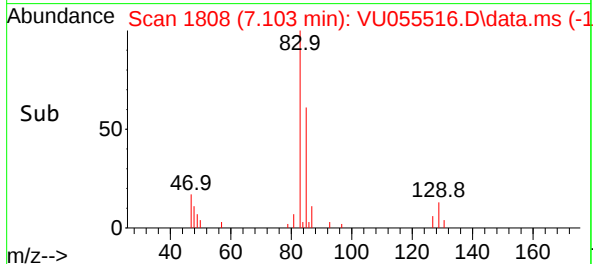
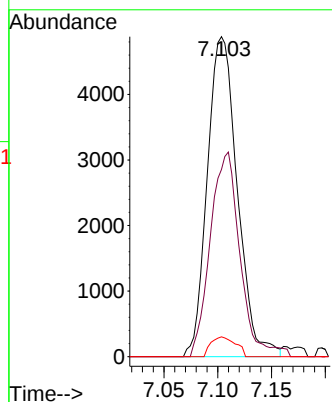
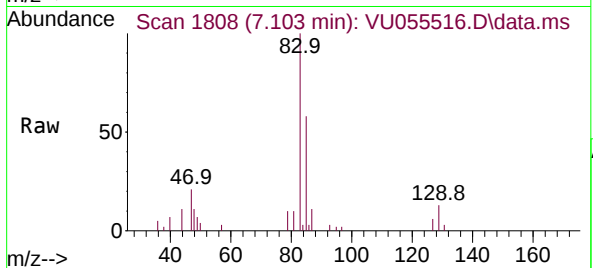
Acq: 26 Sep 2023 14:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9492
Ion Ratio	Lower Upper
83	100
85	58.5 46.8 86.8
127	6.2 7.2 10.8#



#47

Tetrachloroethene

Concen: 0.722 ug/L

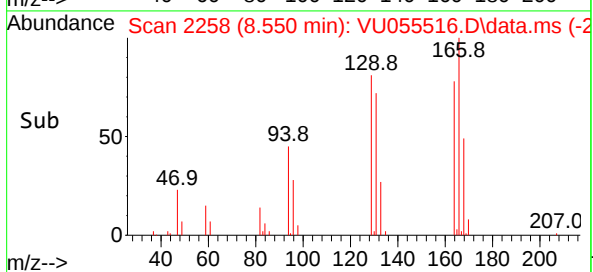
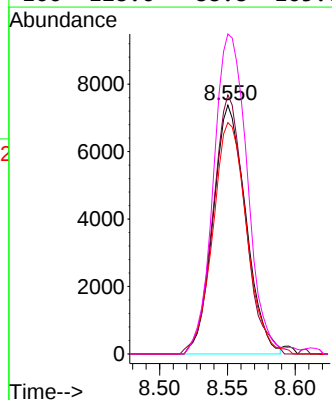
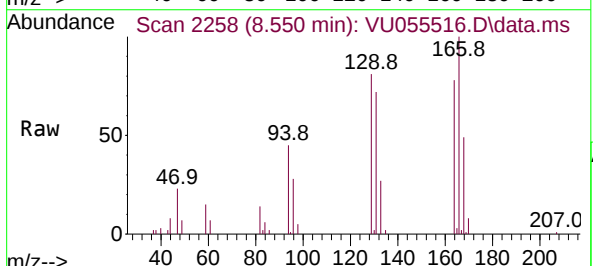
RT: 8.550 min Scan# 2258

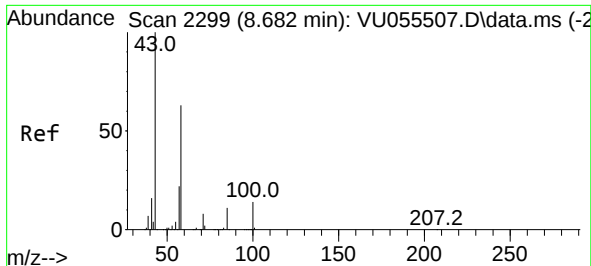
Delta R.T. -0.000 min

Lab File: VU055516.D

Acq: 26 Sep 2023 14:44

Tgt Ion: 164	Resp: 12356
Ion Ratio	Lower Upper
164	100
129	104.1 67.4 125.2
131	92.9 66.4 123.2
166	128.6 88.8 165.0

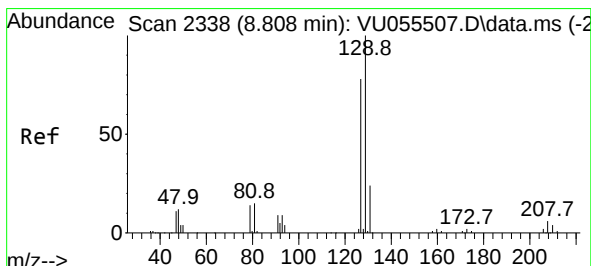
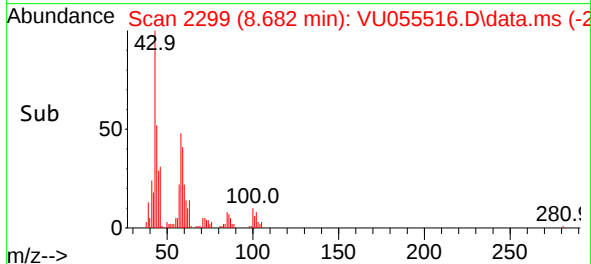
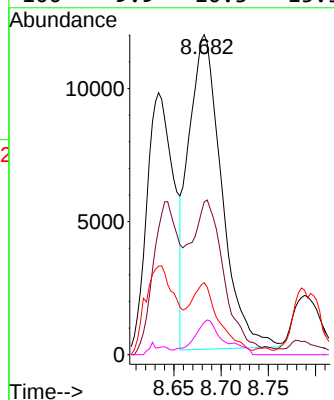
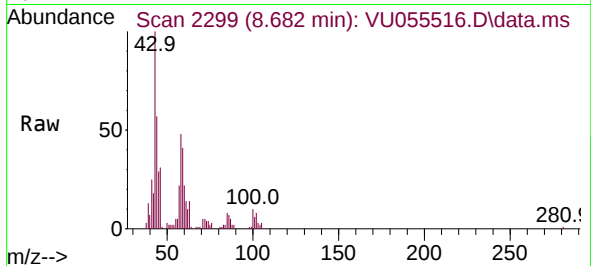




#48
2-Hexanone
Concen: 3.704 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

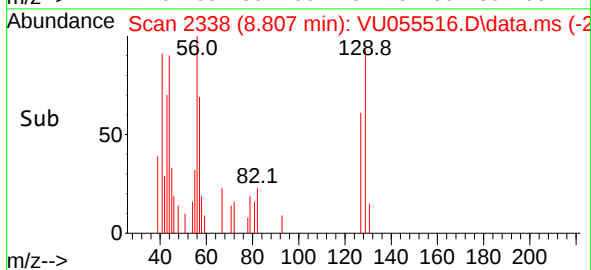
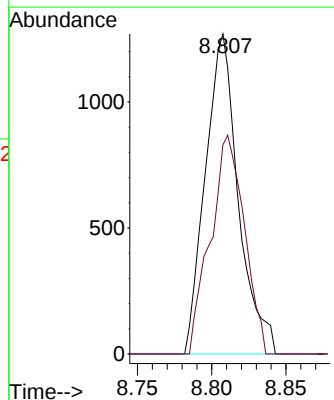
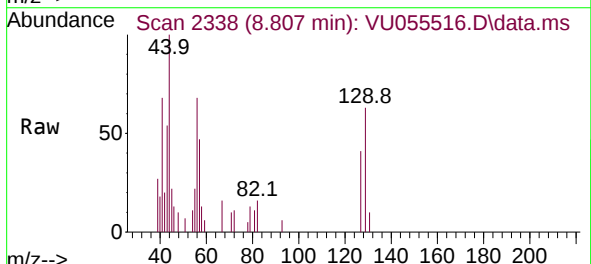
Instrument :
MSVOA_U
ClientSampleId :

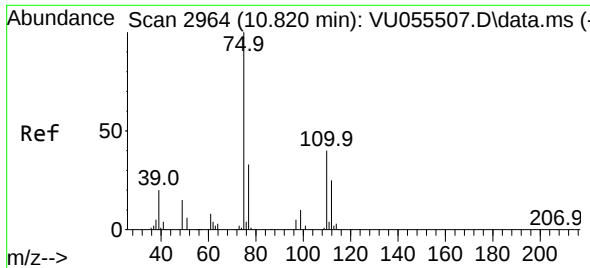
Tgt Ion: 43 Resp: 28729
Ion Ratio Lower Upper
43 100
58 42.7 48.5 72.7#
57 17.7 17.0 25.4
100 9.9 10.3 15.5#



#49
Dibromochloromethane
Concen: 0.121 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

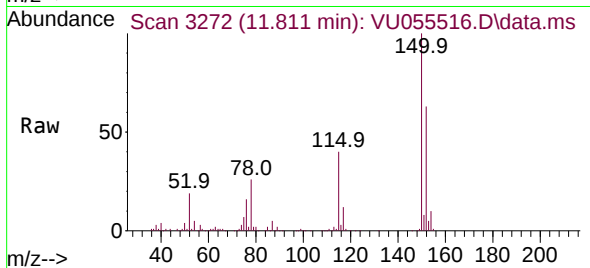
Tgt Ion: 129 Resp: 1958
Ion Ratio Lower Upper
129 100
127 65.4 56.8 105.6



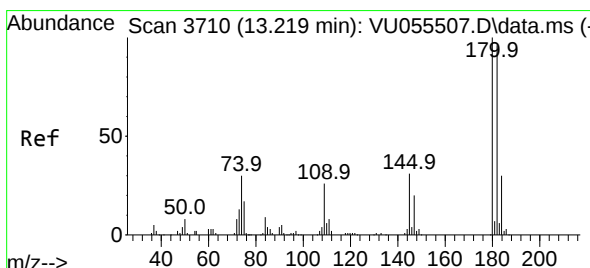
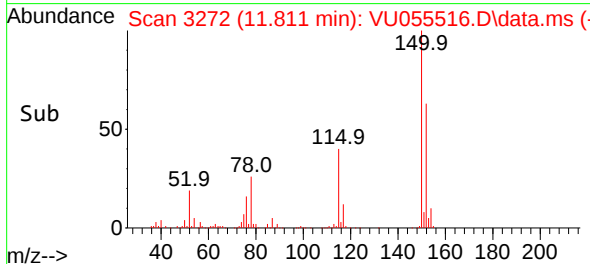
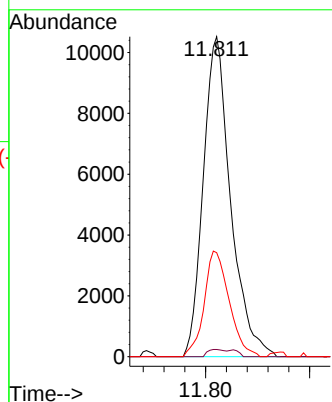


#61
1,2,3-Trichloropropane
Concen: 1.682 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

Instrument :
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Tgt Ion: 75 Resp: 19184
Ion Ratio Lower Upper
75 100
110 1.5 30.6 45.8#
77 30.1 26.7 40.1



#69
1,3,5-Trichlorobenzene
Concen: 0.183 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.624 min
Lab File: VU055516.D
Acq: 26 Sep 2023 14:44

Tgt Ion:180 Resp: 5077
Ion Ratio Lower Upper
180 100
182 94.2 77.1 115.7
184 27.3 24.0 36.0
145 35.1 25.2 37.8

