

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055311.D
 Acq On : 14 Sep 2023 17:15
 Operator : MD/SY
 Sample : 04306-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:03:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

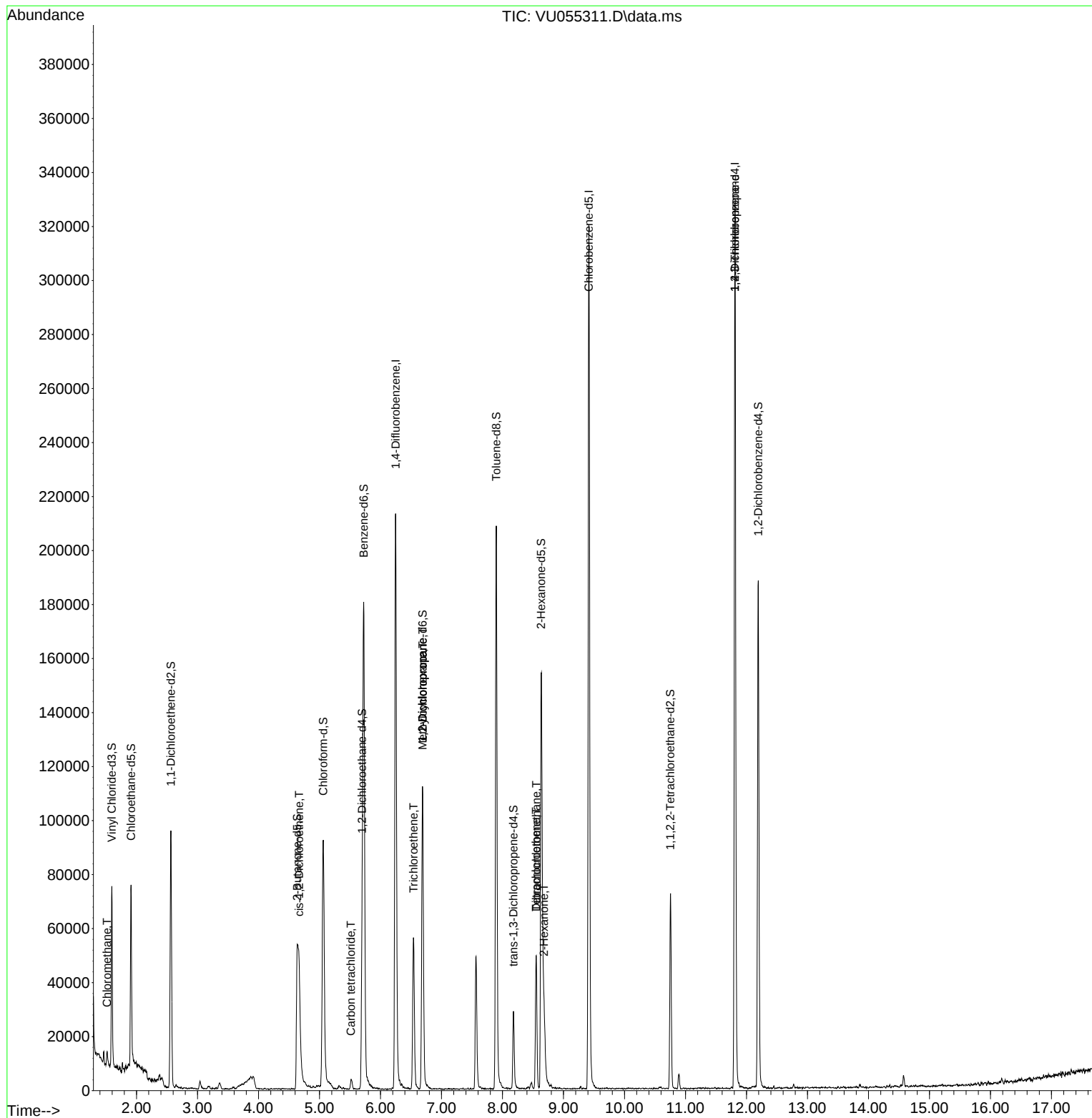
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178252	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182247	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46523	5.569	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.400%	
7) Chloroethane-d5	1.911	69	46462	4.805	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	18085	3.799	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	4.634	46	94125	38.825	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.640%	
24) Chloroform-d	5.062	84	85651	3.864	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.200%	
26) 1,2-Dichloroethane-d4	5.698	65	44996	4.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
32) Benzene-d6	5.724	84	170231	3.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.689	67	54585	3.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.200%	
41) Toluene-d8	7.898	98	142166	3.431	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	8.180	79	15776	4.004	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.634	63	49656	31.041	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	62.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	36196	3.597	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	72.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	48917	3.888	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.800%#	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3337	0.316	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	12740	1.245	ug/L	93
31) Carbon tetrachloride	5.515	117	2381	0.182	ug/L	97
34) Trichloroethene	6.541	95	18716	1.736	ug/L	94
35) Methylcyclohexane	6.692	83	12796	0.846	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	5898	0.559	ug/L #	88
47) Tetrachloroethene	8.550	164	10753	1.443	ug/L	96
48) 2-Hexanone	8.682	43	13278	2.814	ug/L #	90
49) Dibromochloromethane	8.553	129	10884	1.402	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11629	2.033	ug/L #	69

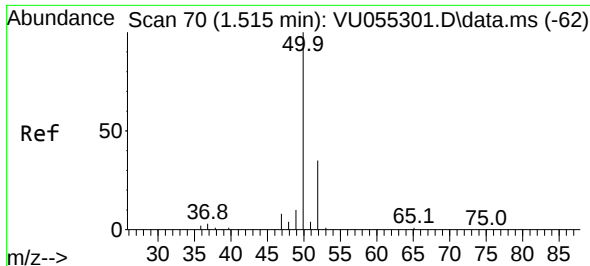
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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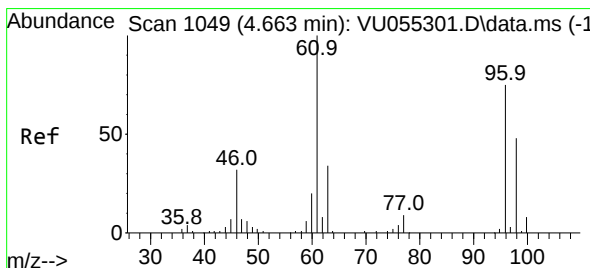
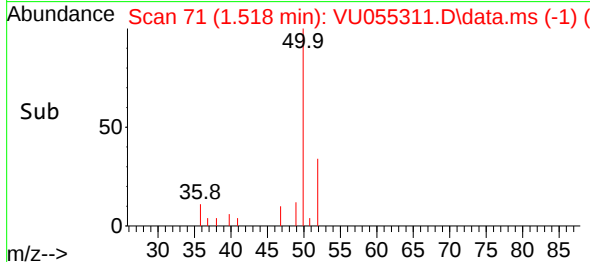
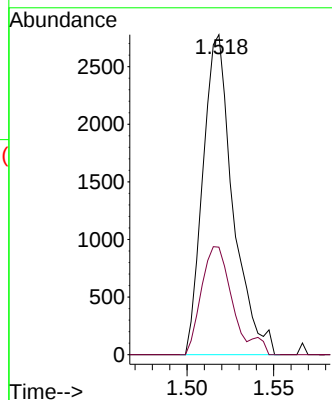
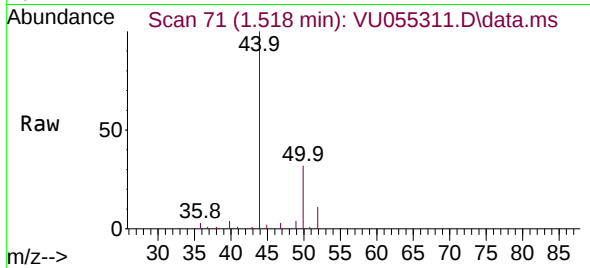




#3
 Chloromethane
 Concen: 0.316 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055311.D
 Acq: 14 Sep 2023 17:15

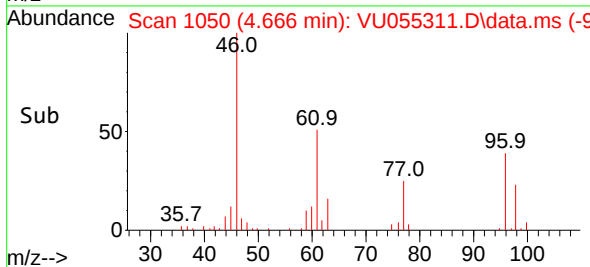
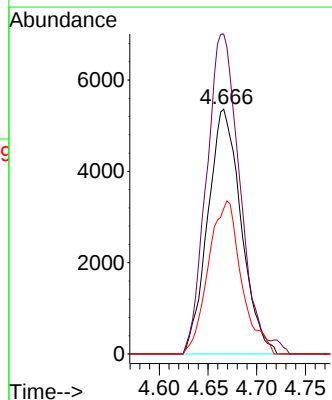
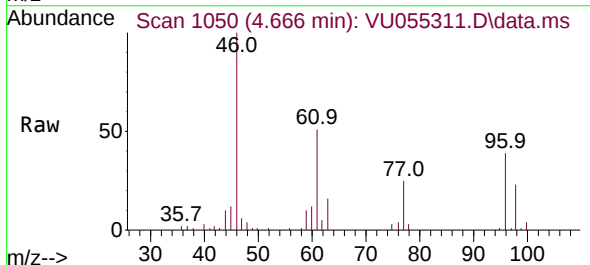
Instrument :
 MSVOA_U
 ClientSampleId :

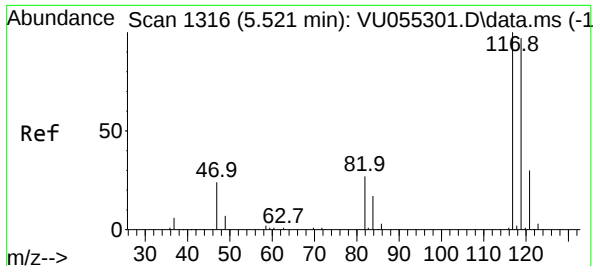
Tgt Ion: 50 Resp: 3337
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.5 41.7



#22
 cis-1,2-Dichloroethene
 Concen: 1.245 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055311.D
 Acq: 14 Sep 2023 17:15

Tgt Ion: 96 Resp: 12740
 Ion Ratio Lower Upper
 96 100
 61 130.7 97.2 180.4
 98 59.4 46.1 85.7

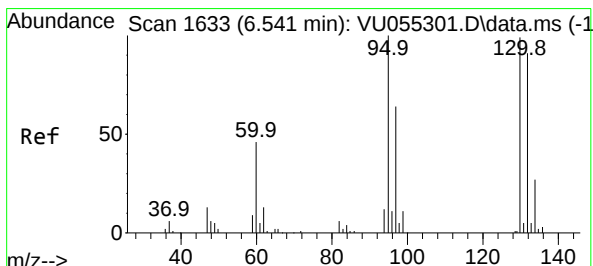
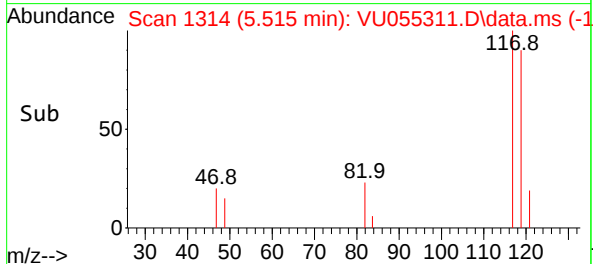
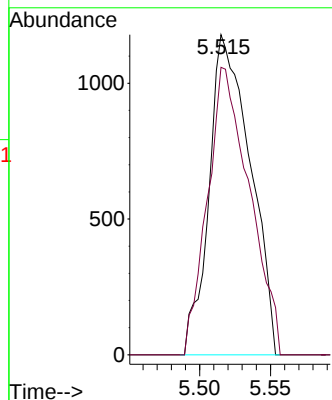
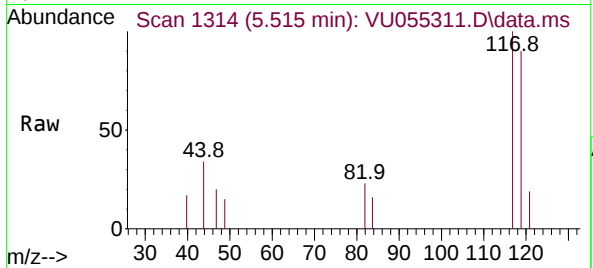




#31
Carbon tetrachloride
Concen: 0.182 ug/L
RT: 5.515 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU055311.D
Acq: 14 Sep 2023 17:15

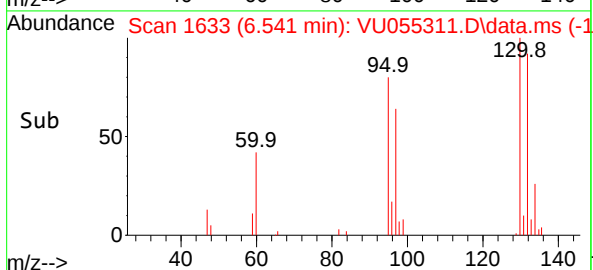
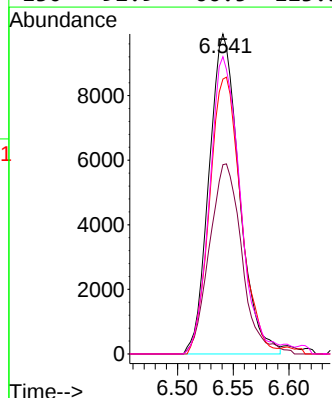
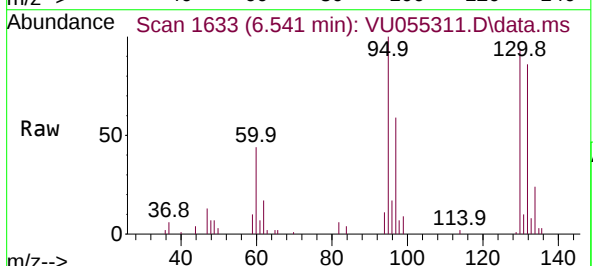
Instrument :
MSVOA_U
ClientSampleId :

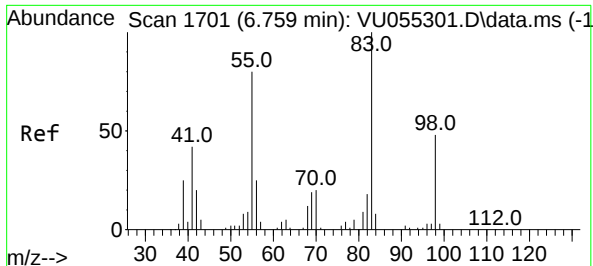
Tgt Ion:117 Resp: 2381
Ion Ratio Lower Upper
117 100
119 91.6 75.4 113.0



#34
Trichloroethene
Concen: 1.736 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055311.D
Acq: 14 Sep 2023 17:15

Tgt Ion: 95 Resp: 18716
Ion Ratio Lower Upper
95 100
97 59.2 44.7 83.1
132 85.9 66.6 123.6
130 92.9 66.5 123.5

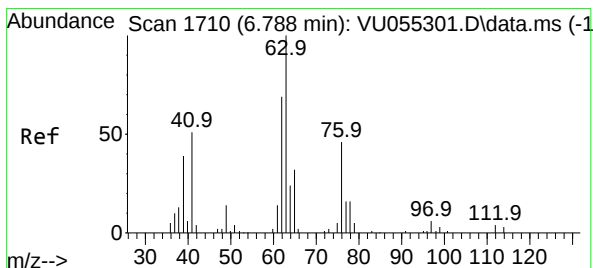
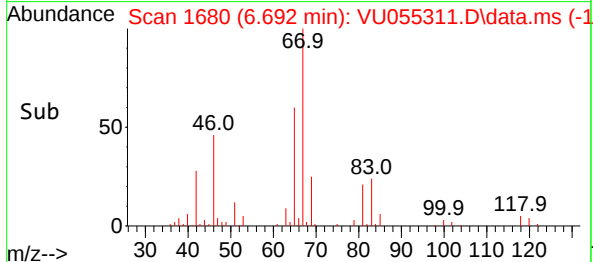
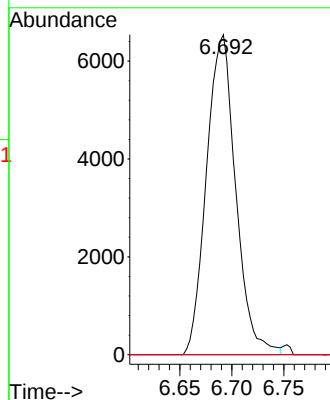
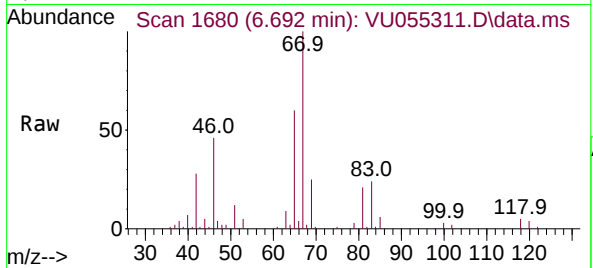




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.692 min Scan# 1679
Delta R.T. -0.067 min
Lab File: VU055311.D
Acq: 14 Sep 2023 17:15

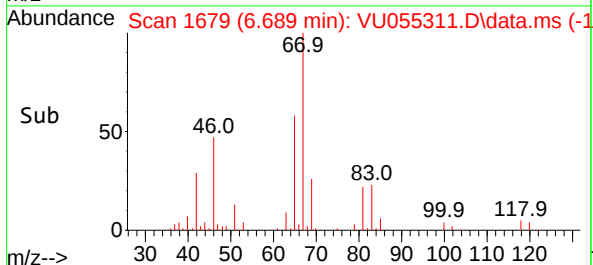
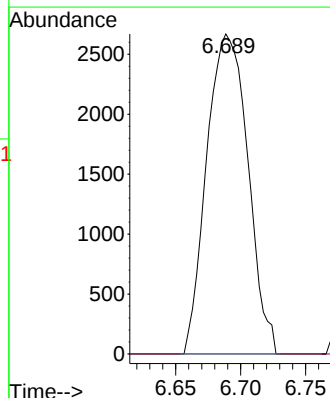
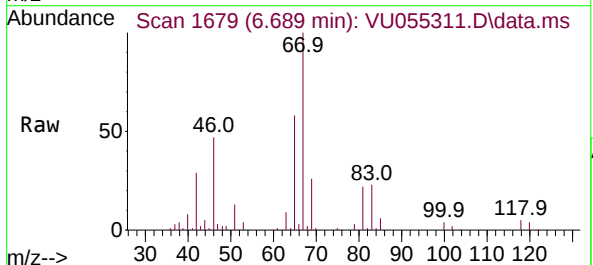
Instrument :
MSVOA_U
ClientSampleId :

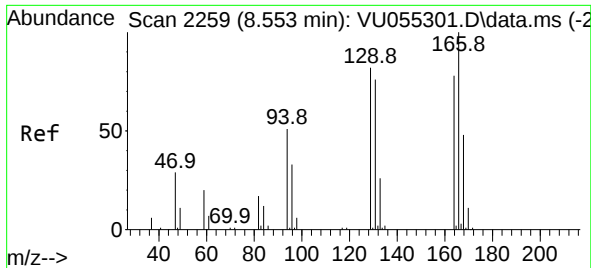
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	1.1	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055311.D
Acq: 14 Sep 2023 17:15

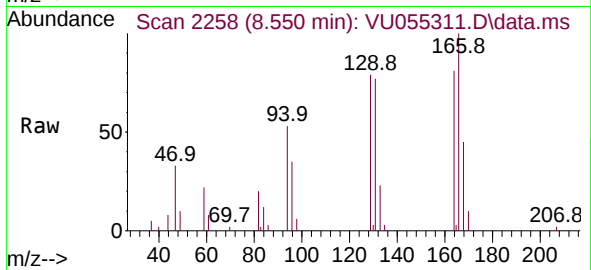
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



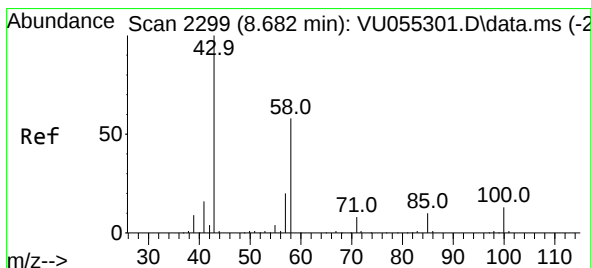
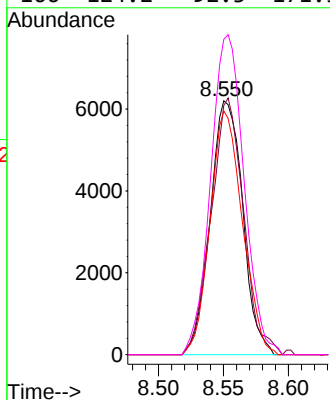
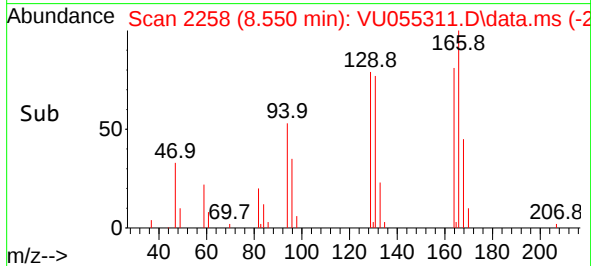


#47
Tetrachloroethene
Concen: 1.443 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055311.D
Acq: 14 Sep 2023 17:15

Instrument :
MSVOA_U
ClientSampleId :

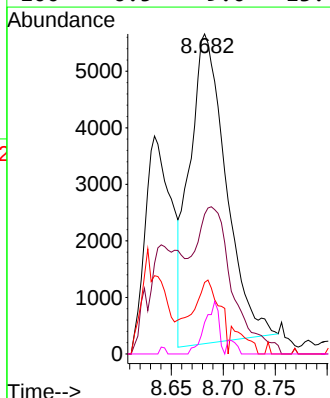
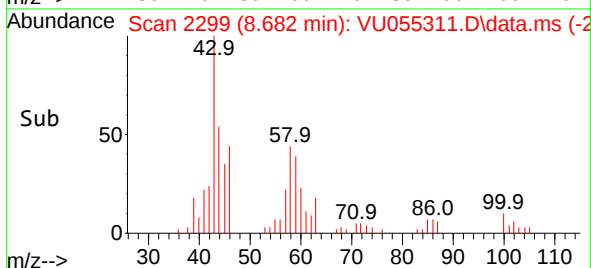
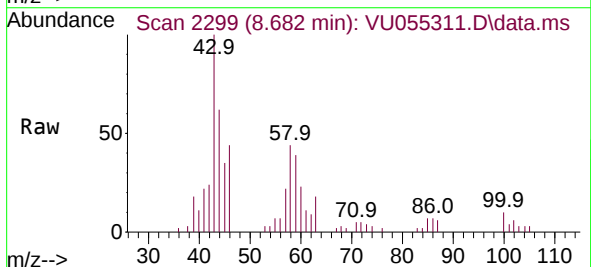


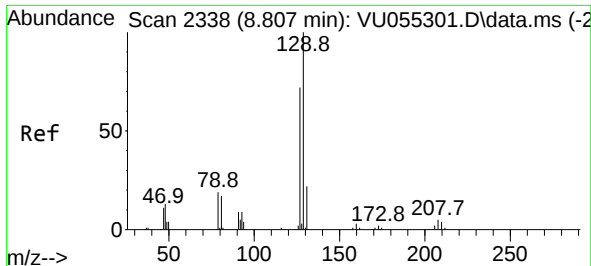
Tgt Ion:164 Resp: 10753
Ion Ratio Lower Upper
164 100
129 98.1 69.2 128.6
131 96.0 68.8 127.8
166 124.2 92.3 171.5



#48
2-Hexanone
Concen: 2.814 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055311.D
Acq: 14 Sep 2023 17:15

Tgt Ion: 43 Resp: 13278
Ion Ratio Lower Upper
43 100
58 46.0 44.0 66.0
57 18.4 16.2 24.2
100 6.5 9.0 13.4#





#49

Dibromochloromethane

Concen: 1.402 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055311.D

Acq: 14 Sep 2023 17:15

Instrument :

MSVOA_U

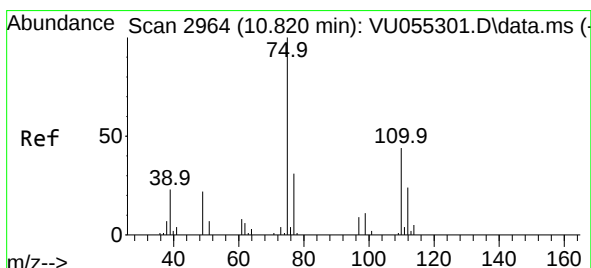
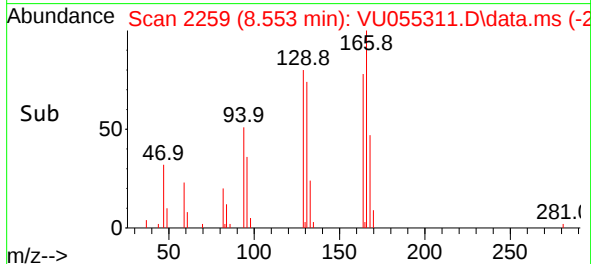
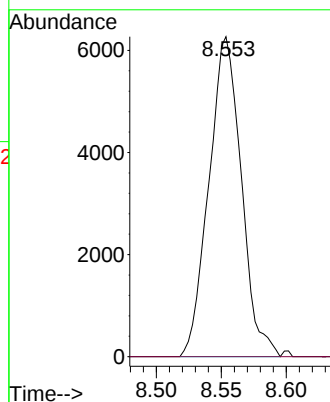
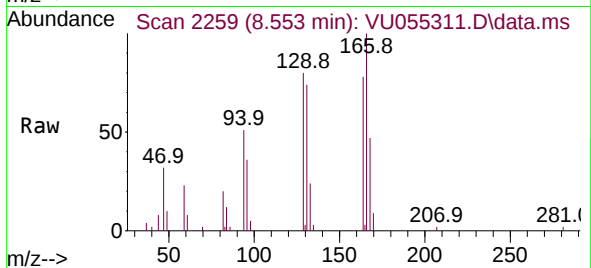
ClientSampleId :

Tgt Ion:129 Resp: 10884

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.033 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055311.D

Acq: 14 Sep 2023 17:15

Tgt Ion: 75 Resp: 11629

Ion Ratio Lower Upper

75 100

110 0.6 28.2 42.2#

77 32.3 26.2 39.4

