

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061900.D
 Acq On : 21 Nov 2024 06:32
 Operator : MD/SY
 Sample : P4875-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 11:56:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

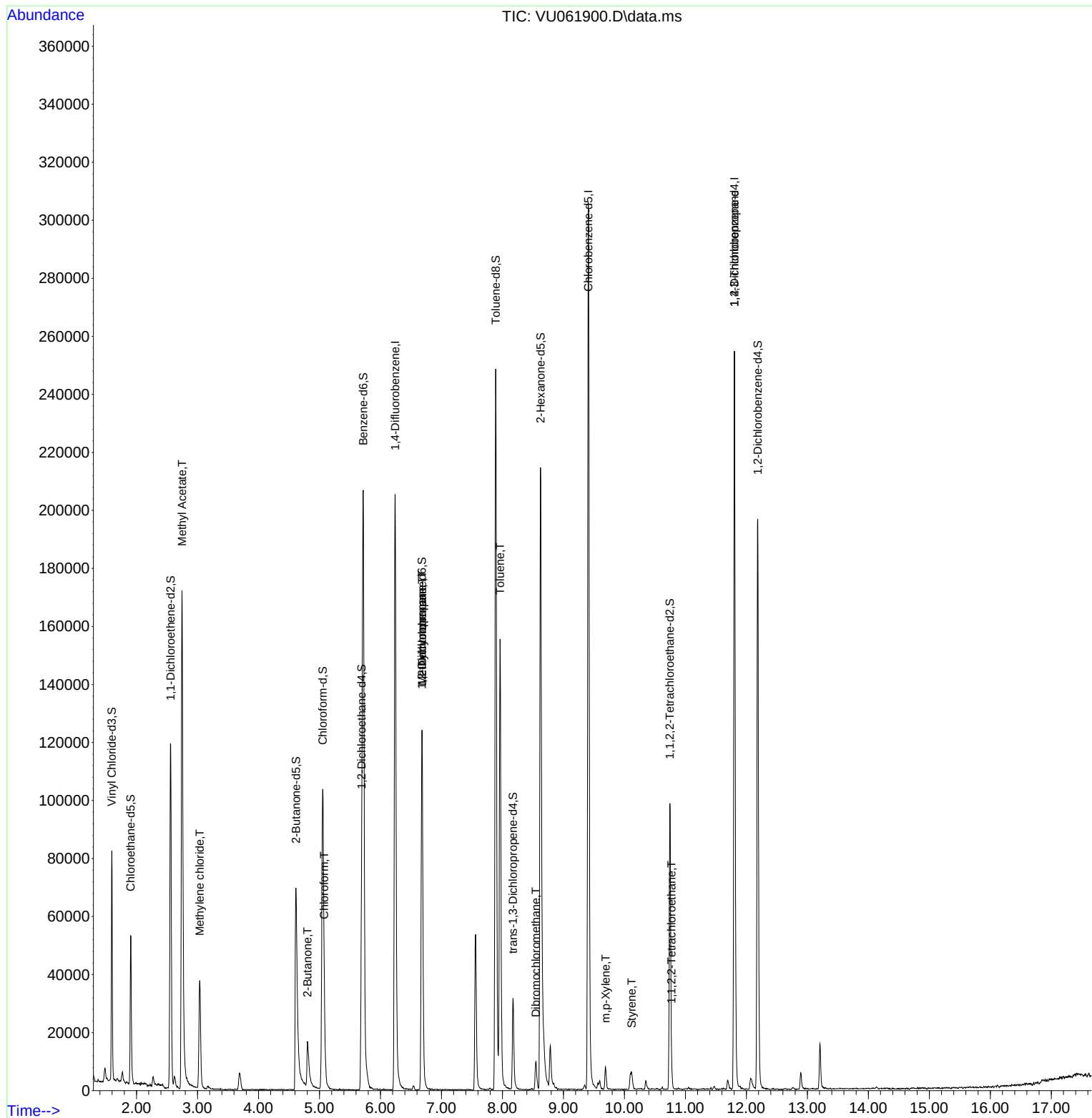
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175913	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67982	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54070	6.266	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	125.400%	
7) Chloroethane-d5	1.904	69	39153	5.129	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.600%	
11) 1,1-Dichloroethene-d2	2.560	65	23698	6.874	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	137.400%#	
20) 2-Butanone-d5	4.615	46	112463	41.505	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.000%	
24) Chloroform-d	5.052	84	99005	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.692	65	49530	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.717	84	199044	5.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.000%	
36) 1,2-Dichloropropane-d6	6.679	67	64407	5.570	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.891	98	176321	6.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.200%	
43) trans-1,3-Dichloroprop...	8.174	79	20040	4.682	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.624	63	76765	39.290	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.580%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50382	4.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	52381	5.211	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						Qvalue
15) Methyl Acetate	2.747	43	48012	9.994	ug/L #	51
16) Methylene chloride	3.036	84	19014	1.342	ug/L	97
21) 2-Butanone	4.804	43	23926	7.913	ug/L #	45
25) Chloroform	5.078	83	17254	0.679	ug/L	98
35) Methylcyclohexane	6.682	83	15036	0.698	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6417	0.468	ug/L #	87
42) Toluene	7.962	91	120324	2.174	ug/L	96
49) Dibromochloromethane	8.547	129	2177	0.204	ug/L #	13
53) m,p-Xylene	9.692	106	2421	0.104	ug/L	98
55) Styrene	10.119	104	3211	0.083	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.772	83	2346	0.181	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	9009	1.146	ug/L #	69

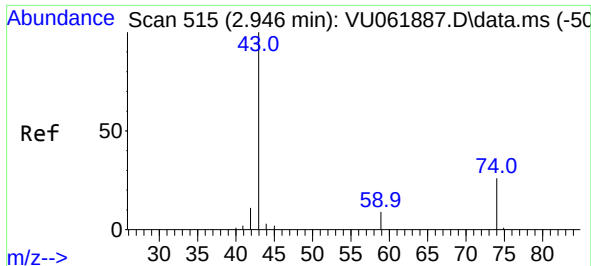
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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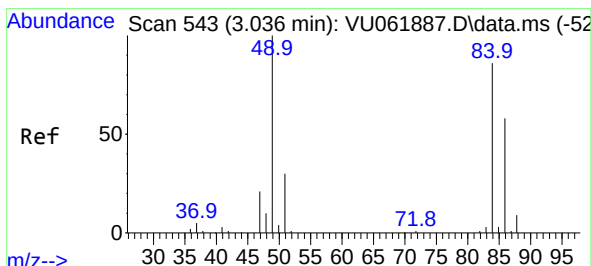
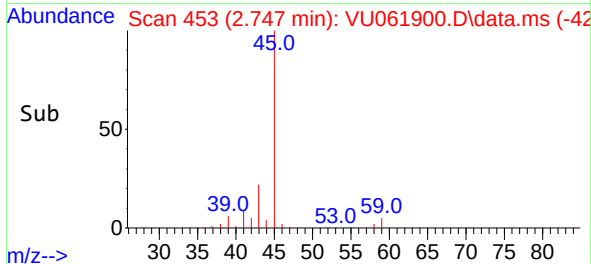
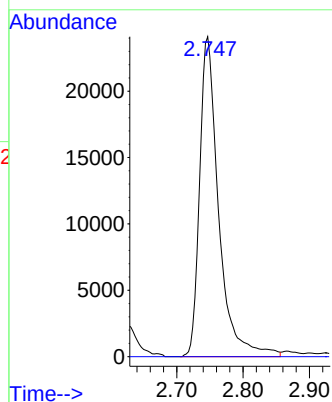
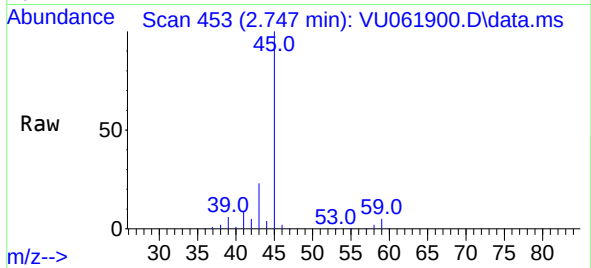




#15
Methyl Acetate
Concen: 9.994 ug/L
RT: 2.747 min Scan# 41
Delta R.T. -0.199 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

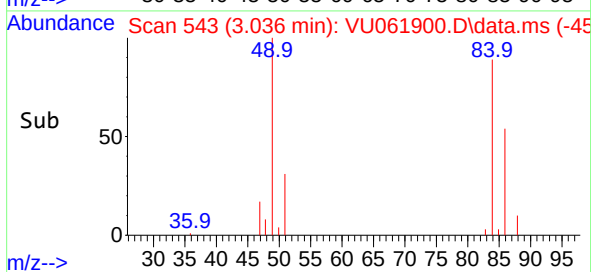
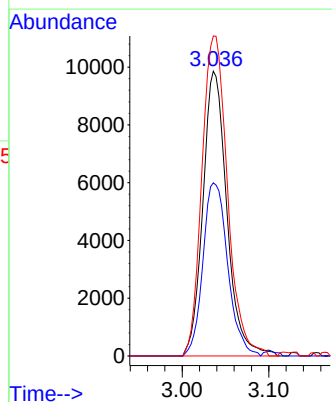
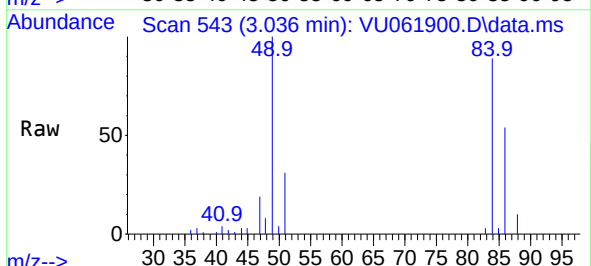
Instrument :
MSVOA_U
ClientSampleId :

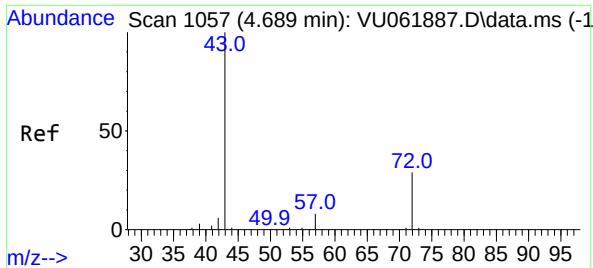
Tgt Ion: 43 Resp: 48012
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#16
Methylene chloride
Concen: 1.342 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Tgt Ion: 84 Resp: 19014
Ion Ratio Lower Upper
84 100
86 60.8 43.5 80.7
49 112.4 81.9 152.1

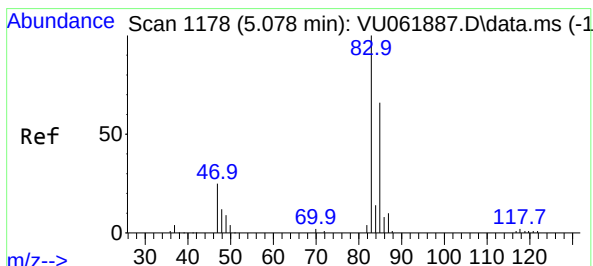
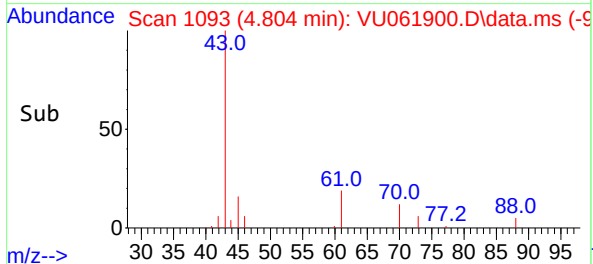
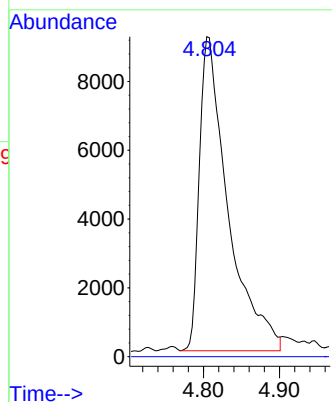
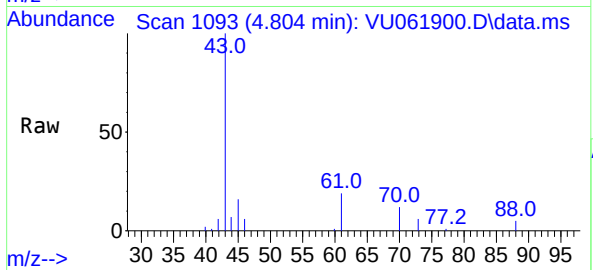




#21
2-Butanone
Concen: 7.913 ug/L
RT: 4.804 min Scan# 1093
Delta R.T. 0.116 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

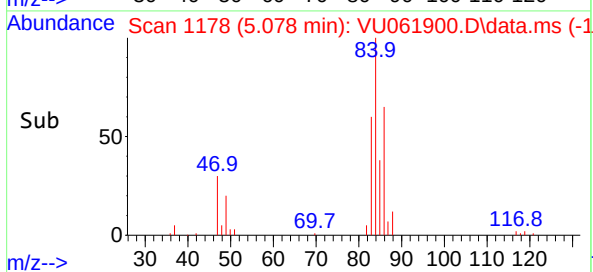
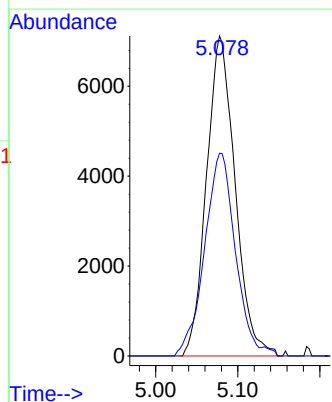
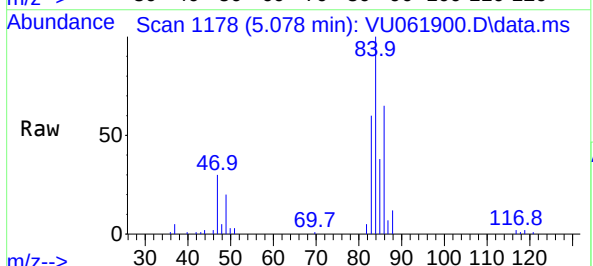
Instrument :
MSVOA_U
ClientSampleId :

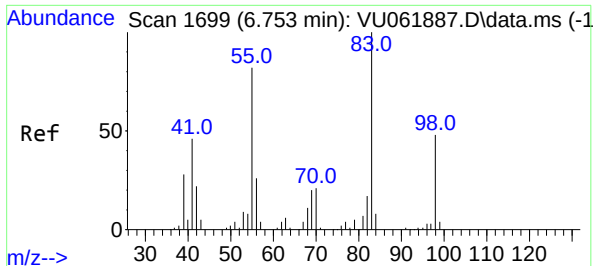
Tgt Ion: 43 Resp: 23926
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.4#



#25
Chloroform
Concen: 0.679 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Tgt Ion: 83 Resp: 17254
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.2

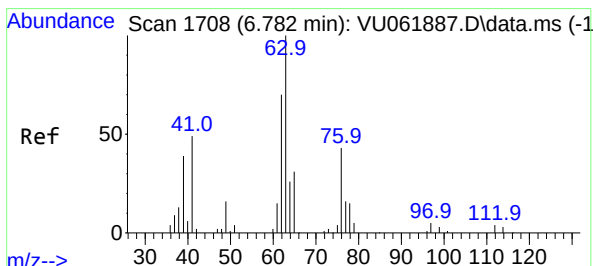
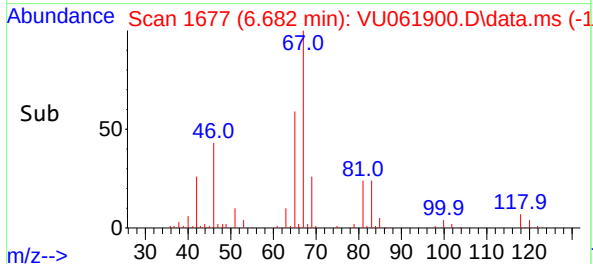
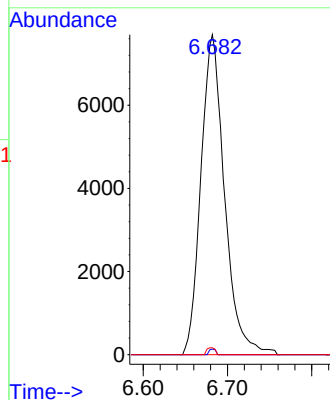
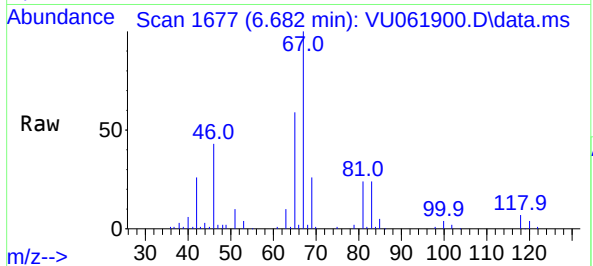




#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

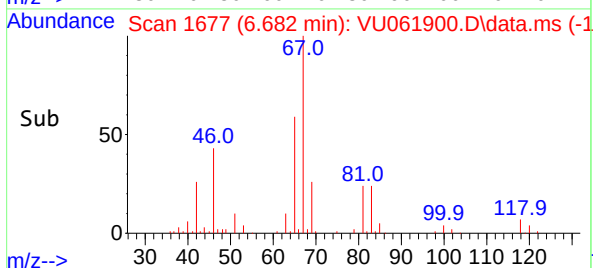
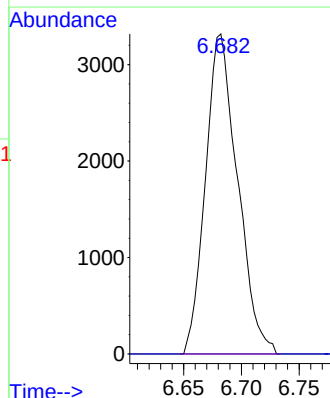
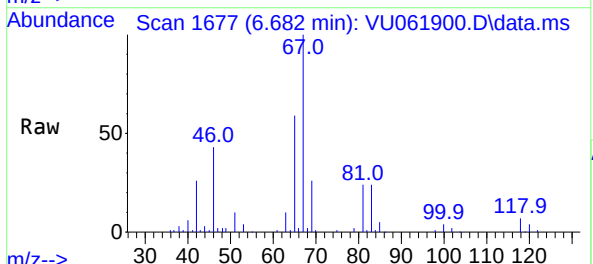
Instrument :
MSVOA_U
ClientSampleId :

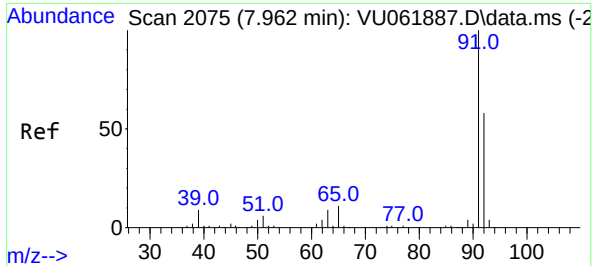
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.7	91.1#
98	0.8	34.8	52.2#



#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

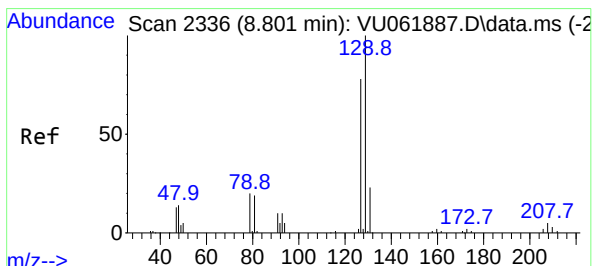
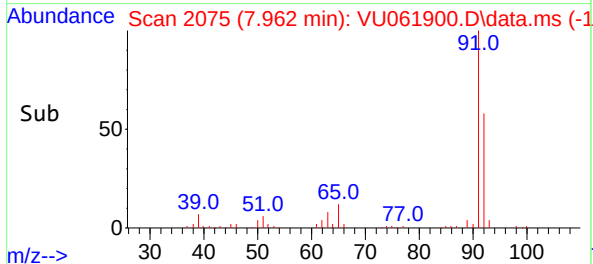
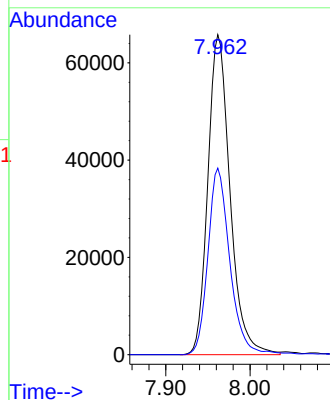
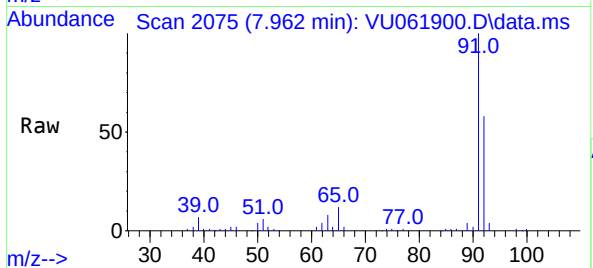




#42
Toluene
Concen: 2.174 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

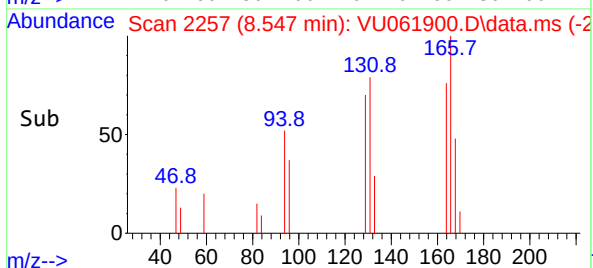
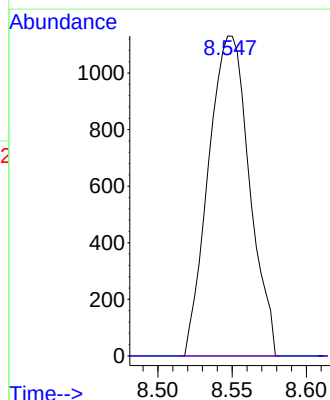
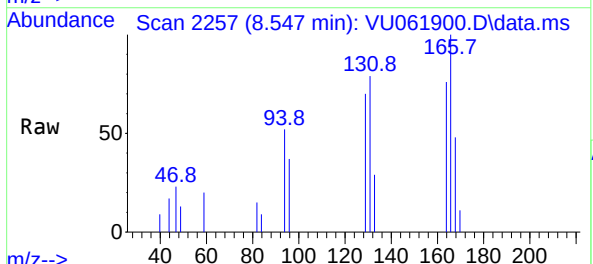
Instrument :
MSVOA_U
ClientSampleId :

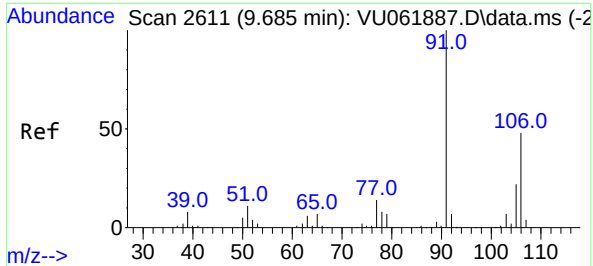
Tgt Ion: 91 Resp: 120324
Ion Ratio Lower Upper
91 100
92 58.3 39.0 72.4



#49
Dibromochloromethane
Concen: 0.204 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Tgt Ion: 129 Resp: 2177
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#

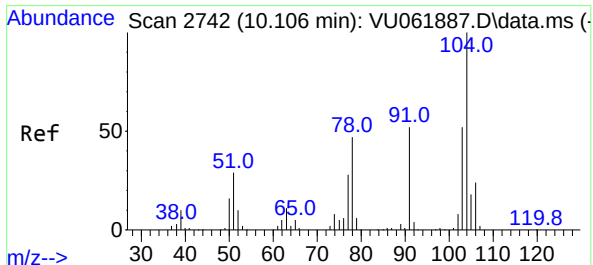
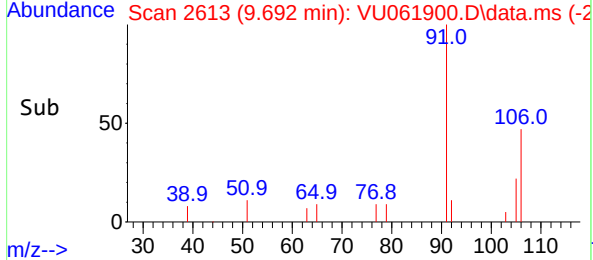
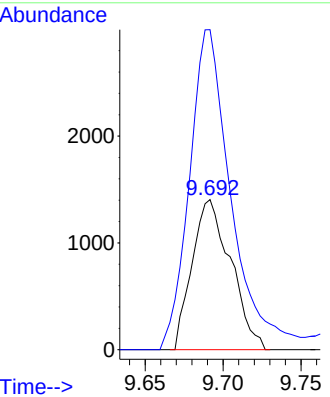
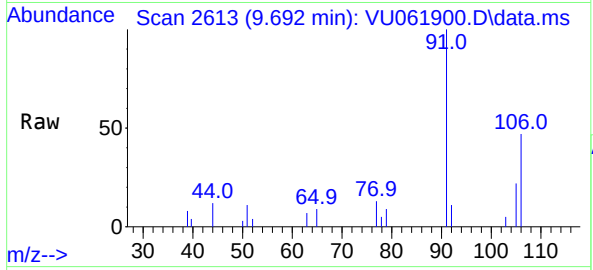




#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

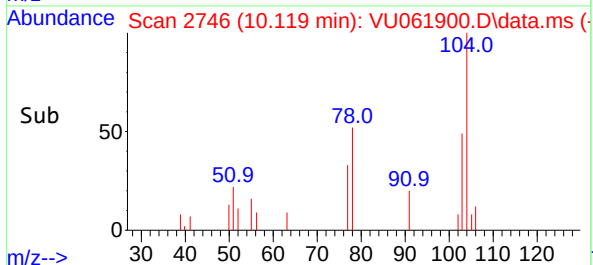
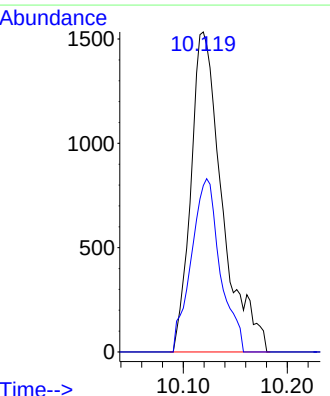
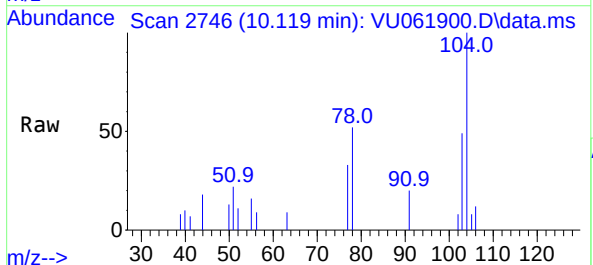
Instrument :
MSVOA_U
ClientSampleId :

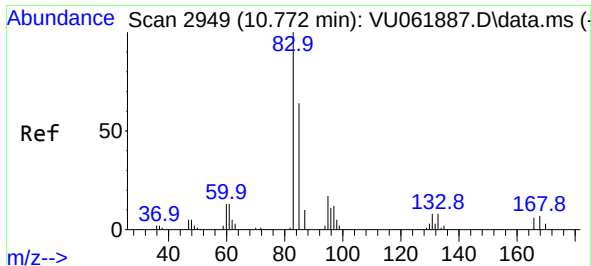
Tgt Ion:106 Resp: 2421
Ion Ratio Lower Upper
106 100
91 213.3 147.6 274.0



#55
Styrene
Concen: 0.083 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.013 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Tgt Ion:104 Resp: 3211
Ion Ratio Lower Upper
104 100
78 52.0 33.2 61.7

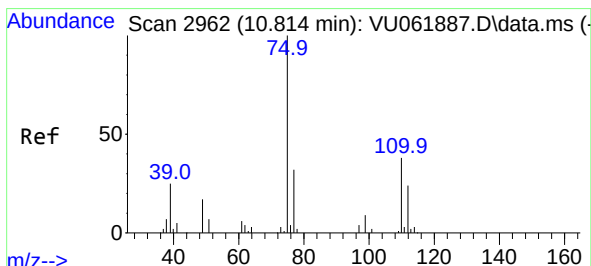
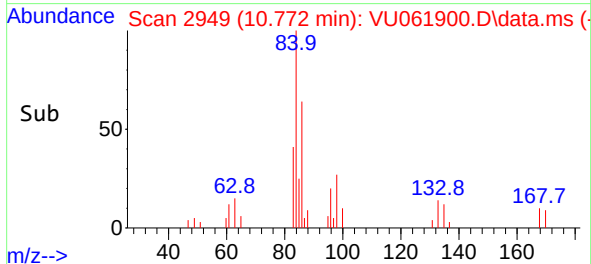
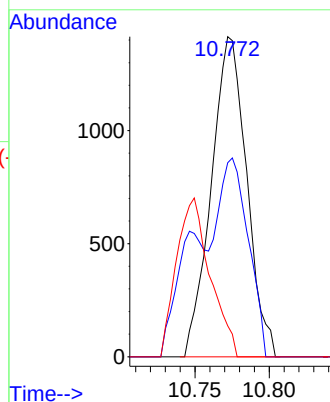
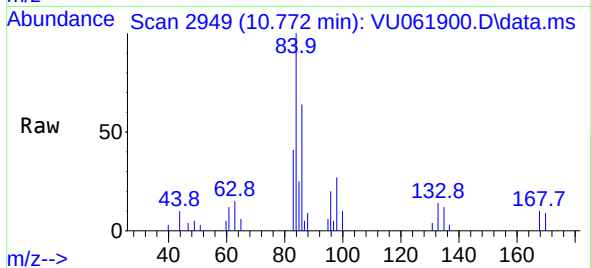




#57
1,1,2,2-Tetrachloroethane
Concen: 0.181 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	83	Resp:	2346
Ion	Ratio	Lower	Upper
83	100		
85	60.6	44.4	82.4
131	9.7	7.3	10.9



#61
1,2,3-Trichloropropane
Concen: 1.146 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061900.D
Acq: 21 Nov 2024 06:32

Tgt Ion:	75	Resp:	9009
Ion	Ratio	Lower	Upper
75	100		
110	1.5	28.9	43.3#
77	33.0	26.5	39.7

