

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061901.D
 Acq On : 21 Nov 2024 06:57
 Operator : MD/SY
 Sample : P4875-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 11:57:00 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)

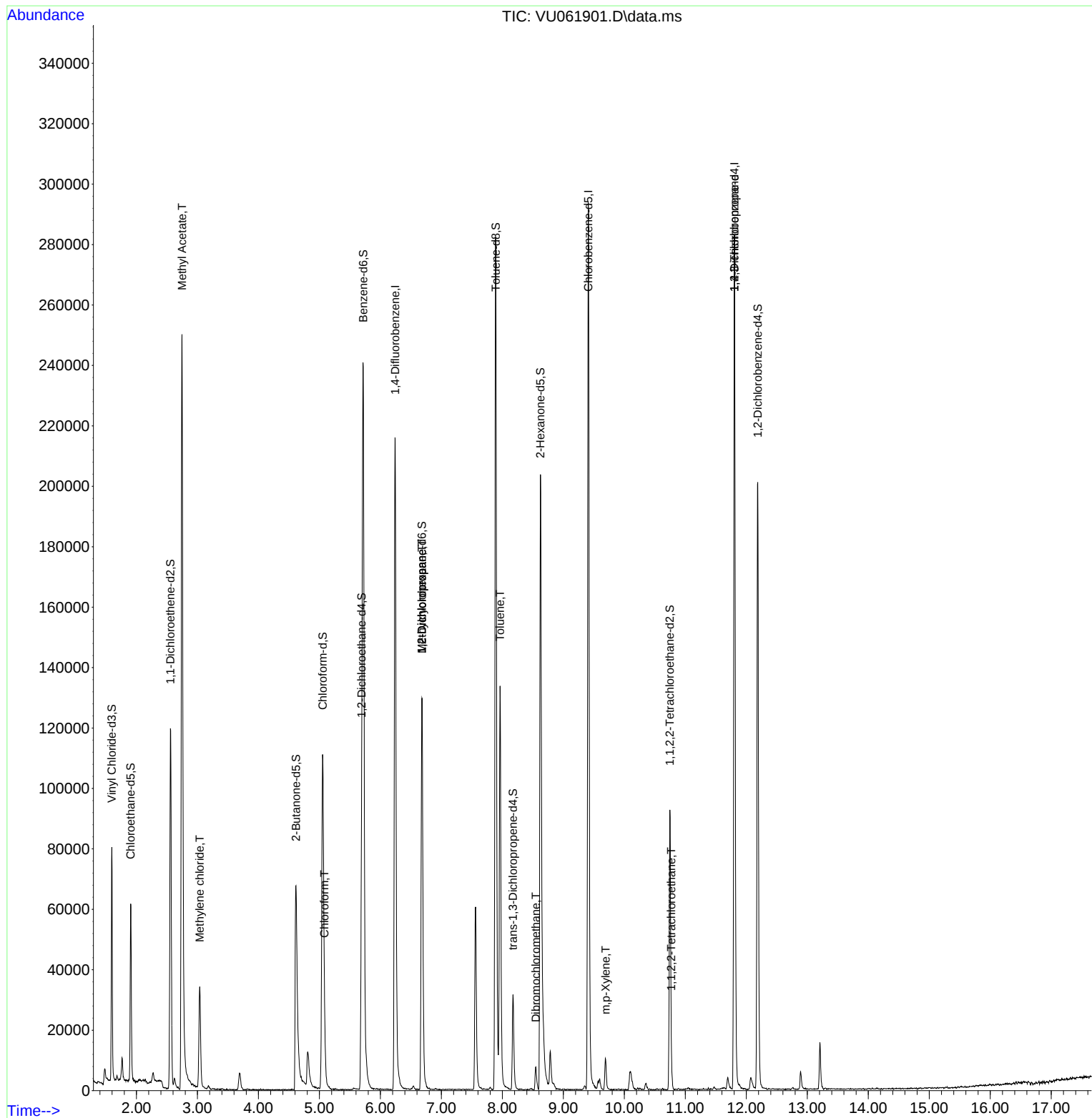
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53070	5.887	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.800%	
7) Chloroethane-d5	1.905	69	42481	5.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.557	65	23226	6.449	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	129.000%#	
20) 2-Butanone-d5	4.615	46	106846	37.743	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.480%	
24) Chloroform-d	5.052	84	101694	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.692	65	60989	5.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.718	84	233722	7.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	147.400%#	
36) 1,2-Dichloropropane-d6	6.679	67	68162	6.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	126.400%	
41) Toluene-d8	7.891	98	196387	7.420	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	148.400%#	
43) trans-1,3-Dichloroprop...	8.174	79	18898	4.734	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.621	63	70303	38.587	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.180%	
56) 1,1,2,2-Tetrachloroeth...	10.747	84	45685	4.240	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	53908	4.745	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						Qvalue
15) Methyl Acetate	2.747	43	71326	14.212	ug/L #	51
16) Methylene chloride	3.036	84	16441	1.111	ug/L	98
25) Chloroform	5.081	83	15929	0.600	ug/L	92
35) Methylcyclohexane	6.679	83	15712	0.782	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	7319	0.573	ug/L #	87
42) Toluene	7.962	91	100636	1.950	ug/L	98
49) Dibromochloromethane	8.547	129	1710	0.172	ug/L #	13
53) m,p-Xylene	9.692	106	3251	0.149	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.769	83	1908	0.158	ug/L #	92
61) 1,2,3-Trichloropropane	11.804	75	9973	1.123	ug/L #	69

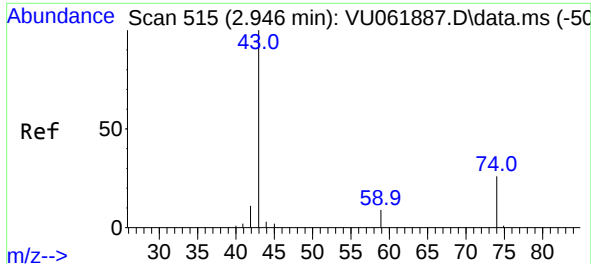
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 14.212 ug/L

RT: 2.747 min Scan# 41

Delta R.T. -0.199 min

Lab File: VU061901.D

Acq: 21 Nov 2024 06:57

Instrument :

MSVOA_U

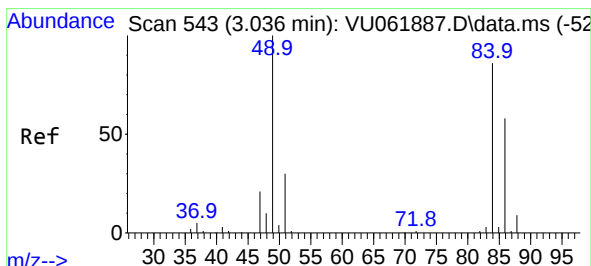
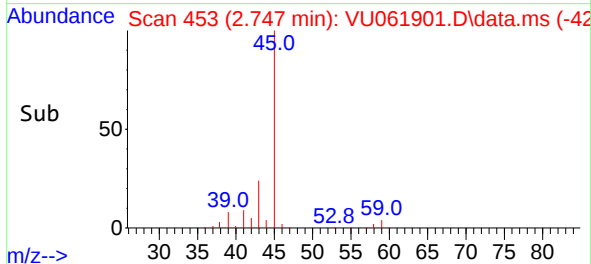
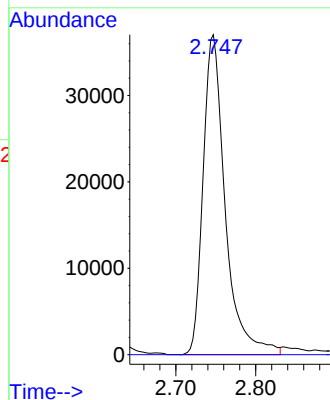
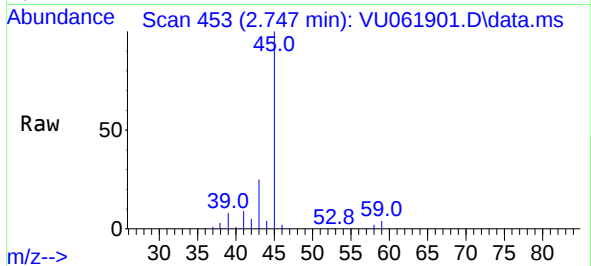
ClientSampleId :

Tgt Ion: 43 Resp: 71326

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#16

Methylene chloride

Concen: 1.111 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU061901.D

Acq: 21 Nov 2024 06:57

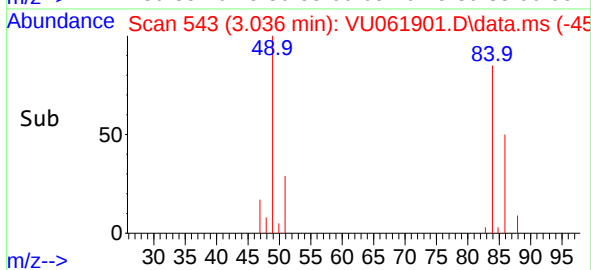
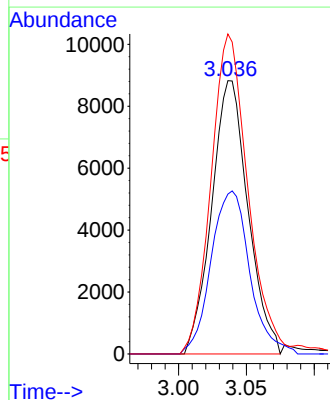
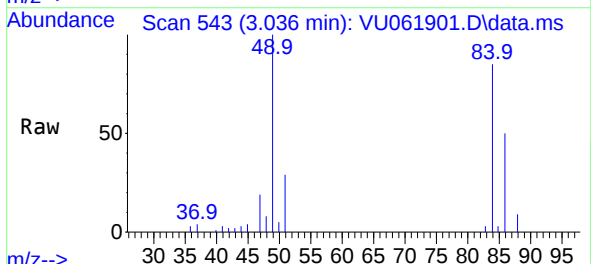
Tgt Ion: 84 Resp: 16441

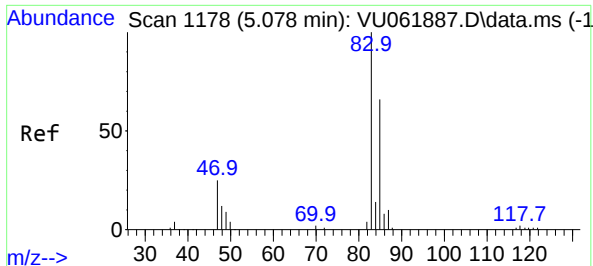
Ion Ratio Lower Upper

84 100

86 58.5 43.5 80.7

49 117.1 81.9 152.1

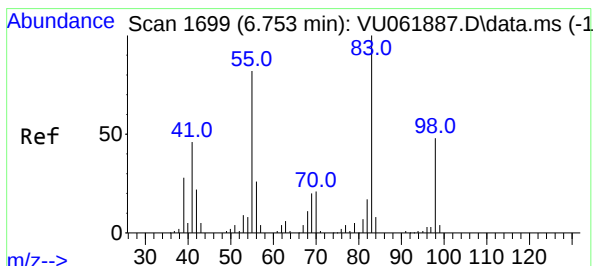
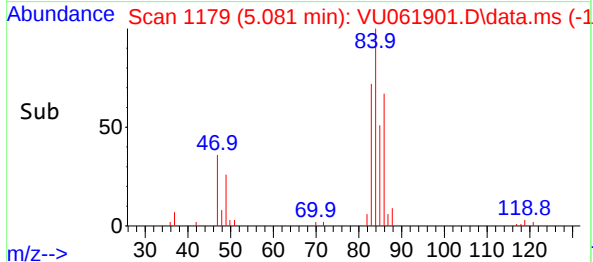
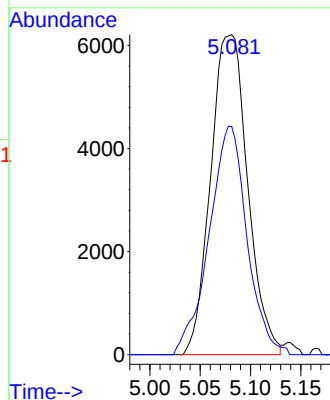
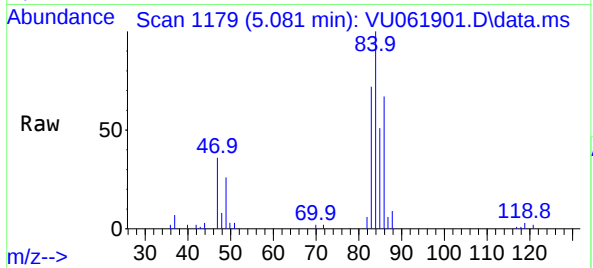




#25
Chloroform
Concen: 0.600 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.004 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

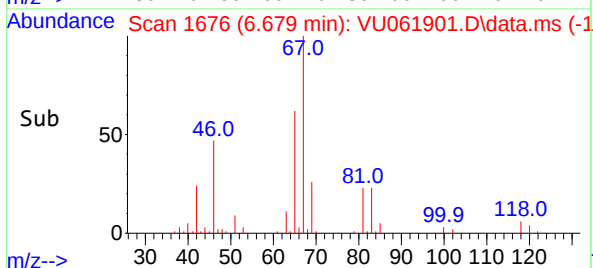
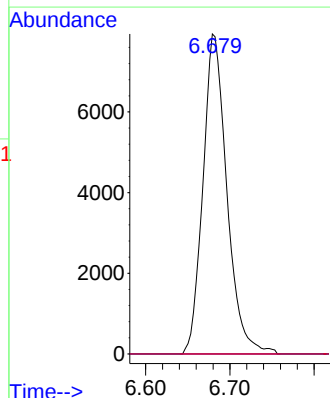
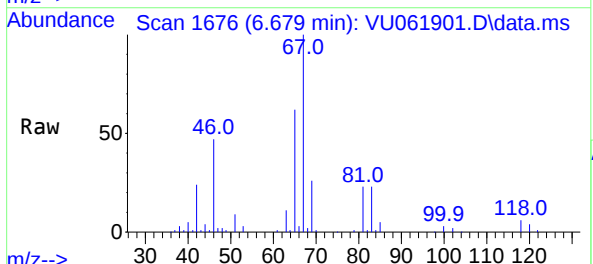
Instrument :
MSVOA_U
ClientSampleId :

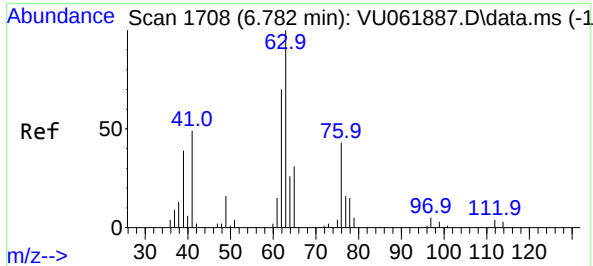
Tgt Ion: 83 Resp: 15929
Ion Ratio Lower Upper
83 100
85 71.3 45.4 84.2



#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

Tgt Ion: 83 Resp: 15712
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#

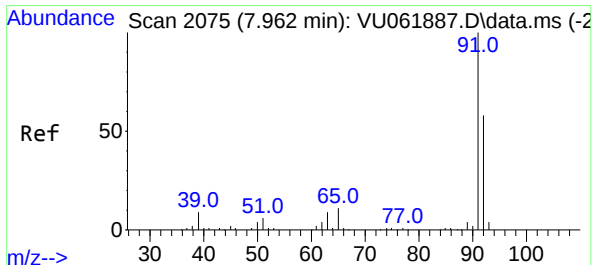
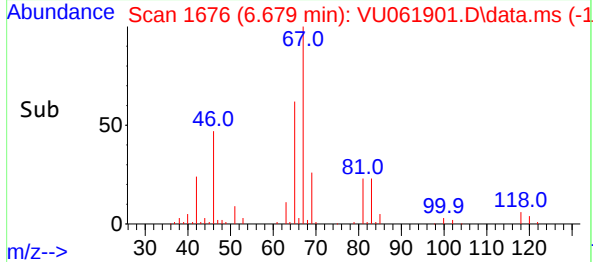
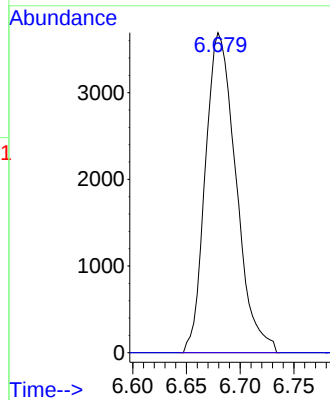
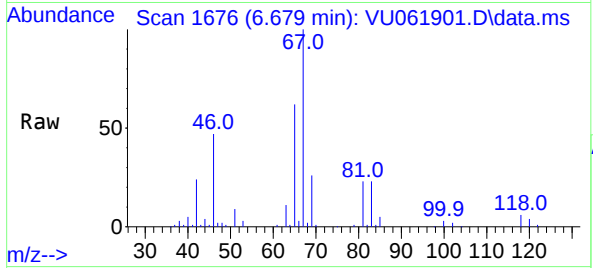




#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.102 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

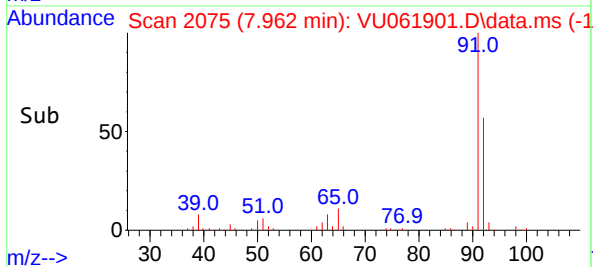
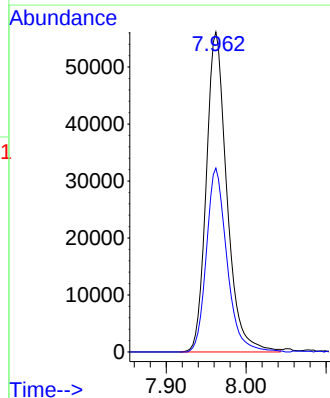
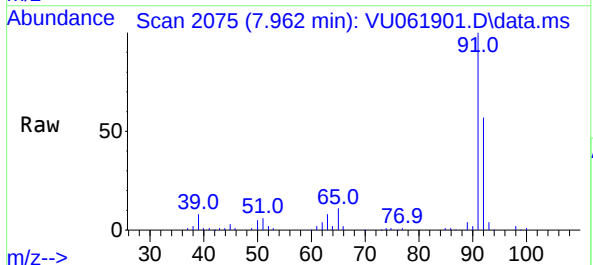
Instrument :
MSVOA_U
ClientSampleId :

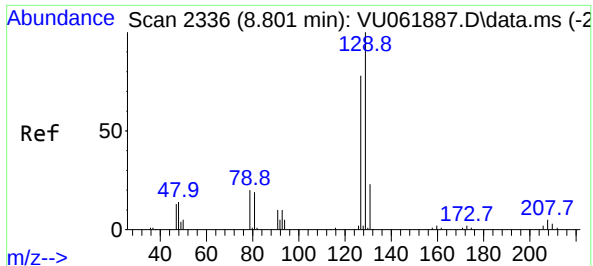
Tgt Ion: 63 Resp: 7319
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 1.950 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

Tgt Ion: 91 Resp: 100636
Ion Ratio Lower Upper
91 100
92 57.5 39.0 72.4

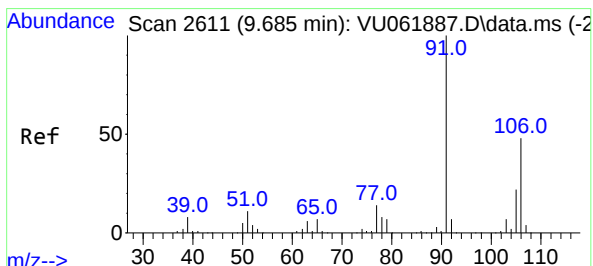
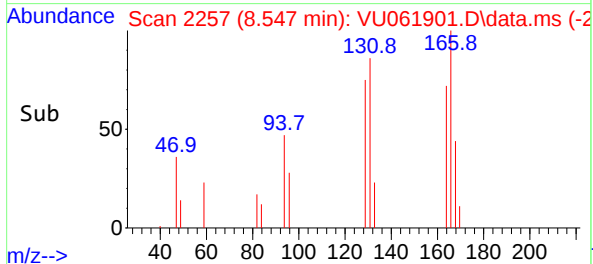
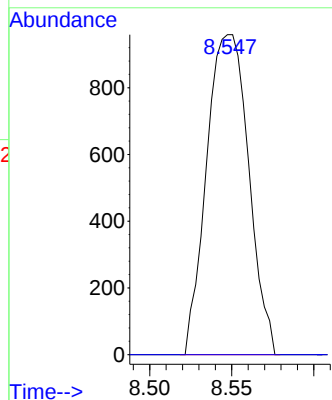
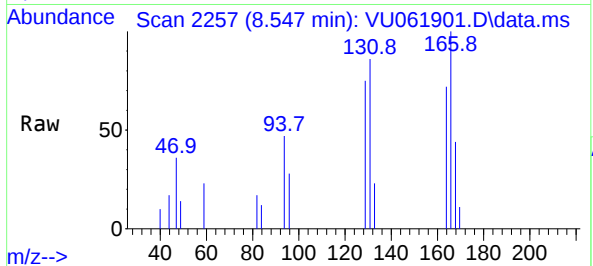




#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

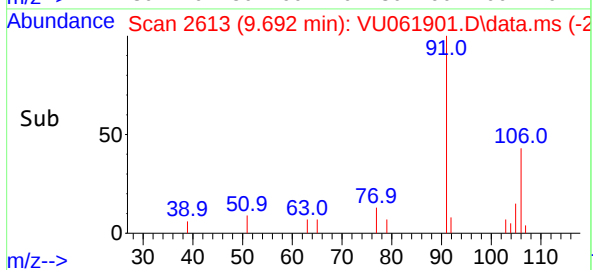
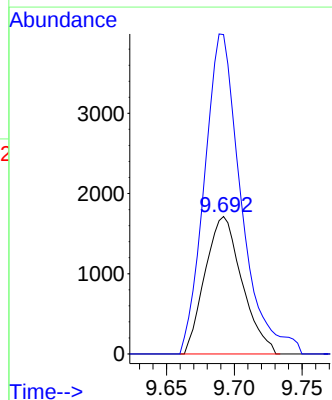
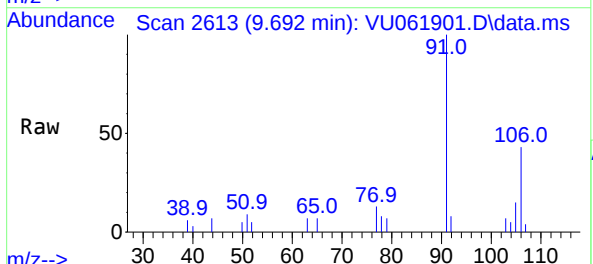
Instrument :
MSVOA_U
ClientSampleId :

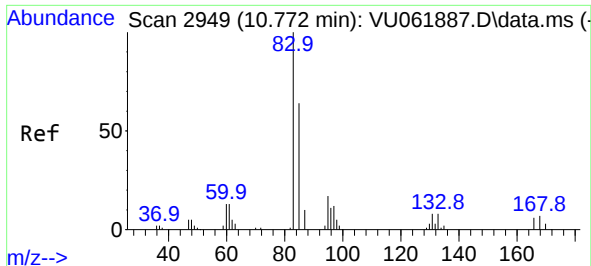
Tgt Ion:129 Resp: 1710
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#



#53
m,p-Xylene
Concen: 0.149 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

Tgt Ion:106 Resp: 3251
Ion Ratio Lower Upper
106 100
91 232.5 147.6 274.0

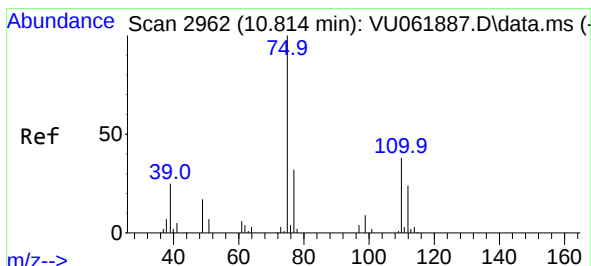
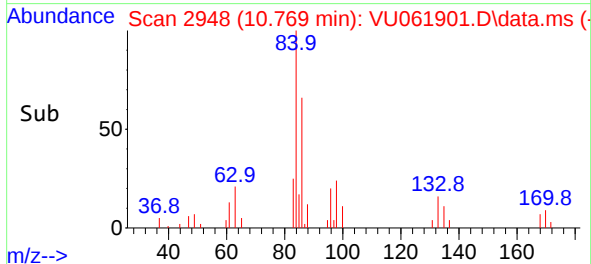
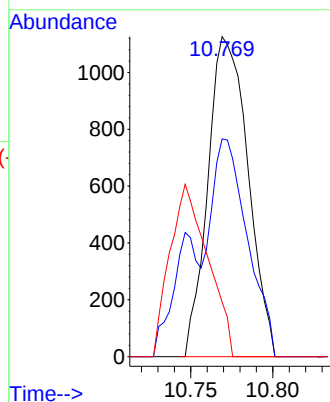
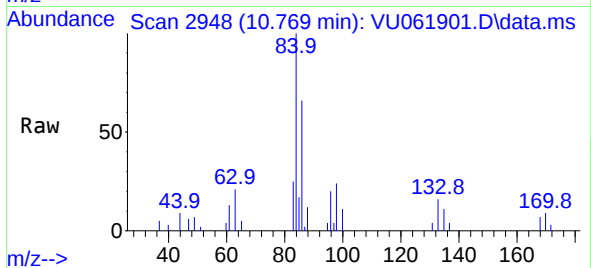




#57
1,1,2,2-Tetrachloroethane
Concen: 0.158 ug/L
RT: 10.769 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1908
Ion Ratio Lower Upper
83 100
85 68.0 44.4 82.4
131 17.1 7.3 10.9#



#61
1,2,3-Trichloropropane
Concen: 1.123 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU061901.D
Acq: 21 Nov 2024 06:57

Tgt Ion: 75 Resp: 9973
Ion Ratio Lower Upper
75 100
110 1.9 28.9 43.3#
77 33.4 26.5 39.7

