

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061917.D
 Acq On : 21 Nov 2024 14:58
 Operator : MD/SY
 Sample : P4885-10DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:08:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

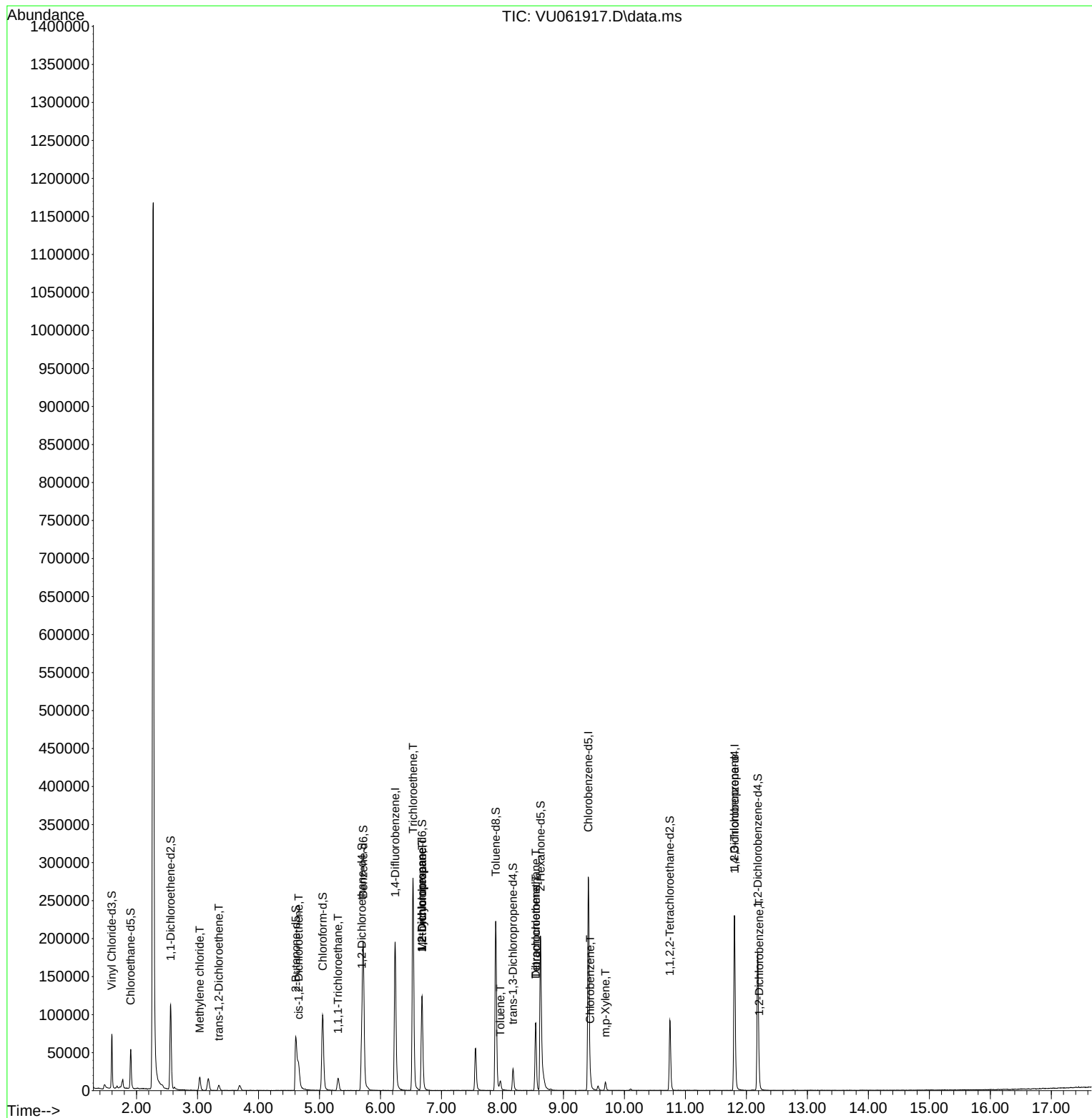
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47494	5.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.000%
7) Chloroethane-d5	1.904	69	39555	5.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.560	65	20958	6.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	131.400%#
20) 2-Butanone-d5	4.611	46	105119	41.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.840%
24) Chloroform-d	5.052	84	95209	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.695	65	50111	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.717	84	185472	5.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.400%
36) 1,2-Dichloropropane-d6	6.682	67	59710	5.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.891	98	157350	5.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
43) trans-1,3-Dichloroprop...	8.174	79	18910	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.624	63	73072	40.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.600%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48692	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	49244	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	8613	0.657	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	2961	0.257	ug/L	80
22) cis-1,2-Dichloroethene	4.660	96	13861	1.067	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	11540	0.618	ug/L	99
34) Trichloroethene	6.534	95	98744	7.558	ug/L	98
35) Methylcyclohexane	6.682	83	14401	0.721	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	6387	0.502	ug/L #	87
42) Toluene	7.965	91	10004	0.195	ug/L	92
47) Tetrachloroethene	8.547	164	20656	2.174	ug/L	94
49) Dibromochloromethane	8.547	129	20774	2.099	ug/L #	13
51) Chlorobenzene	9.441	112	6452	0.183	ug/L	97
53) m,p-Xylene	9.688	106	3320	0.153	ug/L	87
61) 1,2,3-Trichloropropane	11.804	75	8322	1.145	ug/L #	68
67) 1,2-Dichlorobenzene	12.209	146	3963	0.209	ug/L	96

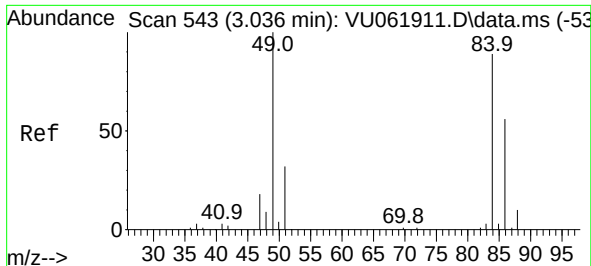
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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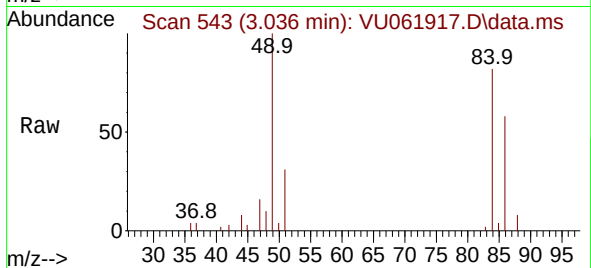
Quant Time: Nov 21 23:08:44 2024
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Quant Title : TRACE VOA SFAM1.0
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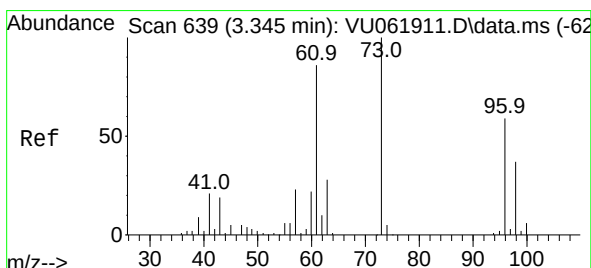
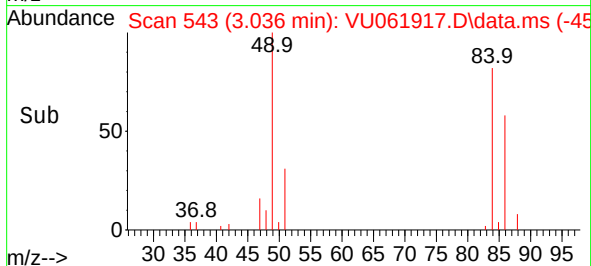
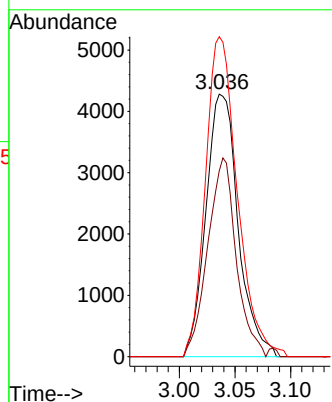
#16
Methylene chloride
Concen: 0.657 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 8613

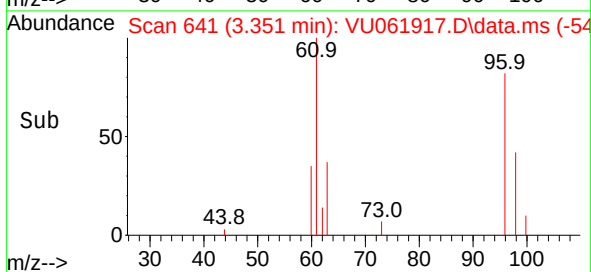
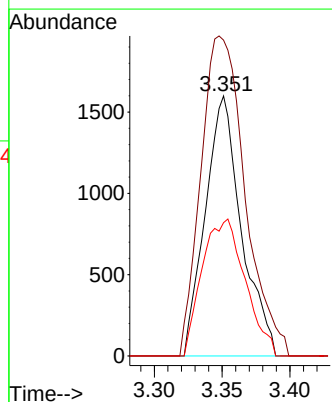
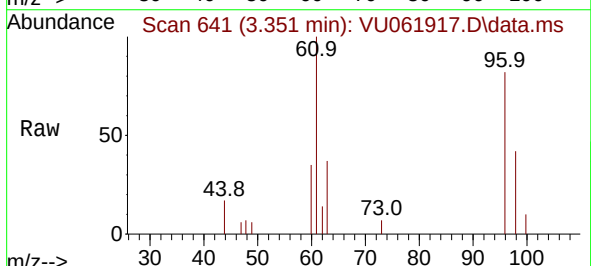
Ion	Ratio	Lower	Upper
84	100		
86	70.7	43.5	80.7
49	121.9	81.9	152.1

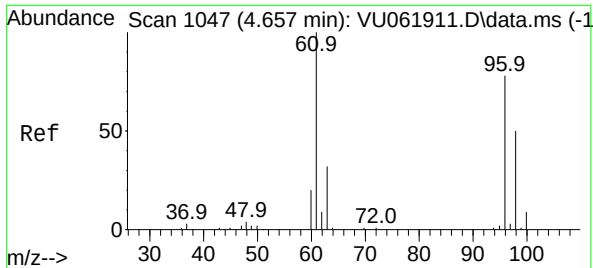


#18
trans-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

Tgt Ion: 96 Resp: 2961

Ion	Ratio	Lower	Upper
96	100		
61	121.5	104.2	193.4
98	51.3	45.7	84.9

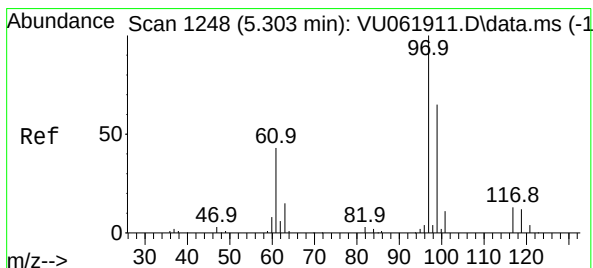
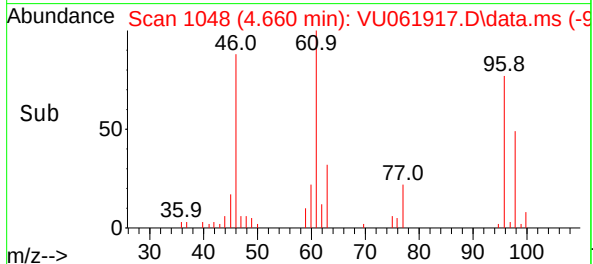
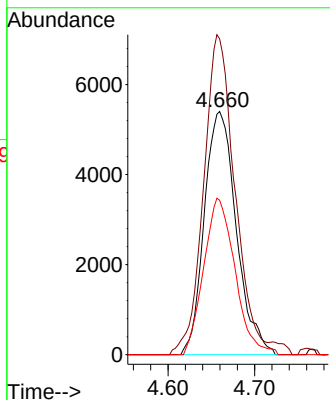
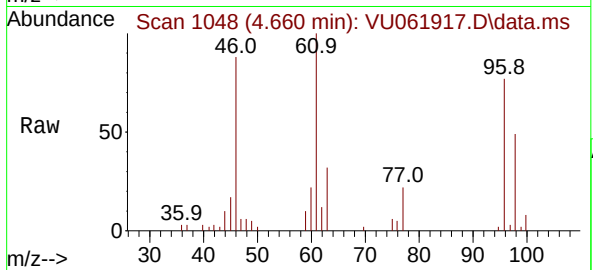




#22
 cis-1,2-Dichloroethene
 Concen: 1.067 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061917.D
 Acq: 21 Nov 2024 14:58

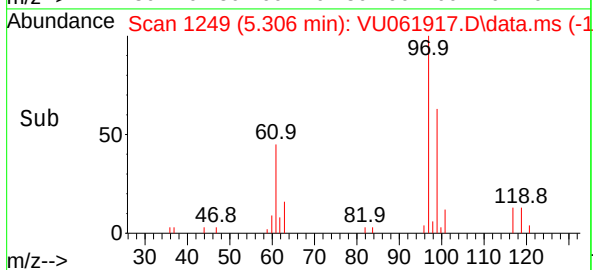
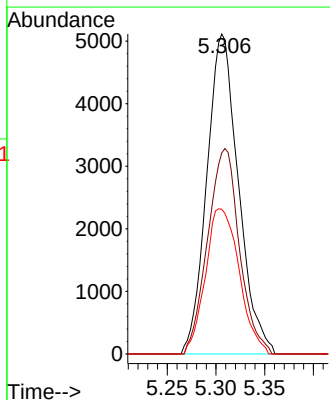
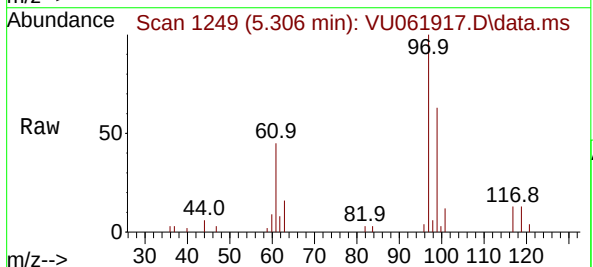
Instrument :
 MSVOA_U
 ClientSampleId :

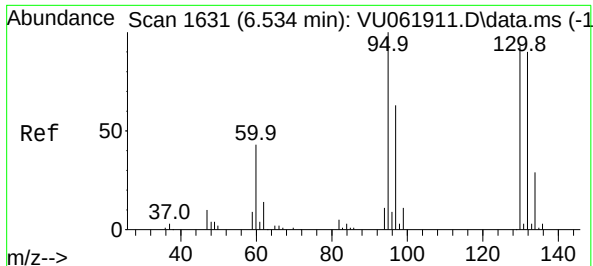
Tgt Ion: 96 Resp: 13861
 Ion Ratio Lower Upper
 96 100
 61 129.8 92.0 170.8
 98 63.5 44.5 82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.618 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061917.D
 Acq: 21 Nov 2024 14:58

Tgt Ion: 97 Resp: 11540
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.4 77.2
 61 48.5 37.8 56.6

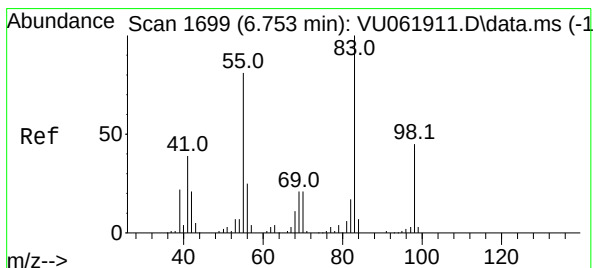
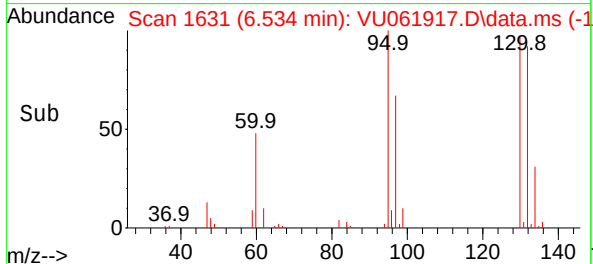
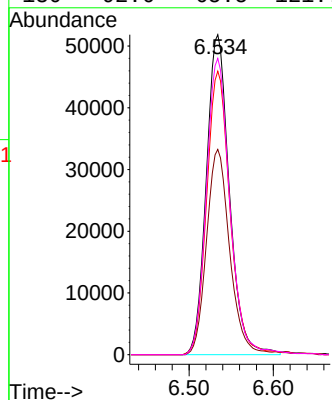
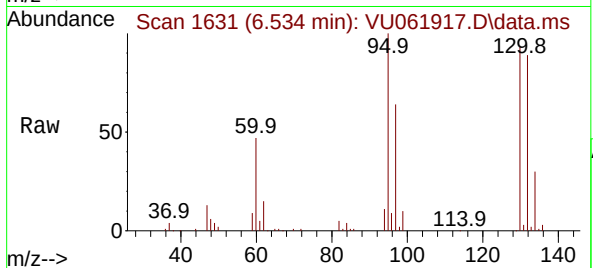




#34
Trichloroethene
Concen: 7.558 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

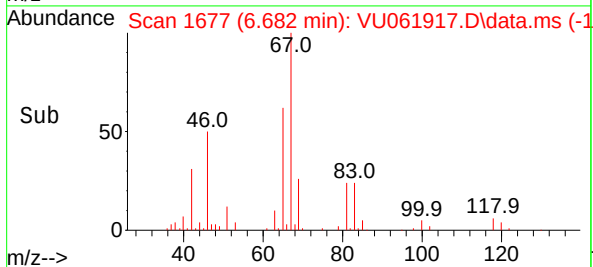
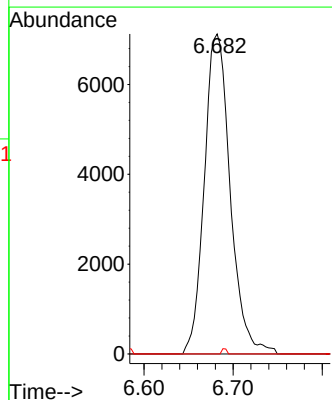
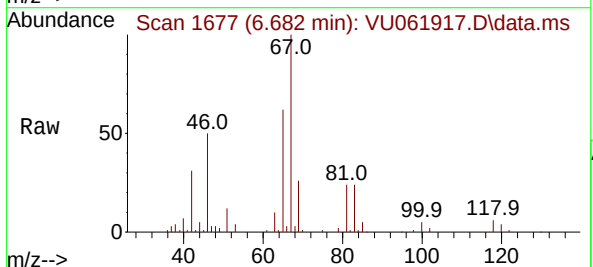
Instrument :
MSVOA_U
ClientSampleId :

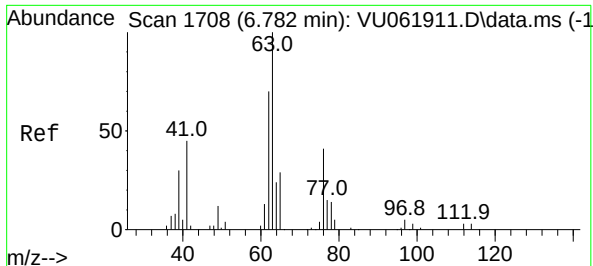
Tgt Ion: 95 Resp: 98744
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 88.6 63.8 118.4
130 92.6 65.5 121.7



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

Tgt Ion: 83 Resp: 14401
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.5 34.8 52.2#

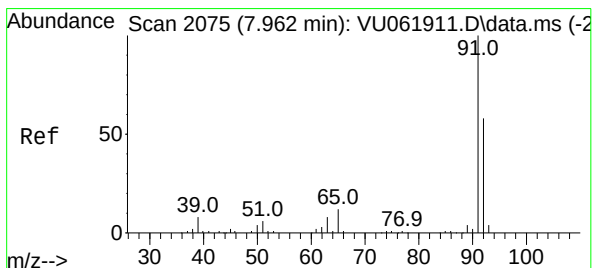
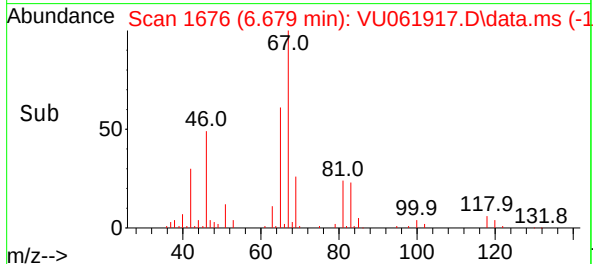
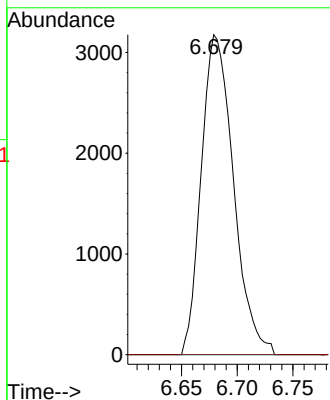
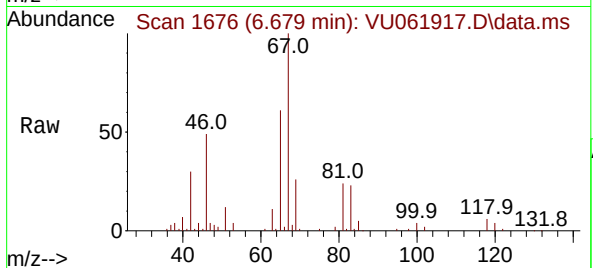




#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

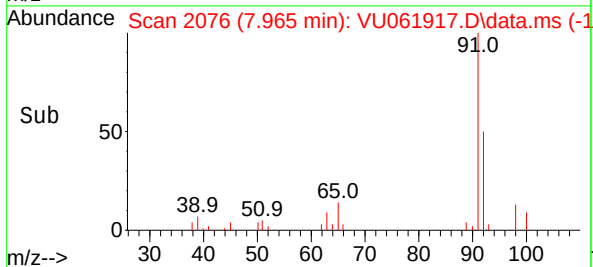
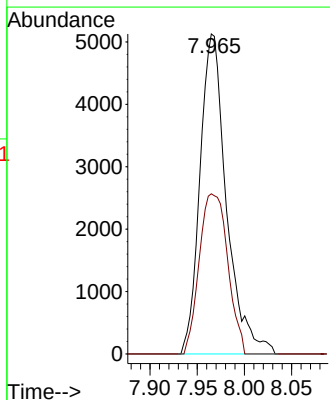
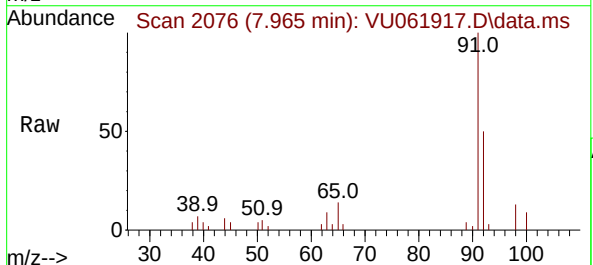
Instrument :
MSVOA_U
ClientSampleId :

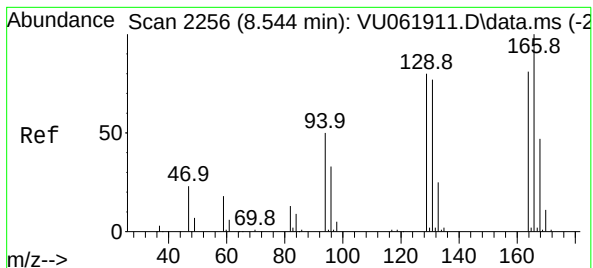
Tgt Ion: 63 Resp: 6387
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.195 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

Tgt Ion: 91 Resp: 10004
Ion Ratio Lower Upper
91 100
92 50.0 39.0 72.4





#47

Tetrachloroethene

Concen: 2.174 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

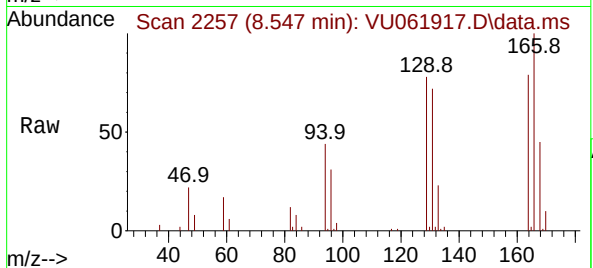
Lab File: VU061917.D

Acq: 21 Nov 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 20656

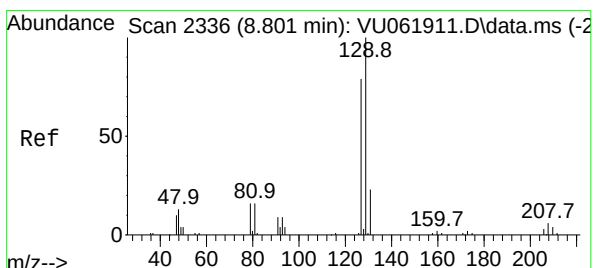
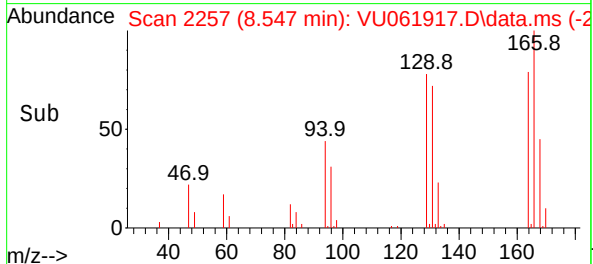
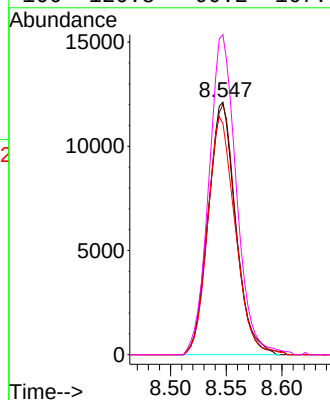
Ion Ratio Lower Upper

164 100

129 99.2 73.2 136.0

131 91.6 72.3 134.3

166 126.8 90.2 167.4



#49

Dibromochloromethane

Concen: 2.099 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU061917.D

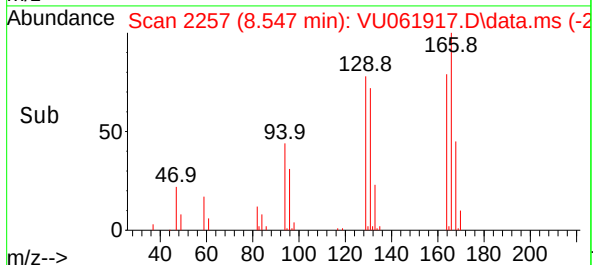
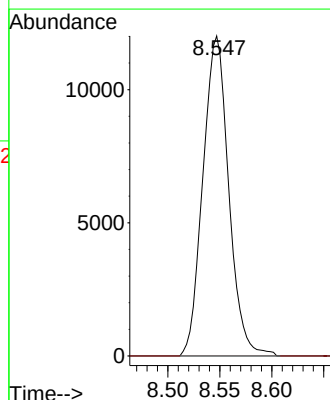
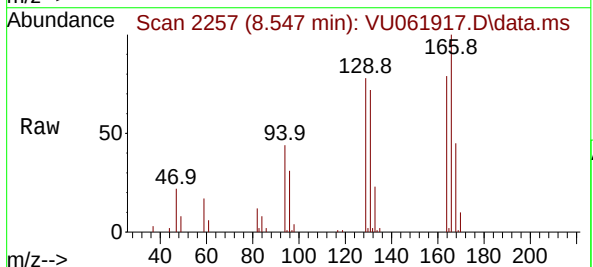
Acq: 21 Nov 2024 14:58

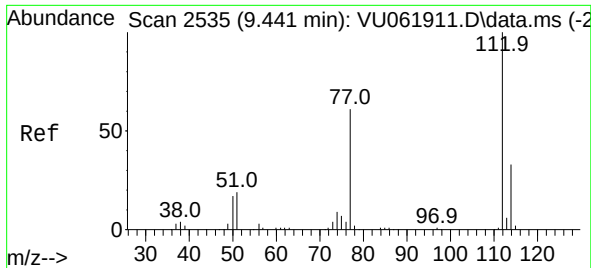
Tgt Ion:129 Resp: 20774

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#





#51

Chlorobenzene

Concen: 0.183 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU061917.D

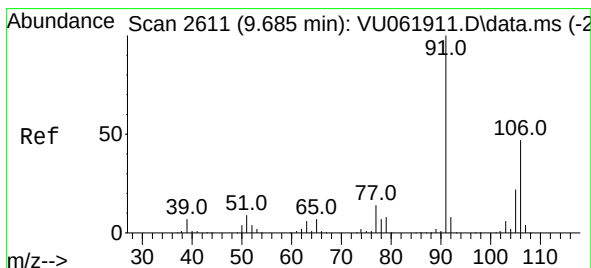
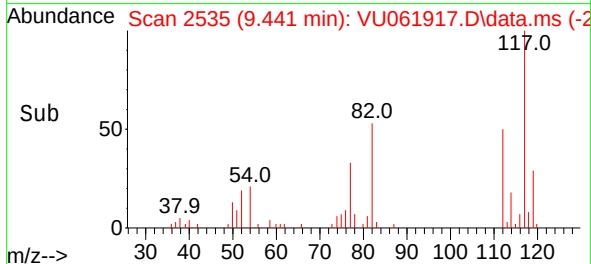
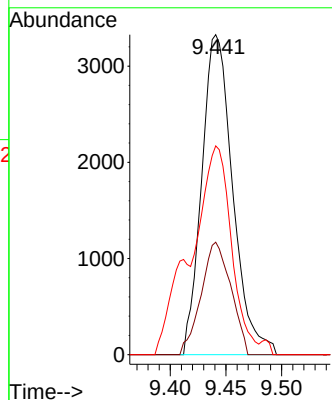
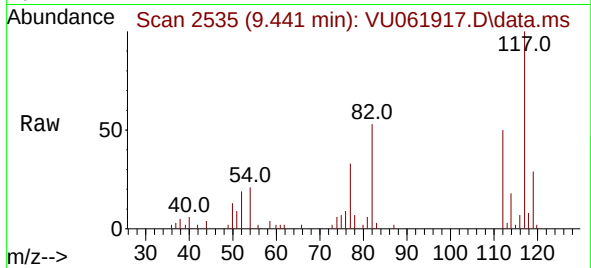
Acq: 21 Nov 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:112	Resp:	6452
Ion Ratio	Lower	Upper
112	100	
114	35.1	23.0 42.6
77	65.3	50.5 75.7



#53

m,p-Xylene

Concen: 0.153 ug/L

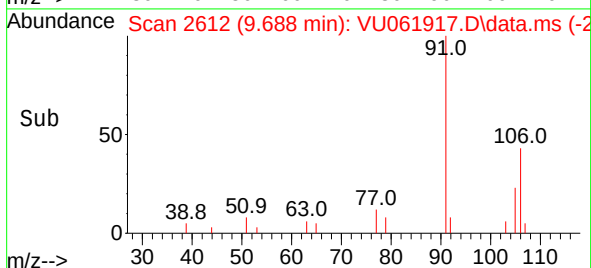
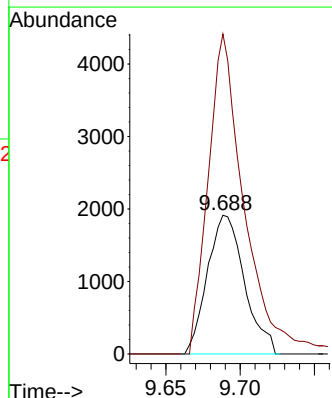
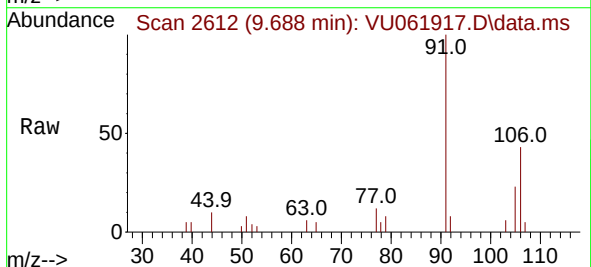
RT: 9.688 min Scan# 2612

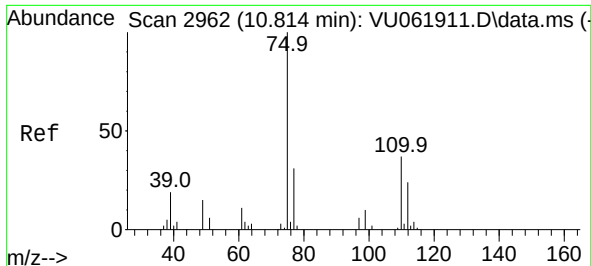
Delta R.T. 0.003 min

Lab File: VU061917.D

Acq: 21 Nov 2024 14:58

Tgt Ion:106	Resp:	3320
Ion Ratio	Lower	Upper
106	100	
91	230.7	147.6 274.0

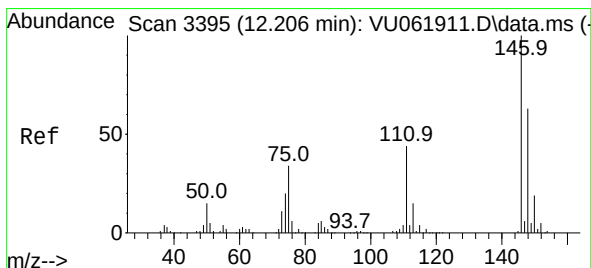
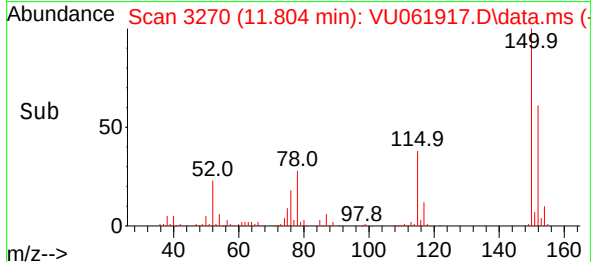
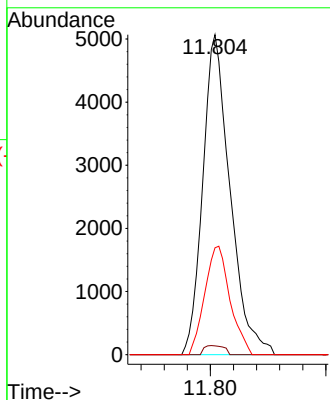
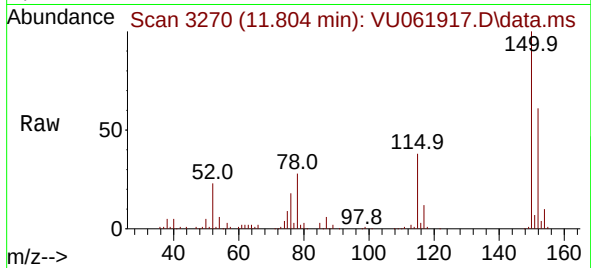




#61
1,2,3-Trichloropropane
Concen: 1.145 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 8322
Ion Ratio Lower Upper
75 100
110 2.1 28.9 43.3#
77 31.3 26.5 39.7



#67
1,2-Dichlorobenzene
Concen: 0.209 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU061917.D
Acq: 21 Nov 2024 14:58

Tgt Ion: 146 Resp: 3963
Ion Ratio Lower Upper
146 100
111 51.7 36.0 54.0
148 65.1 52.3 78.5

