

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062360.D
 Acq On : 17 Dec 2024 01:32
 Operator : MD/SY
 Sample : P5274-02DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:25:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

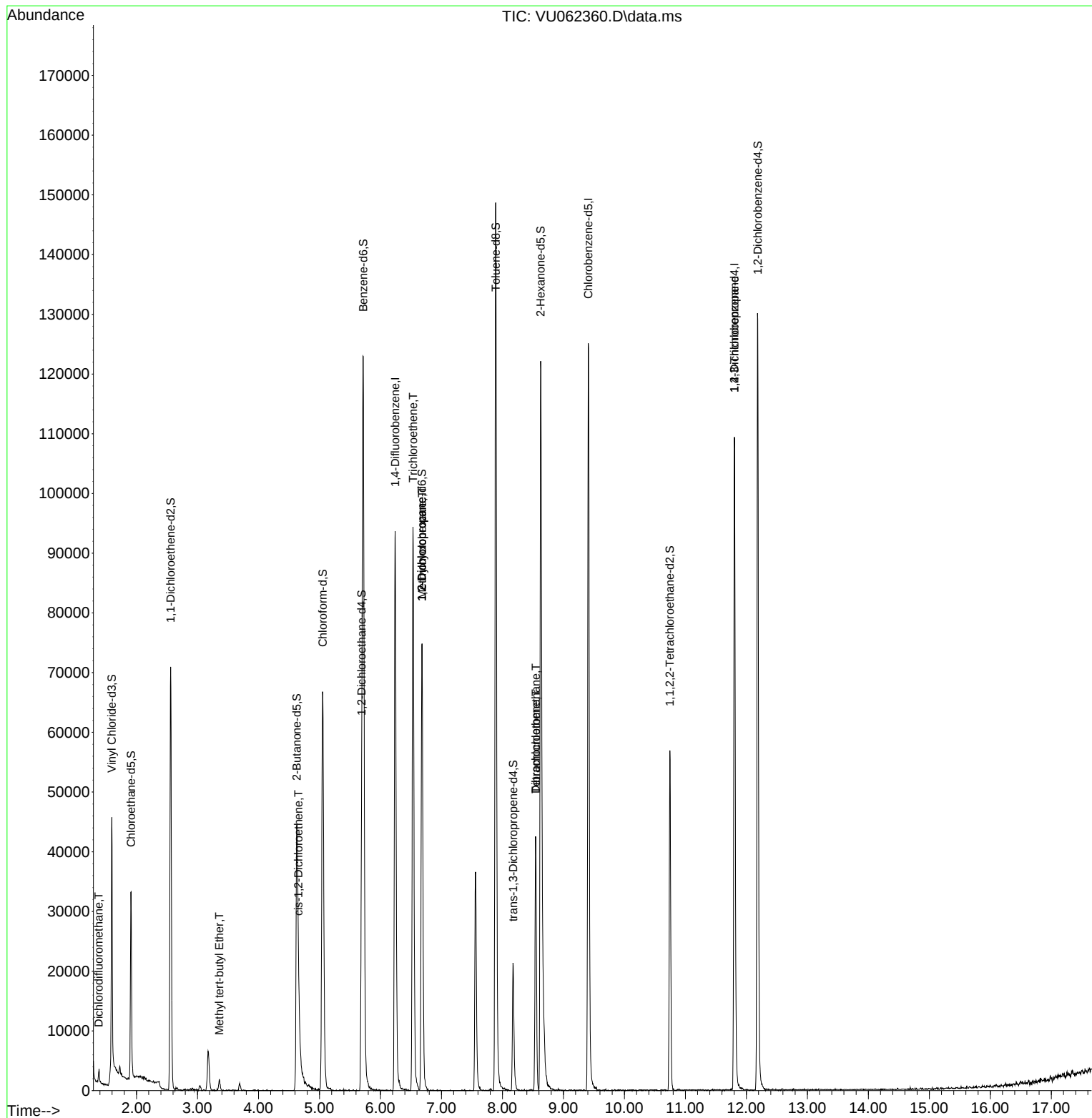
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	73798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32318	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27947	5.132	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.911	69	23469	6.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	121.200%	
11) 1,1-Dichloroethene-d2	2.560	65	13670	5.277	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	105.600%	
20) 2-Butanone-d5	4.628	46	59212	56.737	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.480%	
24) Chloroform-d	5.052	84	66709	5.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.200%	
26) 1,2-Dichloroethane-d4	5.692	65	36435	6.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	125.800%	
32) Benzene-d6	5.718	84	118347	5.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
36) 1,2-Dichloropropane-d6	6.679	67	34025	5.595	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.800%	
41) Toluene-d8	7.891	98	105061	5.232	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
43) trans-1,3-Dichloroprop...	8.177	79	14052	5.249	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.000%	
46) 2-Hexanone-d5	8.627	63	44526	55.134	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.260%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26795	5.662	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	37014	6.215	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	124.400%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	947	0.125	ug/L #	86
17) Methyl tert-butyl Ether	3.358	73	2189	0.161	ug/L #	85
22) cis-1,2-Dichloroethene	4.657	96	1158	0.184	ug/L	96
34) Trichloroethene	6.534	95	34360	5.304	ug/L	96
35) Methylcyclohexane	6.682	83	9001	0.937	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4513	0.810	ug/L #	87
47) Tetrachloroethene	8.547	164	9513	1.902	ug/L	98
49) Dibromochloromethane	8.547	129	9974	1.963	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3525	1.180	ug/L #	67

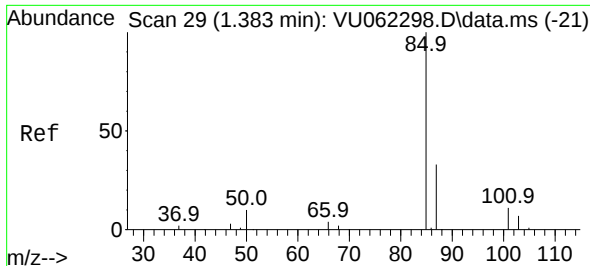
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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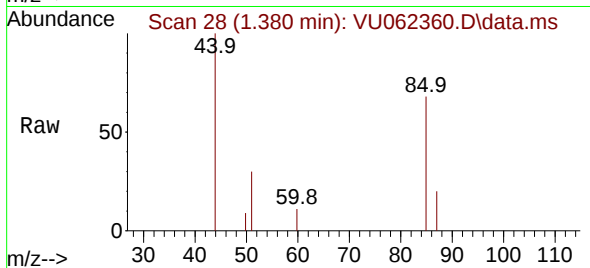
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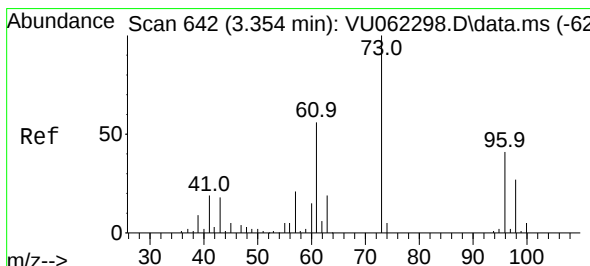
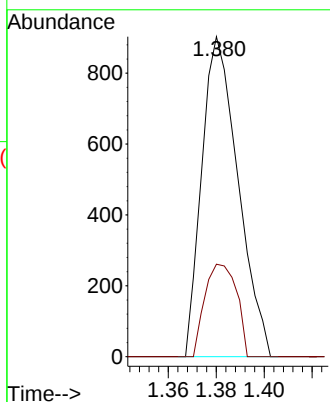
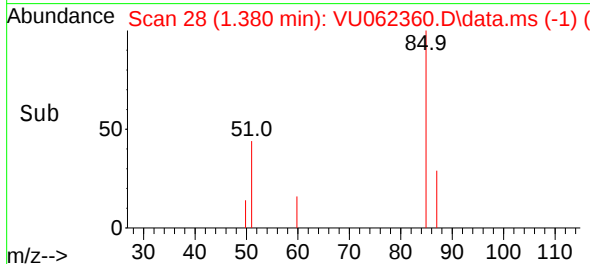


#2
Dichlorodifluoromethane
Concen: 0.125 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062360.D
Acq: 17 Dec 2024 01:32

Instrument :
MSVOA_U
ClientSampleId :

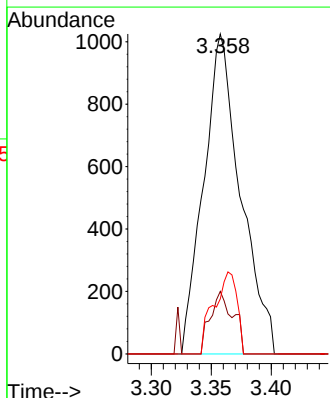
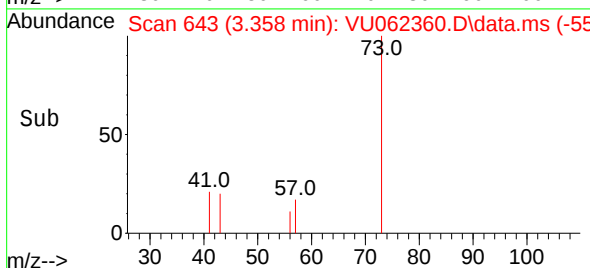
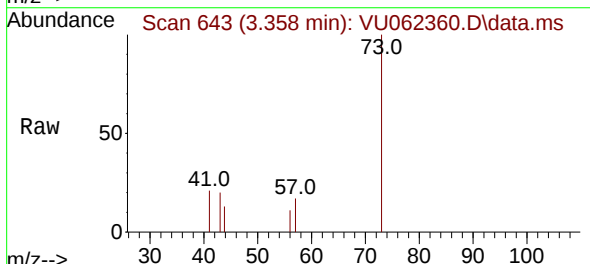


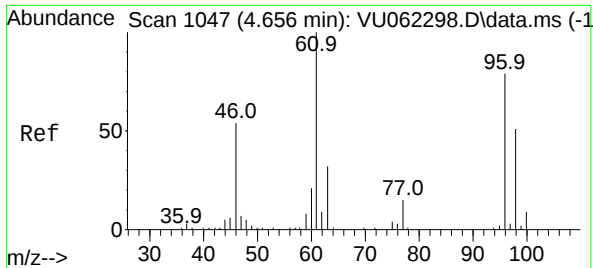
Tgt Ion: 85 Resp: 947
Ion Ratio Lower Upper
85 100
87 25.2 26.6 40.0#



#17
Methyl tert-butyl Ether
Concen: 0.161 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU062360.D
Acq: 17 Dec 2024 01:32

Tgt Ion: 73 Resp: 2189
Ion Ratio Lower Upper
73 100
43 12.1 16.3 24.5#
57 16.0 17.1 25.7#

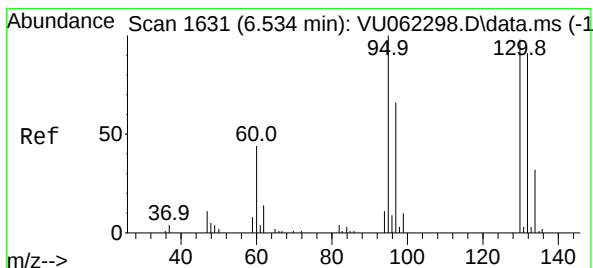
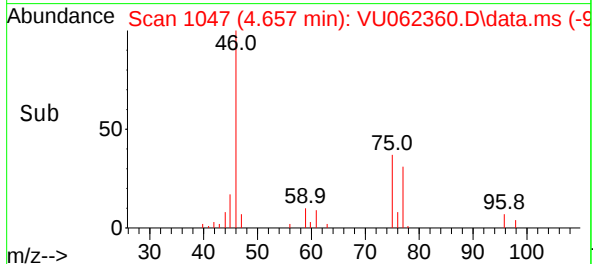
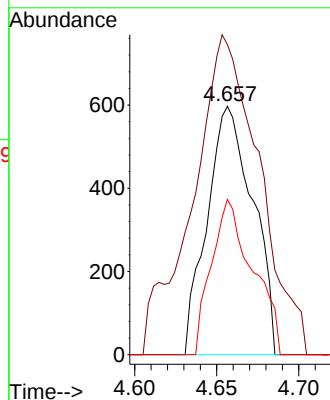
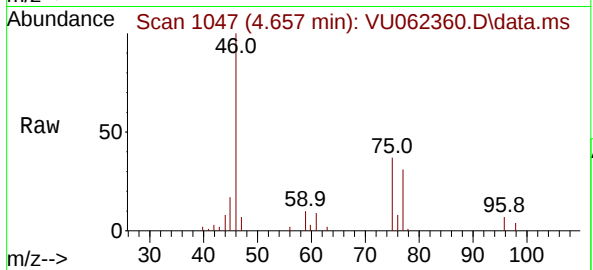




#22
 cis-1,2-Dichloroethene
 Concen: 0.184 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU062360.D
 Acq: 17 Dec 2024 01:32

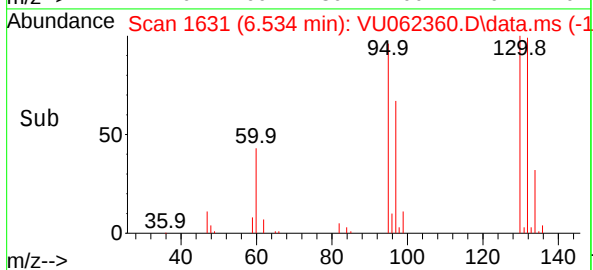
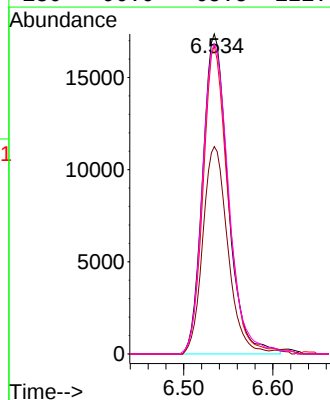
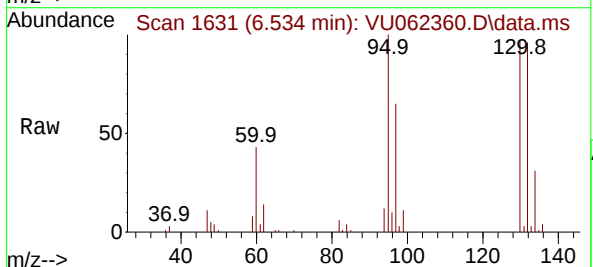
Instrument :
 MSVOA_U
 ClientSampleId :

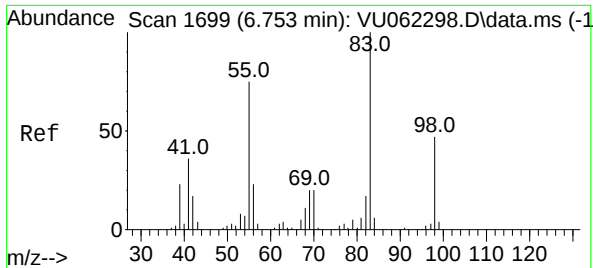
Tgt Ion: 96 Resp: 1158
 Ion Ratio Lower Upper
 96 100
 61 124.8 92.0 170.8
 98 62.5 44.5 82.7



#34
 Trichloroethene
 Concen: 5.304 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU062360.D
 Acq: 17 Dec 2024 01:32

Tgt Ion: 95 Resp: 34360
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.9 85.3
 132 96.3 63.8 118.4
 130 96.9 65.5 121.7





#35

Methylcyclohexane

Concen: 0.937 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062360.D

Acq: 17 Dec 2024 01:32

Instrument :

MSVOA_U

ClientSampleId :

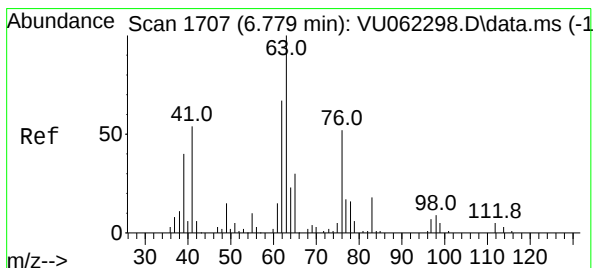
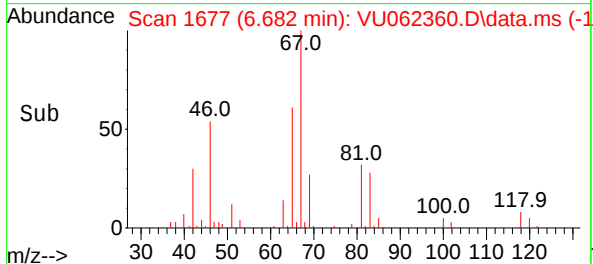
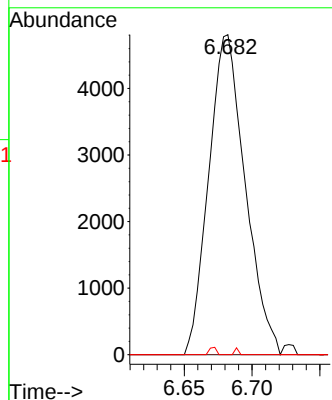
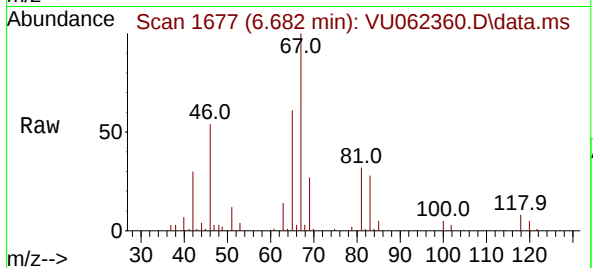
Tgt Ion: 83 Resp: 9001

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.5 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.810 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU062360.D

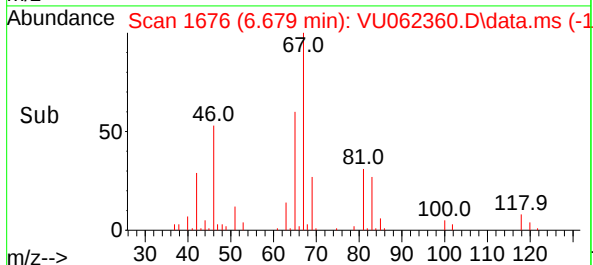
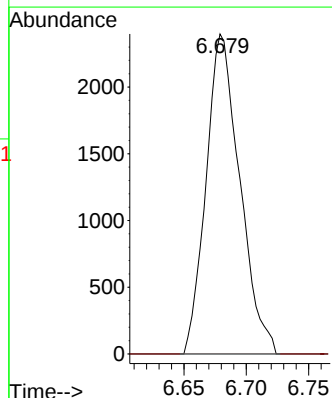
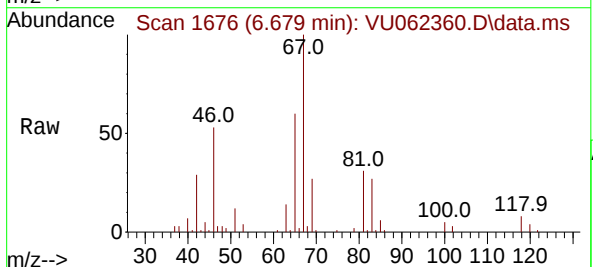
Acq: 17 Dec 2024 01:32

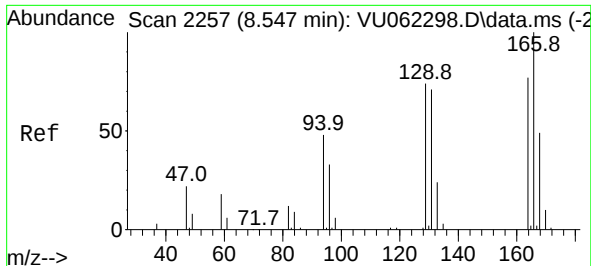
Tgt Ion: 63 Resp: 4513

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 1.902 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU062360.D

Acq: 17 Dec 2024 01:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 9513

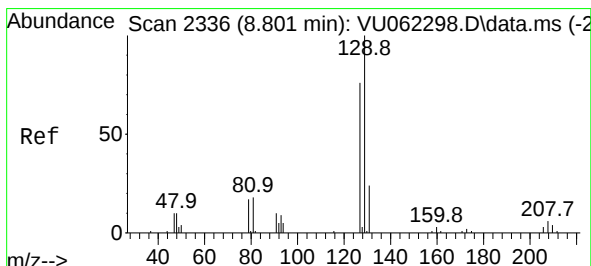
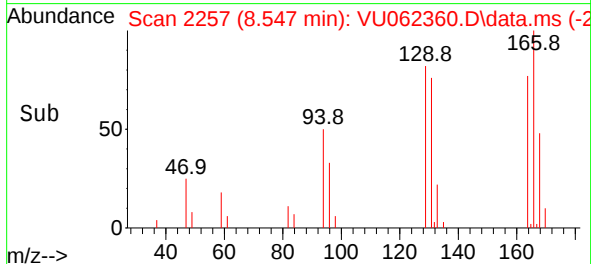
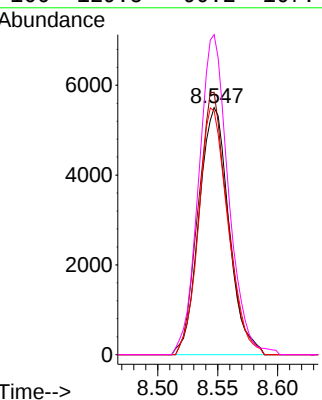
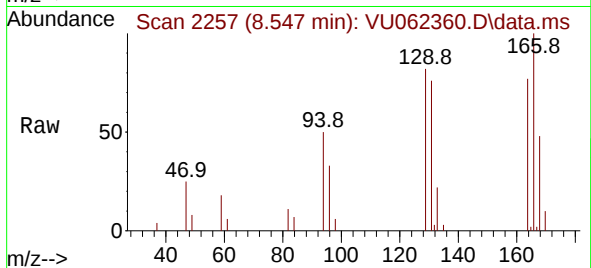
Ion Ratio Lower Upper

164 100

129 106.2 73.2 136.0

131 98.7 72.3 134.3

166 129.5 90.2 167.4



#49

Dibromochloromethane

Concen: 1.963 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU062360.D

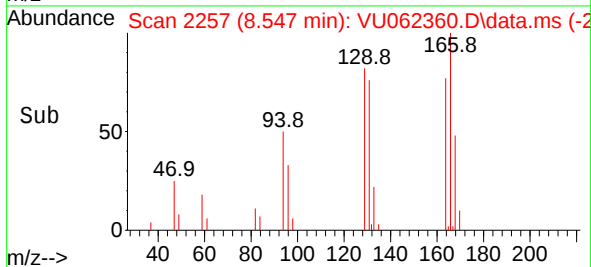
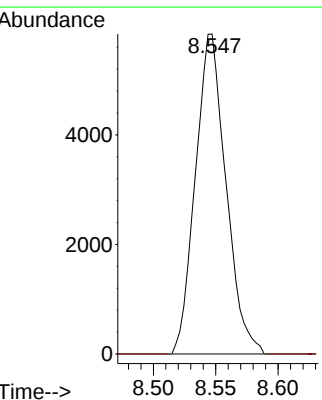
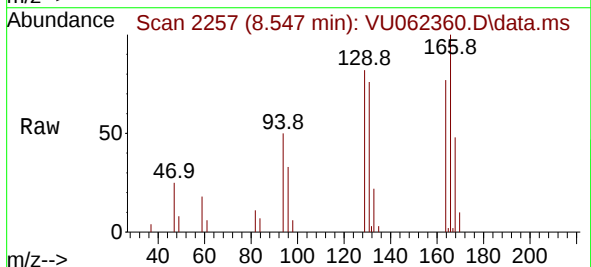
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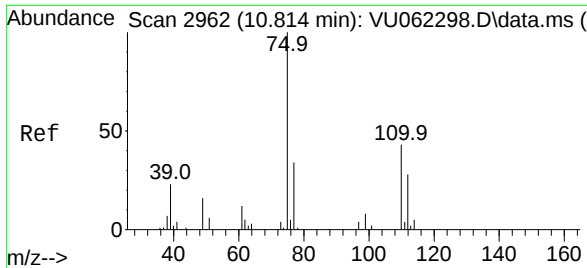
Tgt Ion:129 Resp: 9974

Ion Ratio Lower Upper

129 100

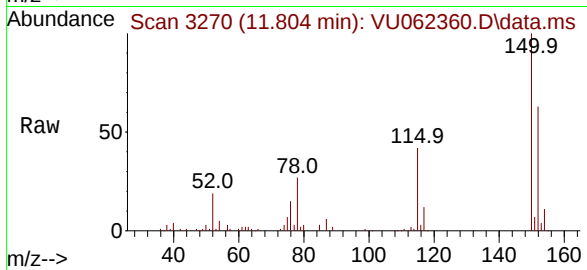
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.180 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062360.D
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 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3525
 Ion Ratio Lower Upper
 75 100
 110 2.0 28.9 43.3#
 77 36.1 26.5 39.7

