

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111524\
 Data File : VU061717.D
 Acq On : 15 Nov 2024 13:45
 Operator : MD/SY
 Sample : P4800-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 22:20:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 22:17:35 2024
 Response via : Initial Calibration

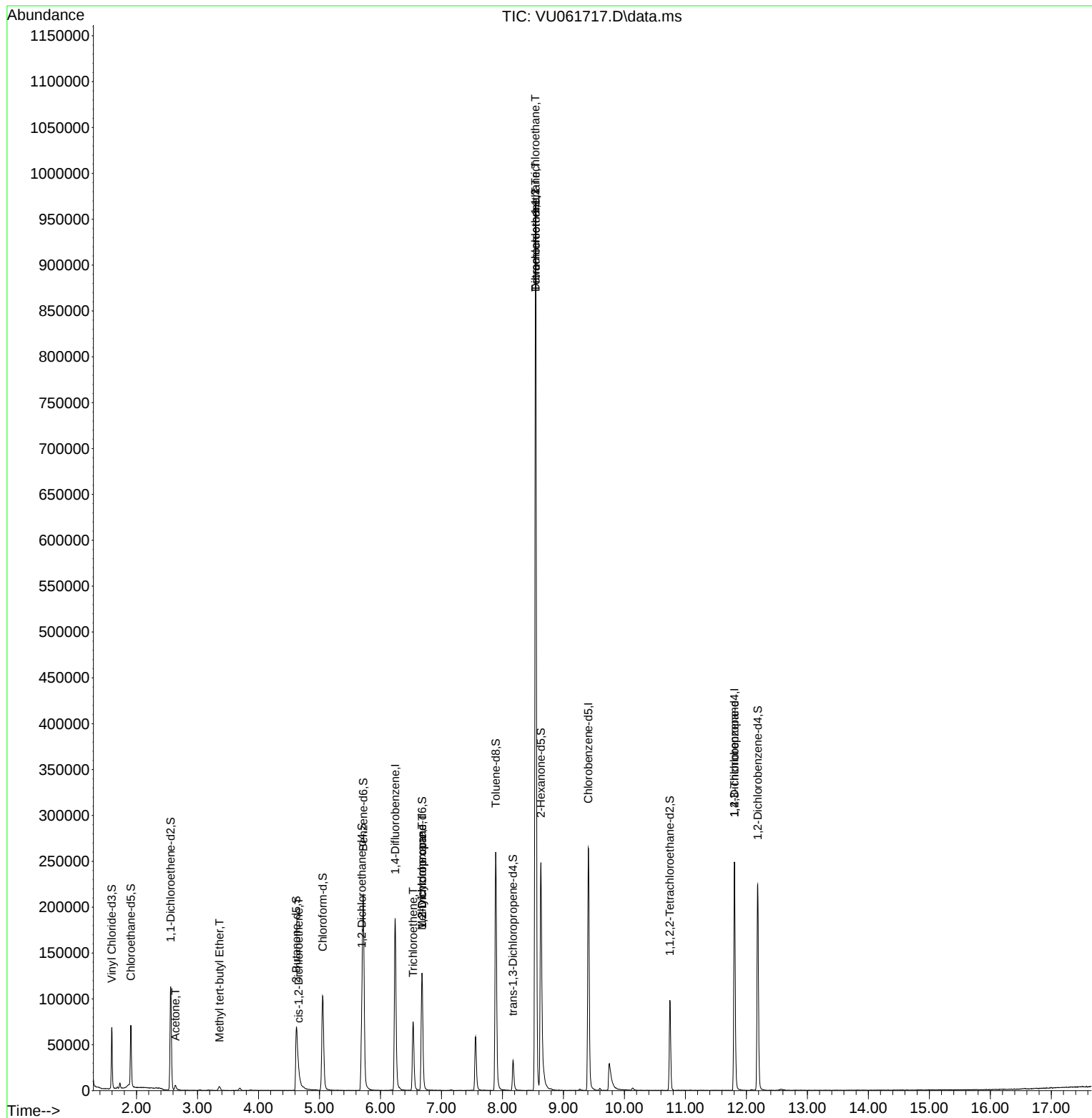
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155912	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69344	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46133	4.340	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.907	69	47449	5.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.600%	
11) 1,1-Dichloroethene-d2	2.560	65	20763	4.353	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.621	46	114166	50.602	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.200%	
24) Chloroform-d	5.052	84	99650	4.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.695	65	51433	5.073	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.718	84	210298	4.876	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.682	67	63697	5.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.891	98	189404	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.174	79	20221	4.315	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.631	63	97799	52.816	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.640%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49133	4.899	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	63616	5.151	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	7083	4.983	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	5330	0.219	ug/L #	69
22) cis-1,2-Dichloroethene	4.660	96	3098	0.252	ug/L	86
34) Trichloroethene	6.534	95	26504	2.080	ug/L	96
35) Methylcyclohexane	6.679	83	14909	0.776	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7069	0.590	ug/L #	89
45) 1,1,2-Trichloroethane	8.541	97	1895	0.217	ug/L #	2
47) Tetrachloroethene	8.544	164	213892	22.341	ug/L	98
49) Dibromochloromethane	8.544	129	210063	22.956	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	8620	1.320	ug/L #	67

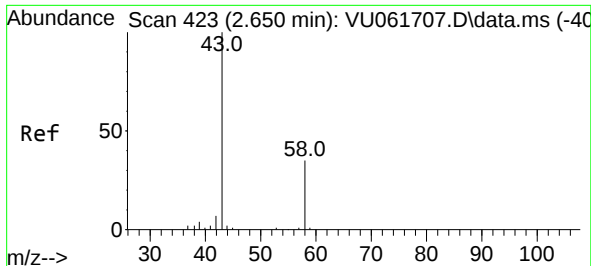
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.983 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.013 min

Lab File: VU061717.D

Acq: 15 Nov 2024 13:45

Instrument :

MSVOA_U

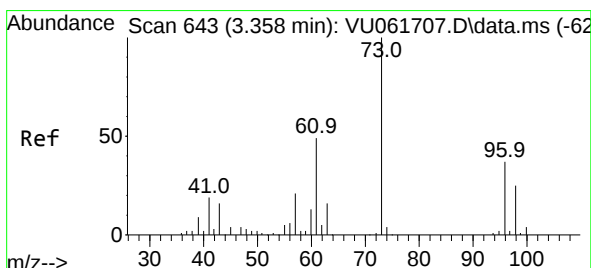
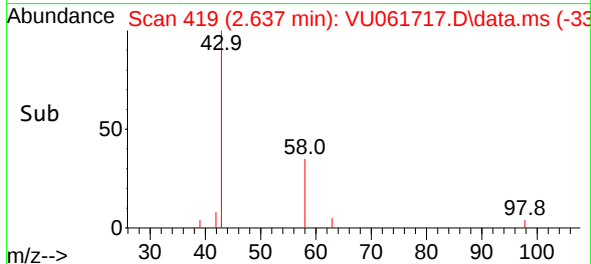
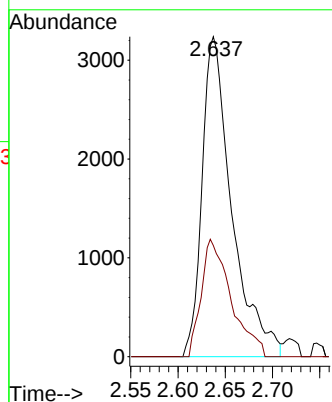
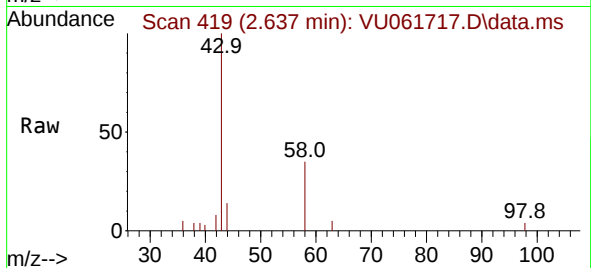
ClientSampleId :

Tgt Ion: 43 Resp: 7083

Ion Ratio Lower Upper

43 100

58 36.8 0.0 69.8



#17

Methyl tert-butyl Ether

Concen: 0.219 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.003 min

Lab File: VU061717.D

Acq: 15 Nov 2024 13:45

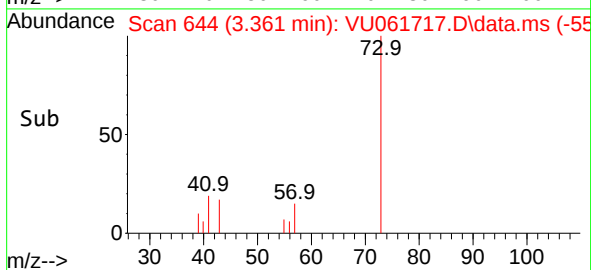
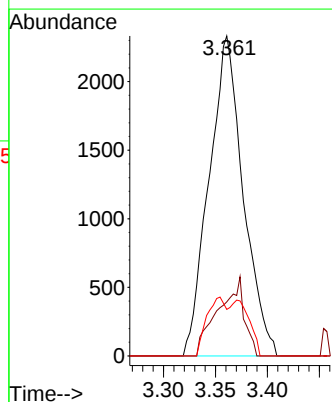
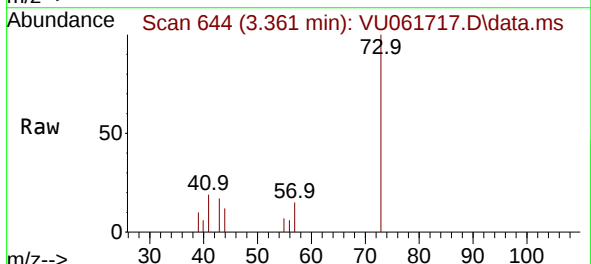
Tgt Ion: 73 Resp: 5330

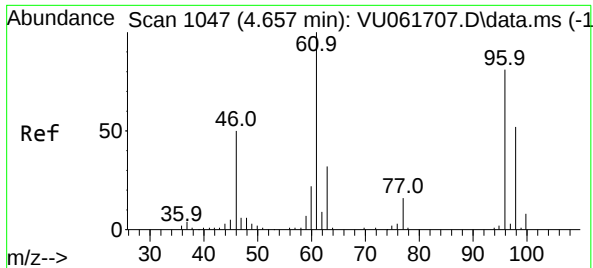
Ion Ratio Lower Upper

73 100

43 0.0 14.2 21.4#

57 10.4 16.9 25.3#

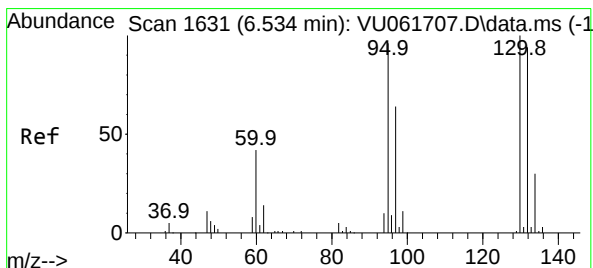
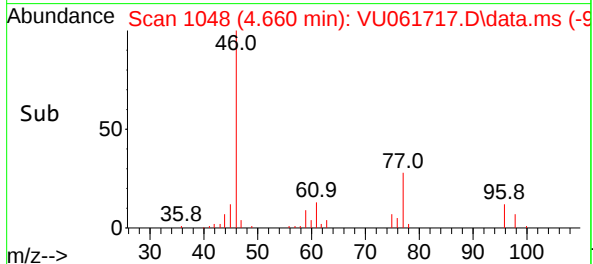
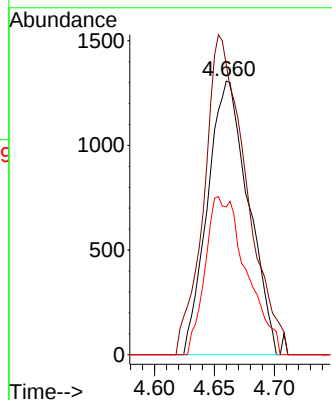
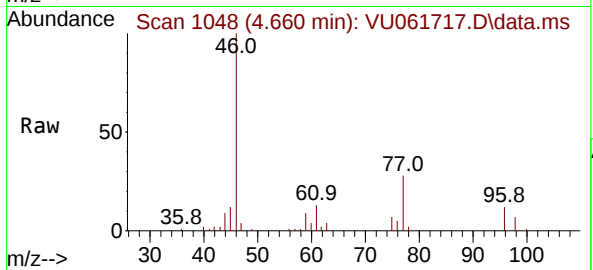




#22
 cis-1,2-Dichloroethene
 Concen: 0.252 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061717.D
 Acq: 15 Nov 2024 13:45

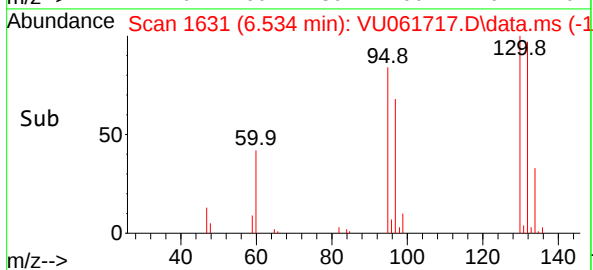
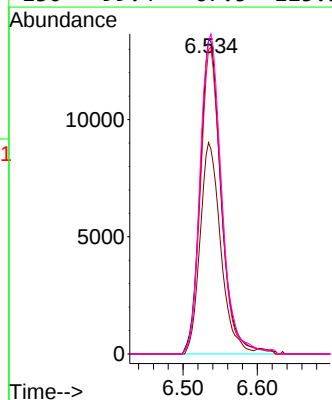
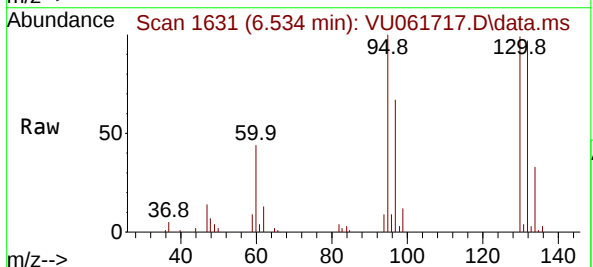
Instrument :
 MSVOA_U
 ClientSampleId :

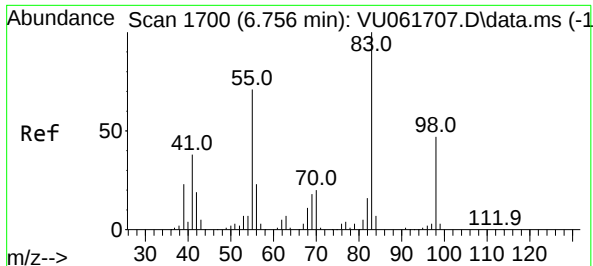
Tgt Ion: 96 Resp: 3098
 Ion Ratio Lower Upper
 96 100
 61 105.9 85.6 159.0
 98 54.0 45.6 84.8



#34
 Trichloroethene
 Concen: 2.080 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061717.D
 Acq: 15 Nov 2024 13:45

Tgt Ion: 95 Resp: 26504
 Ion Ratio Lower Upper
 95 100
 97 67.2 43.5 80.9
 132 96.8 65.2 121.0
 130 99.4 67.5 125.3





#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU061717.D

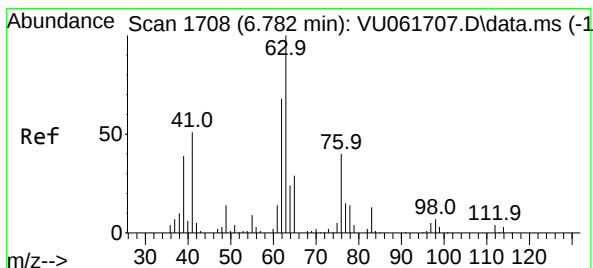
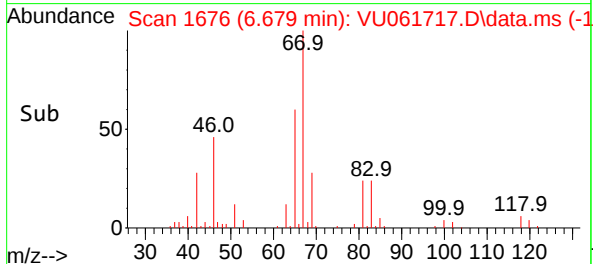
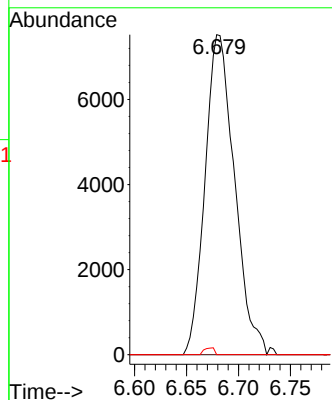
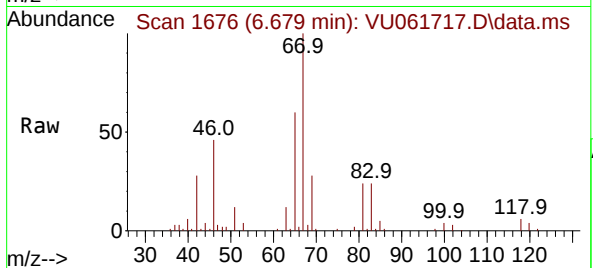
Acq: 15 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14909
Ion Ratio	Lower Upper
83	100
55	0.0 56.4 84.6#
98	0.7 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

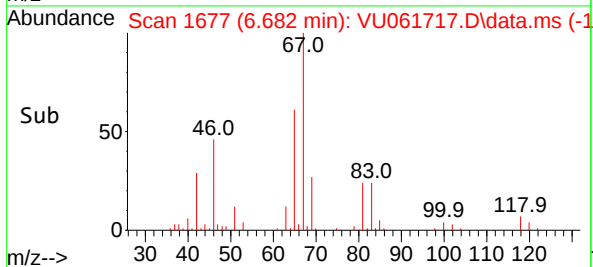
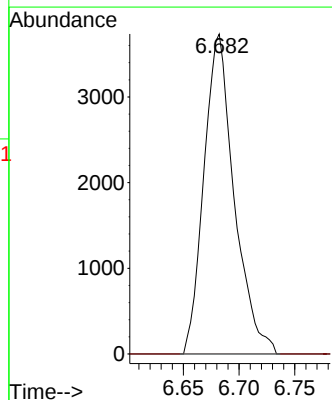
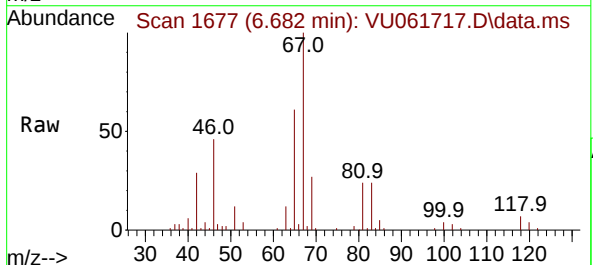
RT: 6.682 min Scan# 1677

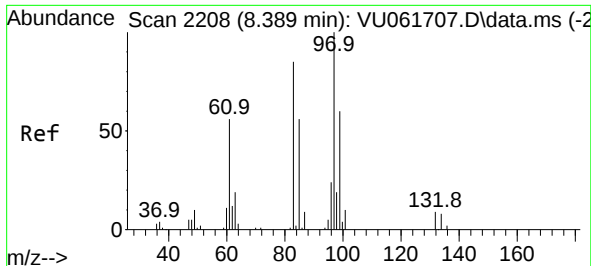
Delta R.T. -0.100 min

Lab File: VU061717.D

Acq: 15 Nov 2024 13:45

Tgt Ion: 63	Resp: 7069
Ion Ratio	Lower Upper
63	100
112	0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.217 ug/L

RT: 8.541 min Scan# 21

Delta R.T. 0.151 min

Lab File: VU061717.D

Acq: 15 Nov 2024 13:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1895

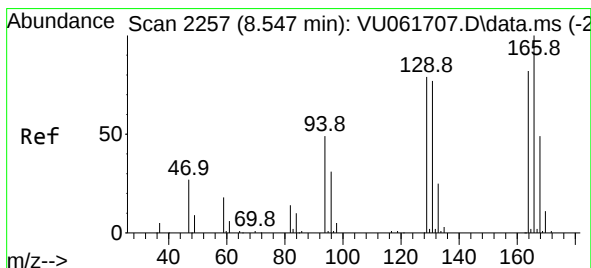
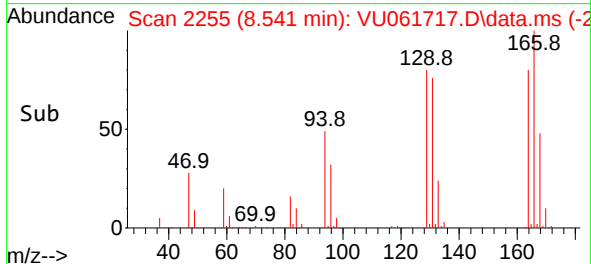
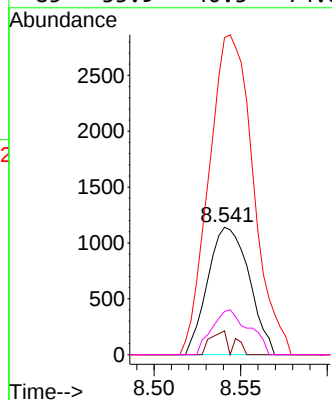
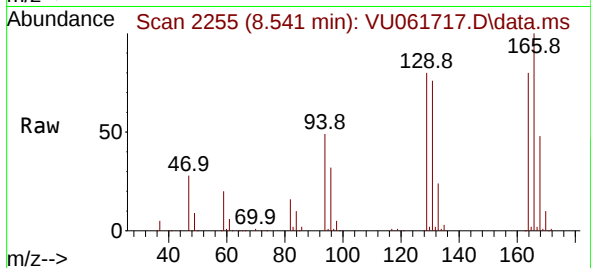
Ion Ratio Lower Upper

97 100

99 18.7 43.8 81.3#

83 248.9 63.2 117.4#

85 33.9 40.3 74.8#



#47

Tetrachloroethene

Concen: 22.341 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061717.D

Acq: 15 Nov 2024 13:45

Tgt Ion:164 Resp: 213892

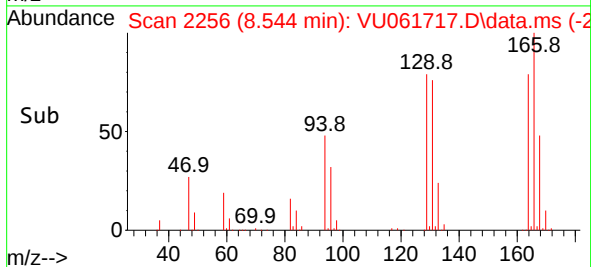
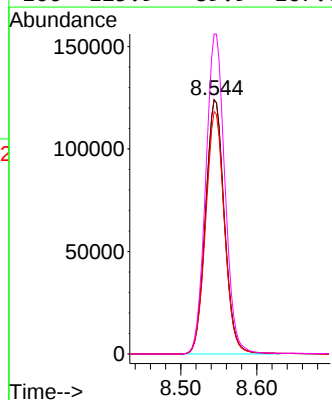
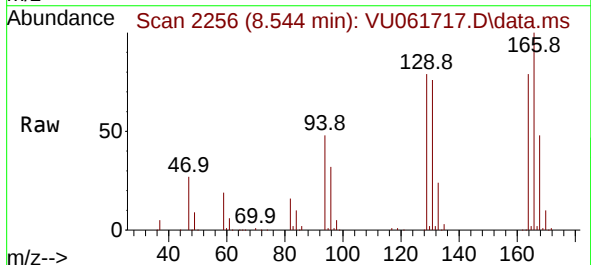
Ion Ratio Lower Upper

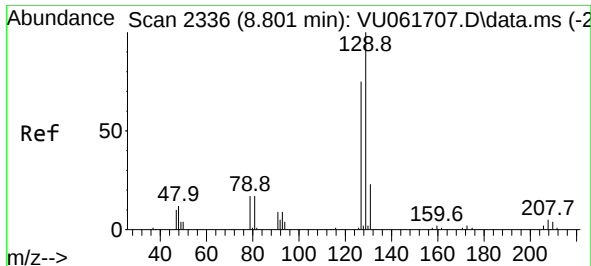
164 100

129 100.0 71.7 133.3

131 95.3 68.2 126.6

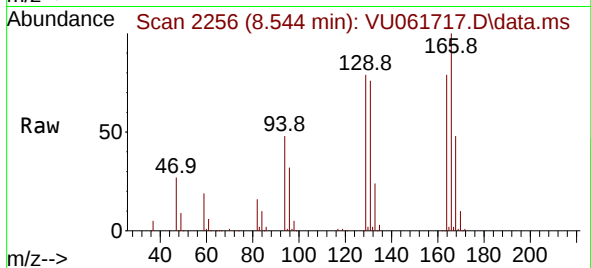
166 125.9 89.9 167.0



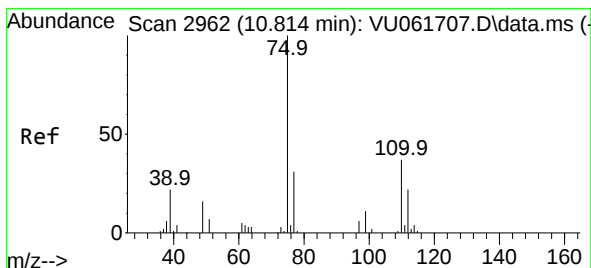
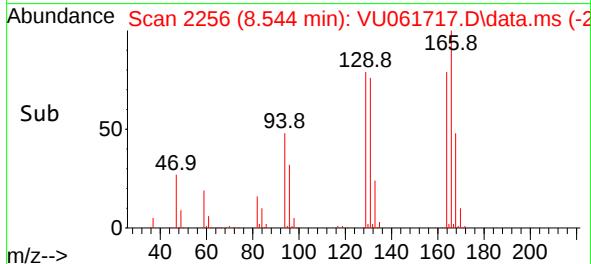
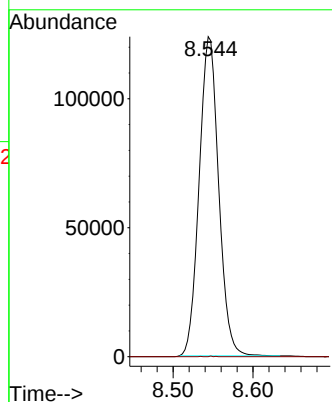


#49
Dibromochloromethane
Concen: 22.956 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU061717.D
Acq: 15 Nov 2024 13:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 210063
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#



#61
1,2,3-Trichloropropane
Concen: 1.320 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061717.D
Acq: 15 Nov 2024 13:45

Tgt Ion: 75 Resp: 8620
Ion Ratio Lower Upper
75 100
110 1.8 31.3 46.9#
77 32.4 26.0 39.0

