

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048980.D
 Acq On : 09 Jun 2022 15:30
 Operator : SY/MD
 Sample : N3248-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX1

Quant Time: Jun 10 01:04:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

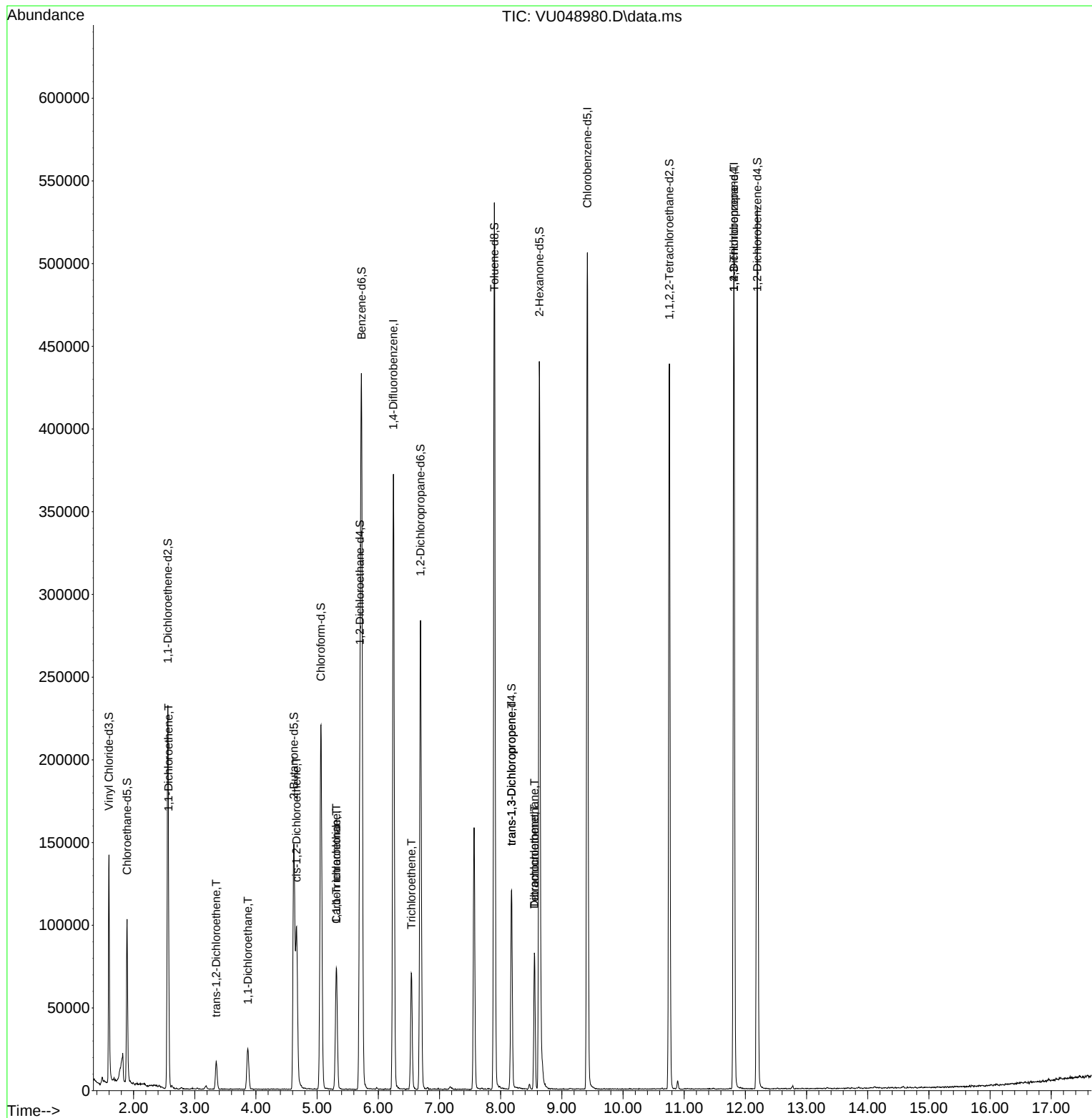
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	305351	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	287926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100020	53.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.960%			
7) Chloroethane-d5	1.893	69	74316	53.038	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.080%			
11) 1,1-Dichloroethene-d2	2.559	63	141058	33.350	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.700%			
21) 2-Butanone-d5	4.620	46	217477	122.193	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.190%			
24) Chloroform-d	5.060	84	207825	43.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.940%			
26) 1,2-Dichloroethane-d4	5.700	65	141408	42.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.820%			
32) Benzene-d6	5.726	84	399261	49.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.660%			
36) 1,2-Dichloropropane-d6	6.690	67	138001	58.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.320%			
41) Toluene-d8	7.896	98	359353	47.677	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.360%			
43) trans-1,3-Dichloroprop...	8.179	79	65677	43.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.320%			
47) 2-Hexanone-d5	8.632	63	149952	116.232	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.230%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214537	55.114	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	143863	50.993	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.980%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.572	96	3508	1.766	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	6776	3.162	ug/L	95
19) 1,1-Dichloroethane	3.867	63	30572	7.793	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	45688	18.907	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	52848	12.122	ug/L	93
31) Carbon tetrachloride	5.314	117	7144	1.798	ug/L	98
34) Trichloroethene	6.543	95	24342	10.228	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	2535	0.669	ug/L #	69
46) Tetrachloroethene	8.552	164	17825	9.178	ug/L	97
49) Dibromochloromethane	8.552	129	18012	6.220	ug/L #	12
60) 1,2,3-Trichloropropane	11.812	75	14483	5.292	ug/L #	66

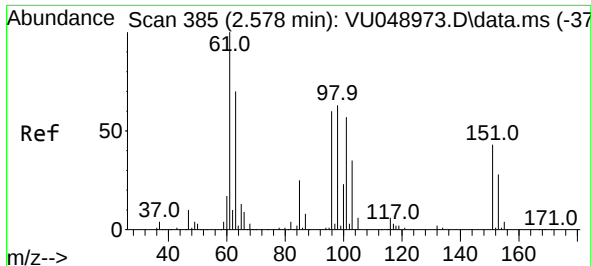
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.766 ug/L

RT: 2.572 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU048980.D

Acq: 09 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

EXYX1

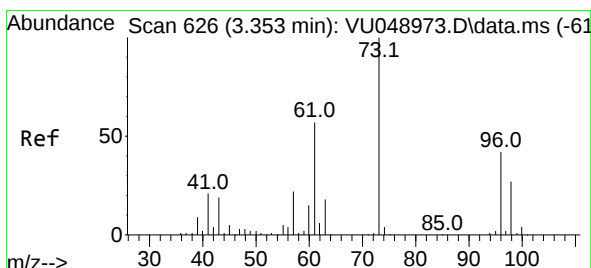
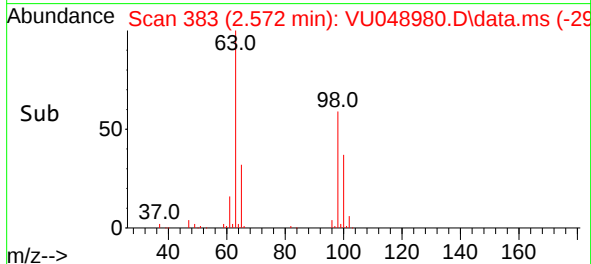
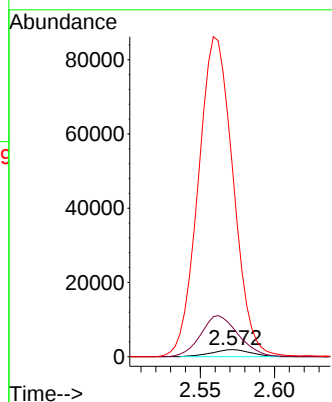
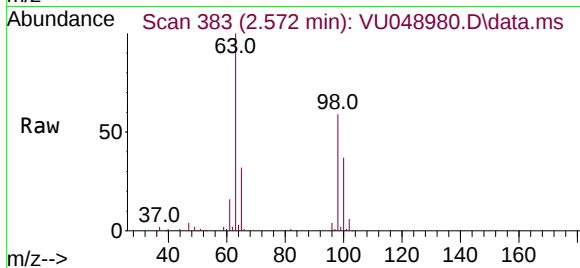
Tgt Ion: 96 Resp: 3508

Ion Ratio Lower Upper

96 100

61 416.5 120.6 224.0#

63 2660.9 82.3 152.9#



#17

trans-1,2-Dichloroethene

Concen: 3.162 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU048980.D

Acq: 09 Jun 2022 15:30

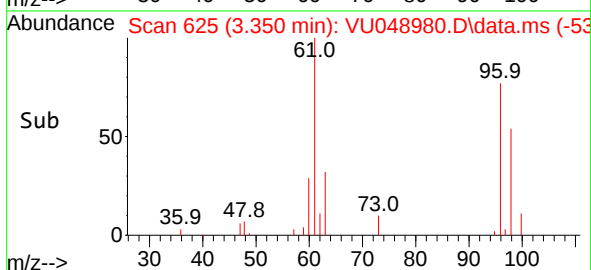
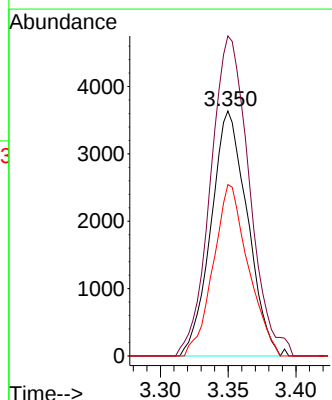
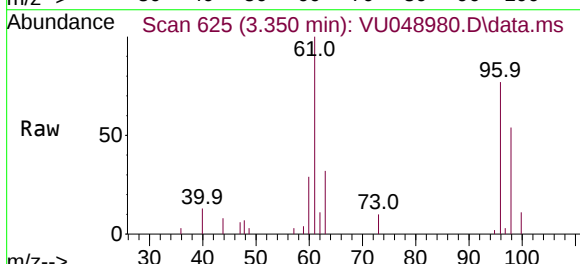
Tgt Ion: 96 Resp: 6776

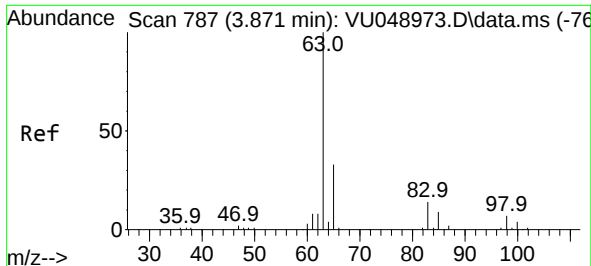
Ion Ratio Lower Upper

96 100

61 130.6 94.2 175.0

98 70.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 7.793 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048980.D

Acq: 09 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

EXYX1

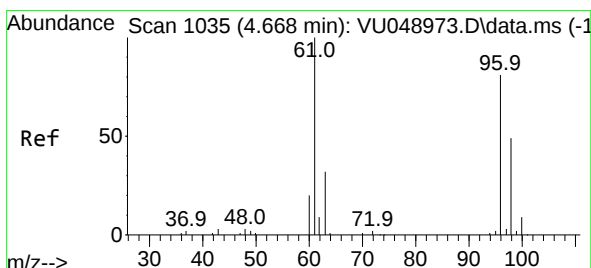
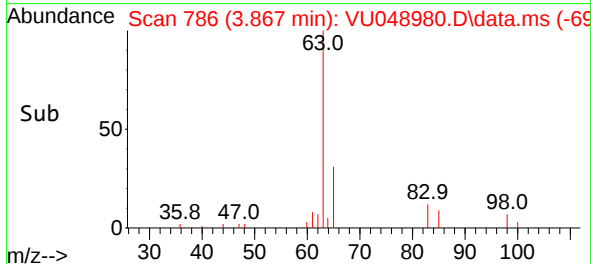
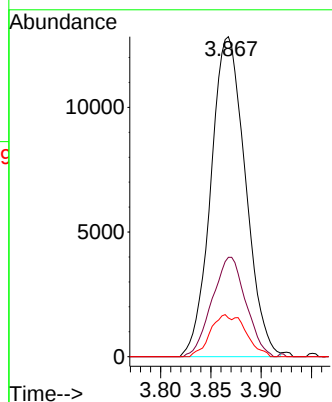
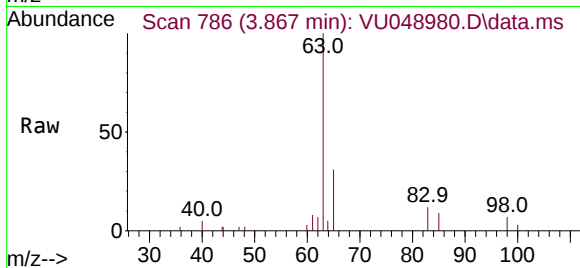
Tgt Ion: 63 Resp: 30572

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.6

83 12.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 18.907 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048980.D

Acq: 09 Jun 2022 15:30

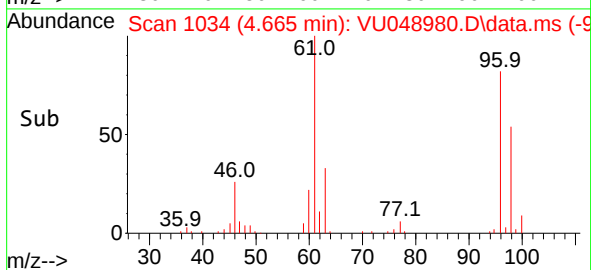
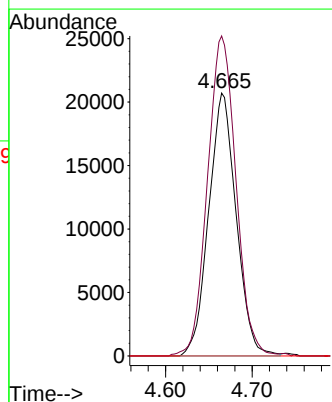
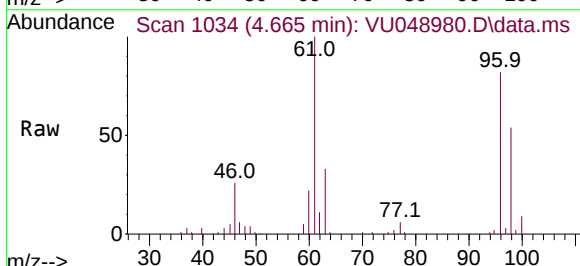
Tgt Ion: 96 Resp: 45688

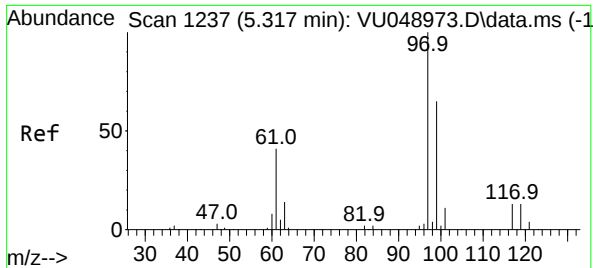
Ion Ratio Lower Upper

96 100

61 121.8 88.3 164.1

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 12.122 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048980.D

Acq: 09 Jun 2022 15:30

Instrument :

MSVOA_U

ClientSampleId :

EXYX1

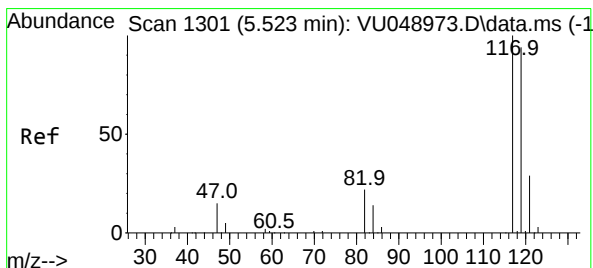
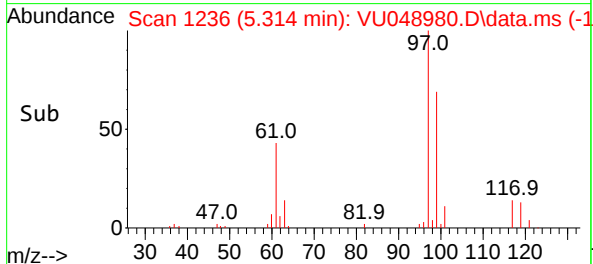
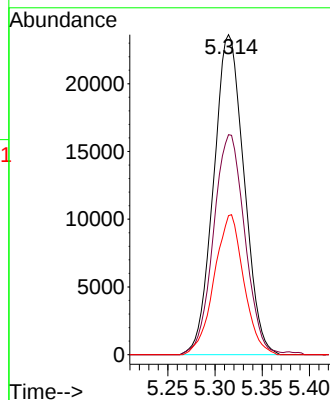
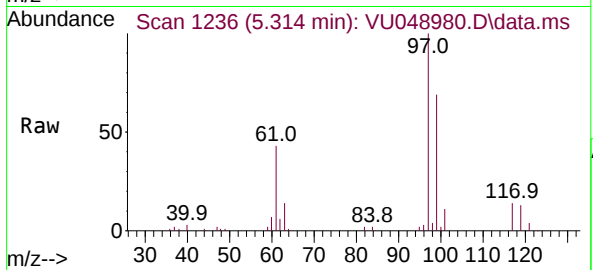
Tgt Ion: 97 Resp: 52848

Ion Ratio Lower Upper

97 100

99 70.8 50.3 75.5

61 42.6 32.6 48.8



#31

Carbon tetrachloride

Concen: 1.798 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.209 min

Lab File: VU048980.D

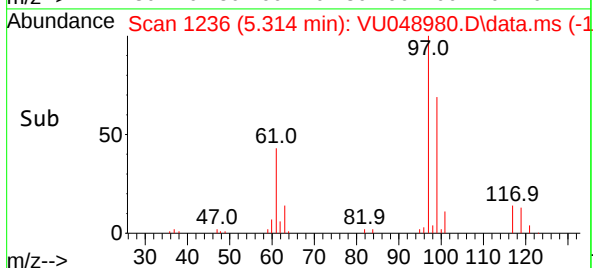
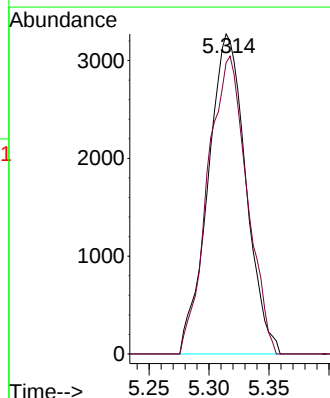
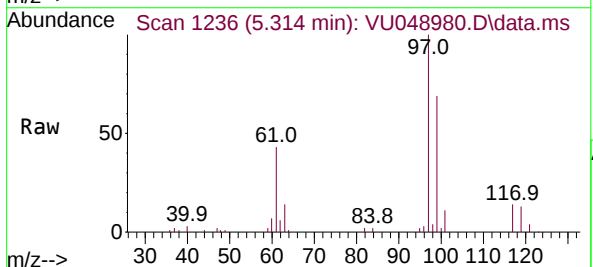
Acq: 09 Jun 2022 15:30

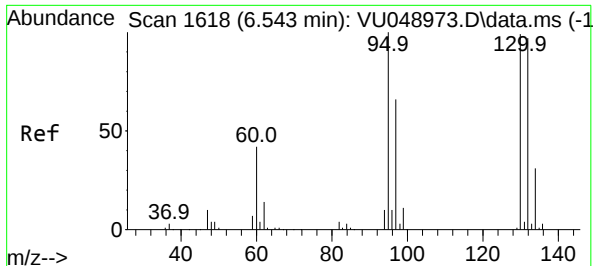
Tgt Ion: 117 Resp: 7144

Ion Ratio Lower Upper

117 100

119 96.8 76.0 114.0

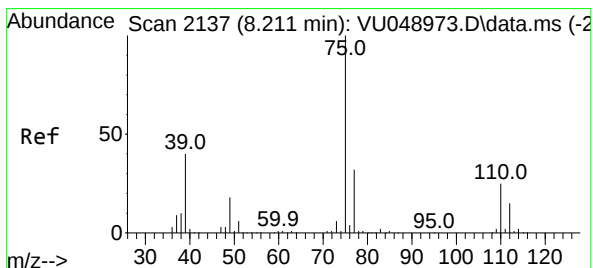
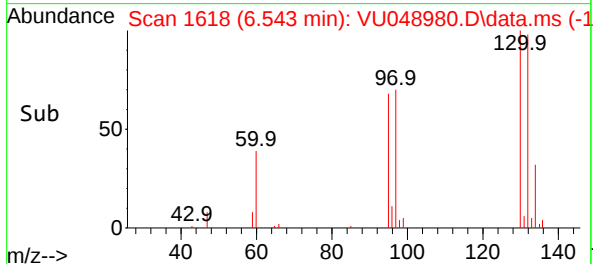
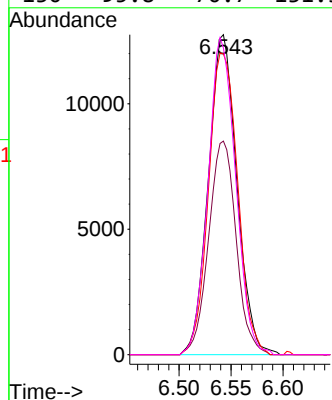
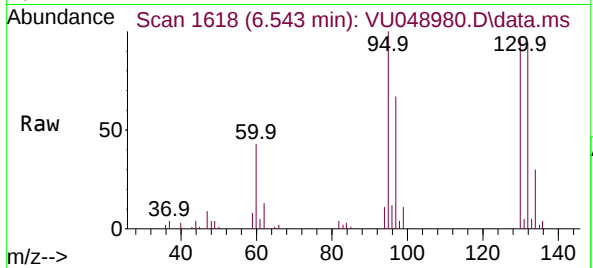




#34
Trichloroethene
Concen: 10.228 ug/L
RT: 6.543 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048980.D
Acq: 09 Jun 2022 15:30

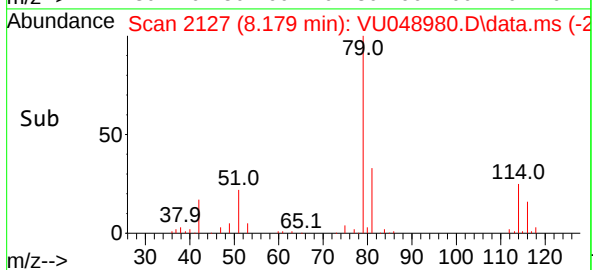
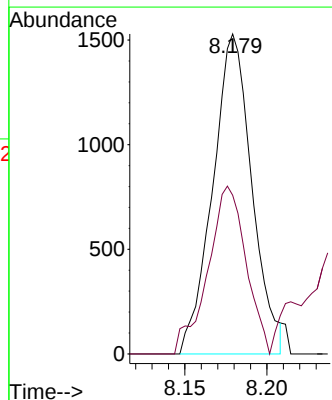
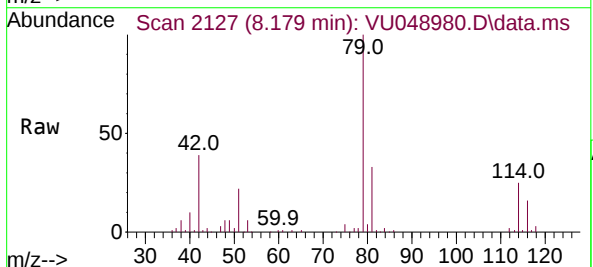
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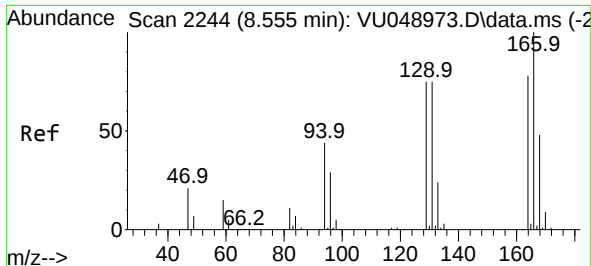
Tgt Ion: 95 Resp: 24342
Ion Ratio Lower Upper
95 100
97 66.8 45.2 84.0
132 94.0 67.3 124.9
130 95.8 70.7 131.3



#44
trans-1,3-Dichloropropene
Concen: 0.669 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048980.D
Acq: 09 Jun 2022 15:30

Tgt Ion: 75 Resp: 2535
Ion Ratio Lower Upper
75 100
77 49.6 22.7 42.1#

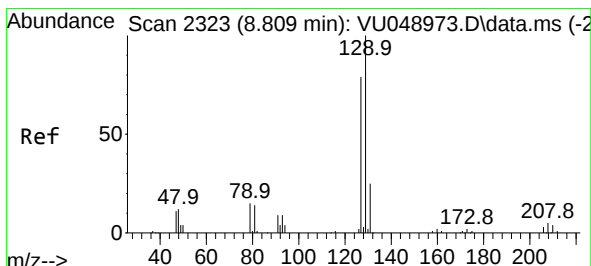
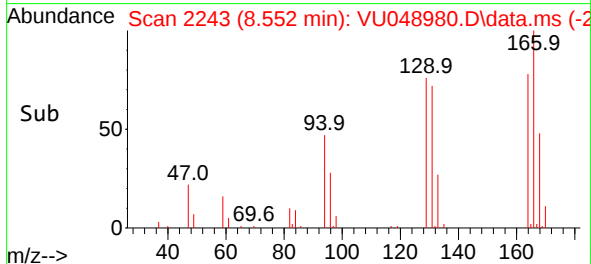
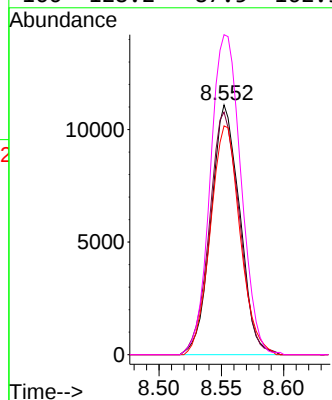
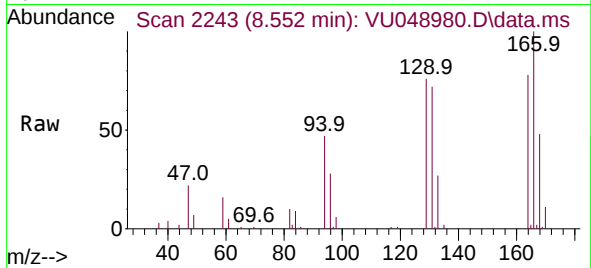




#46
Tetrachloroethene
Concen: 9.178 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048980.D
Acq: 09 Jun 2022 15:30

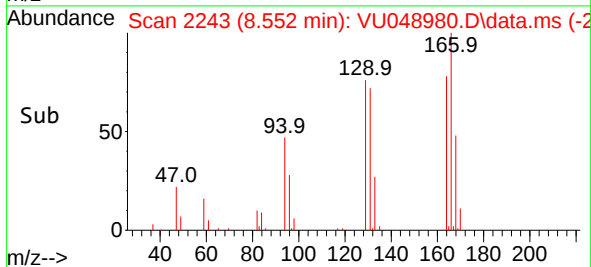
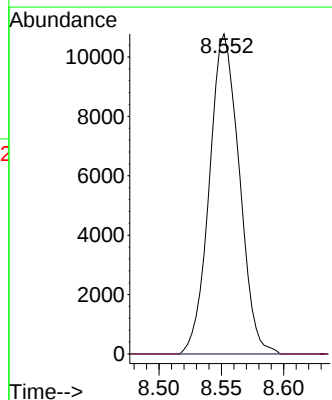
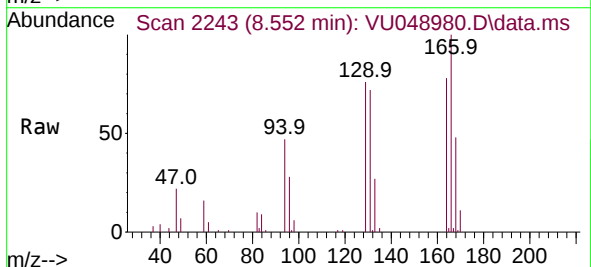
Instrument :
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ClientSampleId :
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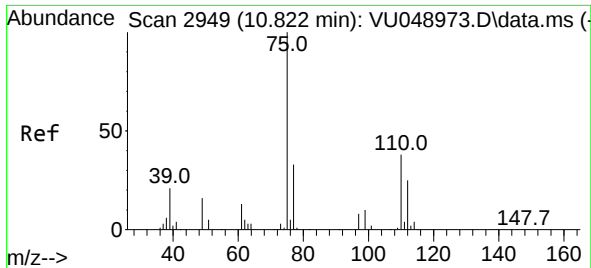
Tgt Ion:164 Resp: 17825
Ion Ratio Lower Upper
164 100
129 97.2 64.3 119.3
131 91.6 64.5 119.7
166 128.2 87.5 162.5



#49
Dibromochloromethane
Concen: 6.220 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU048980.D
Acq: 09 Jun 2022 15:30

Tgt Ion:129 Resp: 18012
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#





#60
 1,2,3-Trichloropropane
 Concen: 5.292 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048980.D
 Acq: 09 Jun 2022 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX1

Tgt Ion: 75 Resp: 14483
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 110 2.6 32.1 48.1#

