

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050998.D
 Acq On : 29 Sep 2022 22:47
 Operator : JC/MD
 Sample : N4869-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:52:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

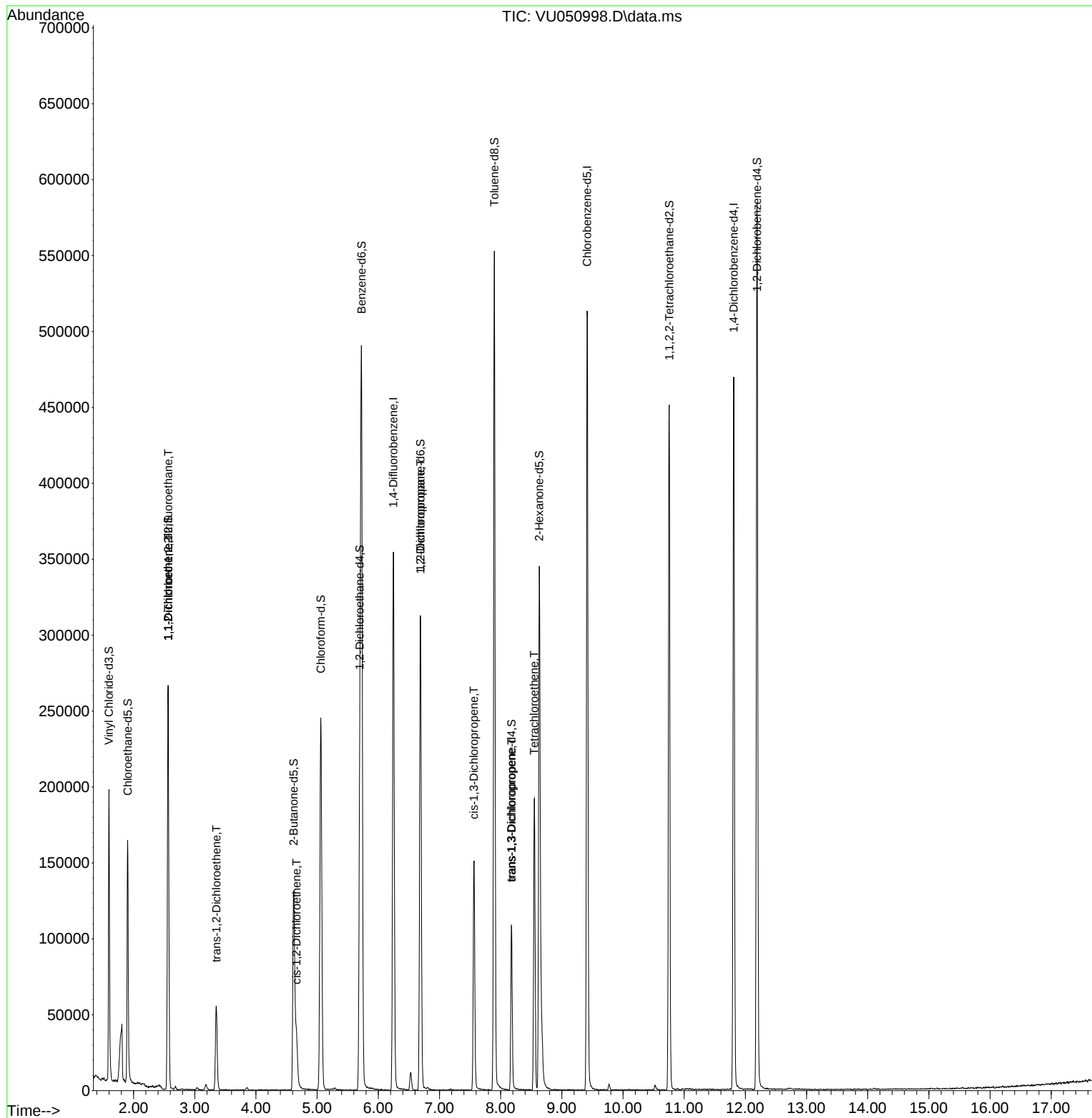
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	284719	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	287496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	138369	47.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.903	69	120195	44.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.680%		
11) 1,1-Dichloroethene-d2	2.565	63	153855	36.097	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.200%		
21) 2-Butanone-d5	4.617	46	183668	98.140	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.140%		
24) Chloroform-d	5.060	84	227598	48.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.920%		
26) 1,2-Dichloroethane-d4	5.697	65	145492	50.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.120%		
32) Benzene-d6	5.726	84	450688	53.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.060%		
36) 1,2-Dichloropropane-d6	6.687	67	149811	54.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.680%		
41) Toluene-d8	7.896	98	367405	47.234	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.460%		
43) trans-1,3-Dichloroprop...	8.176	79	59228	45.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.900%		
47) 2-Hexanone-d5	8.629	63	98563	89.352	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.350%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	227334	47.614	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	151070	56.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1696	0.780	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1296	0.638	ug/L #	1
17) trans-1,2-Dichloroethene	3.353	96	23318	10.795	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	13778	5.713	ug/L	96
37) 1,2-Dichloropropane	6.690	63	15435	6.539	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	4129	1.235	ug/L #	70
44) trans-1,3-Dichloropropene	8.179	75	2442	0.723	ug/L	86
46) Tetrachloroethene	8.549	164	42035	24.433	ug/L	98

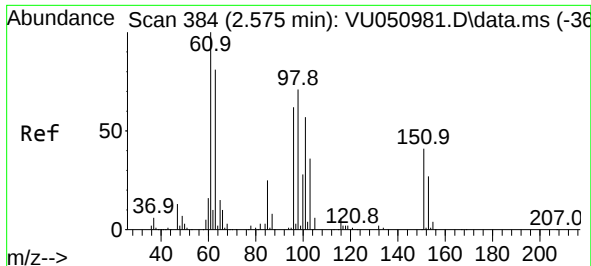
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 30 01:30:03 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.780 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.009 min

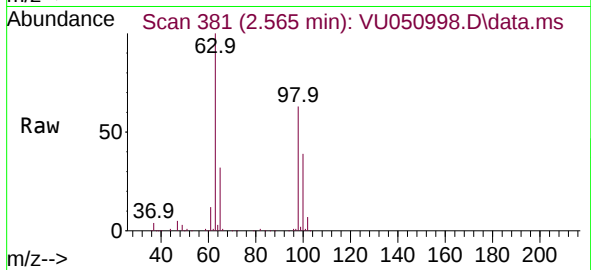
Lab File: VU050998.D

Acq: 29 Sep 2022 22:47

Instrument :

MSVOA_U

ClientSampleId :



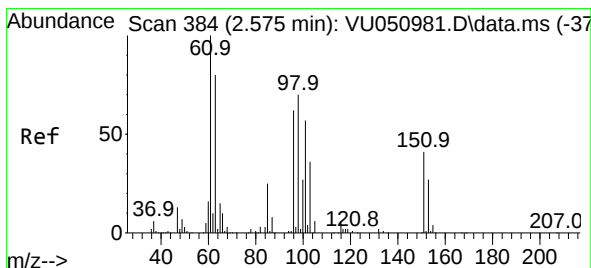
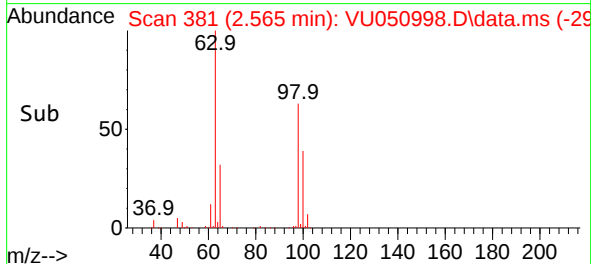
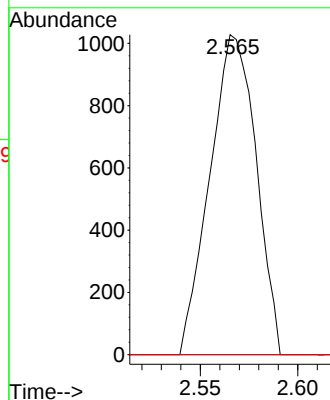
Tgt Ion:101 Resp: 1696

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.009 min

Lab File: VU050998.D

Acq: 29 Sep 2022 22:47

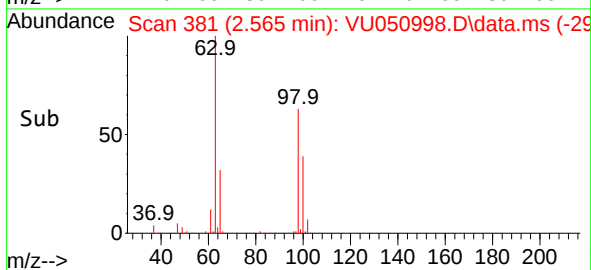
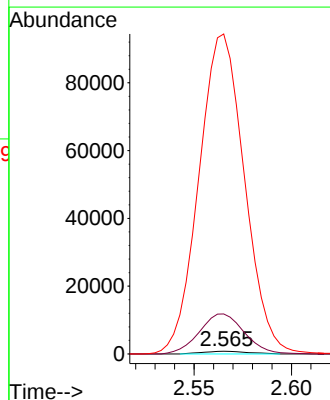
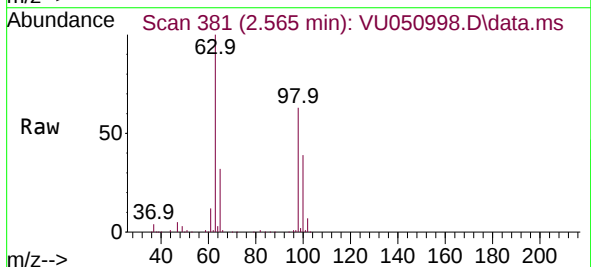
Tgt Ion: 96 Resp: 1296

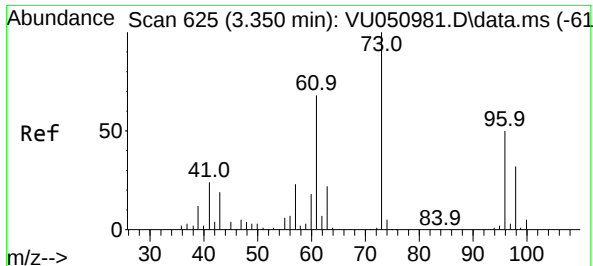
Ion Ratio Lower Upper

96 100

61 1505.1 113.0 209.9#

63 12041.8 91.7 170.3#





#17

trans-1,2-Dichloroethene

Concen: 10.795 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

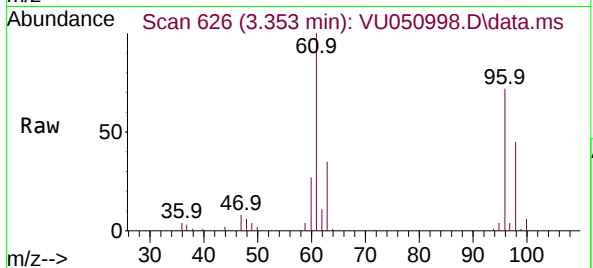
Lab File: VU050998.D

Acq: 29 Sep 2022 22:47

Instrument :

MSVOA_U

ClientSampleId :



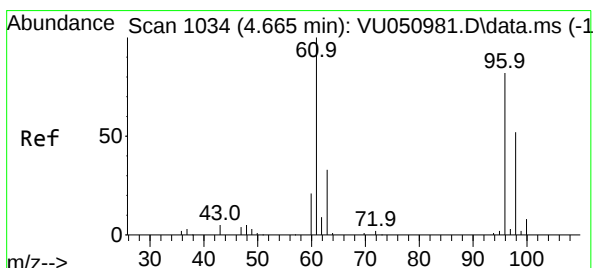
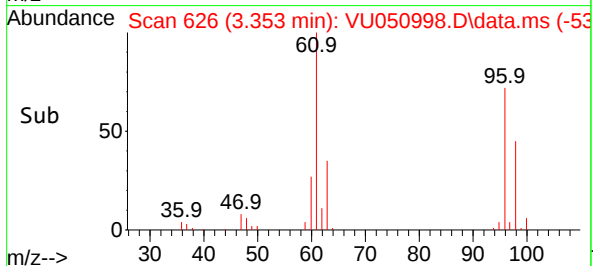
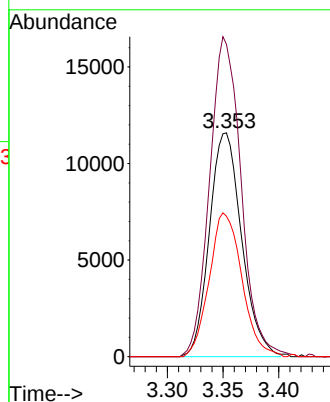
Tgt Ion: 96 Resp: 23318

Ion Ratio Lower Upper

96 100

61 139.6 95.1 176.5

98 62.8 45.1 83.7



#20

cis-1,2-Dichloroethene

Concen: 5.713 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050998.D

Acq: 29 Sep 2022 22:47

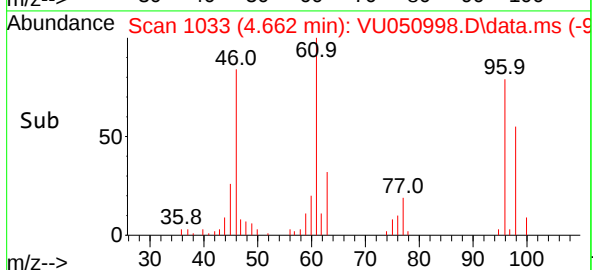
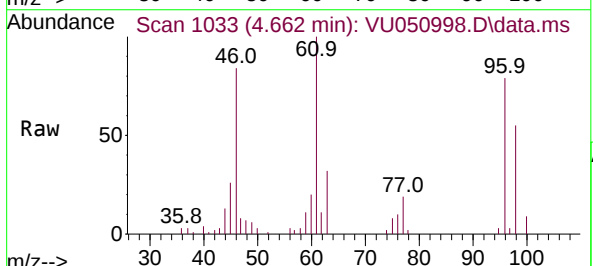
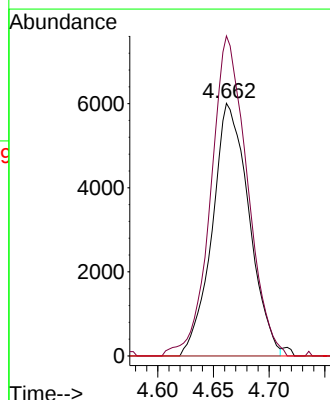
Tgt Ion: 96 Resp: 13778

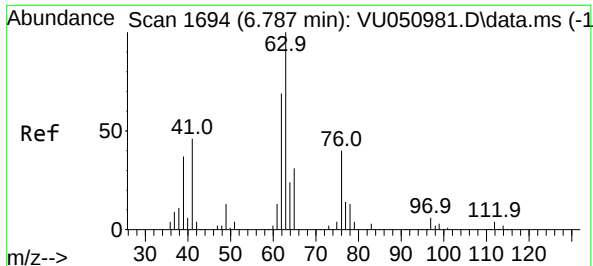
Ion Ratio Lower Upper

96 100

61 126.6 85.4 158.6

68 0.0 0.0 0.0





#37

1,2-Dichloropropane

Concen: 6.539 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU050998.D

Acq: 29 Sep 2022 22:47

Instrument :

MSVOA_U

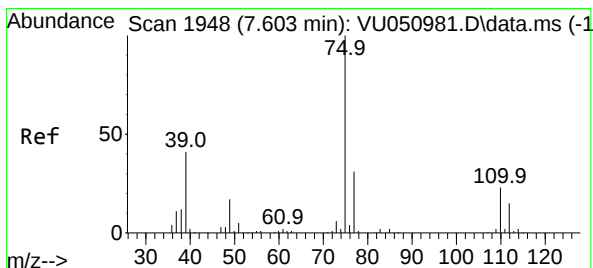
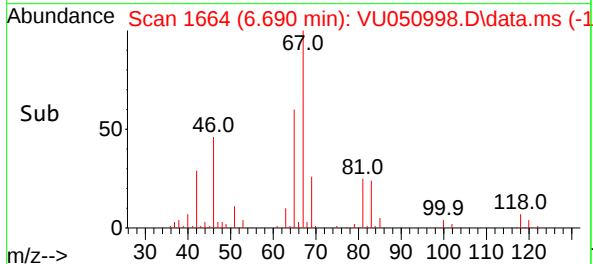
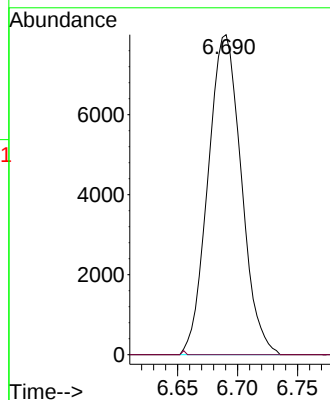
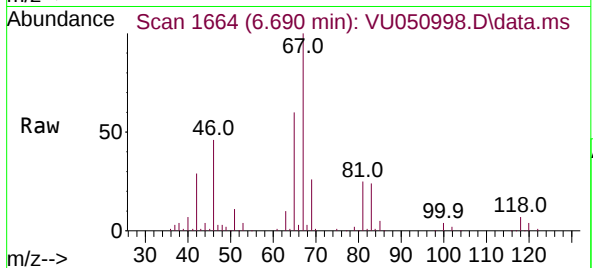
ClientSampleId :

Tgt Ion: 63 Resp: 15435

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 1.235 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.042 min

Lab File: VU050998.D

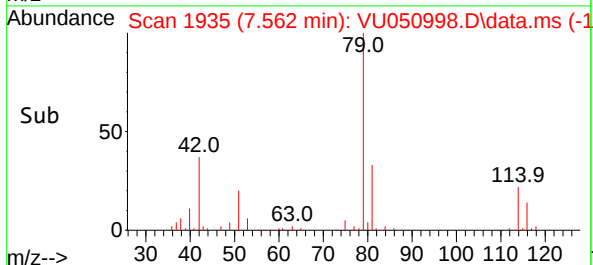
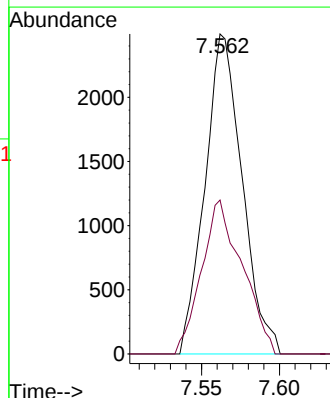
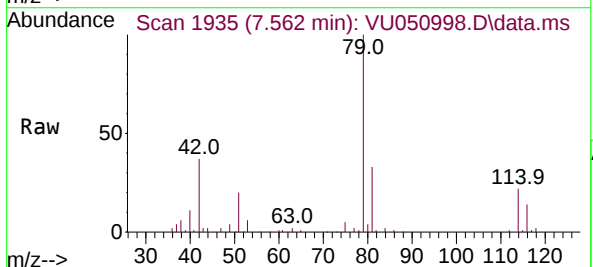
Acq: 29 Sep 2022 22:47

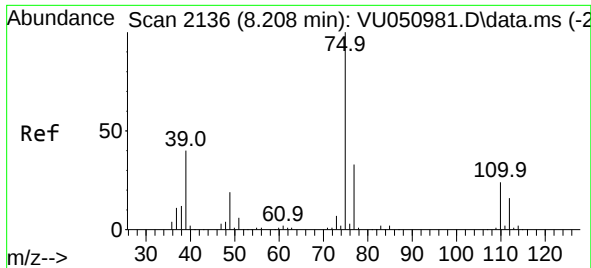
Tgt Ion: 75 Resp: 4129

Ion Ratio Lower Upper

75 100

77 48.1 22.0 41.0#

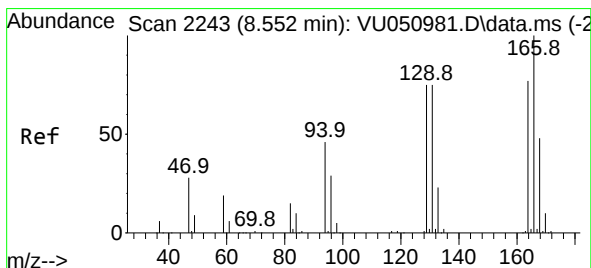
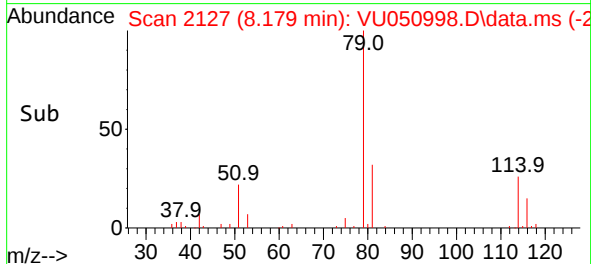
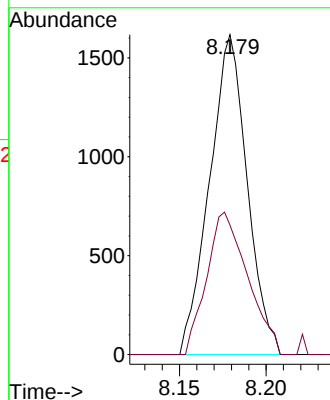
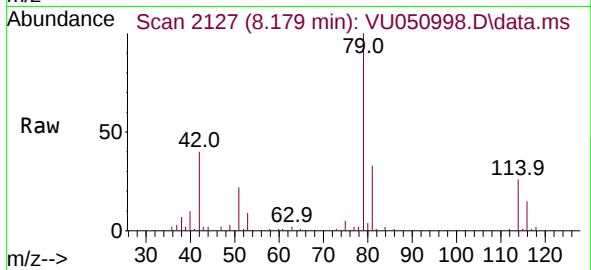




#44
trans-1,3-Dichloropropene
Concen: 0.723 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU050998.D
Acq: 29 Sep 2022 22:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2442
Ion Ratio Lower Upper
75 100
77 40.5 22.7 42.3



#46
Tetrachloroethene
Concen: 24.433 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU050998.D
Acq: 29 Sep 2022 22:47

Tgt Ion: 164 Resp: 42035
Ion Ratio Lower Upper
164 100
129 97.5 68.1 126.5
131 94.5 67.8 126.0
166 126.2 90.5 168.1

