

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051982.D
 Acq On : 20 Nov 2022 18:40
 Operator : JC/MD
 Sample : N5710-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY6

Quant Time: Nov 21 01:03:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

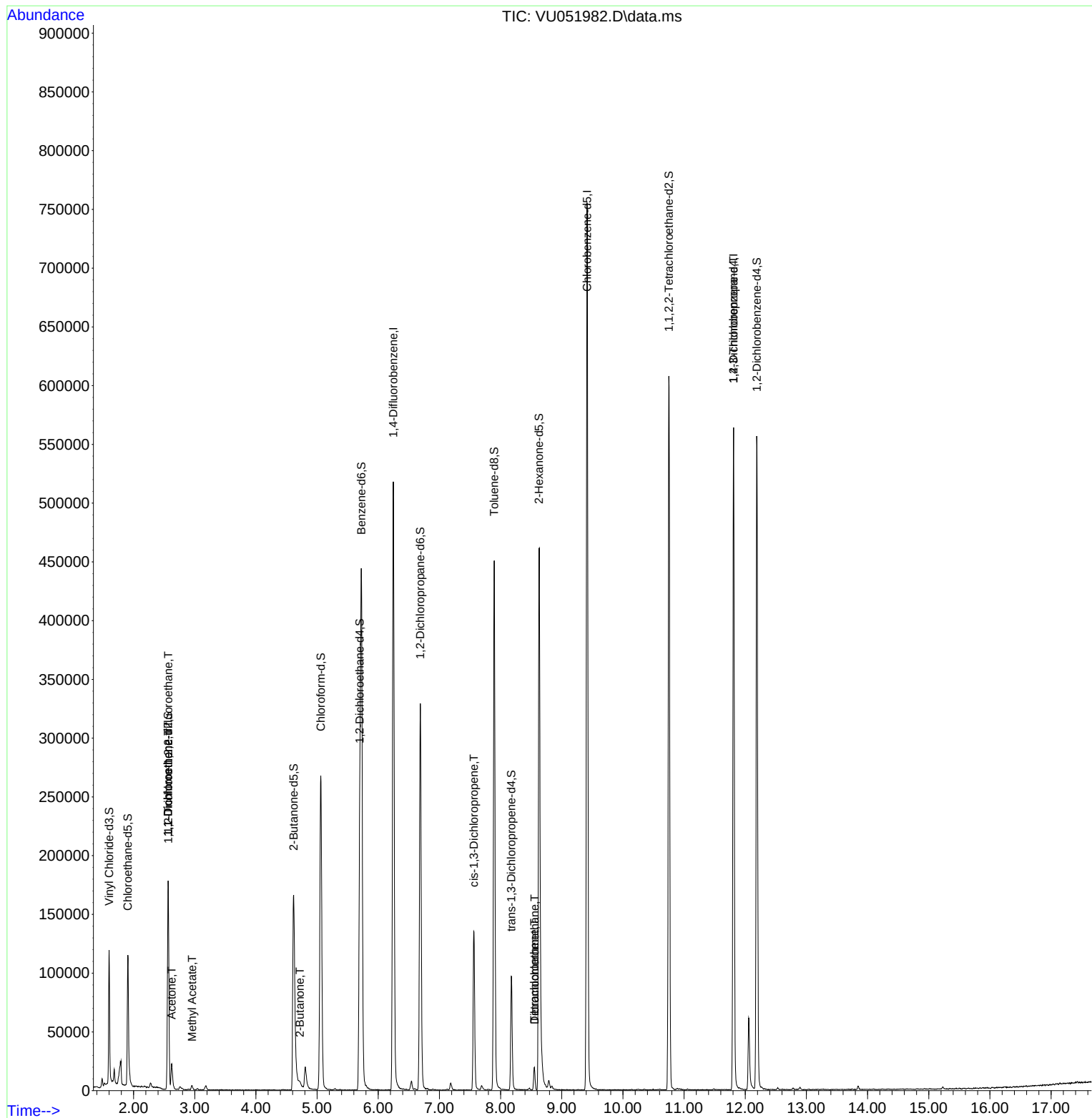
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	432042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	436555	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	157020	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82654	38.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.940%		
7) Chloroethane-d5	1.906	69	96748	45.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.060%		
11) 1,1-Dichloroethene-d2	2.565	63	105756	27.805	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.600%#		
21) 2-Butanone-d5	4.617	46	241164	99.991	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.990%		
24) Chloroform-d	5.060	84	249994	47.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.040%		
26) 1,2-Dichloroethane-d4	5.697	65	157166	48.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.580%		
32) Benzene-d6	5.726	84	421650	46.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.640%		
36) 1,2-Dichloropropane-d6	6.687	67	165433	48.827	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.660%		
41) Toluene-d8	7.896	98	310898	41.612	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.220%		
43) trans-1,3-Dichloroprop...	8.176	79	54224	40.180	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.360%		
47) 2-Hexanone-d5	8.629	63	151924	88.228	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.230%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	311560	47.247	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.500%		
66) 1,2-Dichlorobenzene-d4	12.189	152	154230	55.814	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1054	0.382	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1086	0.422	ug/L #	1
13) Acetone	2.623	43	22974	8.903	ug/L	98
15) Methyl Acetate	2.957	43	4430	1.259	ug/L #	88
22) 2-Butanone	4.719	43	8436	2.895	ug/L	89
39) cis-1,3-Dichloropropene	7.562	75	3101	0.667	ug/L #	66
46) Tetrachloroethene	8.552	164	4762	2.004	ug/L	88
49) Dibromochloromethane	8.555	129	4253	1.142	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	18358	4.888	ug/L #	67

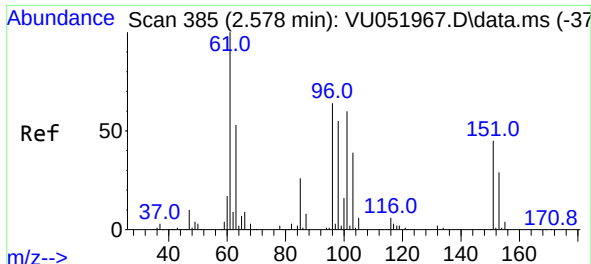
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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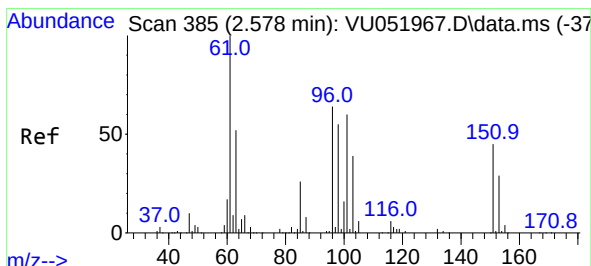
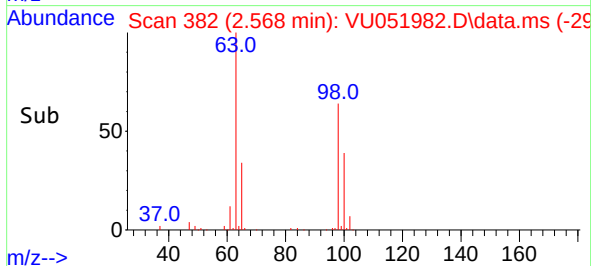
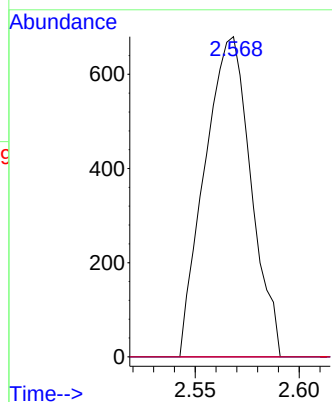
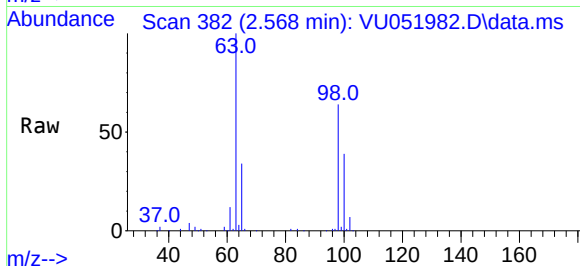




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.382 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.007 min
Lab File: VU051982.D
Acq: 20 Nov 2022 18:40

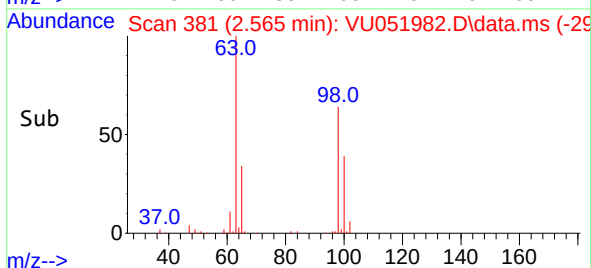
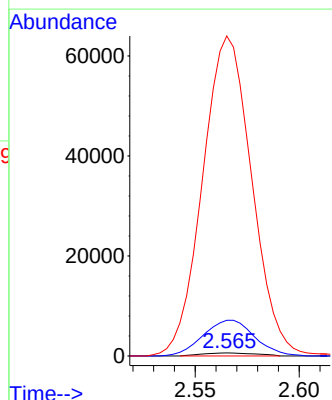
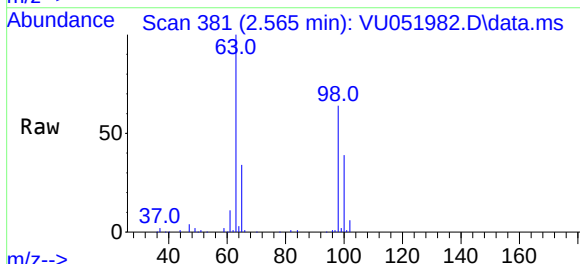
Instrument :
MSVOA_U
ClientSampleId :
C0KY6

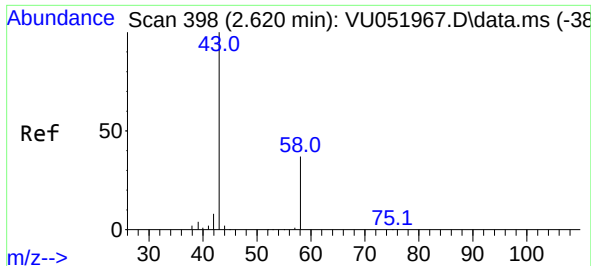
Tgt Ion:101 Resp: 1054
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.2#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 0.422 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051982.D
Acq: 20 Nov 2022 18:40

Tgt Ion: 96 Resp: 1086
Ion Ratio Lower Upper
96 100
61 1181.3 110.7 205.5#
63 10610.9 68.6 127.4#





#13

Acetone

Concen: 8.903 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051982.D

Acq: 20 Nov 2022 18:40

Instrument :

MSVOA_U

ClientSampleId :

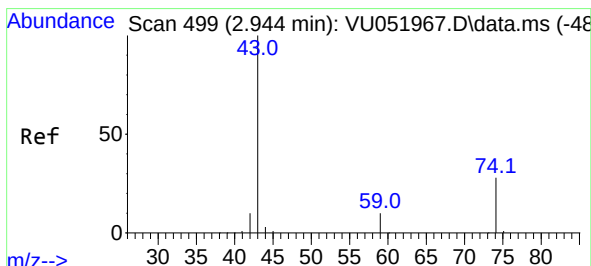
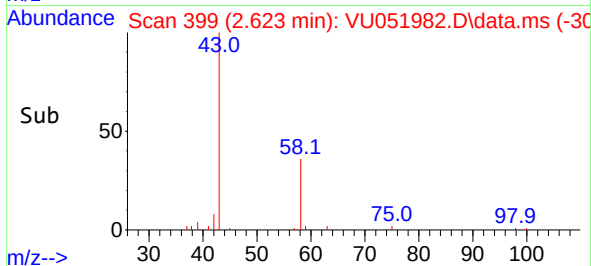
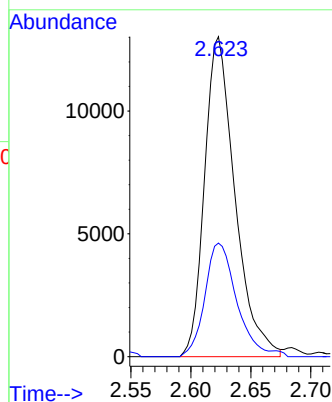
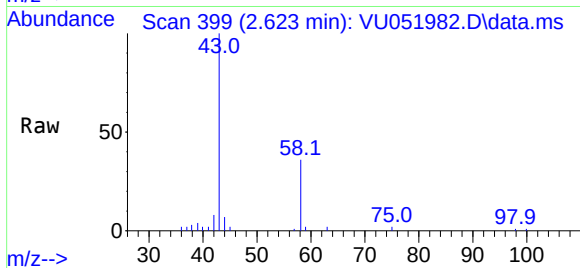
C0KY6

Tgt Ion: 43 Resp: 22974

Ion Ratio Lower Upper

43 100

58 36.6 0.0 75.4



#15

Methyl Acetate

Concen: 1.259 ug/L

RT: 2.957 min Scan# 503

Delta R.T. 0.016 min

Lab File: VU051982.D

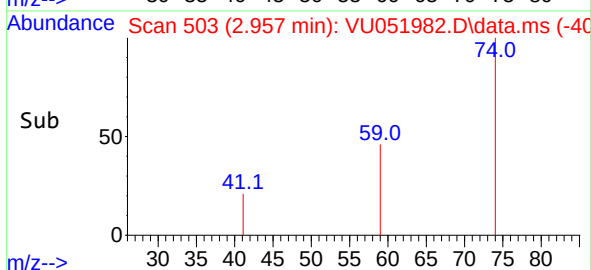
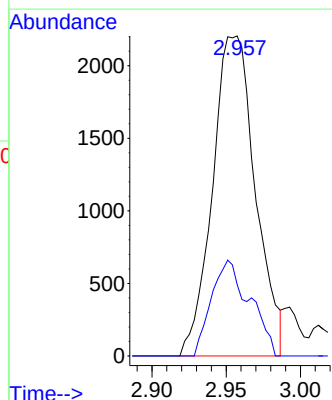
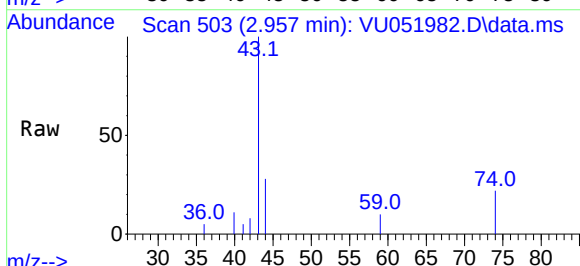
Acq: 20 Nov 2022 18:40

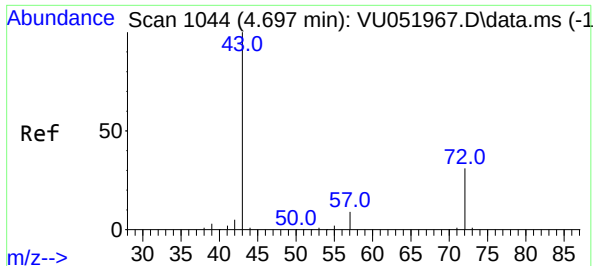
Tgt Ion: 43 Resp: 4430

Ion Ratio Lower Upper

43 100

74 20.9 21.8 32.8#





#22

2-Butanone

Concen: 2.895 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.022 min

Lab File: VU051982.D

Acq: 20 Nov 2022 18:40

Instrument :

MSVOA_U

ClientSampleId :

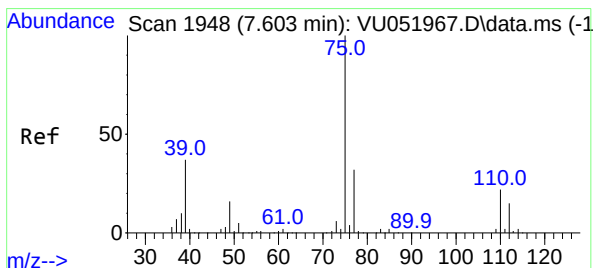
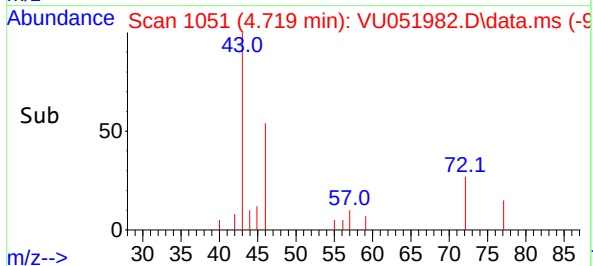
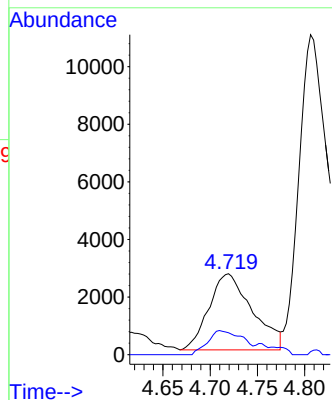
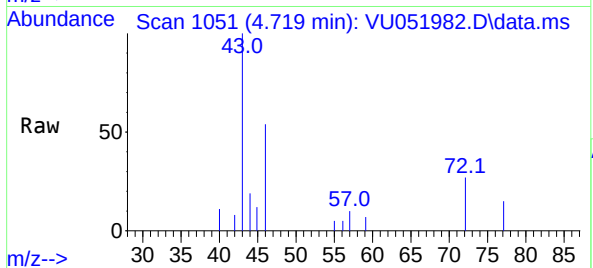
C0KY6

Tgt Ion: 43 Resp: 8436

Ion Ratio Lower Upper

43 100

72 25.1 15.7 47.1



#39

cis-1,3-Dichloropropene

Concen: 0.667 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU051982.D

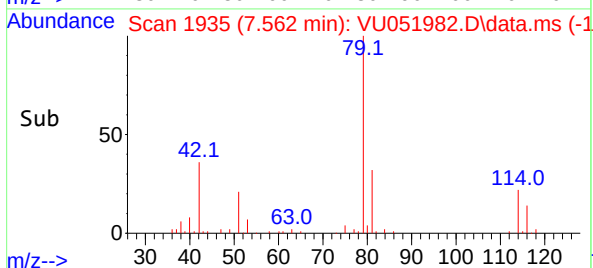
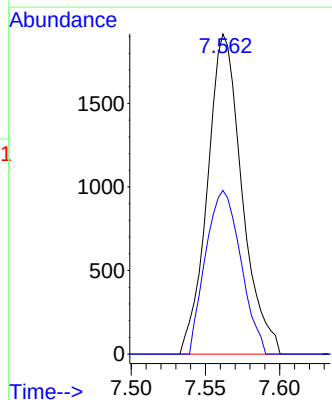
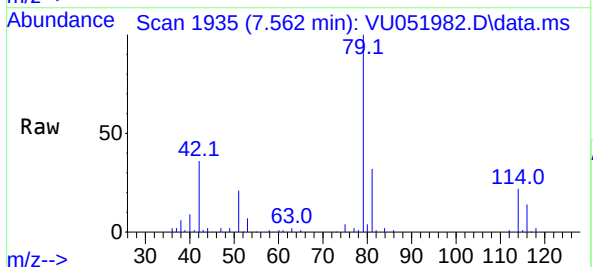
Acq: 20 Nov 2022 18:40

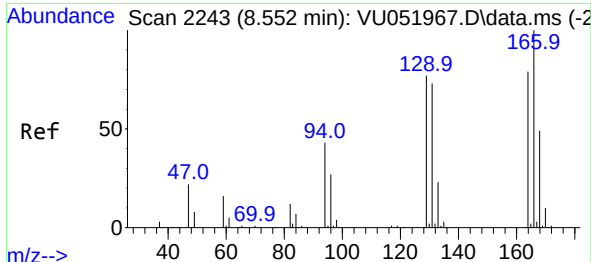
Tgt Ion: 75 Resp: 3101

Ion Ratio Lower Upper

75 100

77 51.1 22.5 41.7#





#46

Tetrachloroethene

Concen: 2.004 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051982.D

Acq: 20 Nov 2022 18:40

Instrument :

MSVOA_U

ClientSampleId :

C0KY6

Tgt Ion:164 Resp: 4762

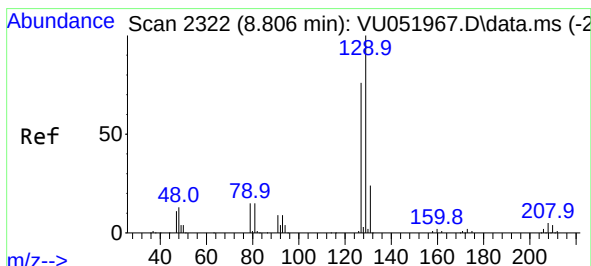
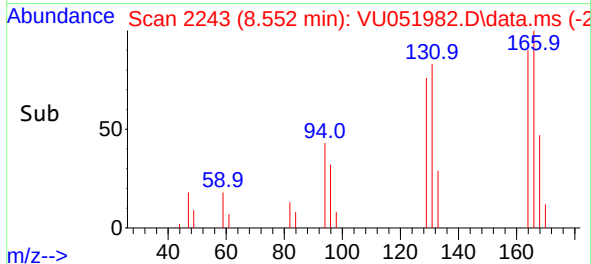
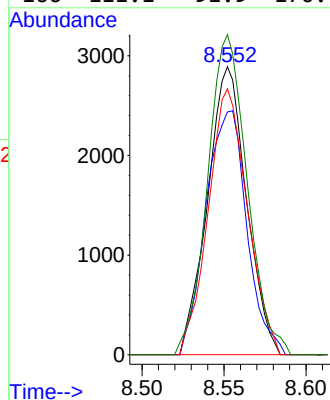
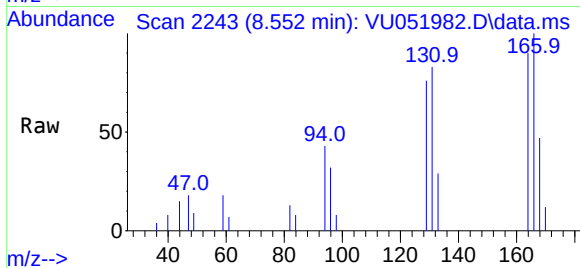
Ion Ratio Lower Upper

164 100

129 84.3 68.5 127.1

131 92.3 66.6 123.8

166 111.1 91.9 170.7



#49

Dibromochloromethane

Concen: 1.142 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.254 min

Lab File: VU051982.D

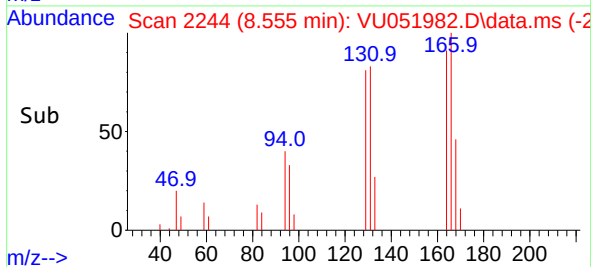
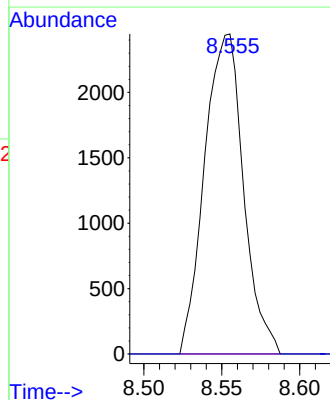
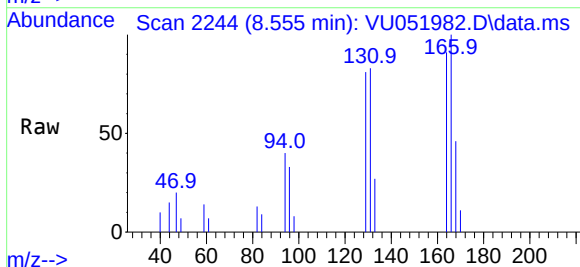
Acq: 20 Nov 2022 18:40

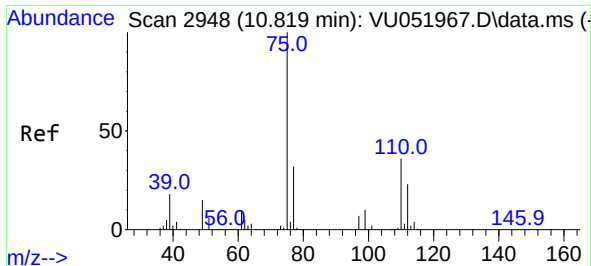
Tgt Ion:129 Resp: 4253

Ion Ratio Lower Upper

129 100

127 0.0 54.4 101.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.888 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051982.D
 Acq: 20 Nov 2022 18:40

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Tgt Ion: 75	Resp:	18358
Ion Ratio	Lower	Upper
75	100	
77	30.9	26.2 39.4
110	0.7	29.0 43.4#

