

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050842.D
 Acq On : 20 Sep 2022 19:34
 Operator : JC/MD
 Sample : N4651-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ43

Quant Time: Sep 21 02:26:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

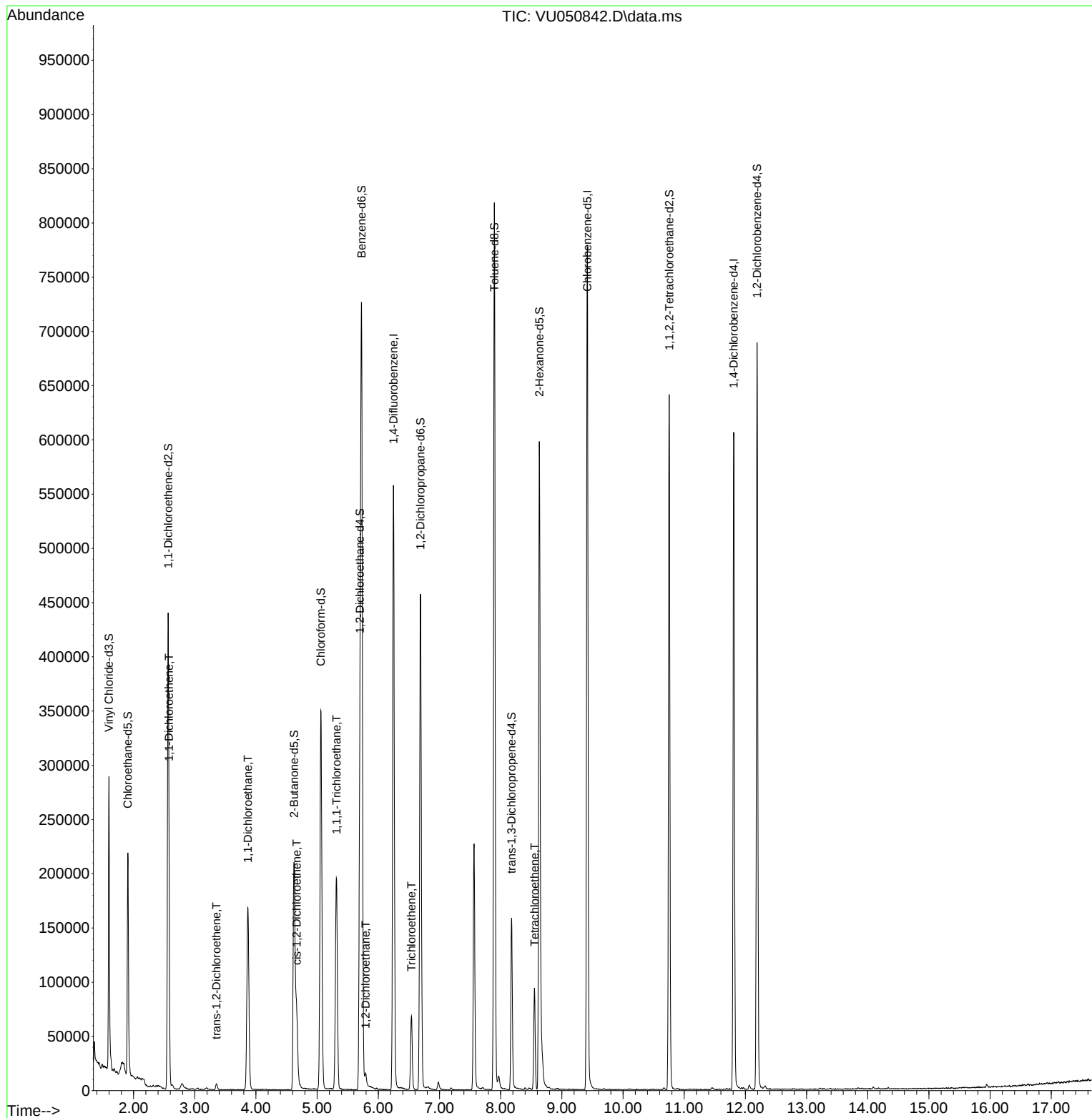
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	443014	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	424404	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	159954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	198871	43.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.660%
7) Chloroethane-d5	1.906	69	155594	47.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	63	253417	35.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.960%
21) 2-Butanone-d5	4.623	46	309996	104.614	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.610%
24) Chloroform-d	5.060	84	327043	45.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
26) 1,2-Dichloroethane-d4	5.700	65	210261	47.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
32) Benzene-d6	5.726	84	668714	47.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	6.691	67	228722	48.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.940%
41) Toluene-d8	7.896	98	536768	43.928	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
43) trans-1,3-Dichloroprop...	8.179	79	89588	43.644	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
47) 2-Hexanone-d5	8.633	63	190845	98.146	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.150%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	325125	45.194	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	173991	51.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.900%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	23686	6.955	ug/L	# 1
17) trans-1,2-Dichloroethene	3.353	96	2301	0.659	ug/L	92
19) 1,1-Dichloroethane	3.867	63	196381	27.842	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	28189	7.283	ug/L	88
27) 1,2-Dichloroethane	5.793	62	9000	1.685	ug/L	98
30) 1,1,1-Trichloroethane	5.318	97	143622	25.437	ug/L	97
34) Trichloroethene	6.543	95	23166	6.385	ug/L	96
46) Tetrachloroethene	8.555	164	20615	7.907	ug/L	98

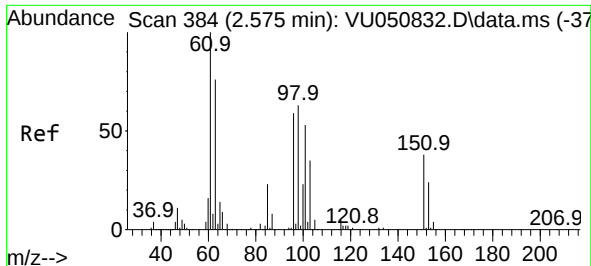
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.955 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU050842.D

Acq: 20 Sep 2022 19:34

Instrument :

MSVOA_U

ClientSampleId :

EXZ43

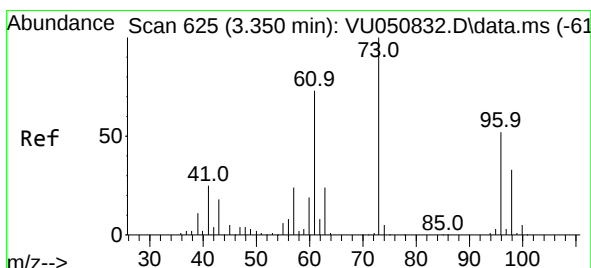
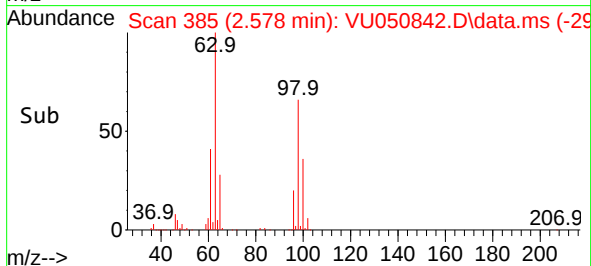
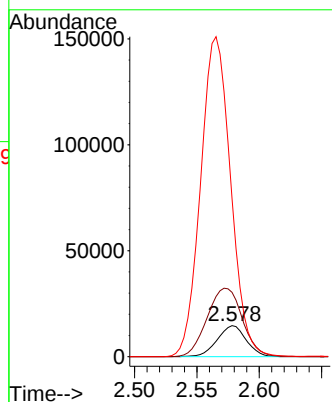
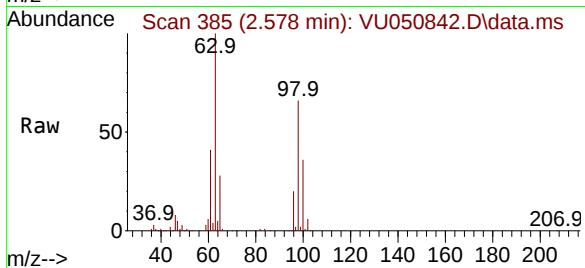
Tgt Ion: 96 Resp: 23686

Ion Ratio Lower Upper

96 100

61 207.2 118.6 220.2

63 509.9 90.4 168.0#



#17

trans-1,2-Dichloroethene

Concen: 0.659 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU050842.D

Acq: 20 Sep 2022 19:34

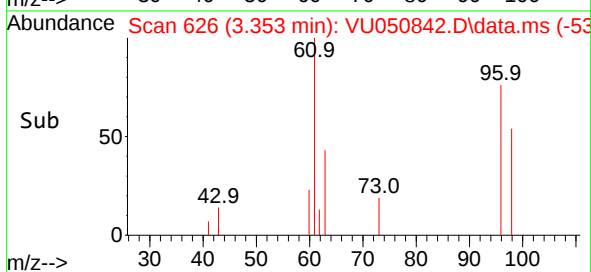
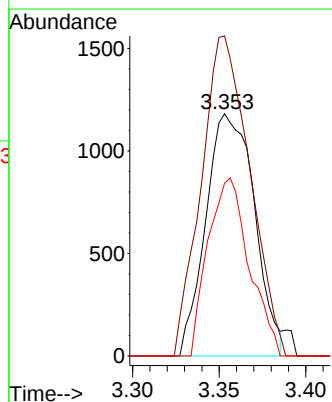
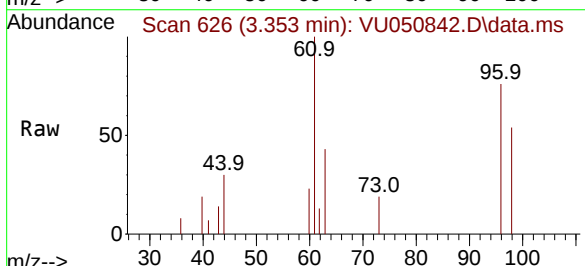
Tgt Ion: 96 Resp: 2301

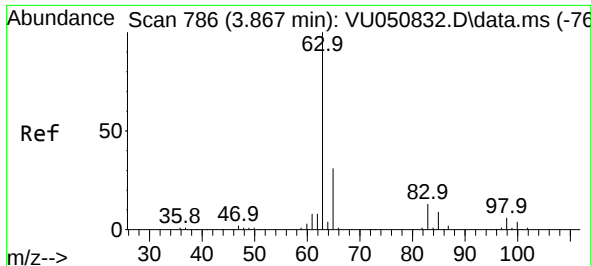
Ion Ratio Lower Upper

96 100

61 132.1 98.0 182.0

98 71.2 44.3 82.3

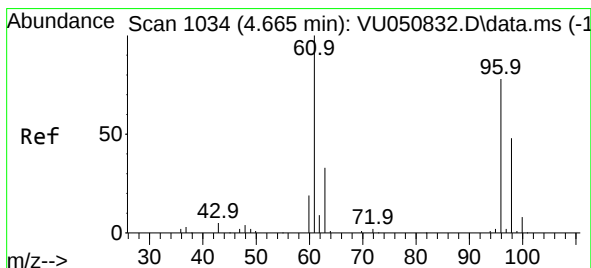
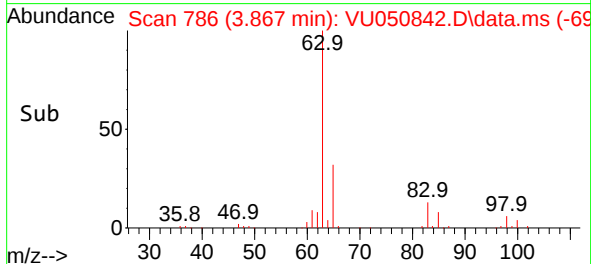
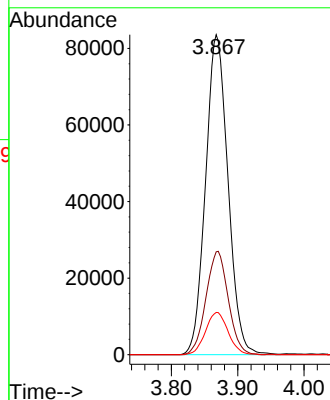
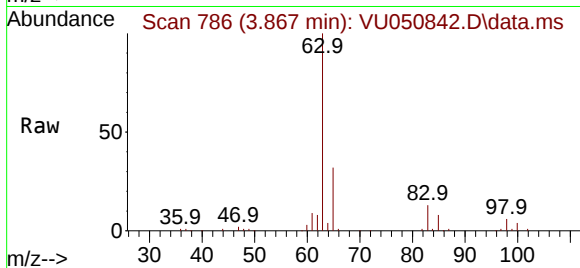




#19
1,1-Dichloroethane
Concen: 27.842 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050842.D
Acq: 20 Sep 2022 19:34

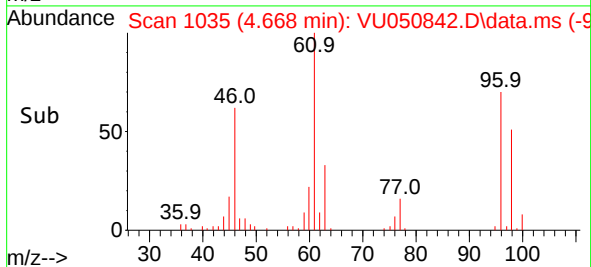
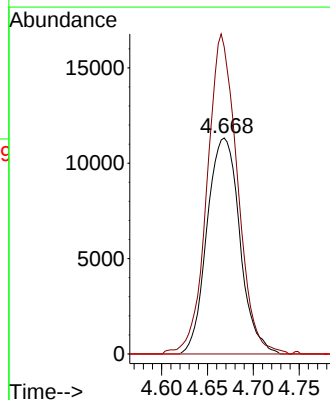
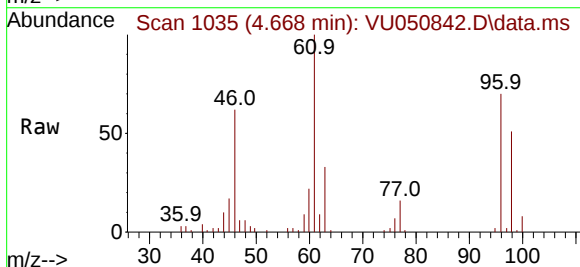
Instrument :
MSVOA_U
ClientSampleId :
EXZ43

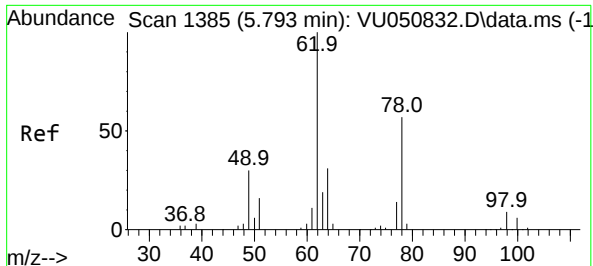
Tgt Ion: 63 Resp: 196381
Ion Ratio Lower Upper
63 100
65 32.1 21.5 39.9
83 13.2 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 7.283 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050842.D
Acq: 20 Sep 2022 19:34

Tgt Ion: 96 Resp: 28189
Ion Ratio Lower Upper
96 100
61 142.2 90.1 167.3
68 0.0 0.0 0.0

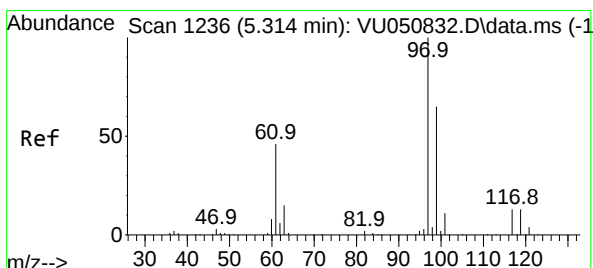
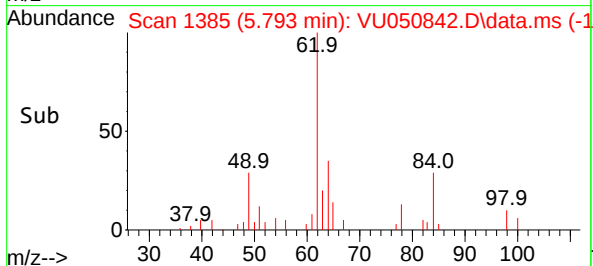
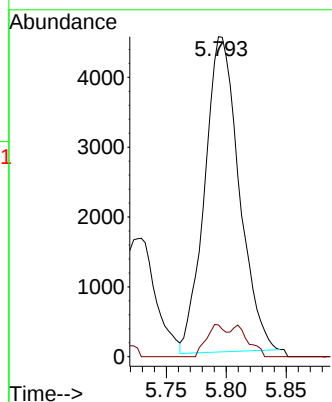
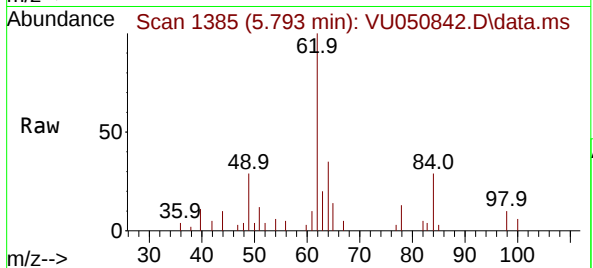




#27
1,2-Dichloroethane
Concen: 1.685 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050842.D
Acq: 20 Sep 2022 19:34

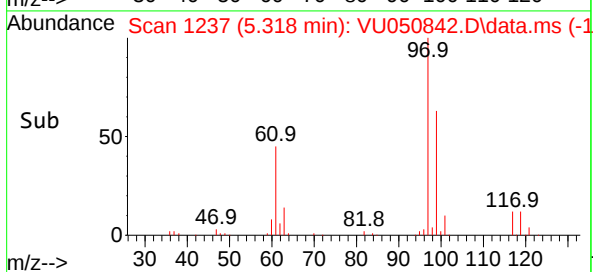
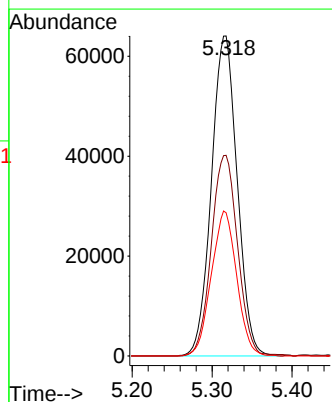
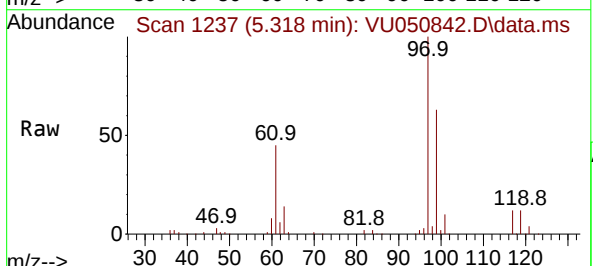
Instrument :
MSVOA_U
ClientSampleId :
EXZ43

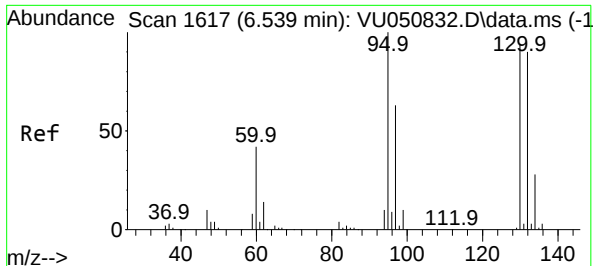
Tgt Ion: 62 Resp: 9000
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0



#30
1,1,1-Trichloroethane
Concen: 25.437 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VU050842.D
Acq: 20 Sep 2022 19:34

Tgt Ion: 97 Resp: 143622
Ion Ratio Lower Upper
97 100
99 63.2 52.2 78.2
61 44.6 37.1 55.7





#34

Trichloroethene

Concen: 6.385 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050842.D

Acq: 20 Sep 2022 19:34

Instrument :

MSVOA_U

ClientSampleId :

EXZ43

Tgt Ion: 95 Resp: 23166

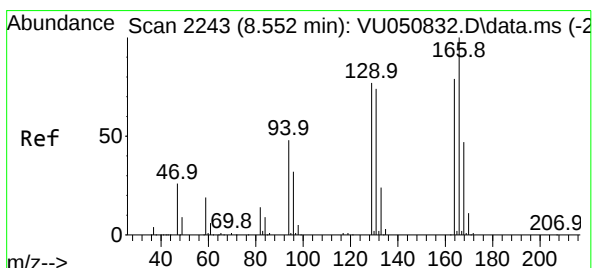
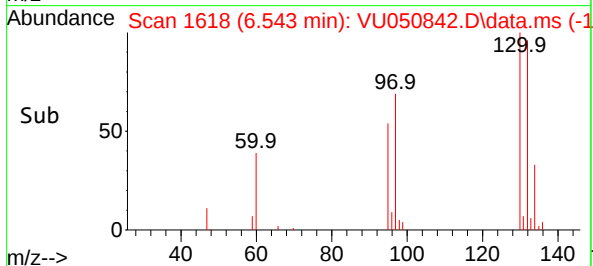
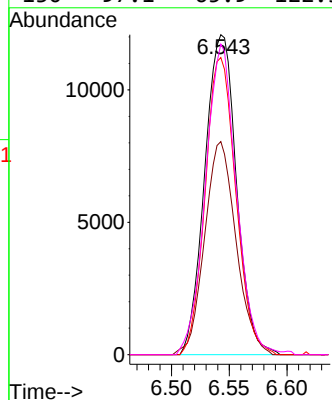
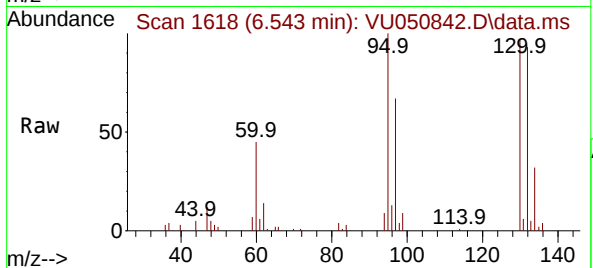
Ion Ratio Lower Upper

95 100

97 66.6 43.9 81.5

132 92.8 63.1 117.1

130 97.1 65.9 122.3



#46

Tetrachloroethene

Concen: 7.907 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050842.D

Acq: 20 Sep 2022 19:34

Tgt Ion:164 Resp: 20615

Ion Ratio Lower Upper

164 100

129 95.1 68.5 127.3

131 92.1 66.1 122.7

166 129.0 88.8 164.8

