

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050921.D
 Acq On : 23 Sep 2022 15:43
 Operator : JC/MD
 Sample : N4650-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ6DL

Quant Time: Sep 24 00:24:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

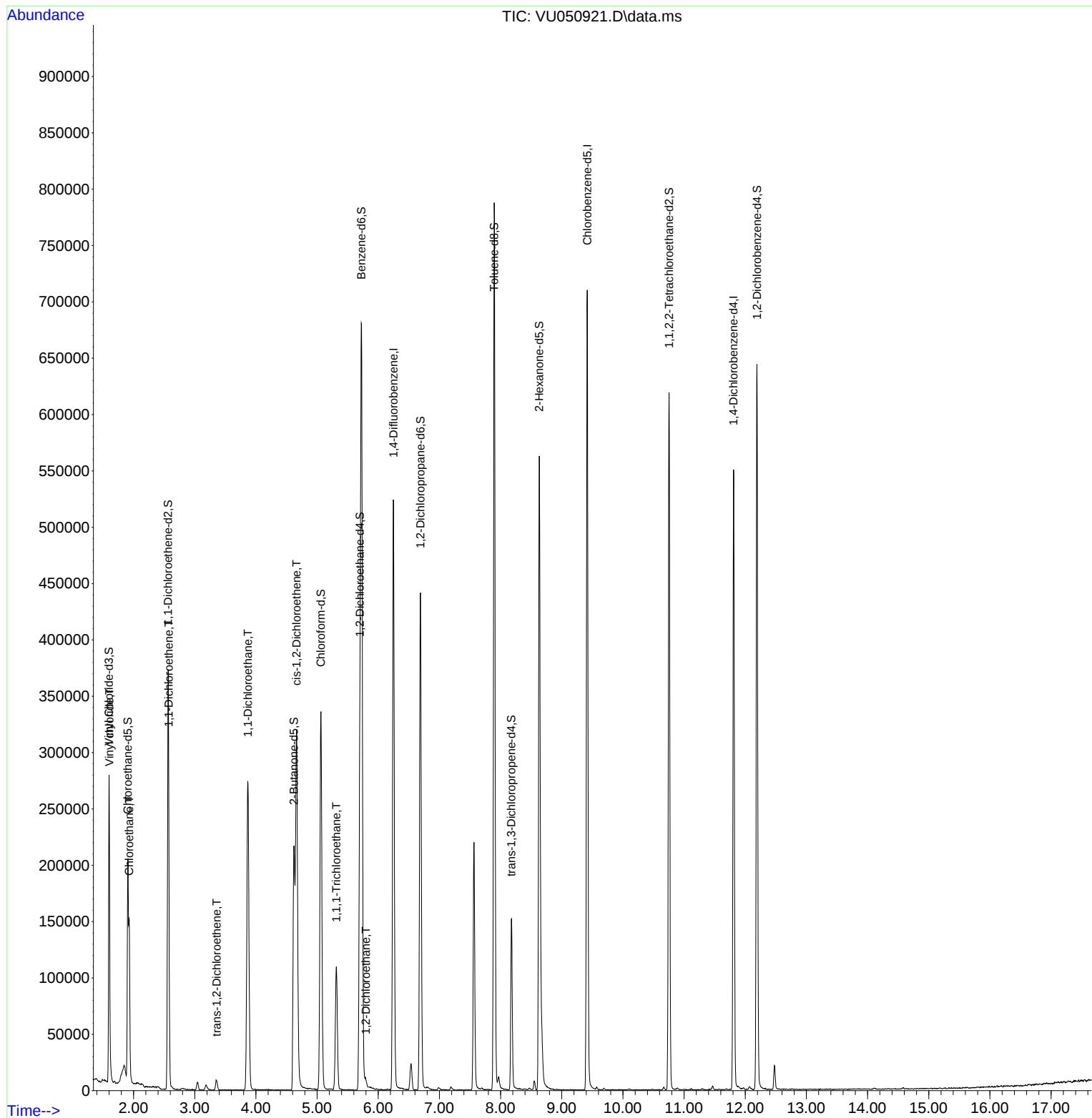
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	415387	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	393529	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	144612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171849	39.931	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.860%	
7) Chloroethane-d5	1.906	69	146259	47.718	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.440%	
11) 1,1-Dichloroethene-d2	2.565	63	219982	32.850	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.700%	
21) 2-Butanone-d5	4.620	46	307800	110.781	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.780%	
24) Chloroform-d	5.063	84	315476	46.776	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.560%	
26) 1,2-Dichloroethane-d4	5.700	65	204617	49.229	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.460%	
32) Benzene-d6	5.726	84	633779	48.895	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.780%	
36) 1,2-Dichloropropane-d6	6.690	67	215716	49.304	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.600%	
41) Toluene-d8	7.896	98	519423	45.843	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.680%	
43) trans-1,3-Dichloroprop...	8.176	79	85429	44.883	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.760%	
47) 2-Hexanone-d5	8.632	63	173408	96.175	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.170%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	316616	47.465	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.920%	
66) 1,2-Dichlorobenzene-d4	12.192	152	165259	54.580	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.160%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	44738	9.139	ug/L	96
8) Chloroethane	1.928	64	85086	31.393	ug/L	98
12) 1,1-Dichloroethene	2.575	96	3360	1.052	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	4113	1.257	ug/L	90
19) 1,1-Dichloroethane	3.867	63	315148	47.652	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	157143	43.300	ug/L	98
27) 1,2-Dichloroethane	5.796	62	5265	1.051	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	79518	15.188	ug/L	99

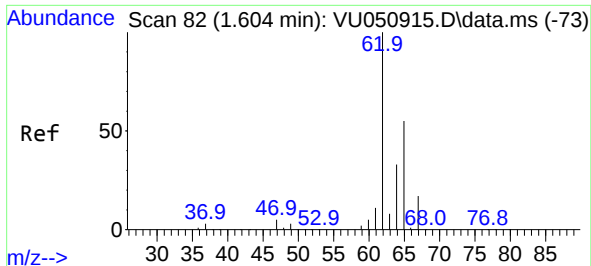
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

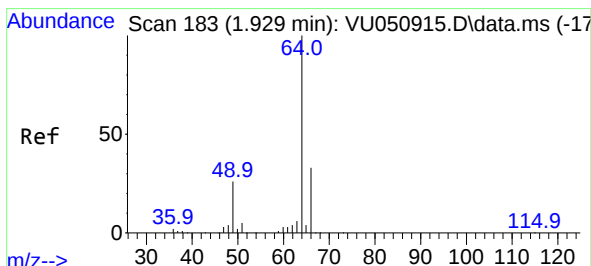
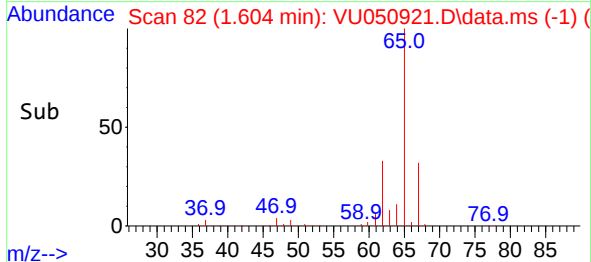
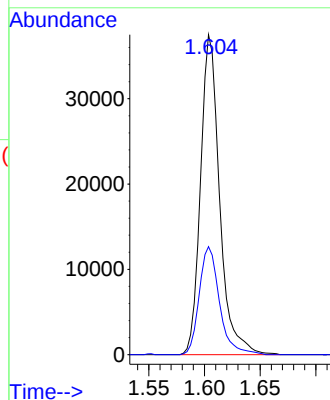
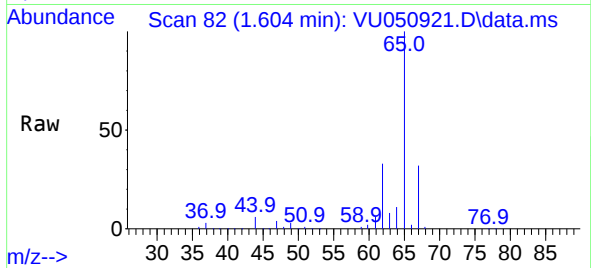




#5
 Vinyl chloride
 Concen: 9.139 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050921.D
 Acq: 23 Sep 2022 15:43

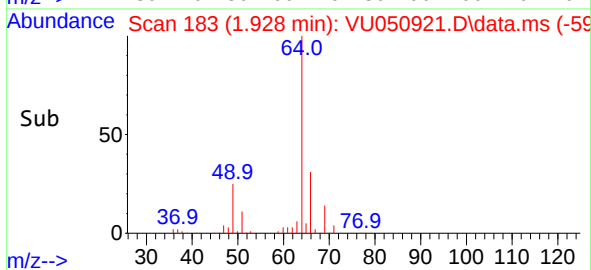
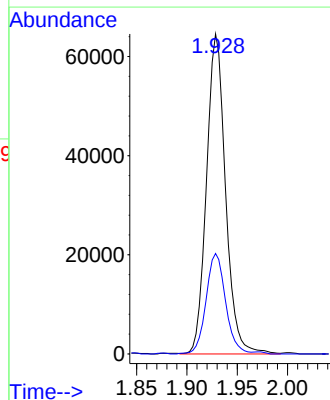
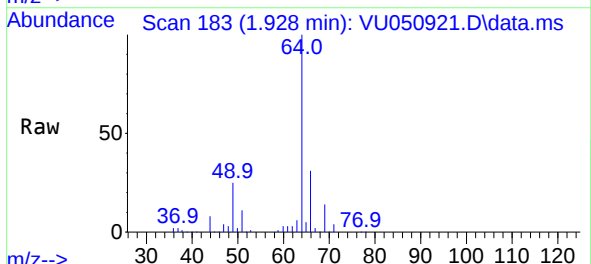
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYZ6DL

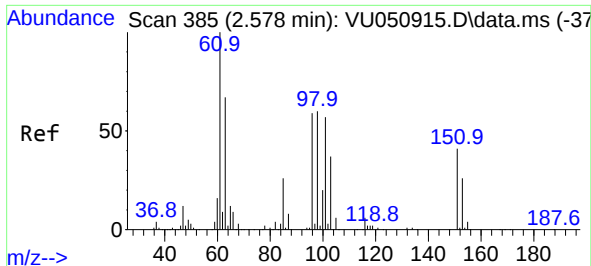
Tgt Ion: 62 Resp: 44738
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.2 41.2



#8
 Chloroethane
 Concen: 31.393 ug/L
 RT: 1.928 min Scan# 183
 Delta R.T. -0.000 min
 Lab File: VU050921.D
 Acq: 23 Sep 2022 15:43

Tgt Ion: 64 Resp: 85086
 Ion Ratio Lower Upper
 64 100
 66 31.4 22.9 42.5





#12

1,1-Dichloroethene

Concen: 1.052 ug/L

RT: 2.575 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU050921.D

Acq: 23 Sep 2022 15:43

Instrument :

MSVOA_U

ClientSampleId :

XYZ6DL

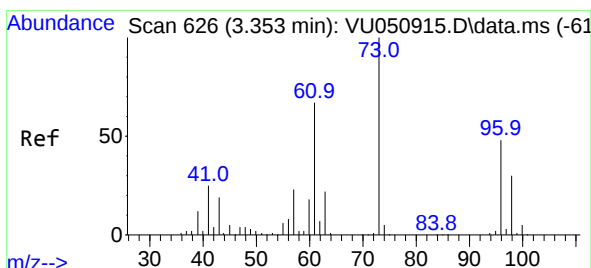
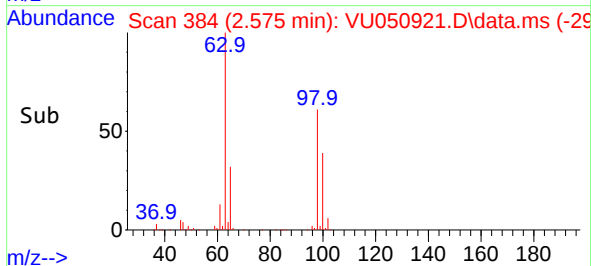
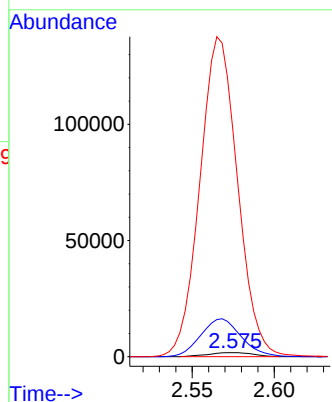
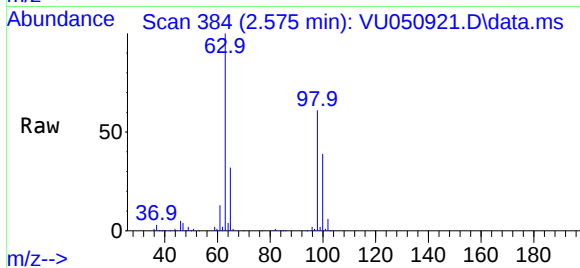
Tgt Ion: 96 Resp: 3360

Ion Ratio Lower Upper

96 100

61 737.3 118.6 220.2#

63 5597.7 90.4 168.0#



#17

trans-1,2-Dichloroethene

Concen: 1.257 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU050921.D

Acq: 23 Sep 2022 15:43

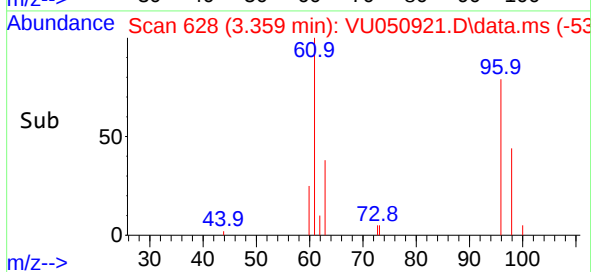
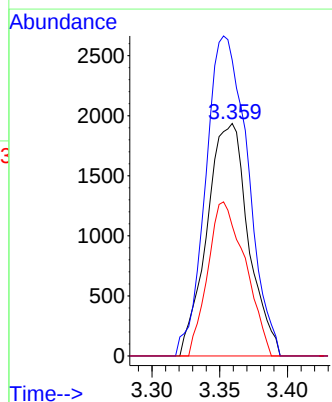
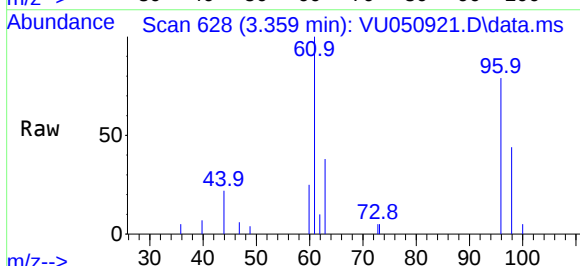
Tgt Ion: 96 Resp: 4113

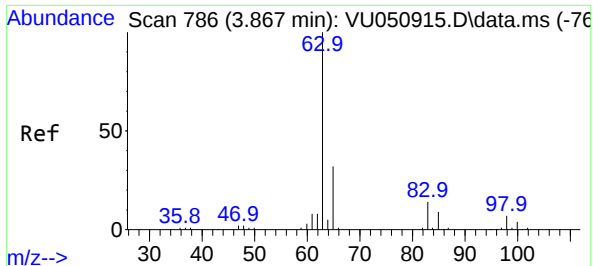
Ion Ratio Lower Upper

96 100

61 127.2 98.0 182.0

98 56.0 44.3 82.3

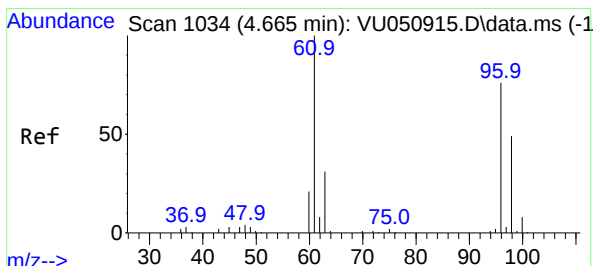
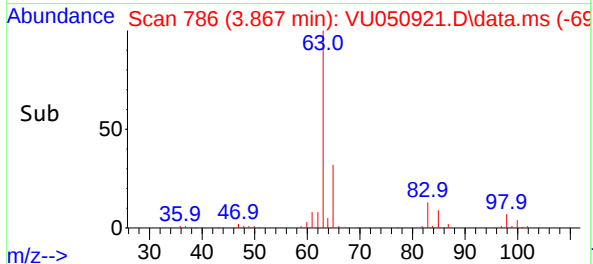
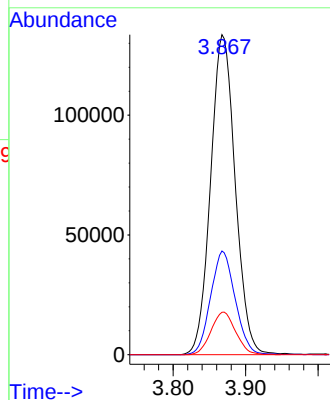
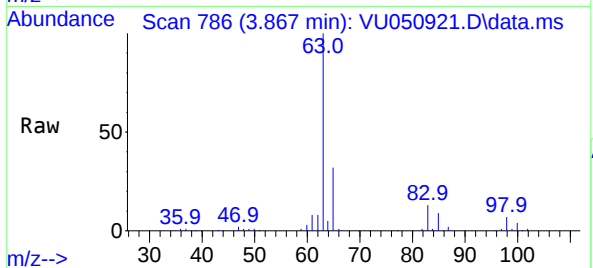




#19
1,1-Dichloroethane
Concen: 47.652 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050921.D
Acq: 23 Sep 2022 15:43

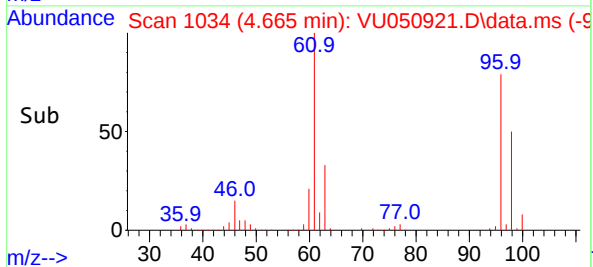
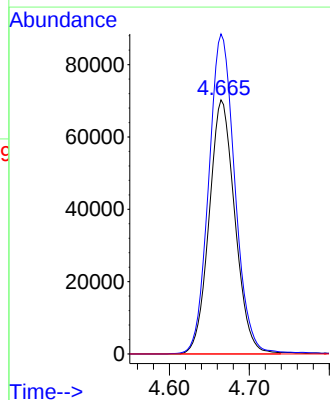
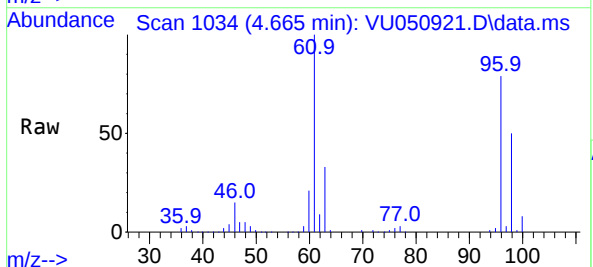
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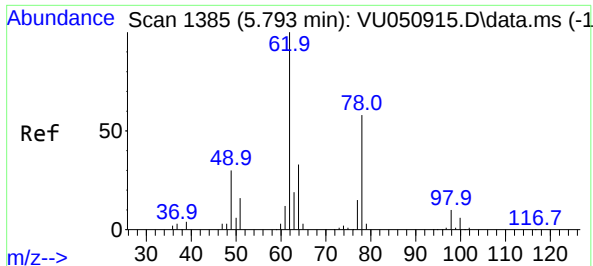
Tgt Ion: 63 Resp: 315148
Ion Ratio Lower Upper
63 100
65 32.4 21.5 39.9
83 13.2 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 43.300 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050921.D
Acq: 23 Sep 2022 15:43

Tgt Ion: 96 Resp: 157143
Ion Ratio Lower Upper
96 100
61 126.0 90.1 167.3
68 0.0 0.0 0.0

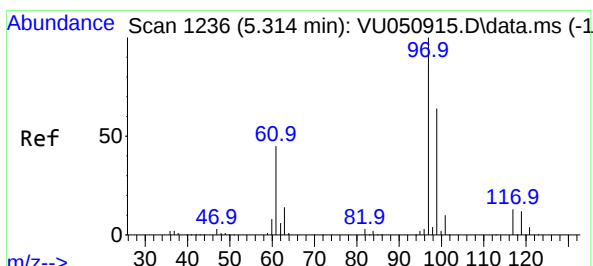
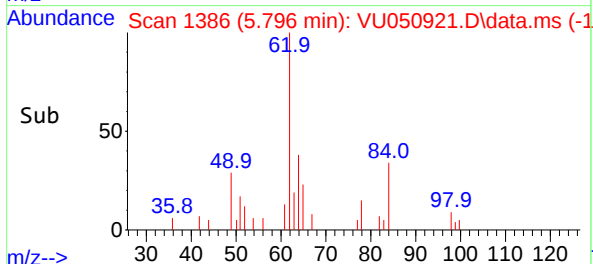
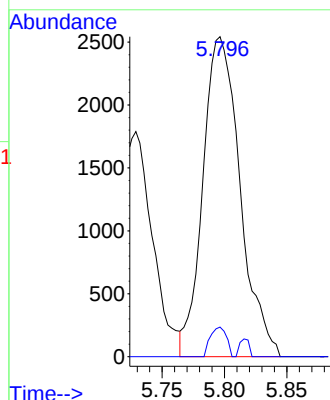
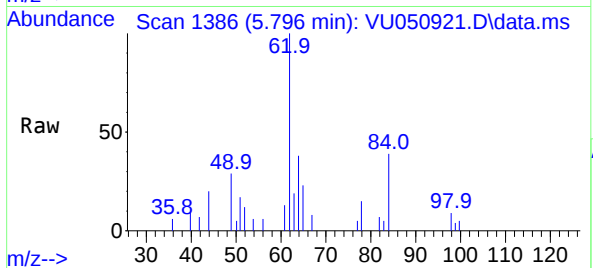




#27
1,2-Dichloroethane
Concen: 1.051 ug/L
RT: 5.796 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050921.D
Acq: 23 Sep 2022 15:43

Instrument :
MSVOA_U
ClientSampleId :
XYZ6DL

Tgt Ion: 62 Resp: 5265
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0



#30
1,1,1-Trichloroethane
Concen: 15.188 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU050921.D
Acq: 23 Sep 2022 15:43

Tgt Ion: 97 Resp: 79518
Ion Ratio Lower Upper
97 100
99 66.2 52.2 78.2
61 45.4 37.1 55.7

