

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043917.D
 Acq On : 24 May 2021 18:50
 Operator : SY/MD
 Sample : M2494-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB413

Quant Time: May 25 04:13:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

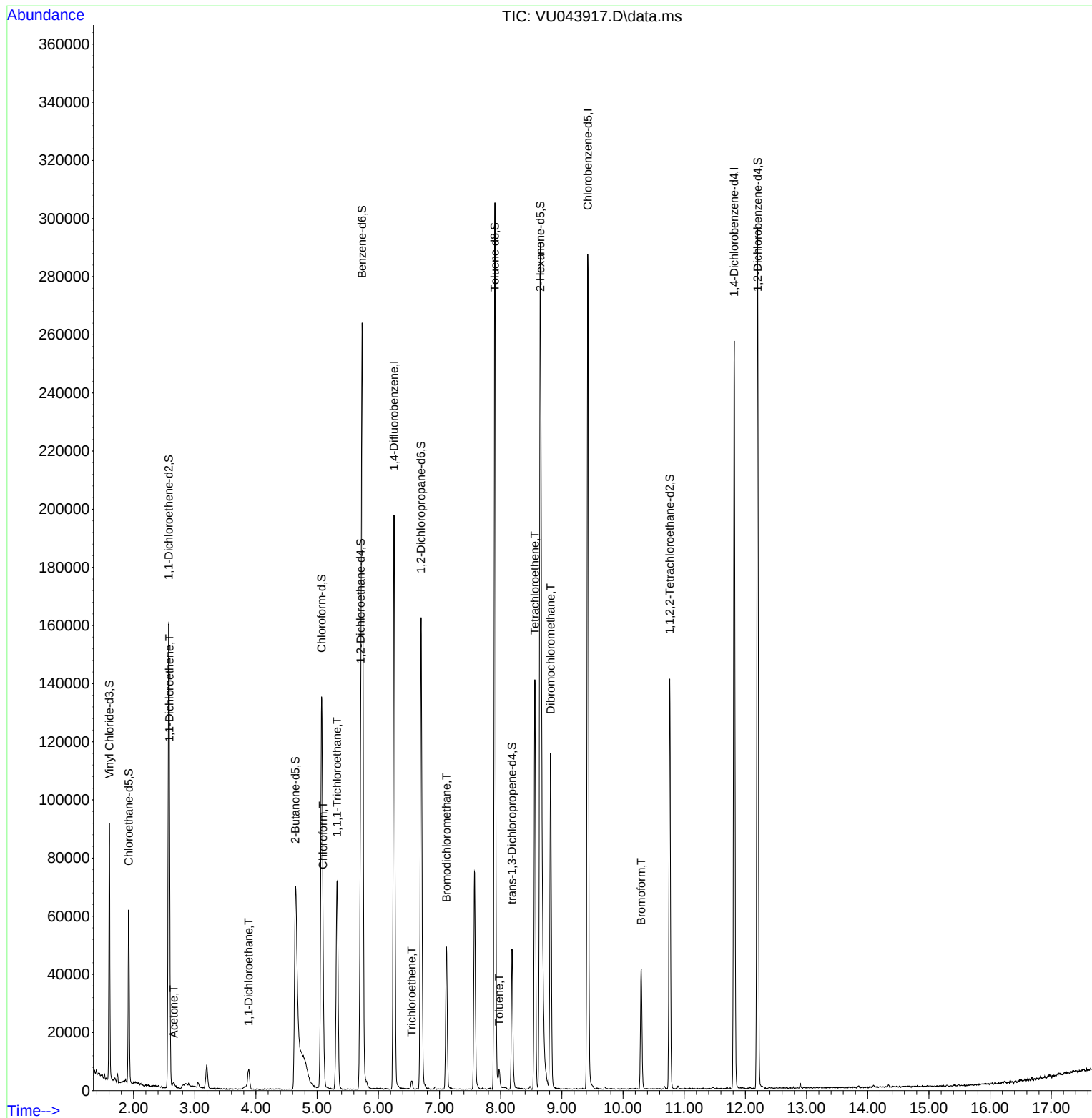
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	169063	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	175009	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74509	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	61821	6.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.40%#
7) Chloroethane-d5	1.919	69	44077	6.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.80%
11) 1,1-Dichloroethene-d2	2.575	65	27583	6.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.40%
20) 2-Butanone-d5	4.645	46	138203	46.32	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.64%
24) Chloroform-d	5.073	84	127003	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	5.713	65	65002	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.735	84	255394	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.700	67	81616	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.906	98	212435	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloroprop...	8.186	79	29383	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.649	63	129420	54.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72077	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	84791	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#
Target Compounds						
12) 1,1-Dichloroethene	2.588	96	9624	0.88	ug/L	# 1
13) Acetone	2.658	43	3842	2.44	ug/L	97
19) 1,1-Dichloroethane	3.880	63	8161	0.42	ug/L	95
25) Chloroform	5.096	83	16358	0.75	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	52762	2.91	ug/L	100
34) Trichloroethene	6.546	95	802	0.07	ug/L	86
38) Bromodichloromethane	7.115	83	33267	2.21	ug/L	98
42) Toluene	7.977	91	4474	0.09	ug/L	98
47) Tetrachloroethene	8.558	164	35074	3.30	ug/L	97
49) Dibromochloromethane	8.819	129	63814	5.74	ug/L	98
59) Bromoform	10.298	173	20025	3.74	ug/L	97

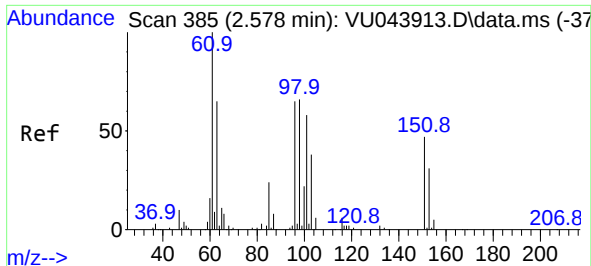
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.88 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

Lab File: VU043917.D

Acq: 24 May 2021 18:50

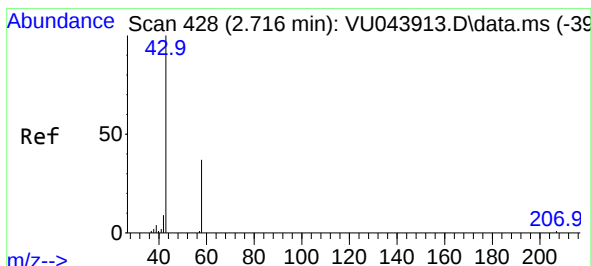
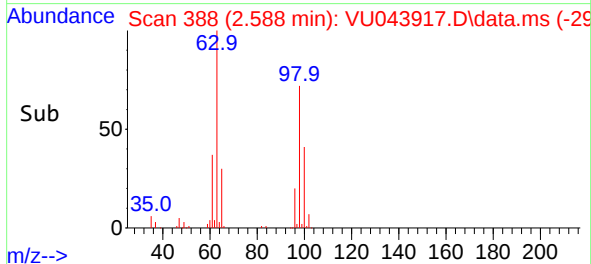
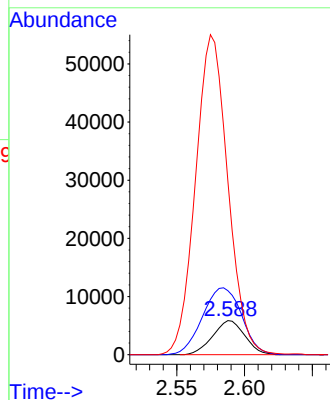
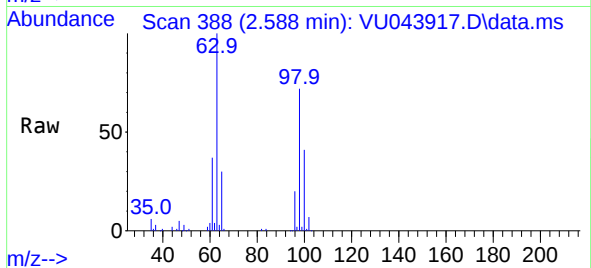
Tgt Ion: 96 Resp: 9624

Ion Ratio Lower Upper

96 100

61 187.5 105.1 195.3

63 508.9 66.6 123.6#



#13

Acetone

Concen: 2.44 ug/L

RT: 2.658 min Scan# 410

Delta R.T. -0.058 min

Lab File: VU043917.D

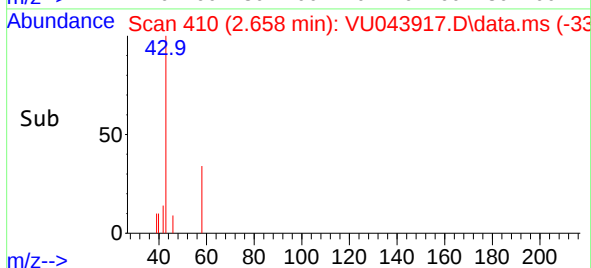
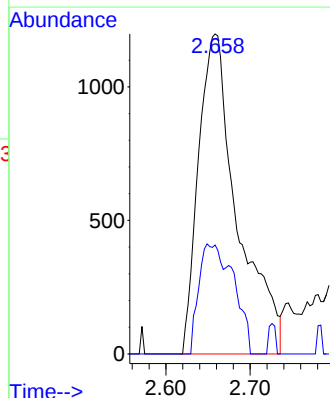
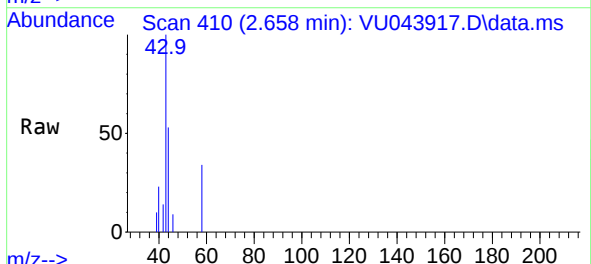
Acq: 24 May 2021 18:50

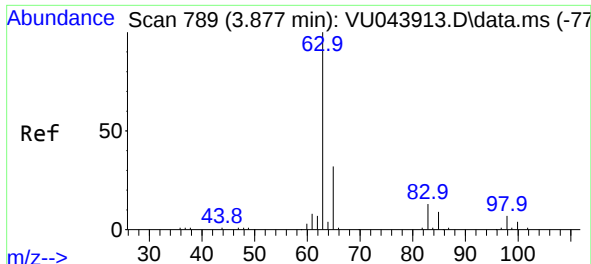
Tgt Ion: 43 Resp: 3842

Ion Ratio Lower Upper

43 100

58 21.6 0.0 46.2

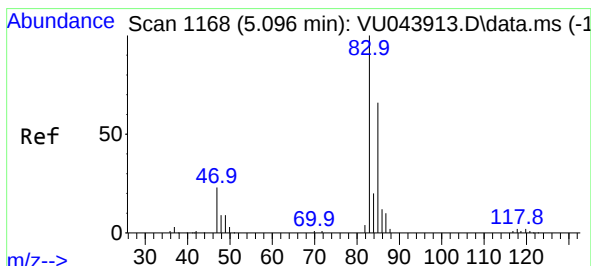
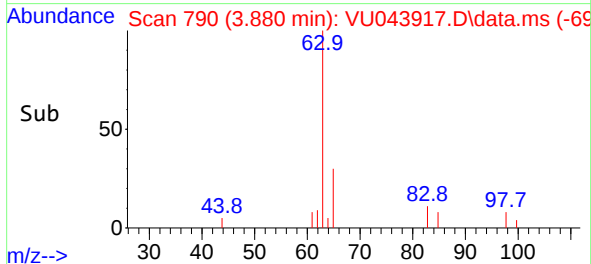
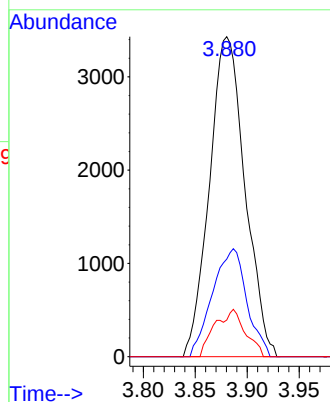
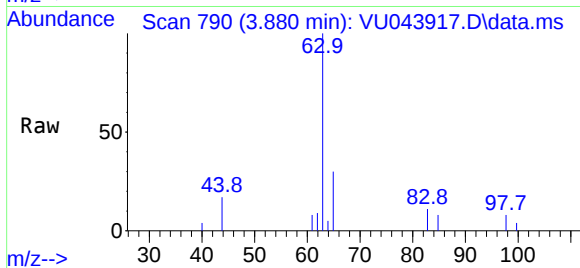




#19
1,1-Dichloroethane
Concen: 0.42 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

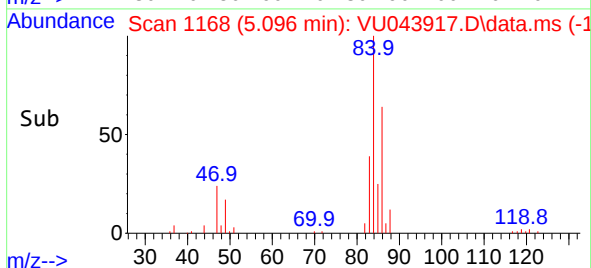
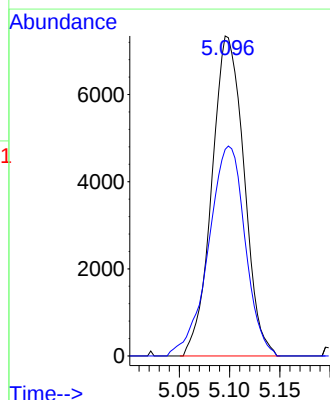
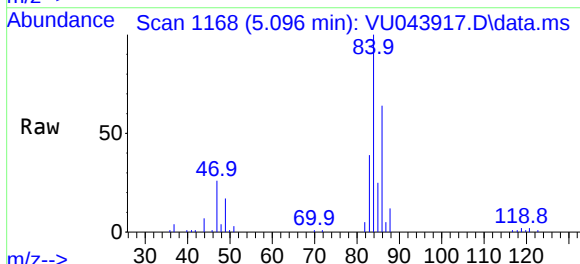
Instrument :
MSVOA_U
ClientSampled :
GB413

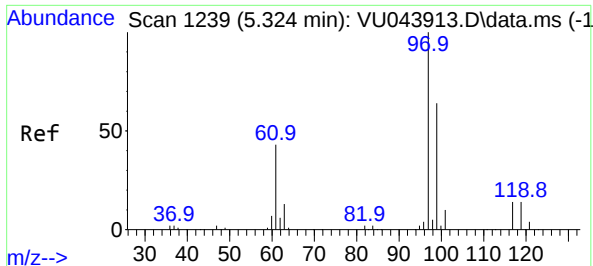
Tgt Ion:	63	Resp:	8161
Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.2	43.2
83	11.5	9.7	18.1



#25
Chloroform
Concen: 0.75 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Tgt Ion:	83	Resp:	16358
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.7	82.9



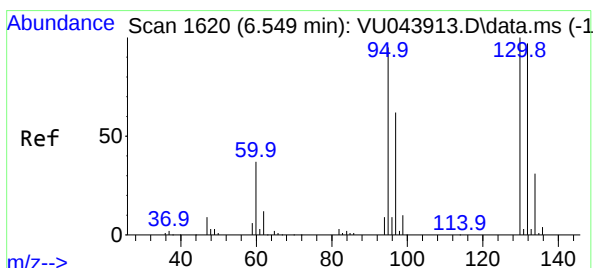
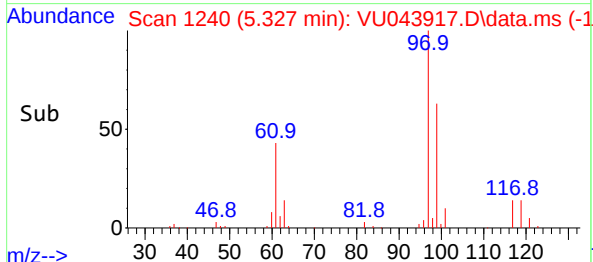
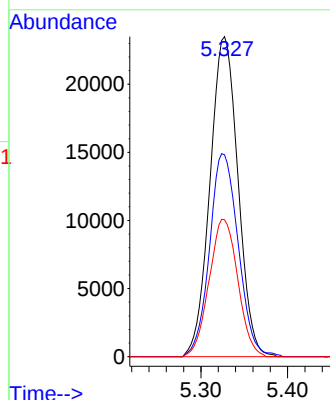
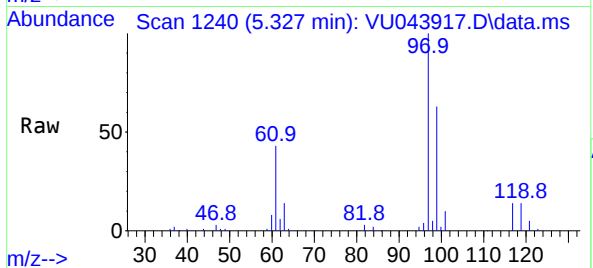


#29
1,1,1-Trichloroethane
Concen: 2.91 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Instrument :
MSVOA_U
ClientSampled :
GB413

Tgt Ion: 97 Resp: 52762

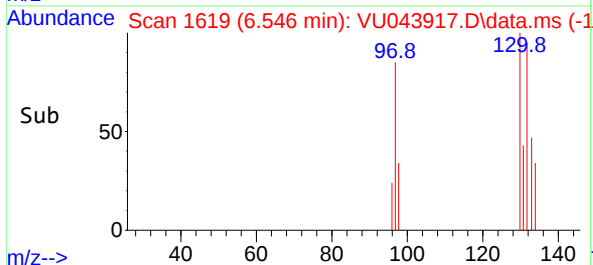
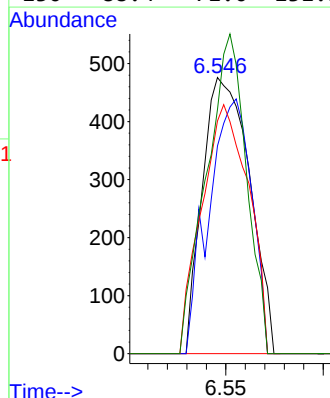
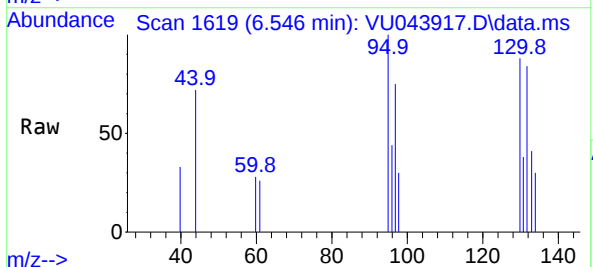
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	44.0	34.7	52.1

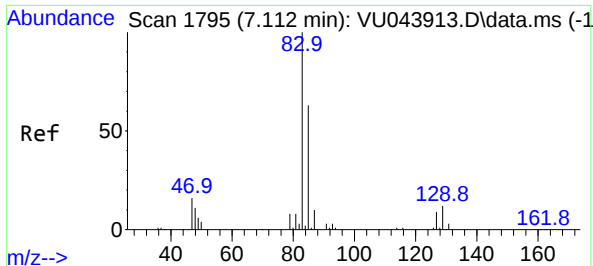


#34
Trichloroethene
Concen: 0.07 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Tgt Ion: 95 Resp: 802

Ion	Ratio	Lower	Upper
95	100		
97	75.2	45.5	84.5
132	84.2	70.9	131.7
130	88.4	71.0	131.9

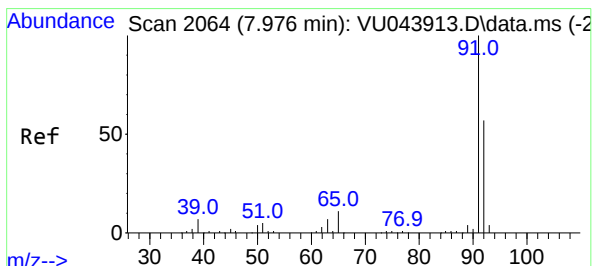
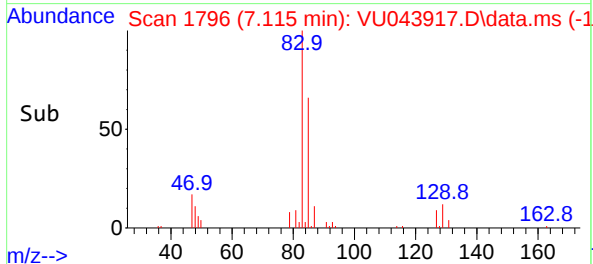
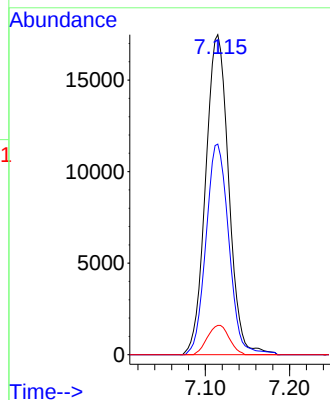
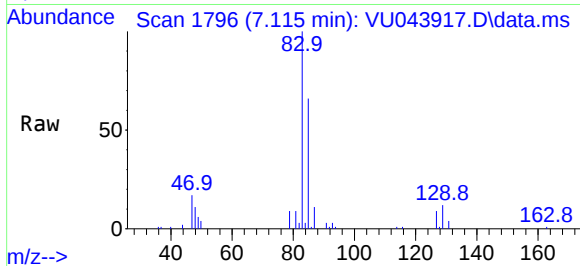




#38
Bromodichloromethane
Concen: 2.21 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

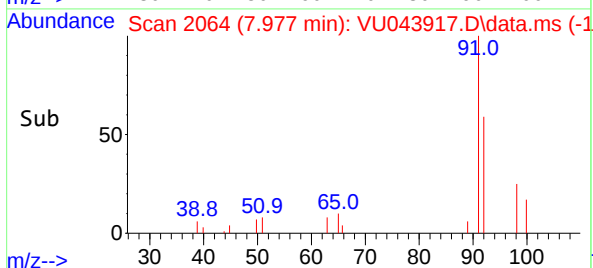
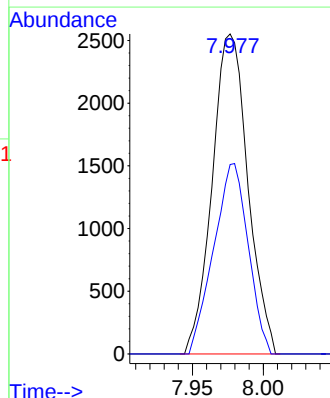
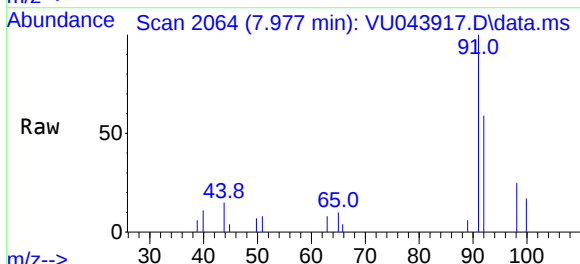
Instrument :
MSVOA_U
ClientSampled :
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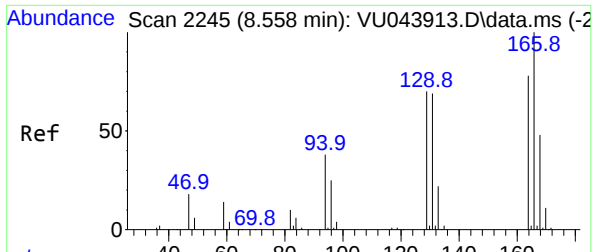
Tgt Ion:	83	Resp:	33267
Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.0	83.6
127	9.2	7.2	10.8



#42
Toluene
Concen: 0.09 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Tgt Ion:	91	Resp:	4474
Ion	Ratio	Lower	Upper
91	100		
92	59.2	40.5	75.1



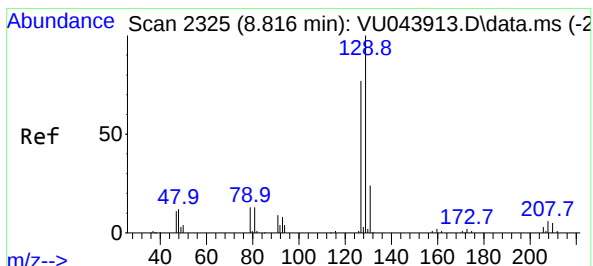
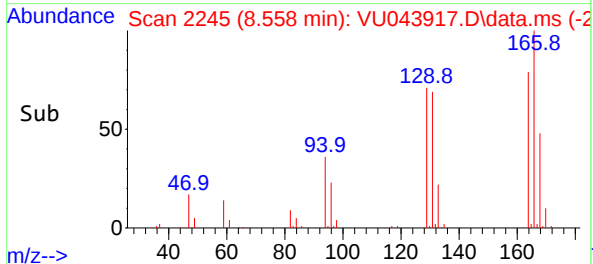
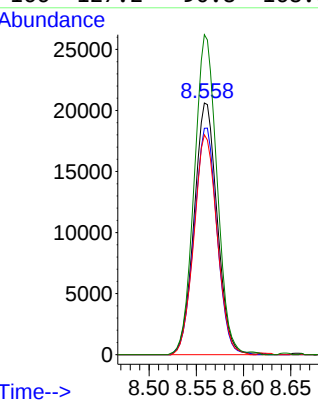
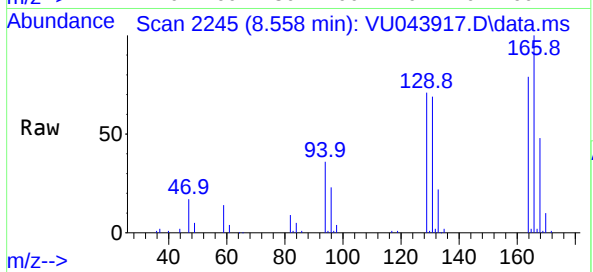


#47
Tetrachloroethene
Concen: 3.30 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Instrument :
MSVOA_U
ClientSampled :
GB413

Tgt Ion:164 Resp: 35074

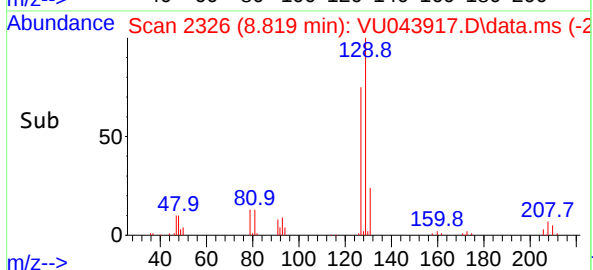
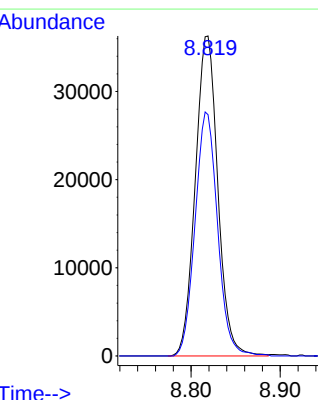
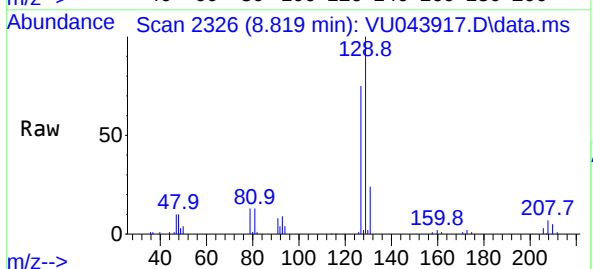
Ion	Ratio	Lower	Upper
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129	90.0	64.1	119.1
131	87.3	64.5	119.9
166	127.2	90.8	168.6

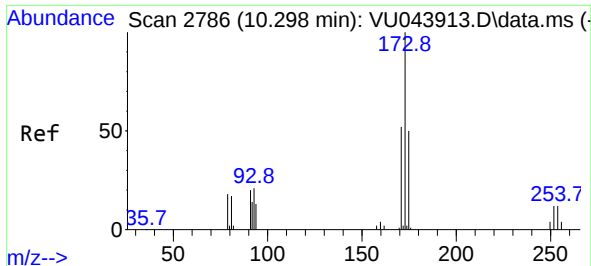


#49
Dibromochloromethane
Concen: 5.74 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Tgt Ion:129 Resp: 63814

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.1	100.5





#59
Bromoform
Concen: 3.74 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043917.D
Acq: 24 May 2021 18:50

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	173	Resp:	20025
Ion	Ratio	Lower	Upper
173	100		
175	50.5	38.8	58.2
254	12.9	9.3	13.9

