

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
 Data File : VU043787.D
 Acq On : 17 May 2021 13:00
 Operator : SY/MD
 Sample : M2380-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 BG6M1DL

Quant Time: May 18 03:11:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

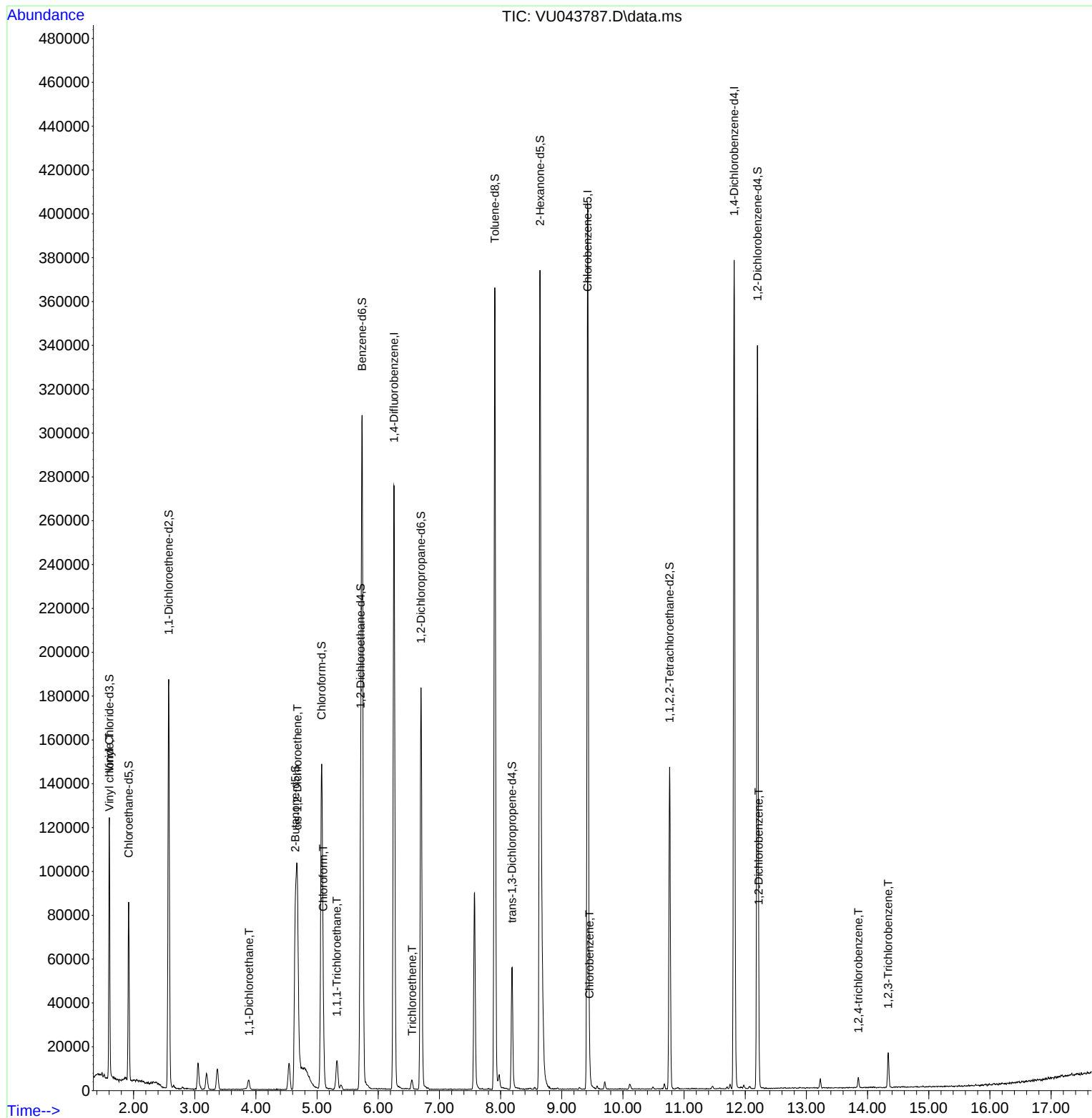
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	231421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	230656	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107077	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	79300	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.919	69	59836	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.575	65	35355	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.645	46	158050	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	5.073	84	136892	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.713	65	72117	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.735	84	291338	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.700	67	90566	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	249006	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.185	79	32487	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.645	63	156822	50.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.48%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	75346	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	93588	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	6260	0.32	ug/L	# 77
19) 1,1-Dichloroethane	3.886	63	5315	0.18	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	33757	2.00	ug/L	97
25) Chloroform	5.099	83	25667	0.89	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	9914	0.41	ug/L	98
34) Trichloroethene	6.552	95	1420	0.08	ug/L	88
51) Chlorobenzene	9.455	112	4731	0.11	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	3604	0.12	ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	1844	0.09	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	5778	0.31	ug/L	95

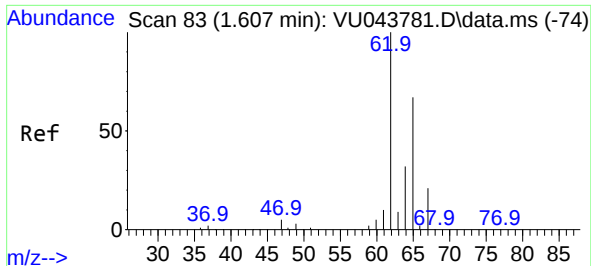
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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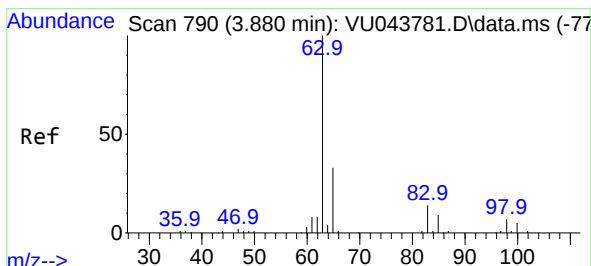
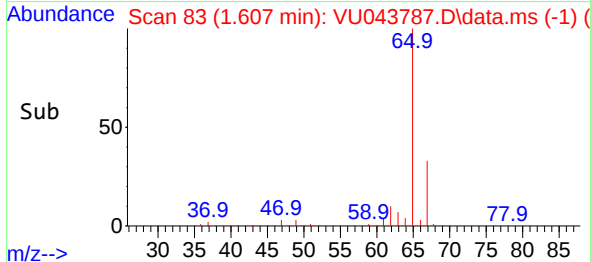
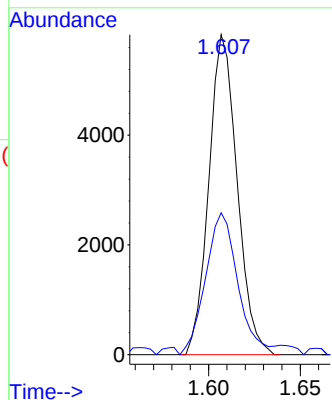
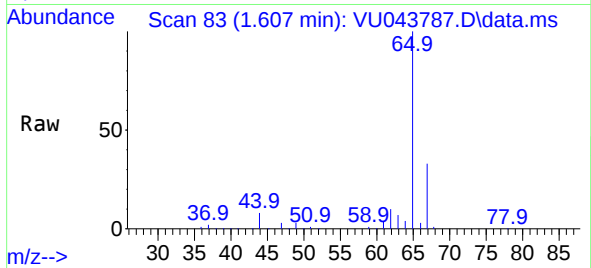




#5
 Vinyl chloride
 Concen: 0.32 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043787.D
 Acq: 17 May 2021 13:00

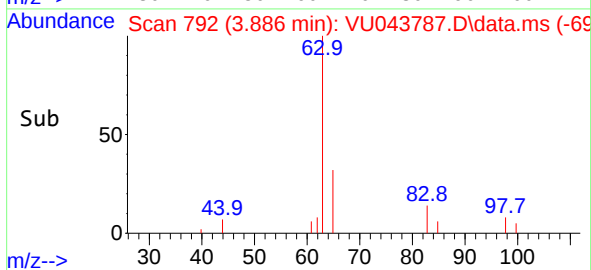
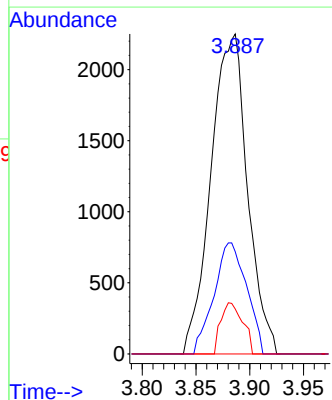
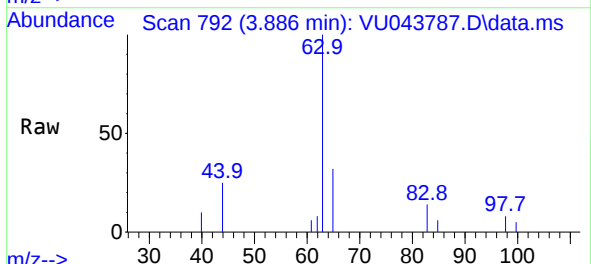
Instrument :
 MSVOA_U
 ClientSampled :
 BG6M1DL

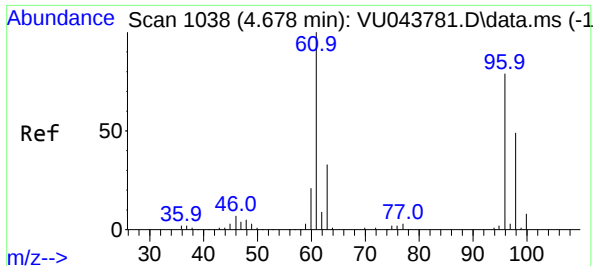
Tgt Ion: 62 Resp: 6260
 Ion Ratio Lower Upper
 62 100
 64 44.4 22.1 41.1#



#19
 1,1-Dichloroethane
 Concen: 0.18 ug/L
 RT: 3.886 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VU043787.D
 Acq: 17 May 2021 13:00

Tgt Ion: 63 Resp: 5315
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.3 41.3
 83 14.0 9.0 16.8



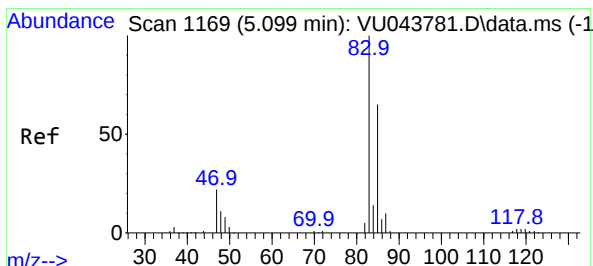
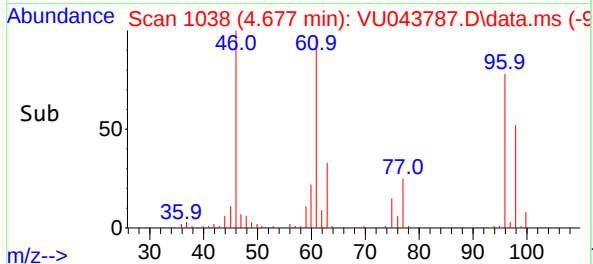
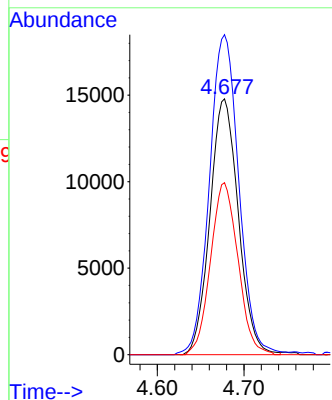
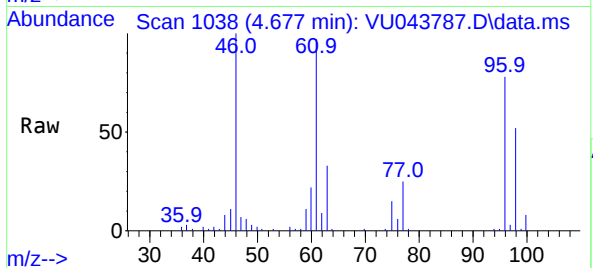


#22

cis-1,2-Dichloroethene
Concen: 2.00 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Instrument :
MSVOA_U
ClientSampled :
BG6M1DL

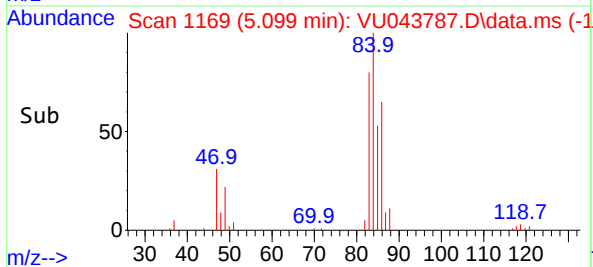
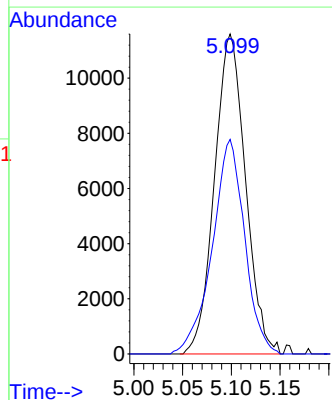
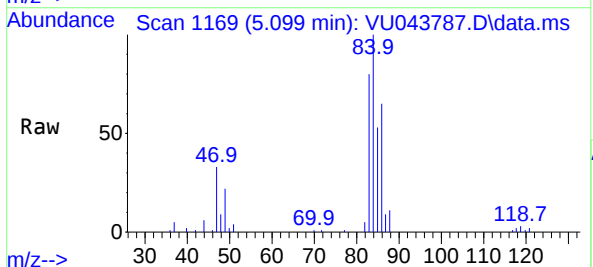
Tgt Ion: 96 Resp: 33757
Ion Ratio Lower Upper
96 100
61 125.1 89.0 165.4
98 67.2 44.9 83.3

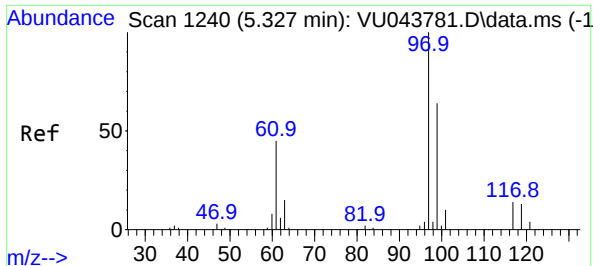


#25

Chloroform
Concen: 0.89 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Tgt Ion: 83 Resp: 25667
Ion Ratio Lower Upper
83 100
85 67.0 45.0 83.6



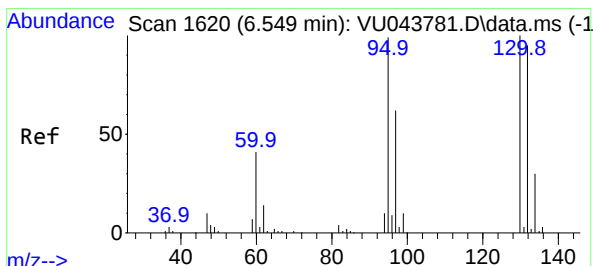
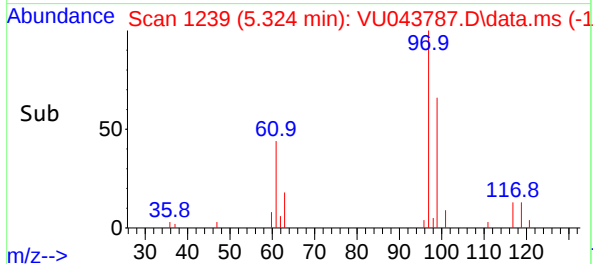
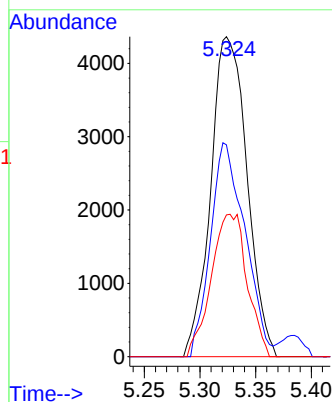
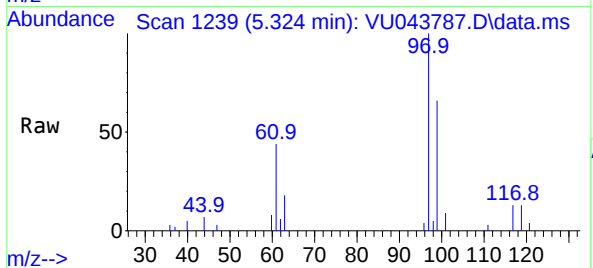


#29
1,1,1-Trichloroethane
Concen: 0.41 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Instrument :
MSVOA_U
ClientSampleID :
BG6M1DL

Tgt Ion: 97 Resp: 9914

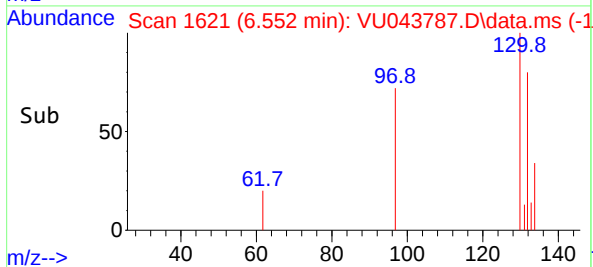
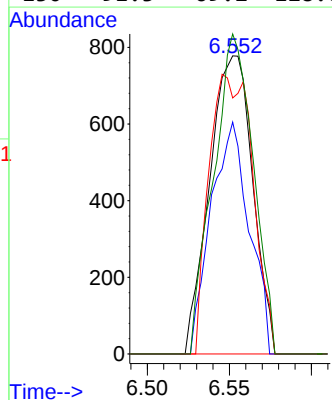
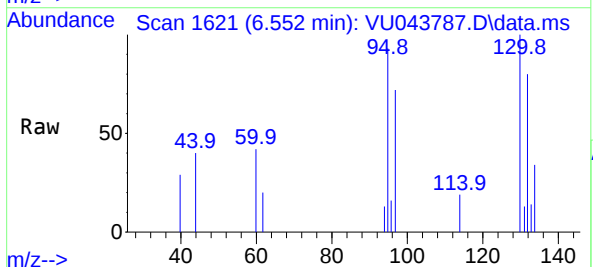
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.1	76.7
61	43.9	37.0	55.4

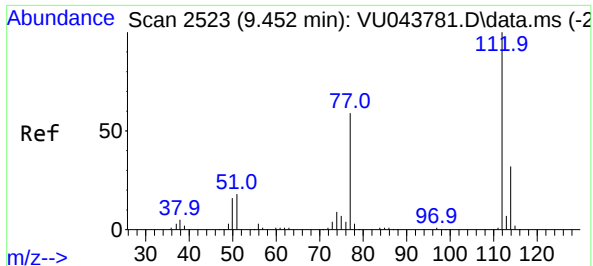


#34
Trichloroethene
Concen: 0.08 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Tgt Ion: 95 Resp: 1420

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.3	82.3
132	73.0	66.0	122.6
130	91.3	69.2	128.6

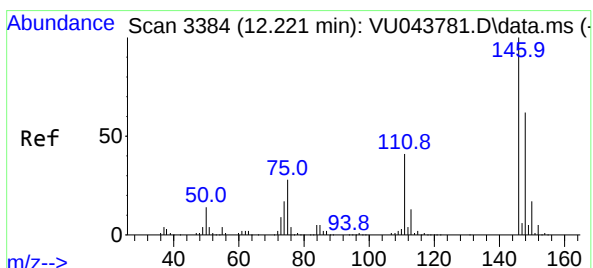
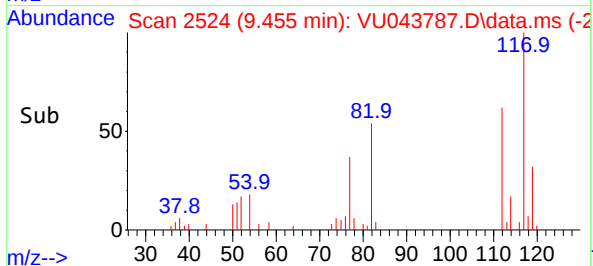
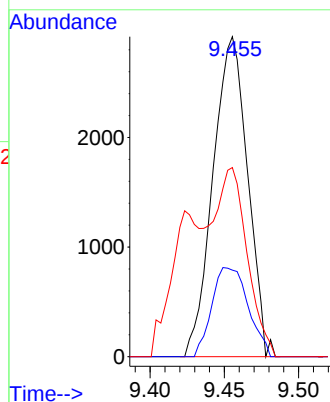
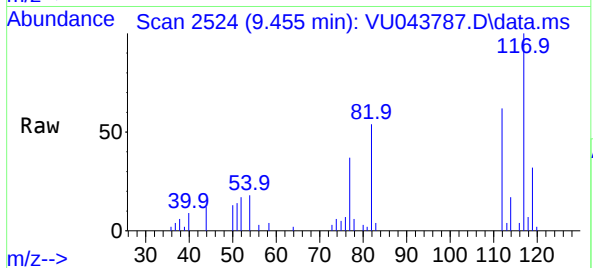




#51
Chlorobenzene
Concen: 0.11 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

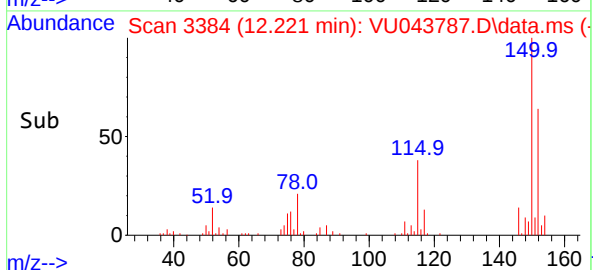
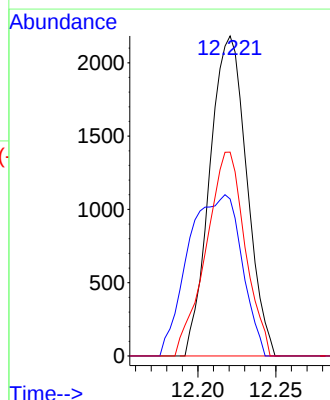
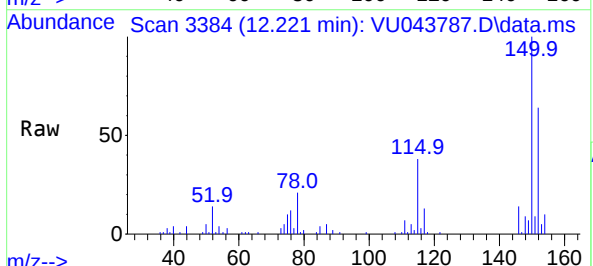
Instrument :
MSVOA_U
ClientSampleID :
BG6M1DL

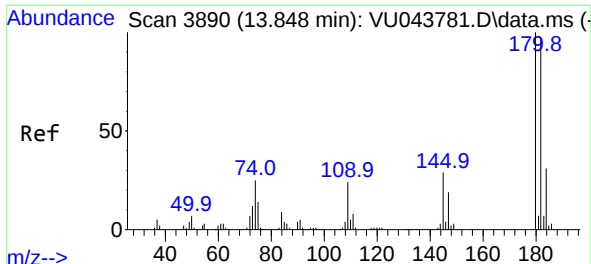
Tgt Ion:112 Resp: 4731
Ion Ratio Lower Upper
112 100
114 27.1 22.3 41.5
77 59.1 47.8 71.8



#67
1,2-Dichlorobenzene
Concen: 0.12 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Tgt Ion:146 Resp: 3604
Ion Ratio Lower Upper
146 100
111 49.1 33.6 50.4
148 63.7 50.2 75.2

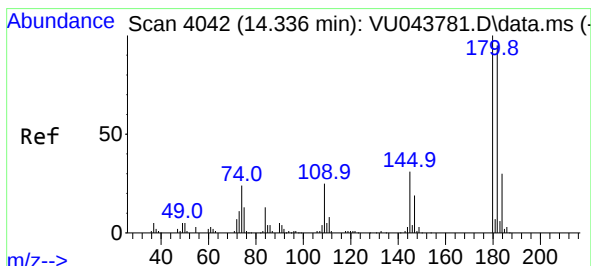
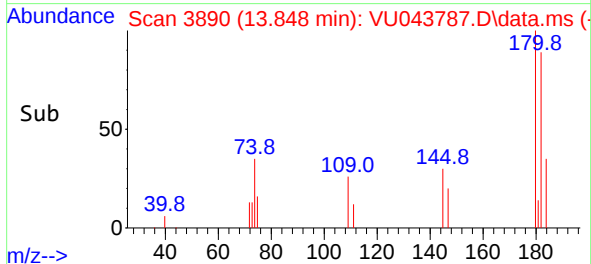
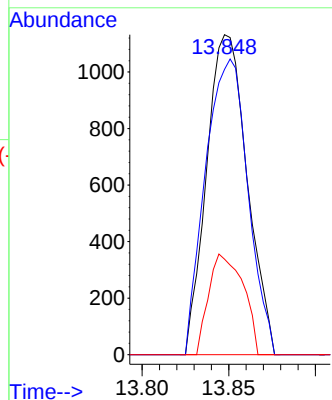
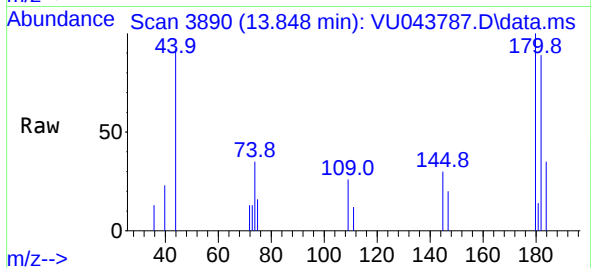




#70
1,2,4-trichlorobenzene
Concen: 0.09 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
BG6M1DL

Tgt Ion:180 Resp: 1844
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 26.6 23.0 34.4



#72
1,2,3-Trichlorobenzene
Concen: 0.31 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043787.D
Acq: 17 May 2021 13:00

Tgt Ion:180 Resp: 5778
Ion Ratio Lower Upper
180 100
182 102.6 77.0 115.4
145 29.5 24.6 36.8

