

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043769.D
 Acq On : 14 May 2021 21:03
 Operator : SY/MD
 Sample : M2418-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

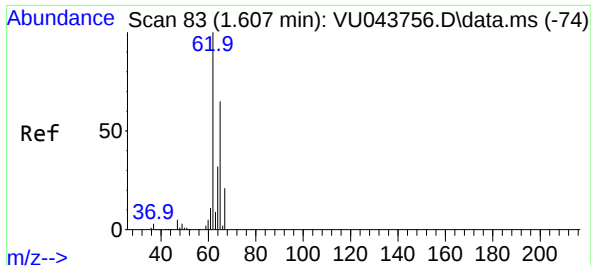
Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Y5

Quant Time: May 15 01:20:13 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	6.256	114	223802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	228125	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107513	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	88770	5.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.60%			
7) Chloroethane-d5	1.919	69	59874	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.00%			
11) 1,1-Dichloroethene-d2	2.572	65	35161	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.80%			
20) 2-Butanone-d5	4.639	46	201131	64.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.20%			
24) Chloroform-d	5.073	84	140472	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.710	65	74085	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
32) Benzene-d6	5.735	84	296328	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.700	67	94814	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.906	98	252033	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloroprop...	8.189	79	32069	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.642	63	154276	49.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.94%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74280	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
66) 1,2-Dichlorobenzene-d4	12.198	152	96547	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	197073	10.38	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5098	0.34	ug/L #	83
13) Acetone	2.649	43	3618	1.82	ug/L	82
14) Carbon disulfide	2.803	76	5440	0.11	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	10343	0.67	ug/L	87
19) 1,1-Dichloroethane	3.880	63	16083	0.57	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	47015	2.88	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	2140	0.09	ug/L	92
33) Benzene	5.784	78	16740	0.25	ug/L	100
34) Trichloroethene	6.549	95	5406	0.32	ug/L	92
47) Tetrachloroethene	8.562	164	6510	0.48	ug/L	98
51) Chlorobenzene	9.452	112	15503	0.36	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	19300	0.66	ug/L	97

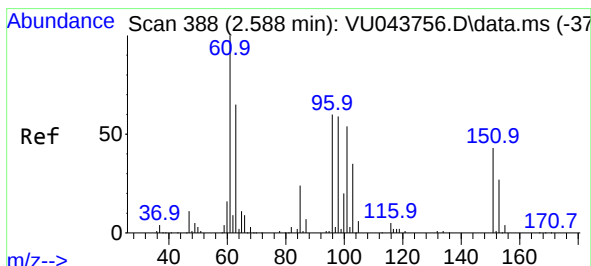
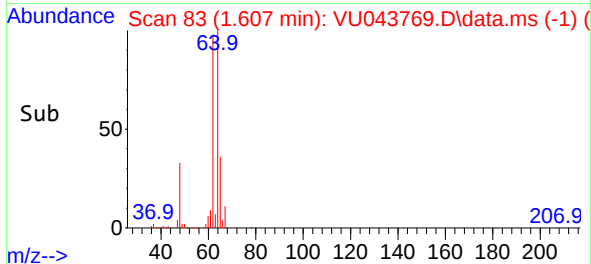
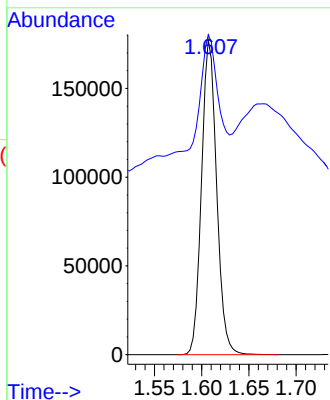
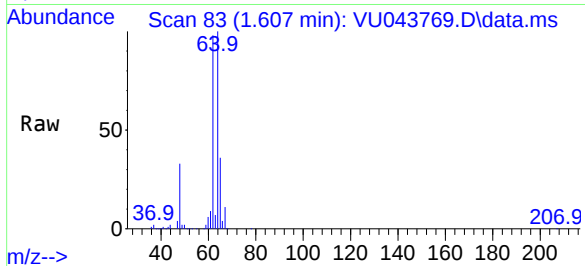
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 10.38 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043769.D
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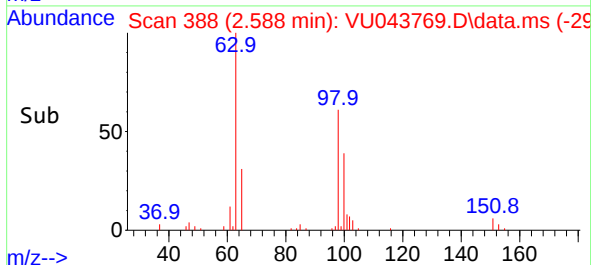
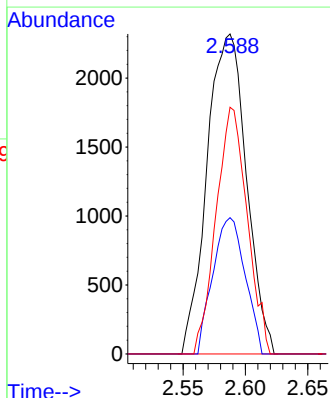
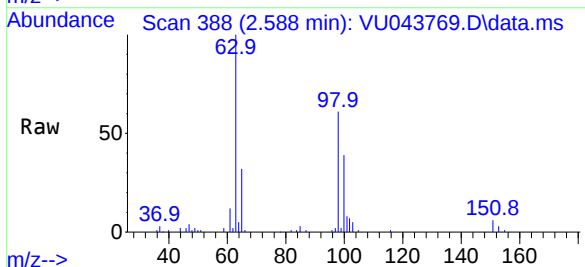
Instrument :
 MSVOA_U
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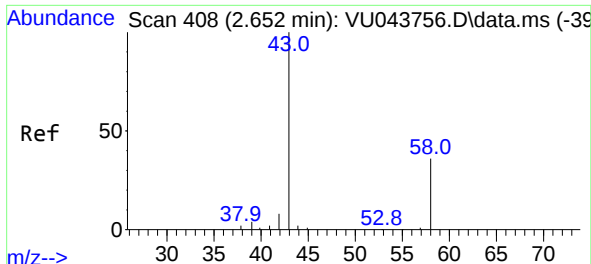
Tgt Ion: 62 Resp: 197073
 Ion Ratio Lower Upper
 62 100
 64 101.7 22.1 41.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.34 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU043769.D
 Acq: 14 May 2021 21:03

Tgt Ion: 101 Resp: 5098
 Ion Ratio Lower Upper
 101 100
 85 34.9 34.3 51.5
 151 60.9 62.7 94.1#

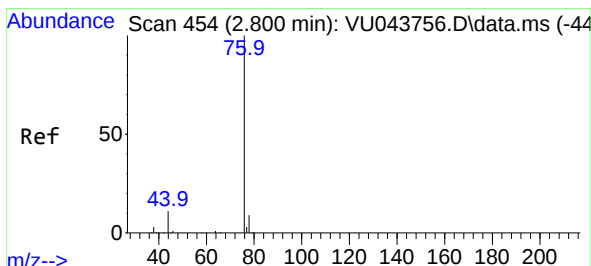
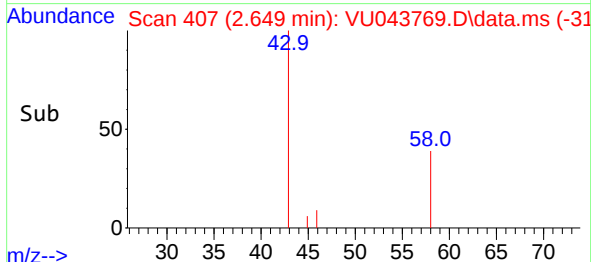
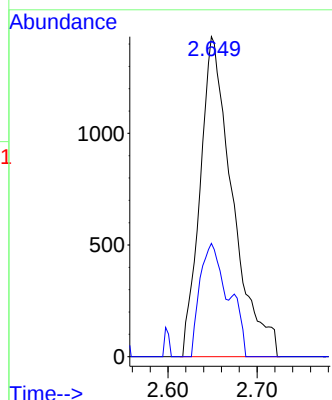
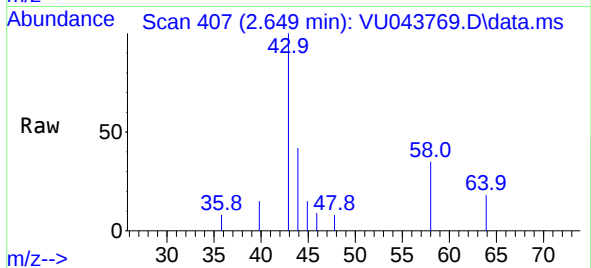




#13
Acetone
Concen: 1.82 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.003 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

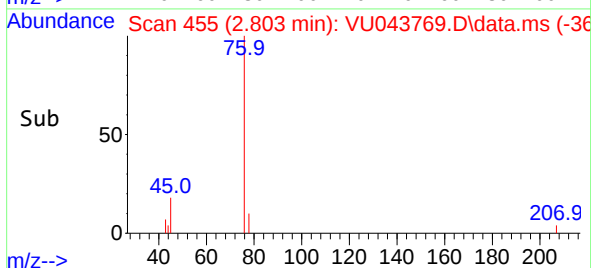
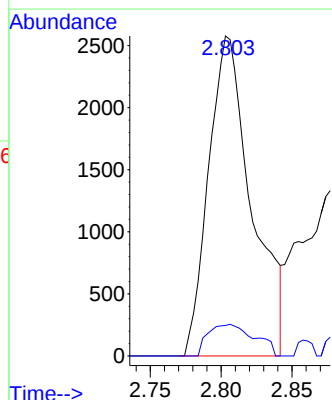
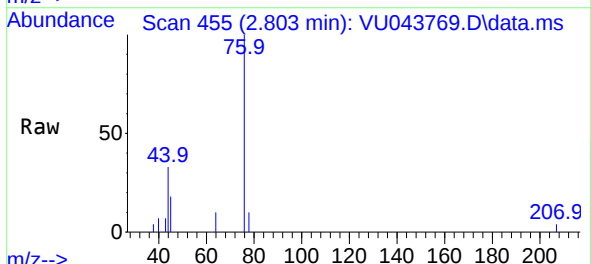
Instrument :
MSVOA_U
ClientSampleId :
BG1Y5

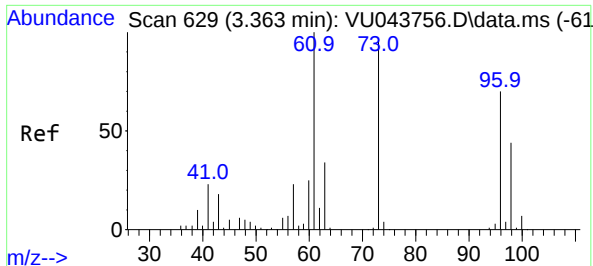
Tgt Ion: 43 Resp: 3618
Ion Ratio Lower Upper
43 100
58 25.0 0.0 71.6



#14
Carbon disulfide
Concen: 0.11 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 76 Resp: 5440
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

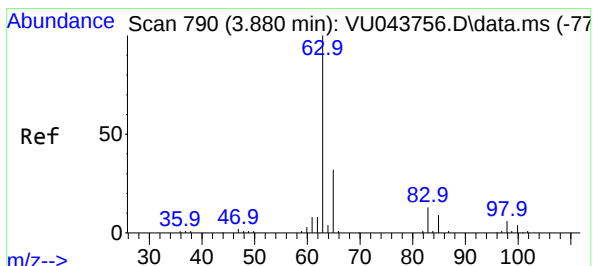
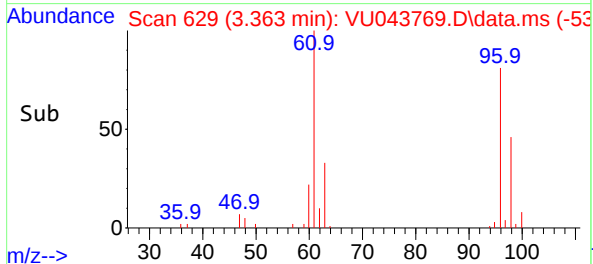
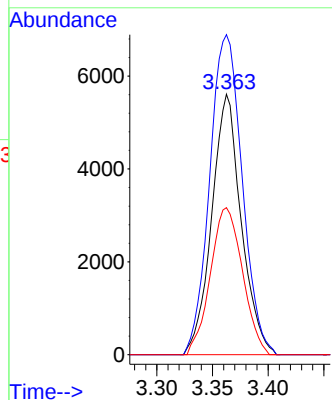
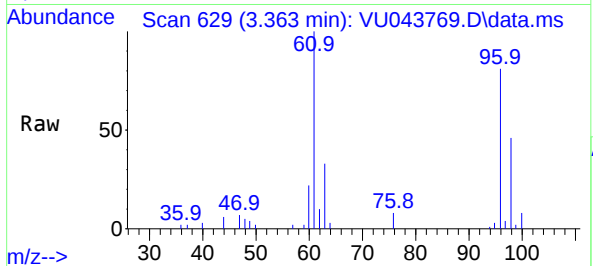




#18
trans-1,2-Dichloroethene
Concen: 0.67 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

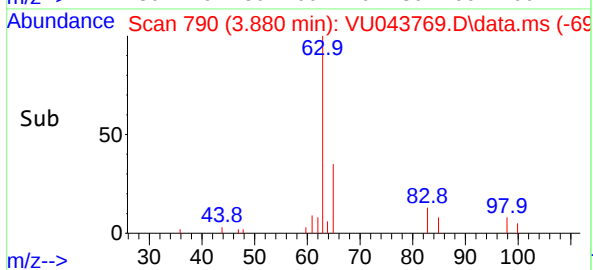
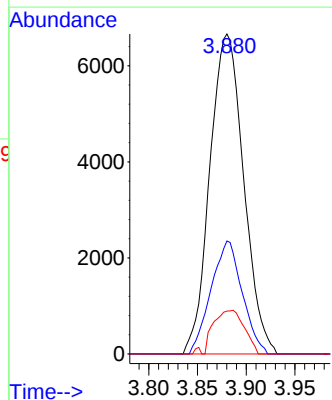
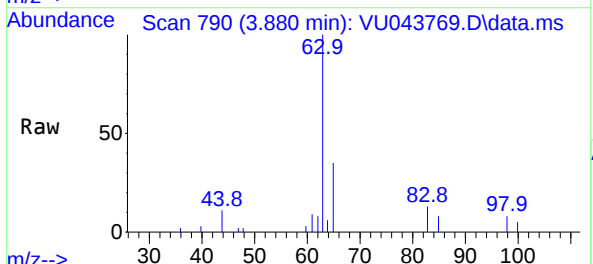
Instrument :
MSVOA_U
ClientSampleId :
BG1Y5

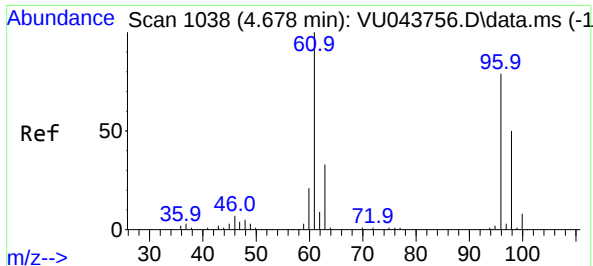
Tgt Ion: 96 Resp: 10343
Ion Ratio Lower Upper
96 100
61 122.9 99.6 185.0
98 56.5 43.8 81.4



#19
1,1-Dichloroethane
Concen: 0.57 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 63 Resp: 16083
Ion Ratio Lower Upper
63 100
65 33.2 22.3 41.3
83 12.6 9.0 16.8



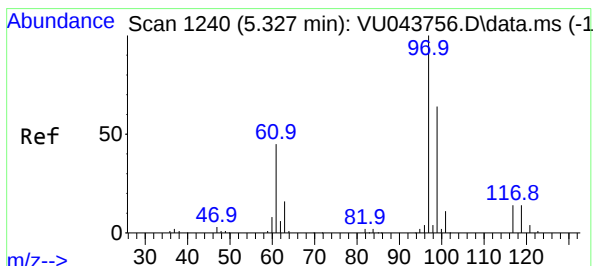
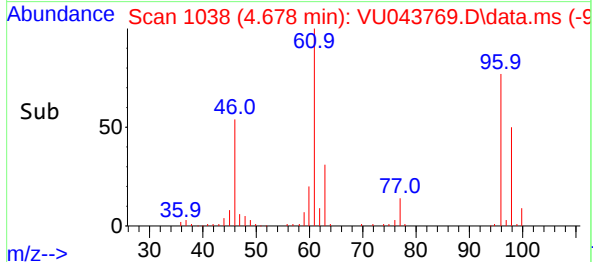
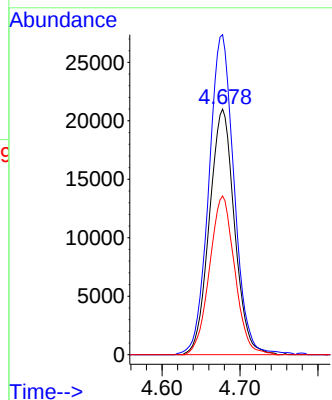
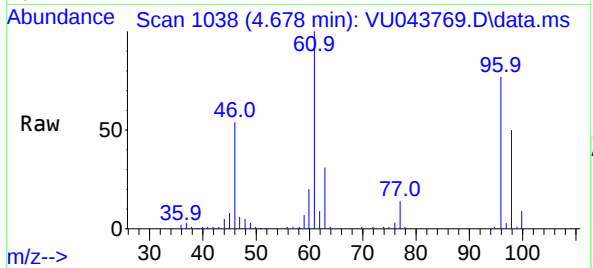


#22
 cis-1,2-Dichloroethene
 Concen: 2.88 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU043769.D
 Acq: 14 May 2021 21:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Y5

Tgt Ion: 96 Resp: 47015

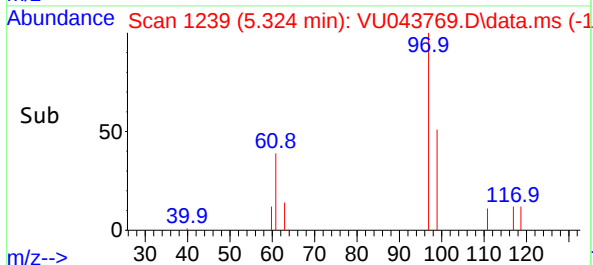
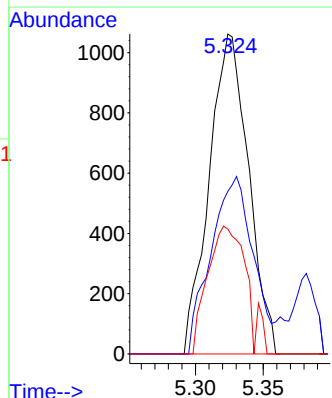
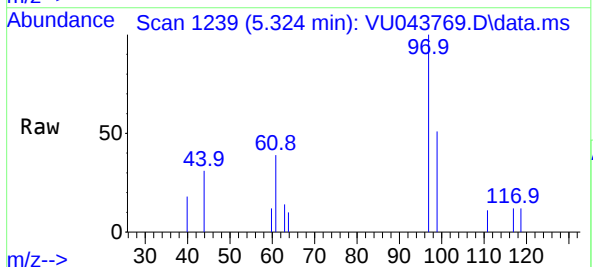
Ion	Ratio	Lower	Upper
96	100		
61	130.3	89.0	165.4
98	64.6	44.9	83.3

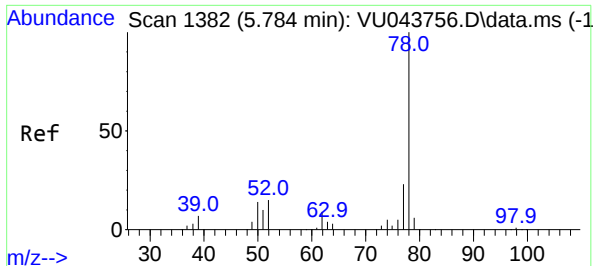


#29
 1,1,1-Trichloroethane
 Concen: 0.09 ug/L
 RT: 5.324 min Scan# 1239
 Delta R.T. -0.003 min
 Lab File: VU043769.D
 Acq: 14 May 2021 21:03

Tgt Ion: 97 Resp: 2140

Ion	Ratio	Lower	Upper
97	100		
99	60.3	51.1	76.7
61	37.1	37.0	55.4

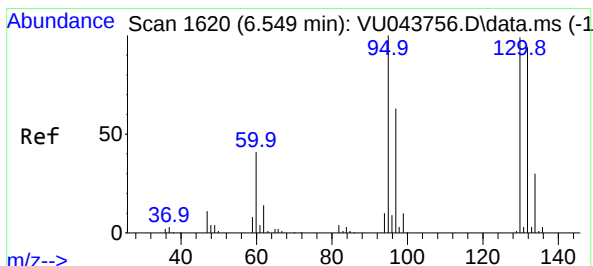
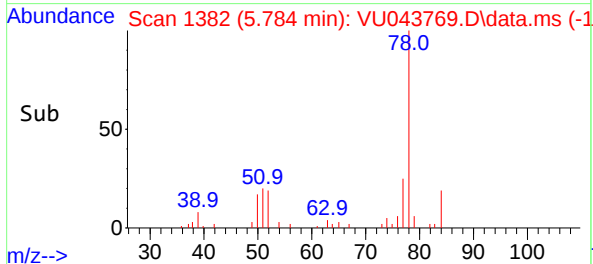
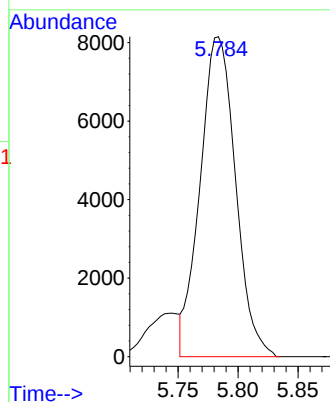
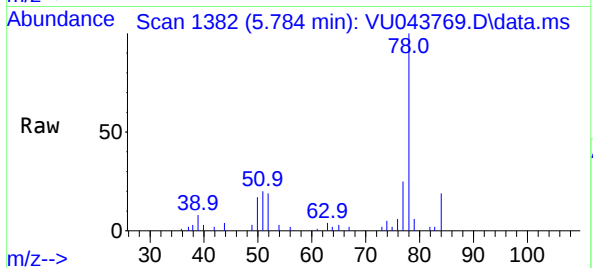




Benzene
Concen: 0.25 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Instrument :
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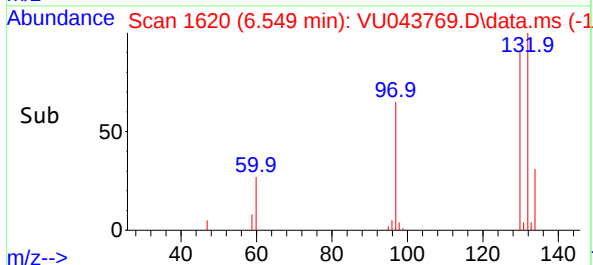
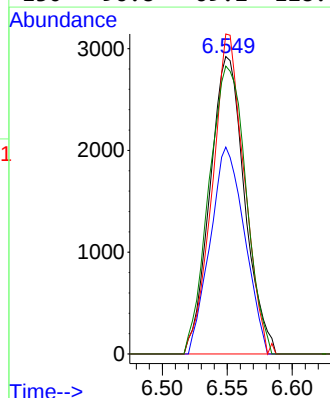
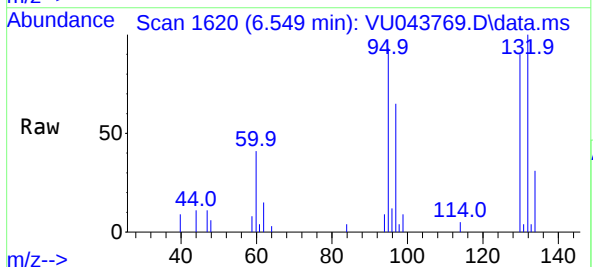
Tgt Ion: 78 Resp: 16740

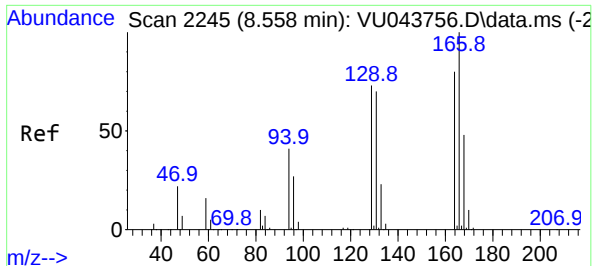


Trichloroethene
Concen: 0.32 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 95 Resp: 5406

Ion	Ratio	Lower	Upper
95	100		
97	69.5	44.3	82.3
132	107.6	66.0	122.6
130	96.8	69.2	128.6





#47

Tetrachloroethene

Concen: 0.48 ug/L

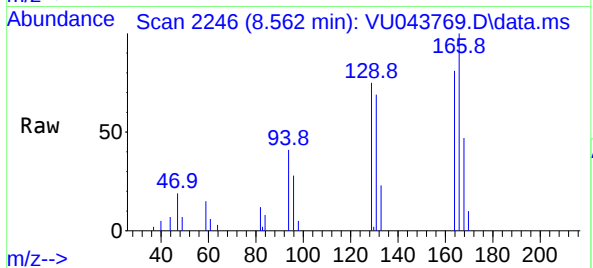
RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Instrument :
MSVOA_U
ClientSampleId :
BG1Y5



Tgt Ion:164 Resp: 6510

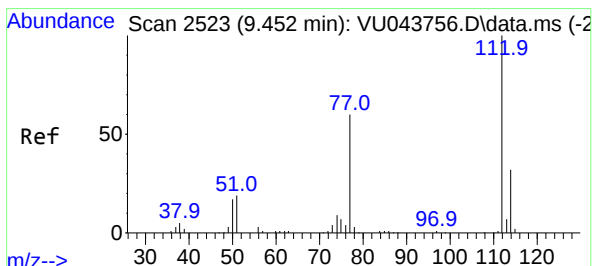
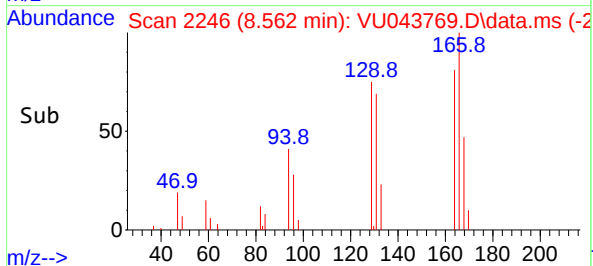
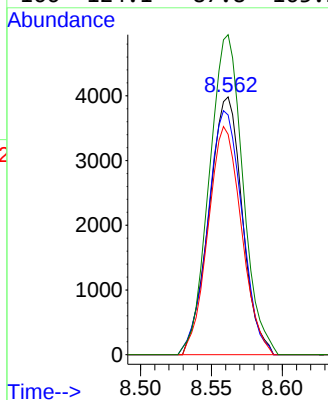
Ion Ratio Lower Upper

164 100

129 93.0 64.1 119.1

131 85.5 61.2 113.8

166 124.1 87.8 163.2



#51

Chlorobenzene

Concen: 0.36 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. -0.000 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

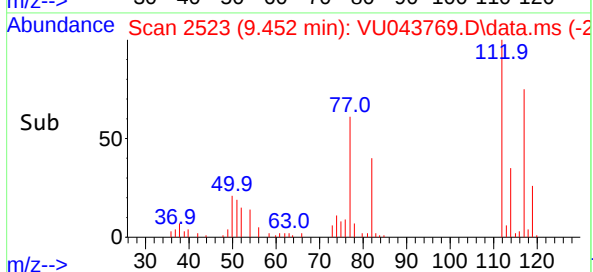
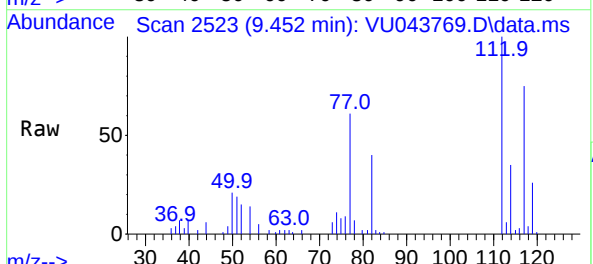
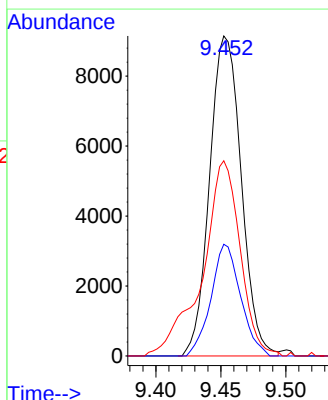
Tgt Ion:112 Resp: 15503

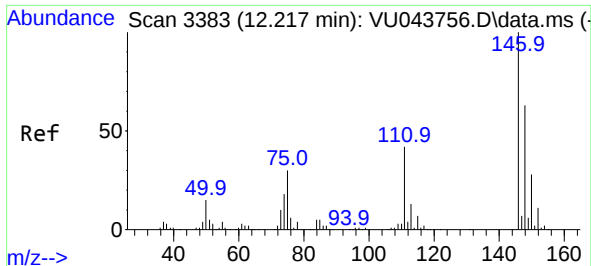
Ion Ratio Lower Upper

112 100

114 34.9 22.3 41.5

77 61.0 47.8 71.8





#67
 1,2-Dichlorobenzene
 Concen: 0.66 ug/L
 RT: 12.217 min Scan# 3383
 Delta R.T. -0.000 min
 Lab File: VU043769.D
 Acq: 14 May 2021 21:03

Instrument :
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 ClientSampleId :
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Tgt Ion:146 Resp: 19300
 Ion Ratio Lower Upper
 146 100
 111 42.8 33.6 50.4
 148 59.9 50.2 75.2

