

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043435.D
 Acq On : 29 Apr 2021 19:16
 Operator : SY/MD
 Sample : M2197-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARG4

Quant Time: Apr 30 07:31:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

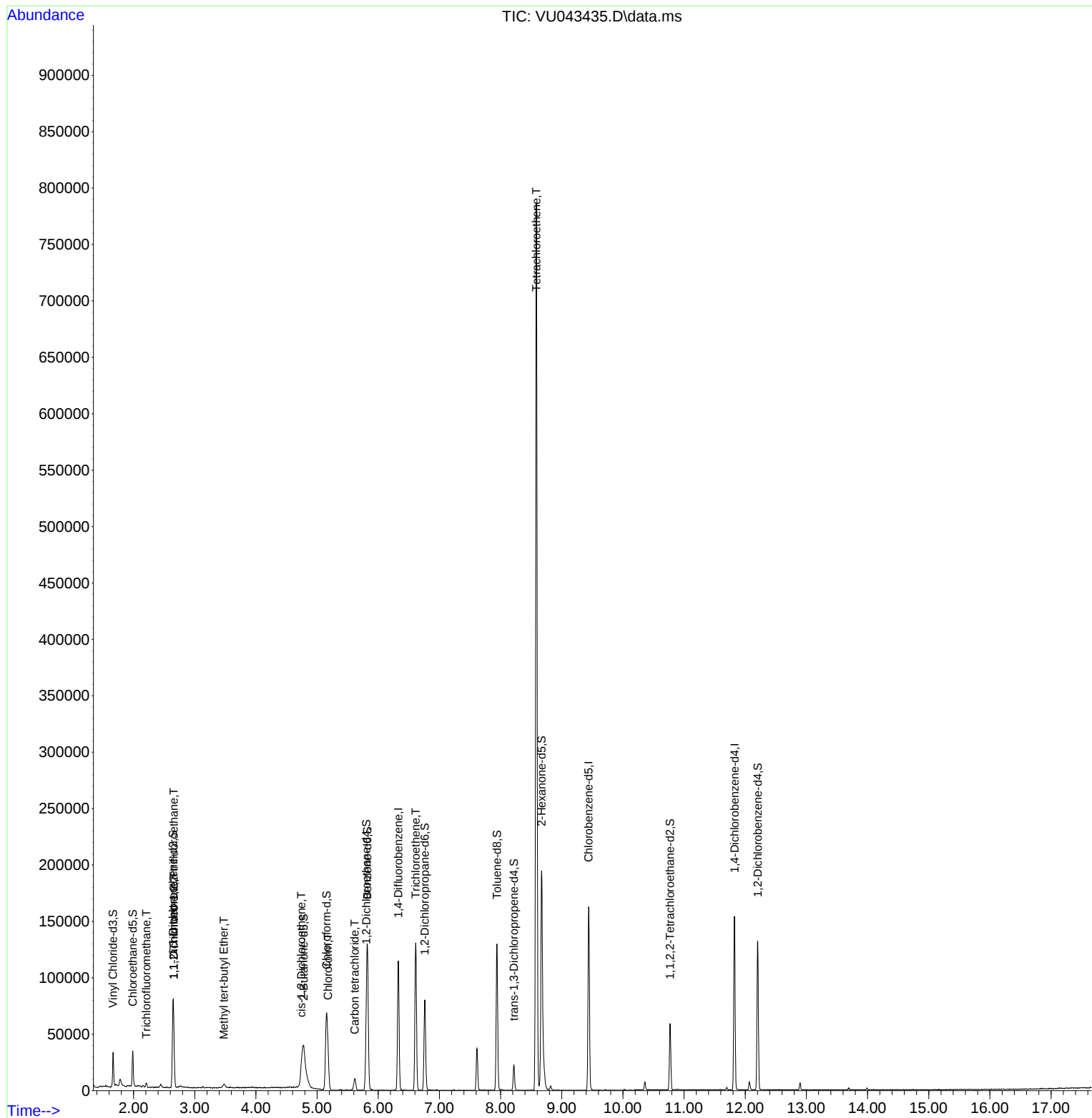
Internal Standards						
1) 1,4-Difluorobenzene	6.330	114	79506	5.00	ug/L	# 0.07
28) Chlorobenzene-d5	9.439	117	82312	5.00	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.825	152	36880	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.665	65	21029	5.20	ug/L	0.06
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.00%			
7) Chloroethane-d5	1.986	69	20949	5.50	ug/L	0.07
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.00%			
11) 1,1-Dichloroethene-d2	2.645	65	12516	5.35	ug/L	0.07
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.00%			
20) 2-Butanone-d5	4.780	46	105499	59.49	ug/L	0.13
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.98%			
24) Chloroform-d	5.153	84	55548	5.40	ug/L	0.08
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.00%			
26) 1,2-Dichloroethane-d4	5.806	65	34464	4.96	ug/L	0.09
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.822	84	95222	4.97	ug/L	0.08
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.761	67	33635	5.29	ug/L	0.06
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	7.941	98	79239	3.98	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
43) trans-1,3-Dichloroprop...	8.217	79	11159	3.98	ug/L	0.03
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.60%			
46) 2-Hexanone-d5	8.671	63	58897	42.07	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.14%			
56) 1,1,2,2-Tetrachloroeth...	10.770	84	27582	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
66) 1,2-Dichlorobenzene-d4	12.204	152	31163	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.208	101	1737	0.18	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.658	101	2328	0.44	ug/L	99
12) 1,1-Dichloroethene	2.658	96	6872	1.56	ug/L	# 1
17) Methyl tert-butyl Ether	3.475	73	3015	0.21	ug/L	# 77
22) cis-1,2-Dichloroethene	4.742	96	2712	0.49	ug/L	# 74
25) Chloroform	5.179	83	24262	2.22	ug/L	97
31) Carbon tetrachloride	5.613	117	7375	0.87	ug/L	97
34) Trichloroethene	6.613	95	41865	6.91	ug/L	96
47) Tetrachloroethene	8.584	164	157854	32.84	ug/L	97

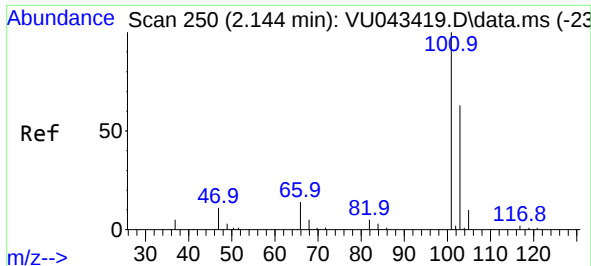
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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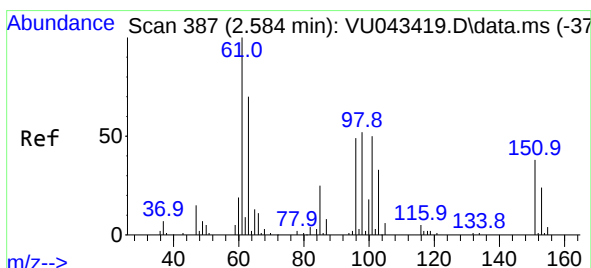
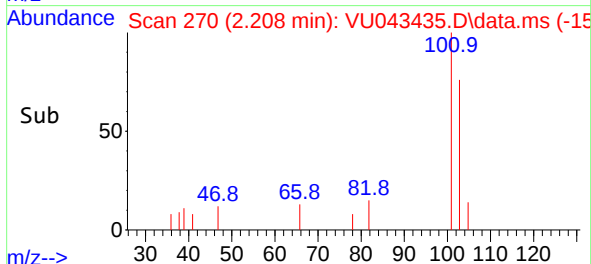
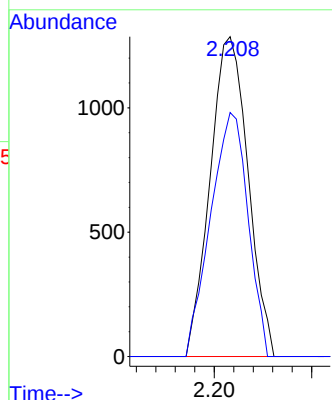
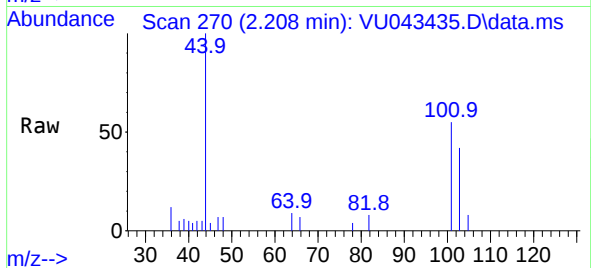




#9
Trichlorofluoromethane
Concen: 0.18 ug/L
RT: 2.208 min Scan# 270
Delta R.T. 0.064 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

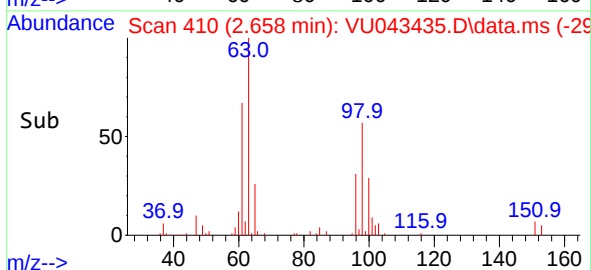
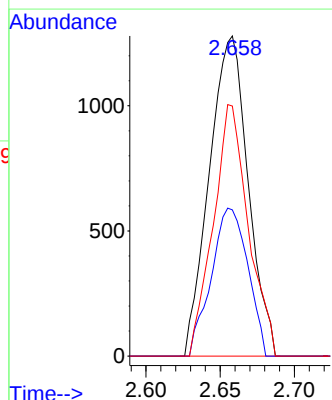
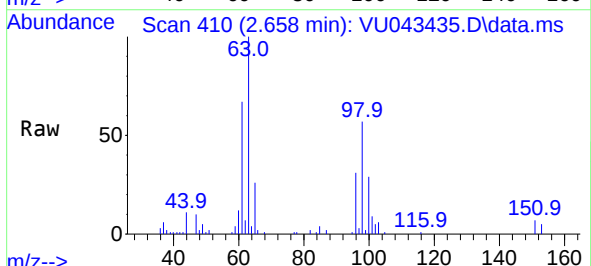
Instrument :
MSVOA_U
ClientSampleId :
YARG4

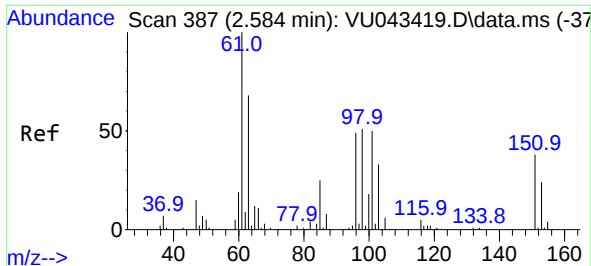
Tgt Ion:101 Resp: 1737
Ion Ratio Lower Upper
101 100
103 75.2 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.44 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.074 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

Tgt Ion:101 Resp: 2328
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 70.9 57.4 86.2

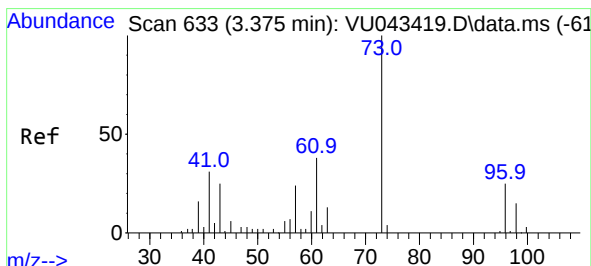
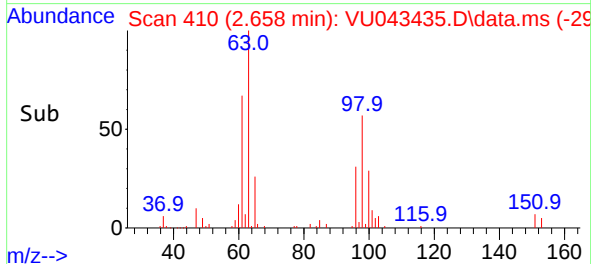
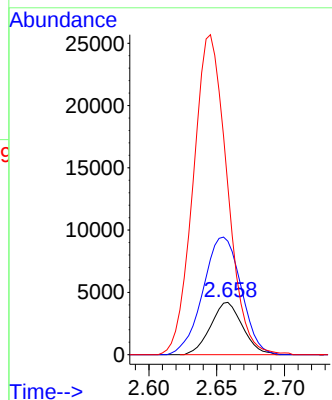
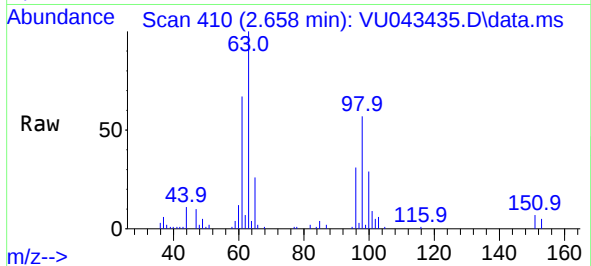




#12
1,1-Dichloroethene
Concen: 1.56 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.074 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

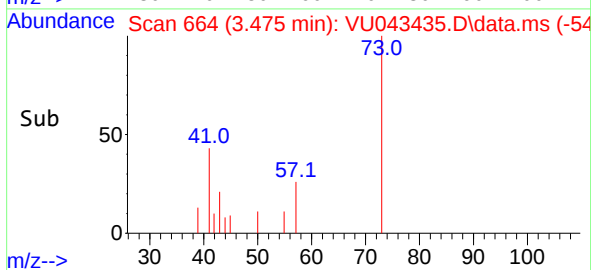
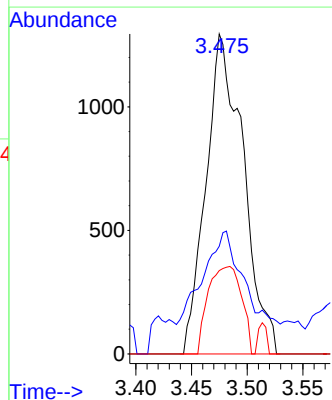
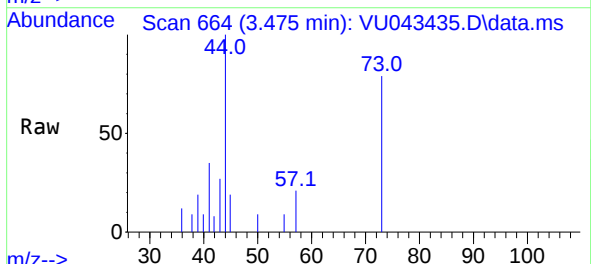
Instrument :
MSVOA_U
ClientSampleId :
YARG4

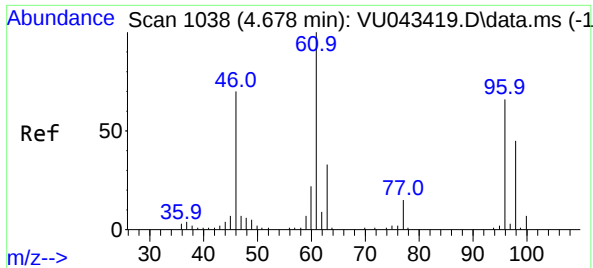
Tgt Ion: 96 Resp: 6872
Ion Ratio Lower Upper
96 100
61 216.8 115.1 213.7#
63 321.5 84.1 156.1#



#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 3.475 min Scan# 664
Delta R.T. 0.100 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

Tgt Ion: 73 Resp: 3015
Ion Ratio Lower Upper
73 100
43 37.4 15.0 22.4#
57 24.4 17.3 25.9

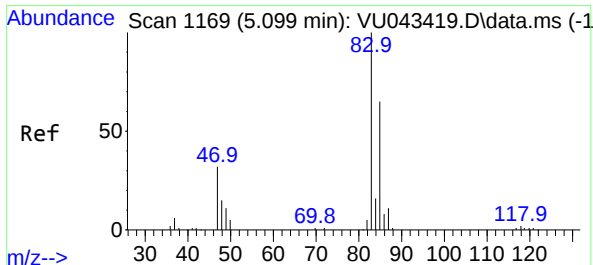
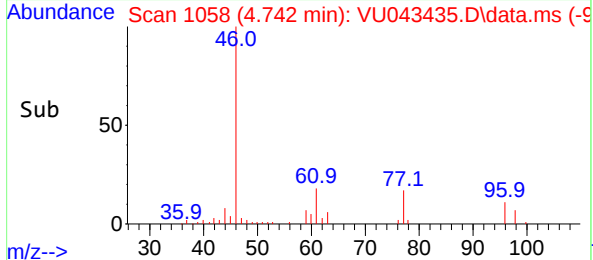
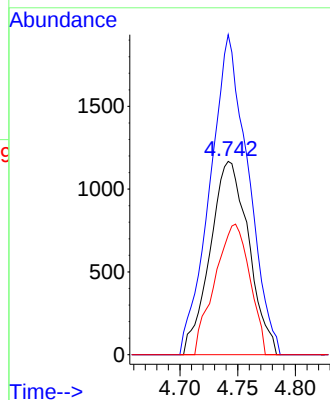
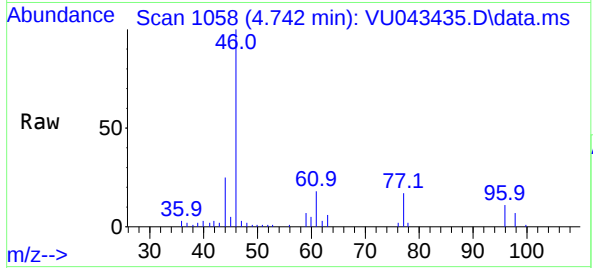




#22
 cis-1,2-Dichloroethene
 Concen: 0.49 ug/L
 RT: 4.742 min Scan# 1058
 Delta R.T. 0.064 min
 Lab File: VU043435.D
 Acq: 29 Apr 2021 19:16

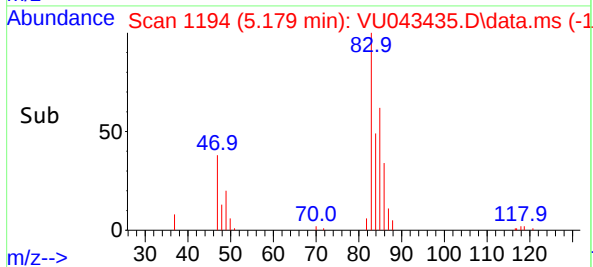
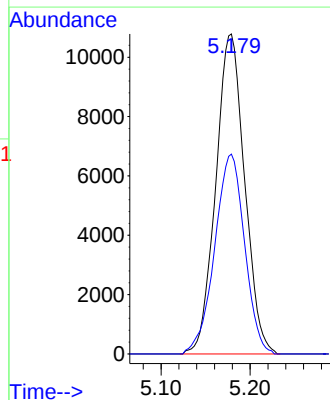
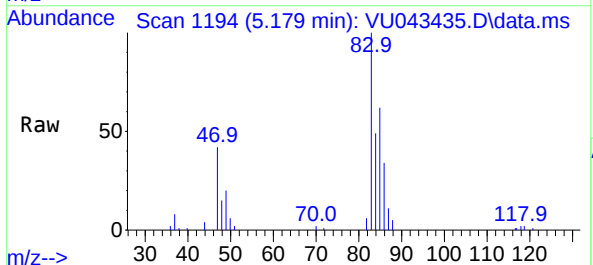
Instrument :
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 ClientSampleId :
 YARG4

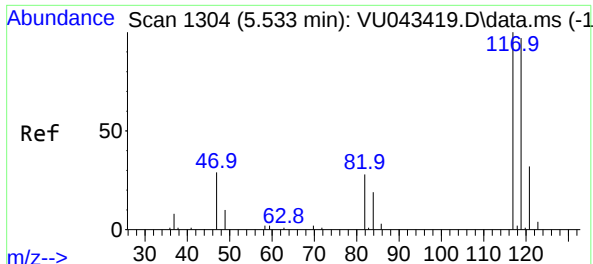
Tgt Ion: 96 Resp: 2712
 Ion Ratio Lower Upper
 96 100
 61 165.5 87.4 162.4#
 98 61.8 47.7 88.5



#25
 Chloroform
 Concen: 2.22 ug/L
 RT: 5.179 min Scan# 1194
 Delta R.T. 0.080 min
 Lab File: VU043435.D
 Acq: 29 Apr 2021 19:16

Tgt Ion: 83 Resp: 24262
 Ion Ratio Lower Upper
 83 100
 85 62.4 45.6 84.8

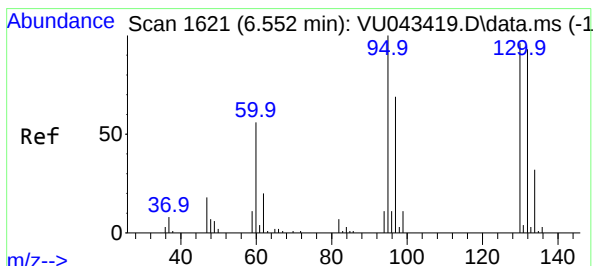
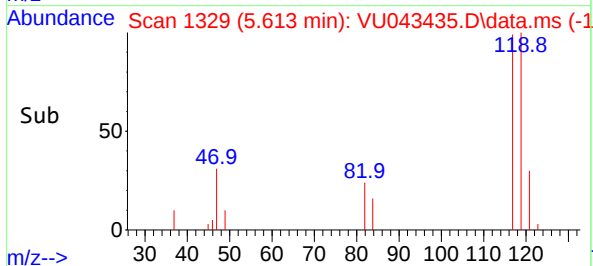
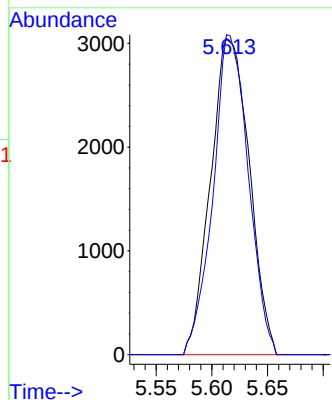
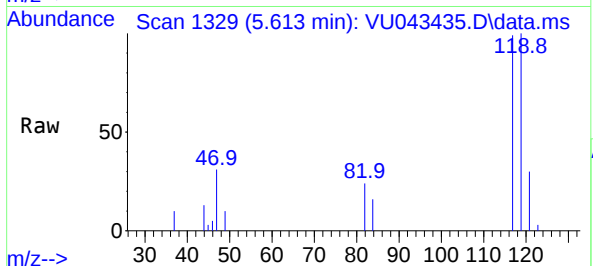




#31
Carbon tetrachloride
Concen: 0.87 ug/L
RT: 5.613 min Scan# 1329
Delta R.T. 0.080 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

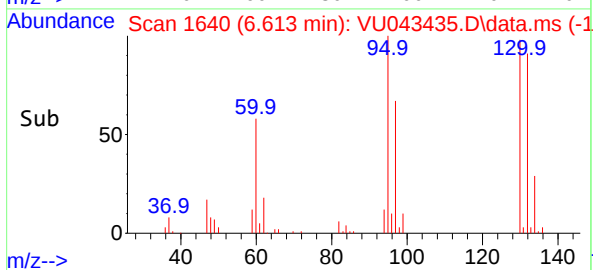
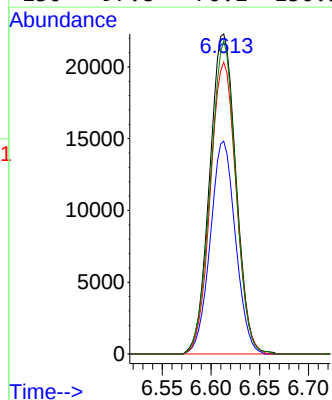
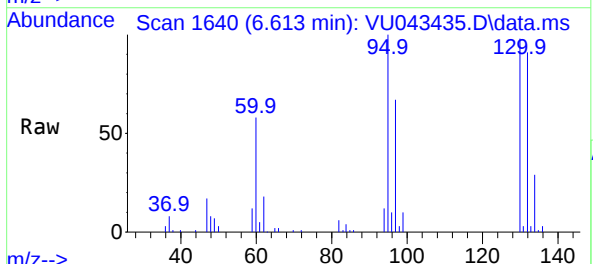
Instrument :
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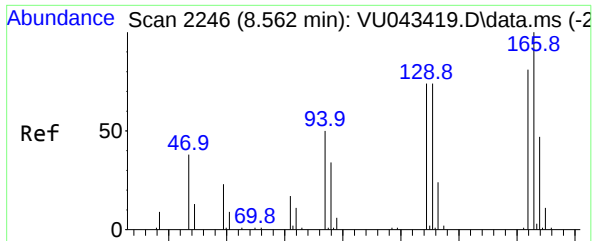
Tgt Ion:117 Resp: 7375
Ion Ratio Lower Upper
117 100
119 92.0 76.2 114.4



#34
Trichloroethene
Concen: 6.91 ug/L
RT: 6.613 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

Tgt Ion: 95 Resp: 41865
Ion Ratio Lower Upper
95 100
97 66.5 45.8 85.2
132 91.1 68.7 127.7
130 97.8 70.1 130.3





#47
Tetrachloroethene
Concen: 32.84 ug/L
RT: 8.584 min Scan# 2253
Delta R.T. 0.022 min
Lab File: VU043435.D
Acq: 29 Apr 2021 19:16

Instrument :
MSVOA_U
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Tgt Ion:164 Resp: 157854
Ion Ratio Lower Upper
164 100
129 95.6 66.6 123.8
131 91.5 65.9 122.3
166 127.3 93.7 173.9

