

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043428.D
 Acq On : 29 Apr 2021 16:26
 Operator : SY/MD
 Sample : M2162-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4507

Quant Time: Apr 30 07:30:10 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)

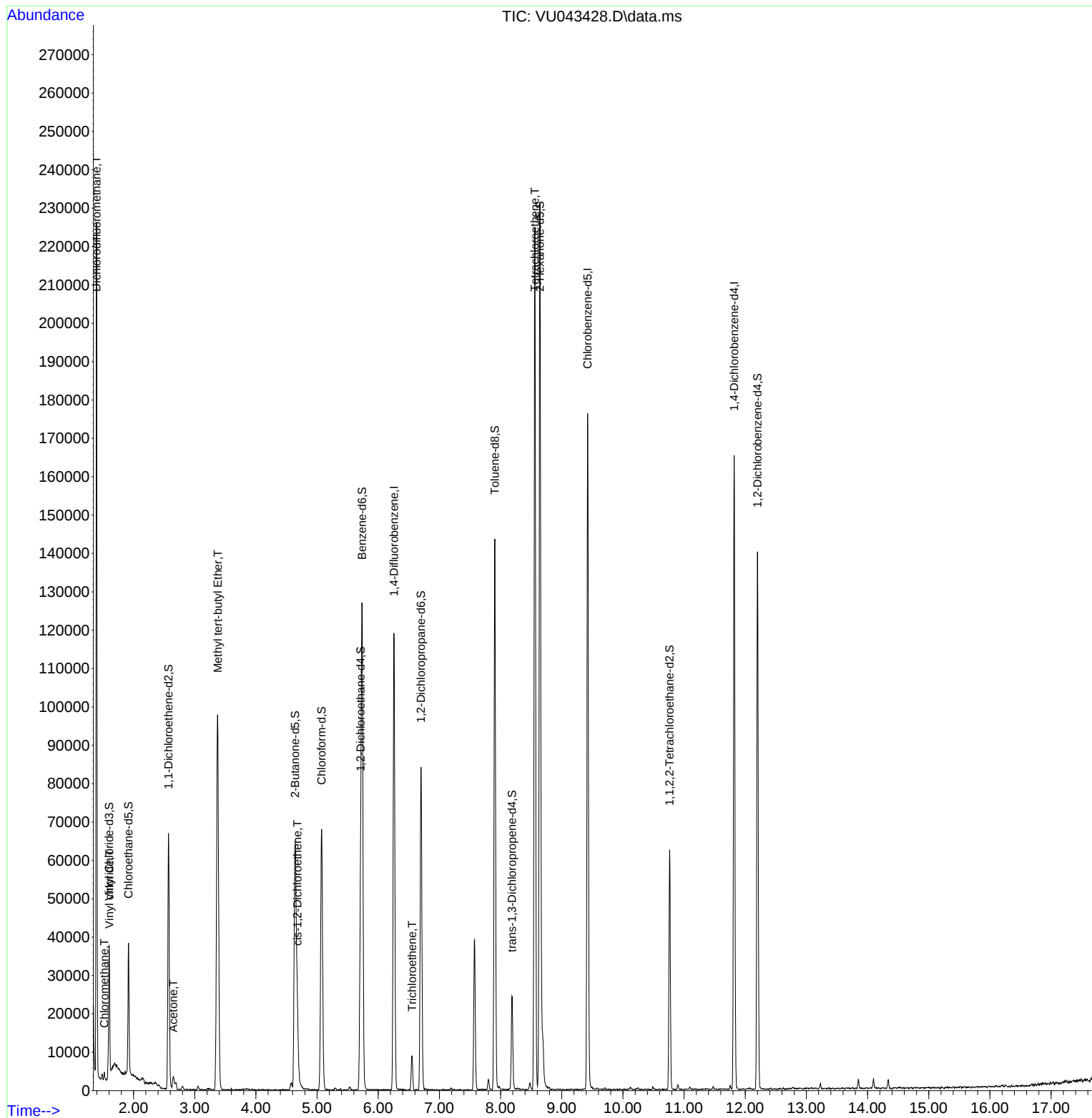
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	85425	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84214	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39360	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21224	4.89	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.80%	
7) Chloroethane-d5	1.916	69	21924	5.36	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.20%	
11) 1,1-Dichloroethene-d2	2.572	65	12748	5.07	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.40%	
20) 2-Butanone-d5	4.639	46	110127	57.80	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.60%	
24) Chloroform-d	5.073	84	57982	5.25	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.00%	
26) 1,2-Dichloroethane-d4	5.713	65	35758	4.79	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.80%	
32) Benzene-d6	5.735	84	103160	5.26	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.20%	
36) 1,2-Dichloropropane-d6	6.700	67	36416	5.60	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.00%	
41) Toluene-d8	7.906	98	86236	4.23	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.60%	
43) trans-1,3-Dichloroprop...	8.185	79	12639	4.40	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.00%	
46) 2-Hexanone-d5	8.642	63	67528	47.15	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.30%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29002	5.07	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.40%	
66) 1,2-Dichlorobenzene-d4	12.201	152	32620	4.83	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.60%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.395	85	2529	0.46	ug/L	95
3) Chloromethane	1.523	50	1502	0.28	ug/L	96
5) Vinyl chloride	1.607	62	1572	0.28	ug/L	# 24
13) Acetone	2.649	43	3837	2.74	ug/L	80
17) Methyl tert-butyl Ether	3.375	73	94682	6.10	ug/L	# 91
22) cis-1,2-Dichloroethene	4.678	96	6216	1.04	ug/L	84
34) Trichloroethene	6.552	95	3094	0.50	ug/L	91
47) Tetrachloroethene	8.562	164	45815	9.32	ug/L	97

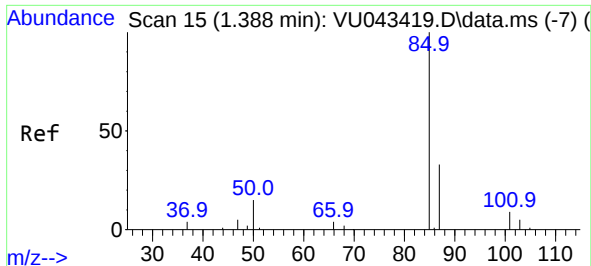
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 07:27:36 2021
Response via : Initial Calibration

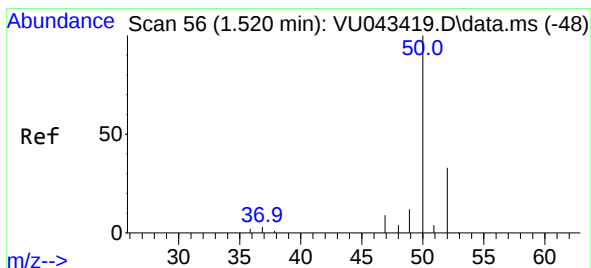
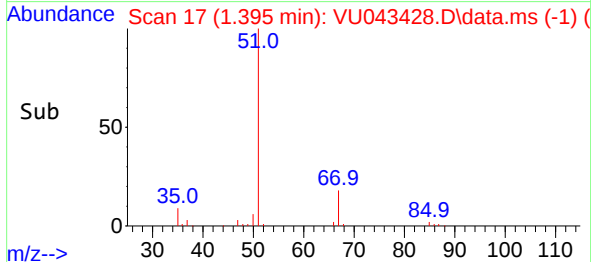
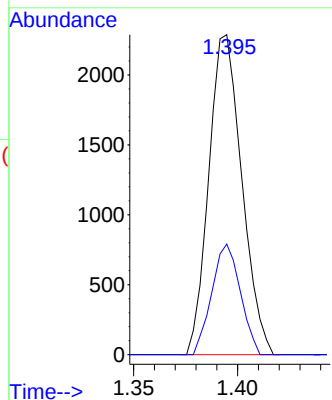
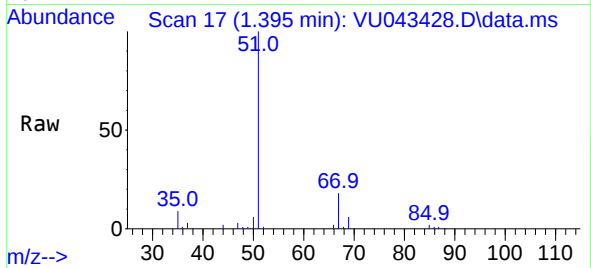




#2
Dichlorodifluoromethane
Concen: 0.46 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043428.D
Acq: 29 Apr 2021 16:26

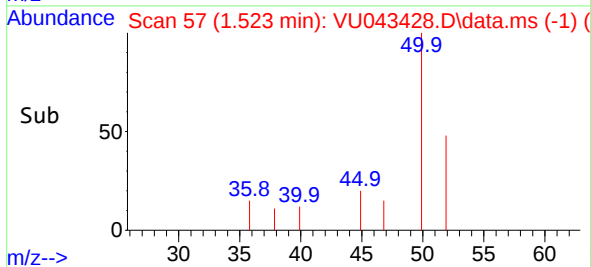
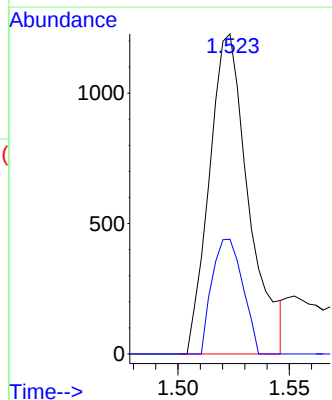
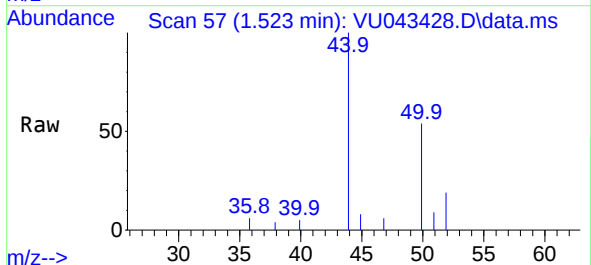
Instrument :
MSVOA_U
ClientSampleId :
H4507

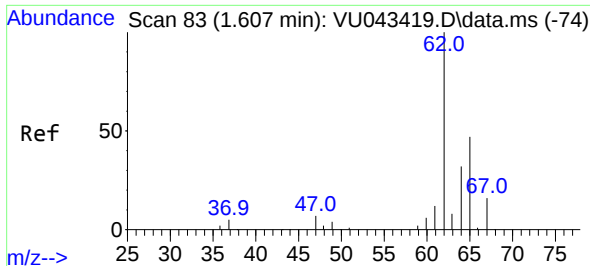
Tgt Ion: 85 Resp: 2529
Ion Ratio Lower Upper
85 100
87 29.8 26.3 39.5



#3
Chloromethane
Concen: 0.28 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043428.D
Acq: 29 Apr 2021 16:26

Tgt Ion: 50 Resp: 1502
Ion Ratio Lower Upper
50 100
52 35.9 23.6 43.8

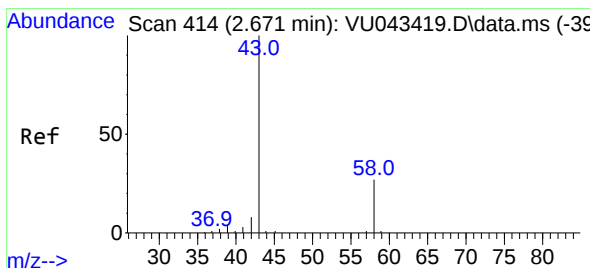
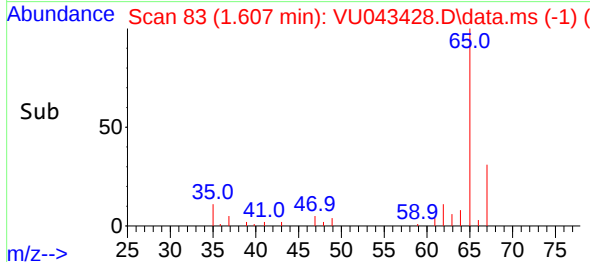
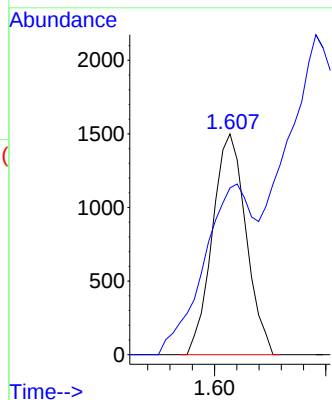
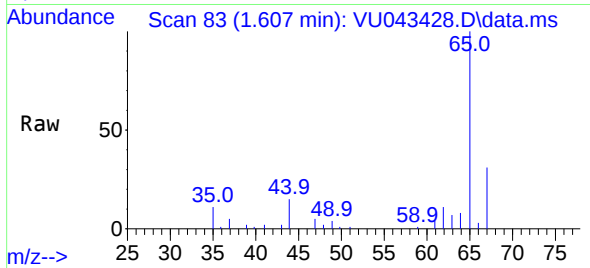




#5
 Vinyl chloride
 Concen: 0.28 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043428.D
 Acq: 29 Apr 2021 16:26

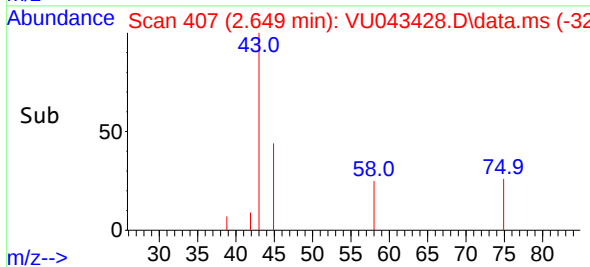
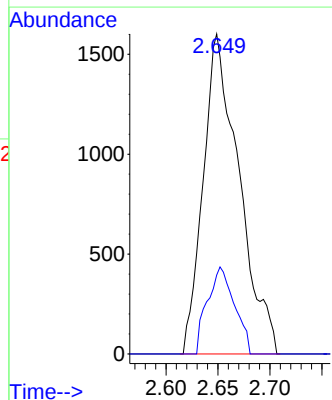
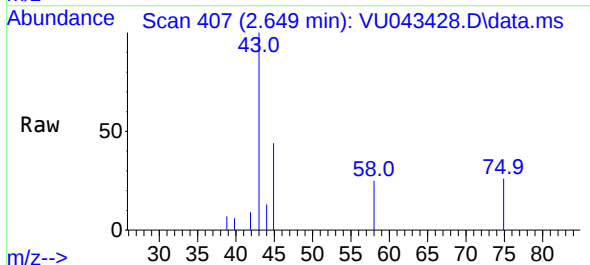
Instrument :
 MSVOA_U
 ClientSampled :
 H4507

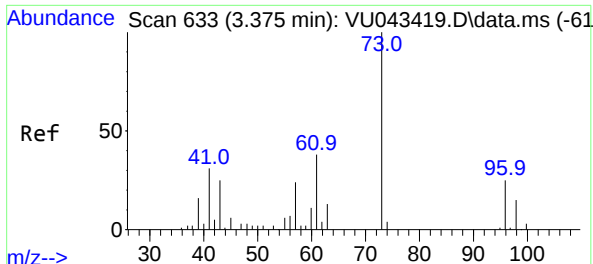
Tgt Ion: 62 Resp: 1572
 Ion Ratio Lower Upper
 62 100
 64 75.5 22.8 42.4#



#13
 Acetone
 Concen: 2.74 ug/L
 RT: 2.649 min Scan# 407
 Delta R.T. -0.022 min
 Lab File: VU043428.D
 Acq: 29 Apr 2021 16:26

Tgt Ion: 43 Resp: 3837
 Ion Ratio Lower Upper
 43 100
 58 20.5 0.0 25.0

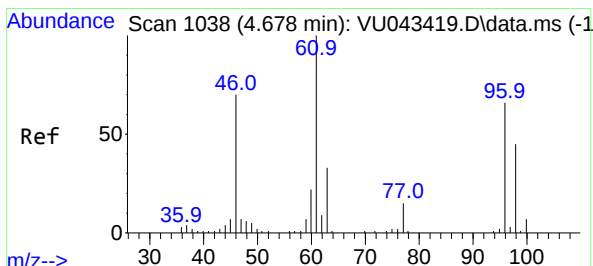
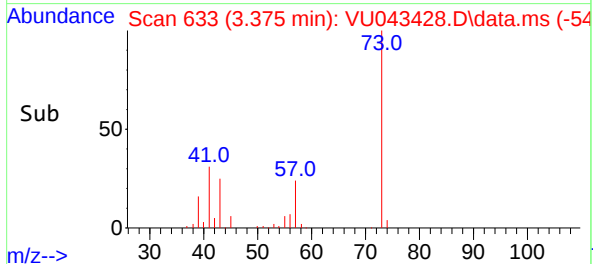
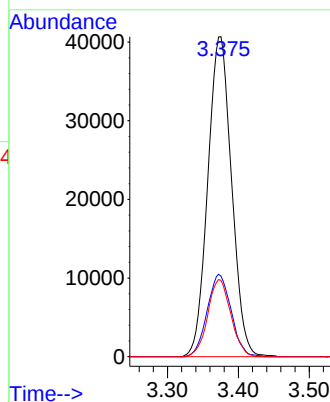
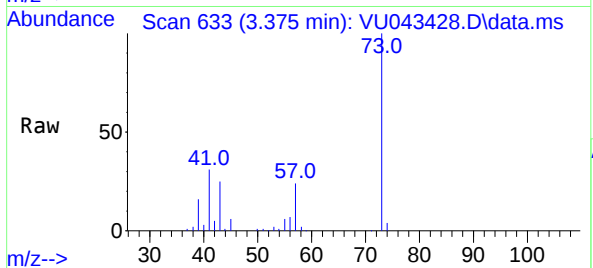




#17
Methyl tert-butyl Ether
Concen: 6.10 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043428.D
Acq: 29 Apr 2021 16:26

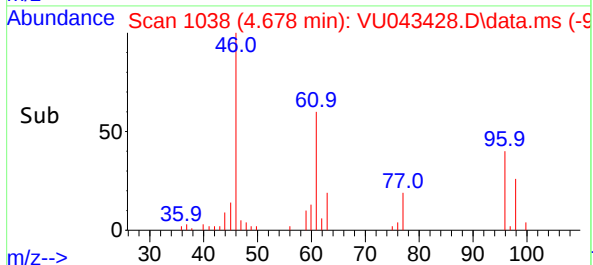
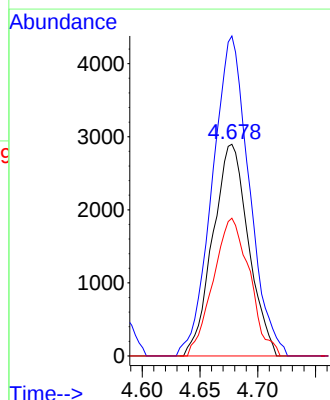
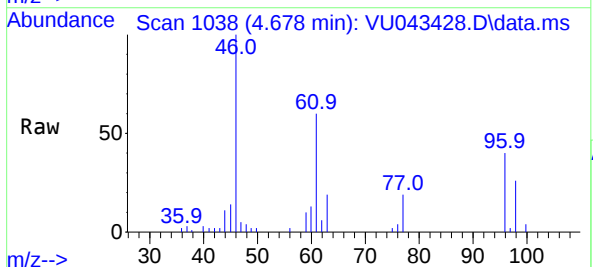
Instrument :
MSVOA_U
ClientSampled :
H4507

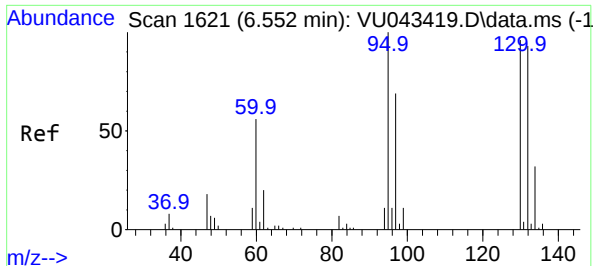
Tgt Ion: 73 Resp: 94682
Ion Ratio Lower Upper
73 100
43 25.9 15.0 22.4#
57 23.4 17.3 25.9



#22
cis-1,2-Dichloroethene
Concen: 1.04 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043428.D
Acq: 29 Apr 2021 16:26

Tgt Ion: 96 Resp: 6216
Ion Ratio Lower Upper
96 100
61 151.2 87.4 162.4
98 65.1 47.7 88.5



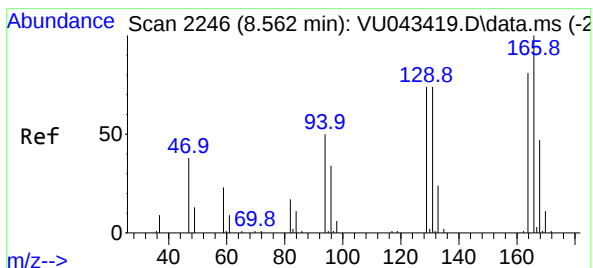
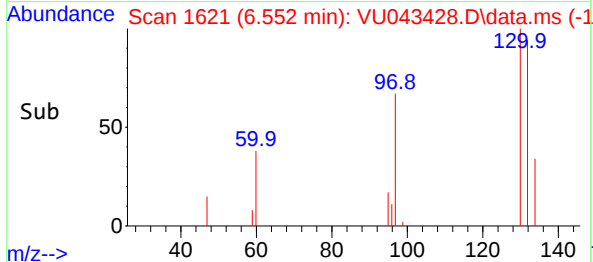
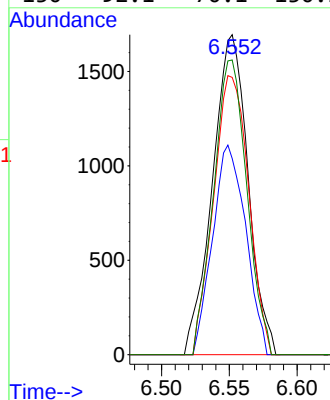
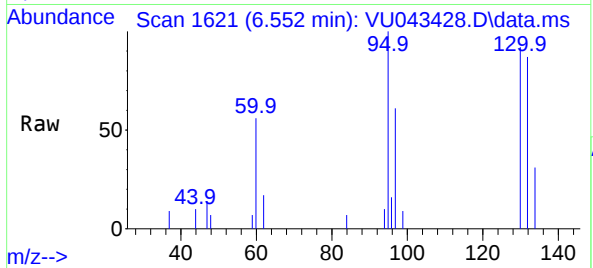


#34
Trichloroethene
Concen: 0.50 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043428.D
Acq: 29 Apr 2021 16:26

Instrument :
MSVOA_U
ClientSampled :
H4507

Tgt Ion: 95 Resp: 3094

Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.8	85.2
132	86.7	68.7	127.7
130	92.1	70.1	130.3



#47
Tetrachloroethene
Concen: 9.32 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043428.D
Acq: 29 Apr 2021 16:26

Tgt Ion: 164 Resp: 45815

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.6	123.8
131	93.2	65.9	122.3
166	125.2	93.7	173.9

