

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043216.D
 Acq On : 20 Apr 2021 12:16
 Operator : SY/MD
 Sample : M2057-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 04:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

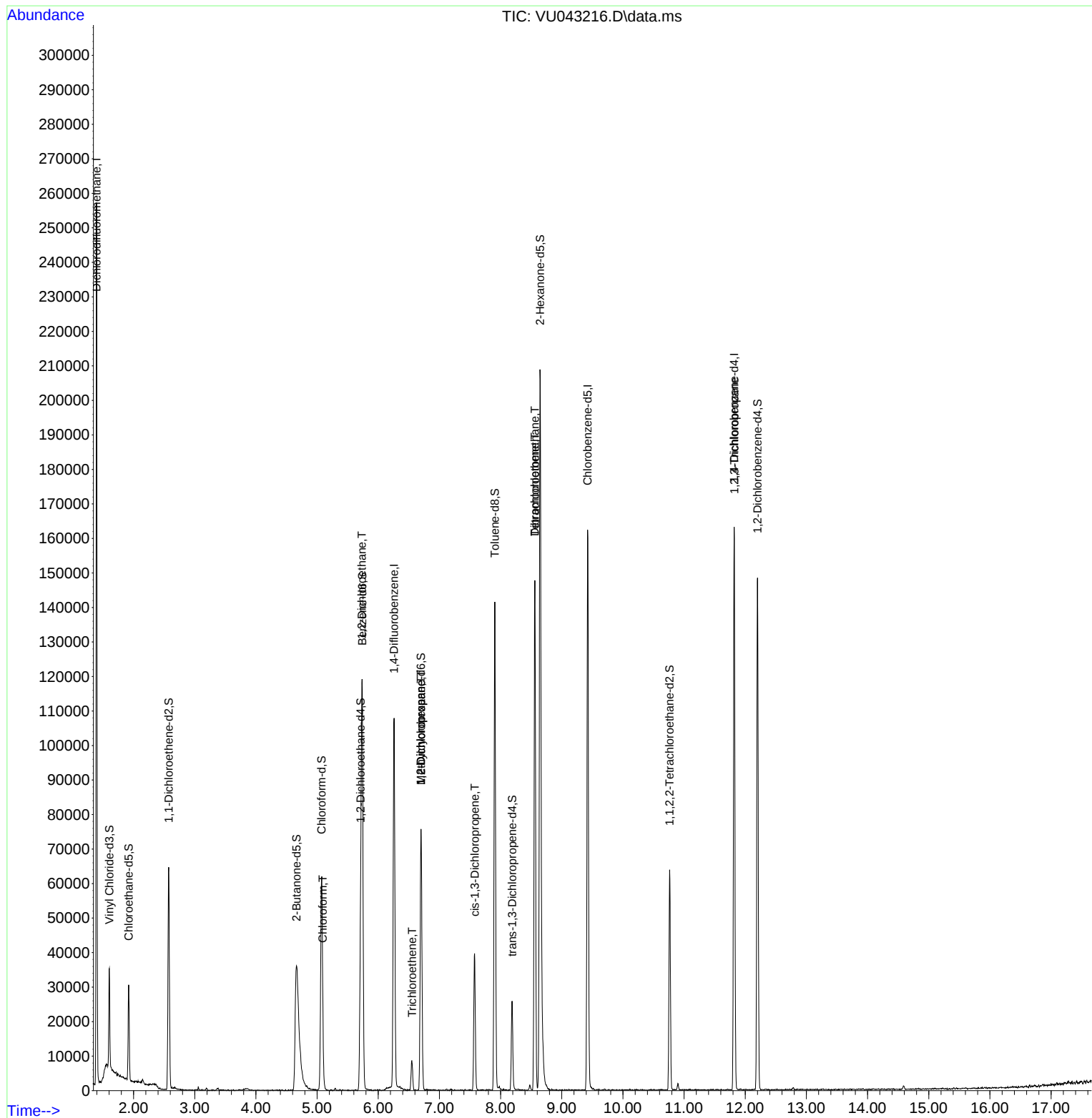
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80253	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	80593	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38928	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19296	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.919	69	18753	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.575	65	12641	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	4.665	46	105800	59.11	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.22%
24) Chloroform-d	5.073	84	54444	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.713	65	34782	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.739	84	96346	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.700	67	32359	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.906	98	85995	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloroprop...	8.189	79	13463	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.645	63	66217	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28552	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	35946	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	3086	0.60	ug/L	95
25) Chloroform	5.092	83	2017	0.18	ug/L	90
27) 1,2-Dichloroethane	5.732	62	696	0.09	ug/L	# 74
34) Trichloroethene	6.552	95	2842	0.48	ug/L	91
35) Methylcyclohexane	6.700	83	7806	0.95	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4234	0.70	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	1040	0.12	ug/L	90
47) Tetrachloroethene	8.562	164	31844	6.77	ug/L	93
49) Dibromochloromethane	8.562	129	28797	5.03	ug/L	# 9
61) 1,2,3-Trichloropropane	11.822	75	5073	1.26	ug/L	# 64

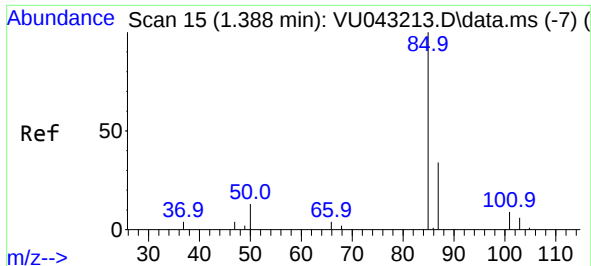
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 21 04:57:57 2021
Response via : Initial Calibration

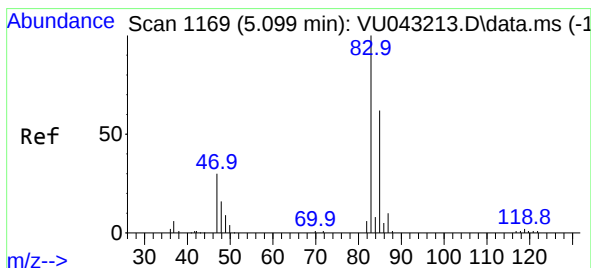
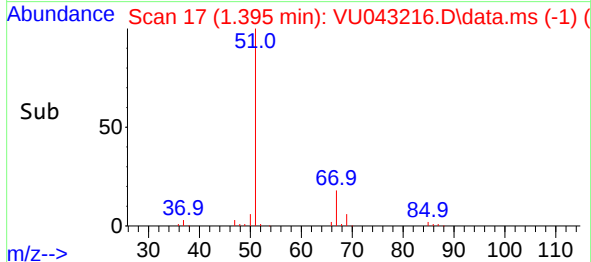
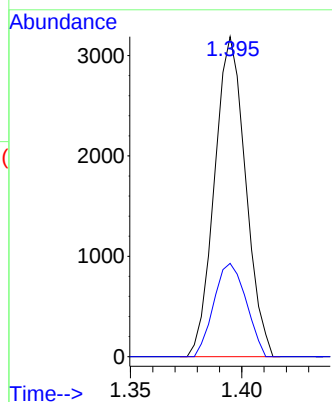
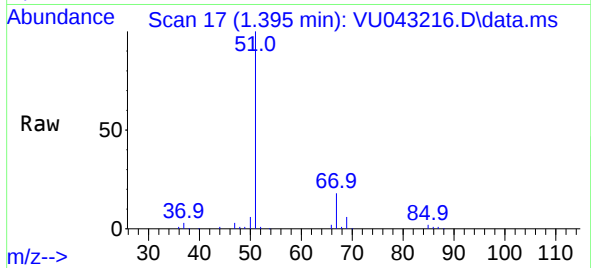




#2
Dichlorodifluoromethane
Concen: 0.60 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043216.D
Acq: 20 Apr 2021 12:16

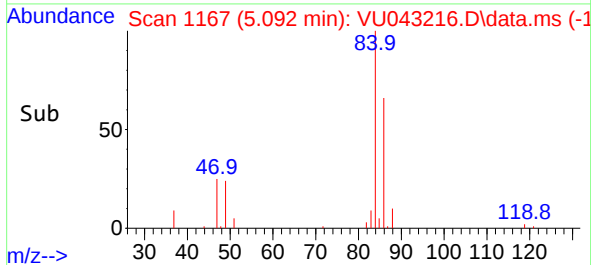
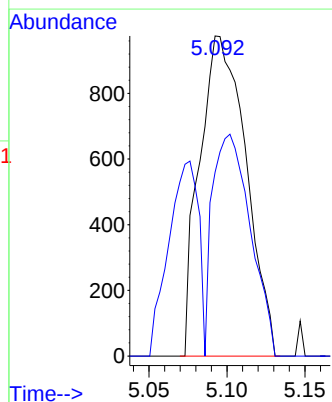
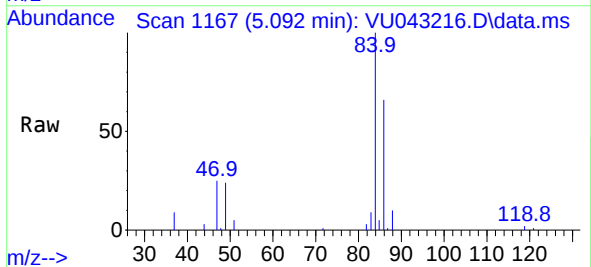
Instrument :
MSVOA_U
ClientSampled :

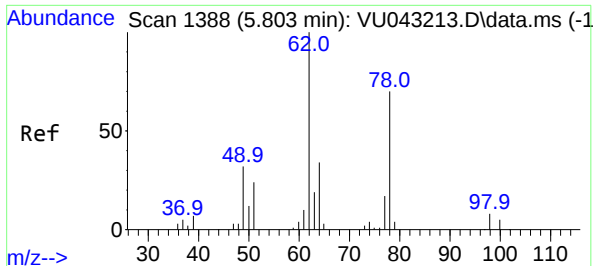
Tgt Ion: 85 Resp: 3086
Ion Ratio Lower Upper
85 100
87 30.2 26.3 39.5



#25
Chloroform
Concen: 0.18 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU043216.D
Acq: 20 Apr 2021 12:16

Tgt Ion: 83 Resp: 2017
Ion Ratio Lower Upper
83 100
85 57.4 45.6 84.8

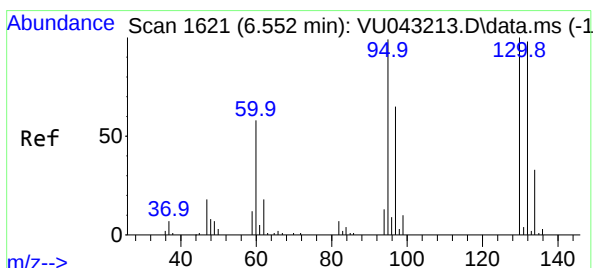
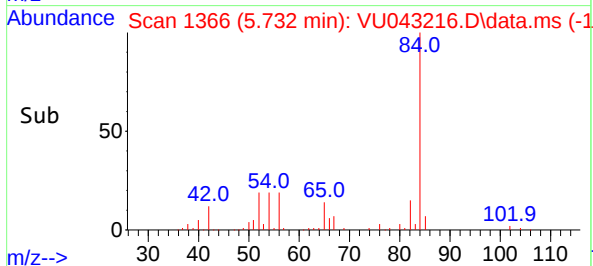
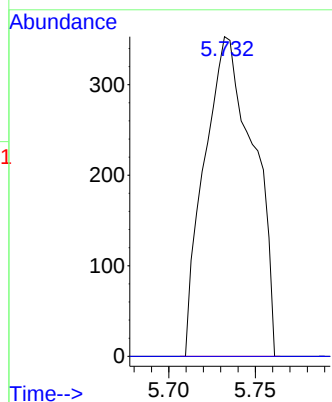
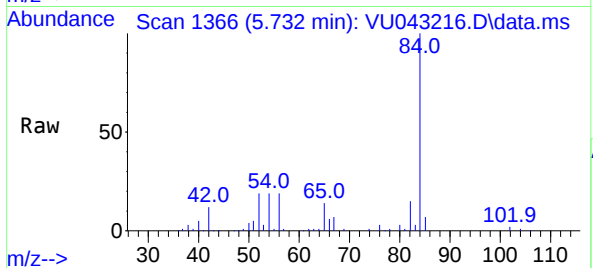




#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043216.D
Acq: 20 Apr 2021 12:16

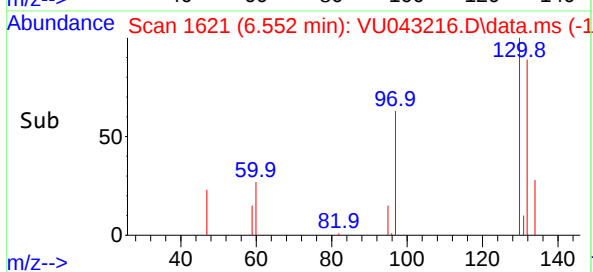
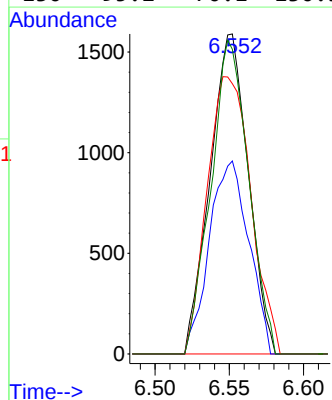
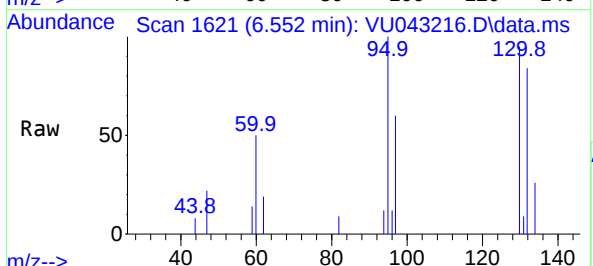
Instrument :
MSVOA_U
ClientSampleId :

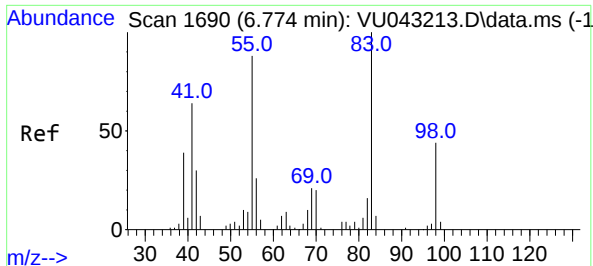
Tgt Ion: 62 Resp: 696
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



#34
Trichloroethene
Concen: 0.48 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043216.D
Acq: 20 Apr 2021 12:16

Tgt Ion: 95 Resp: 2842
Ion Ratio Lower Upper
95 100
97 60.3 45.8 85.2
132 84.5 68.7 127.7
130 95.2 70.1 130.3





#35

Methylcyclohexane

Concen: 0.95 ug/L

RT: 6.700 min Scan# 1667

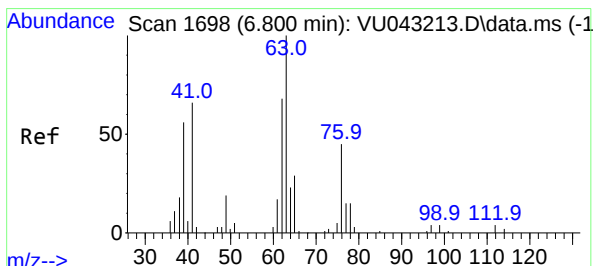
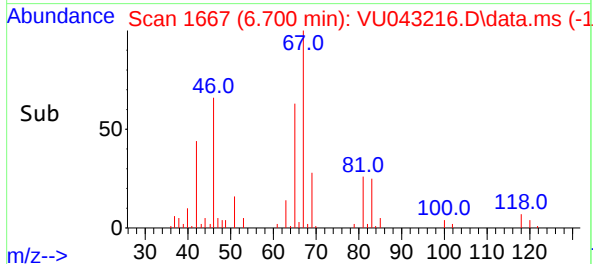
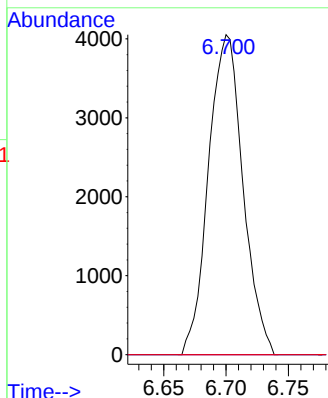
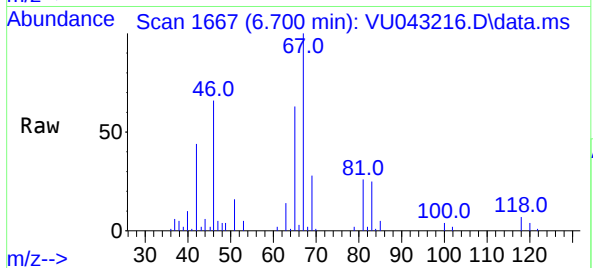
Delta R.T. -0.074 min

Lab File: VU043216.D

Acq: 20 Apr 2021 12:16

Tgt Ion:	83	Resp:	7806
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.70 ug/L

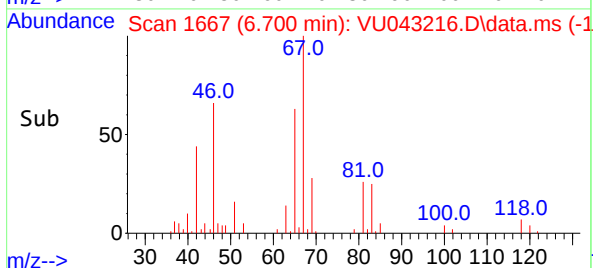
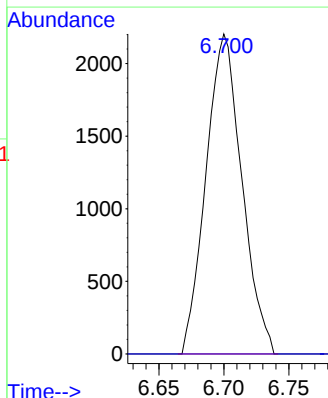
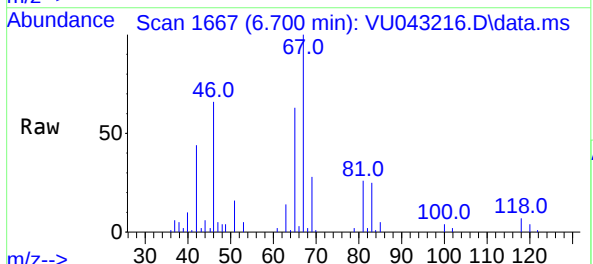
RT: 6.700 min Scan# 1667

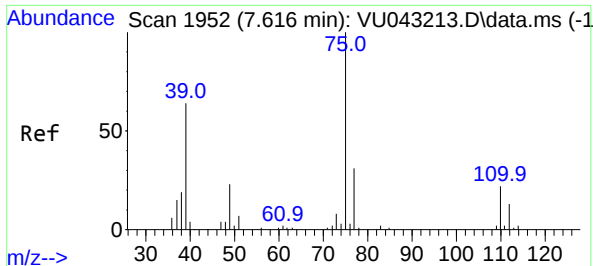
Delta R.T. -0.100 min

Lab File: VU043216.D

Acq: 20 Apr 2021 12:16

Tgt Ion:	63	Resp:	4234
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



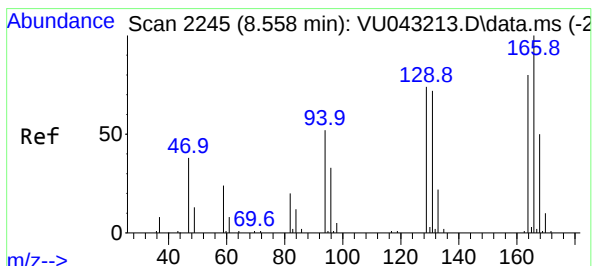
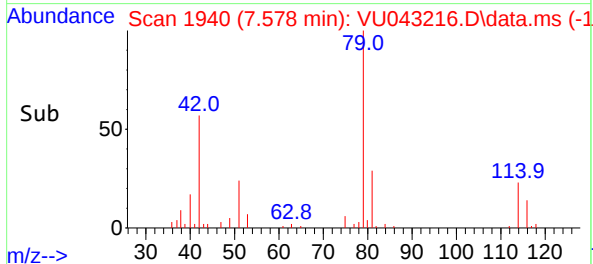
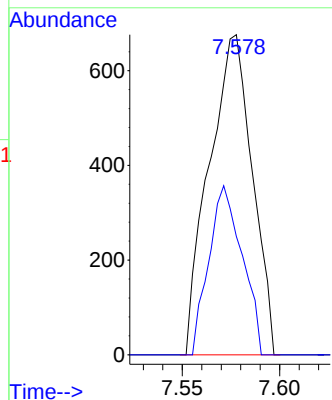
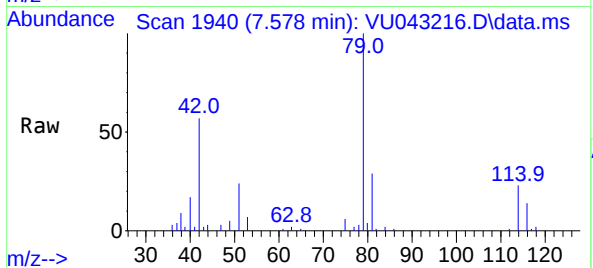


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.038 min
Lab File: VU043216.D
Acq: 20 Apr 2021 12:16

Instrument :
MSVOA_U
ClientSampled :

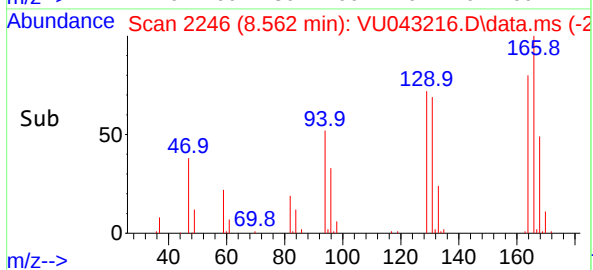
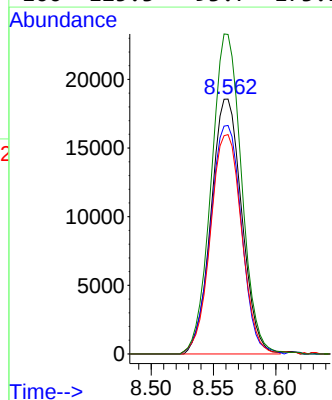
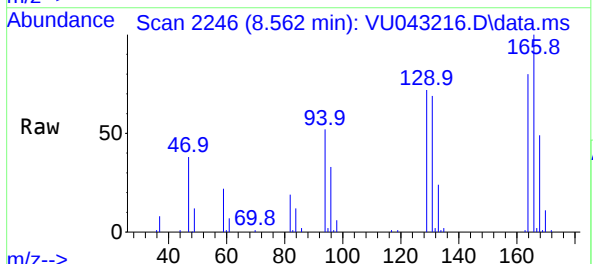
Tgt Ion: 75 Resp: 1040
Ion Ratio Lower Upper
75 100
77 37.0 21.8 40.6

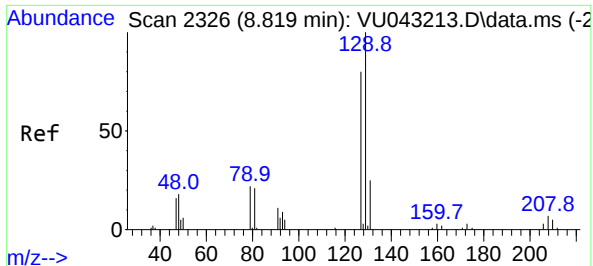


#47

Tetrachloroethene
Concen: 6.77 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043216.D
Acq: 20 Apr 2021 12:16

Tgt Ion:164 Resp: 31844
Ion Ratio Lower Upper
164 100
129 89.7 66.6 123.8
131 86.1 65.9 122.3
166 125.3 93.7 173.9





#49

Dibromochloromethane

Concen: 5.03 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043216.D

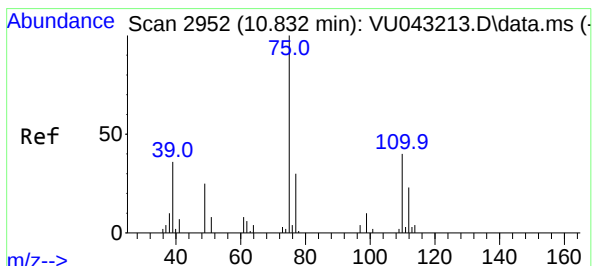
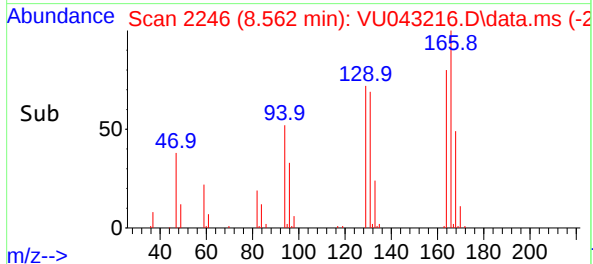
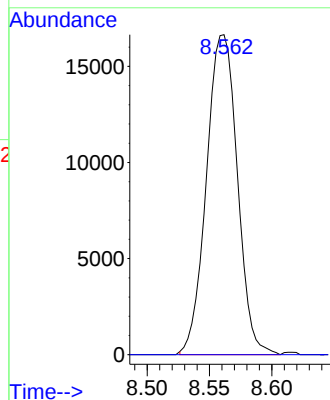
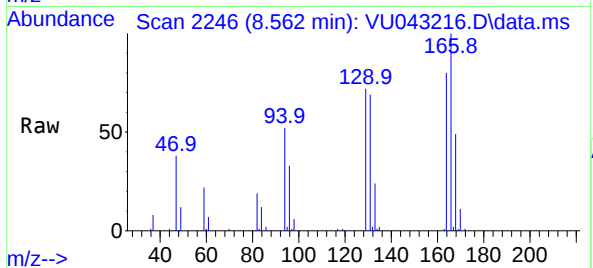
Acq: 20 Apr 2021 12:16

Tgt Ion:129 Resp: 28797

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.26 ug/L

RT: 11.822 min Scan# 3260

Delta R.T. 0.990 min

Lab File: VU043216.D

Acq: 20 Apr 2021 12:16

Tgt Ion: 75 Resp: 5073

Ion Ratio Lower Upper

75 100

110 1.4 31.5 47.3#

77 36.3 26.3 39.5

