

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043227.D
 Acq On : 20 Apr 2021 16:40
 Operator : SY/MD
 Sample : M2057-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:02:02 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)

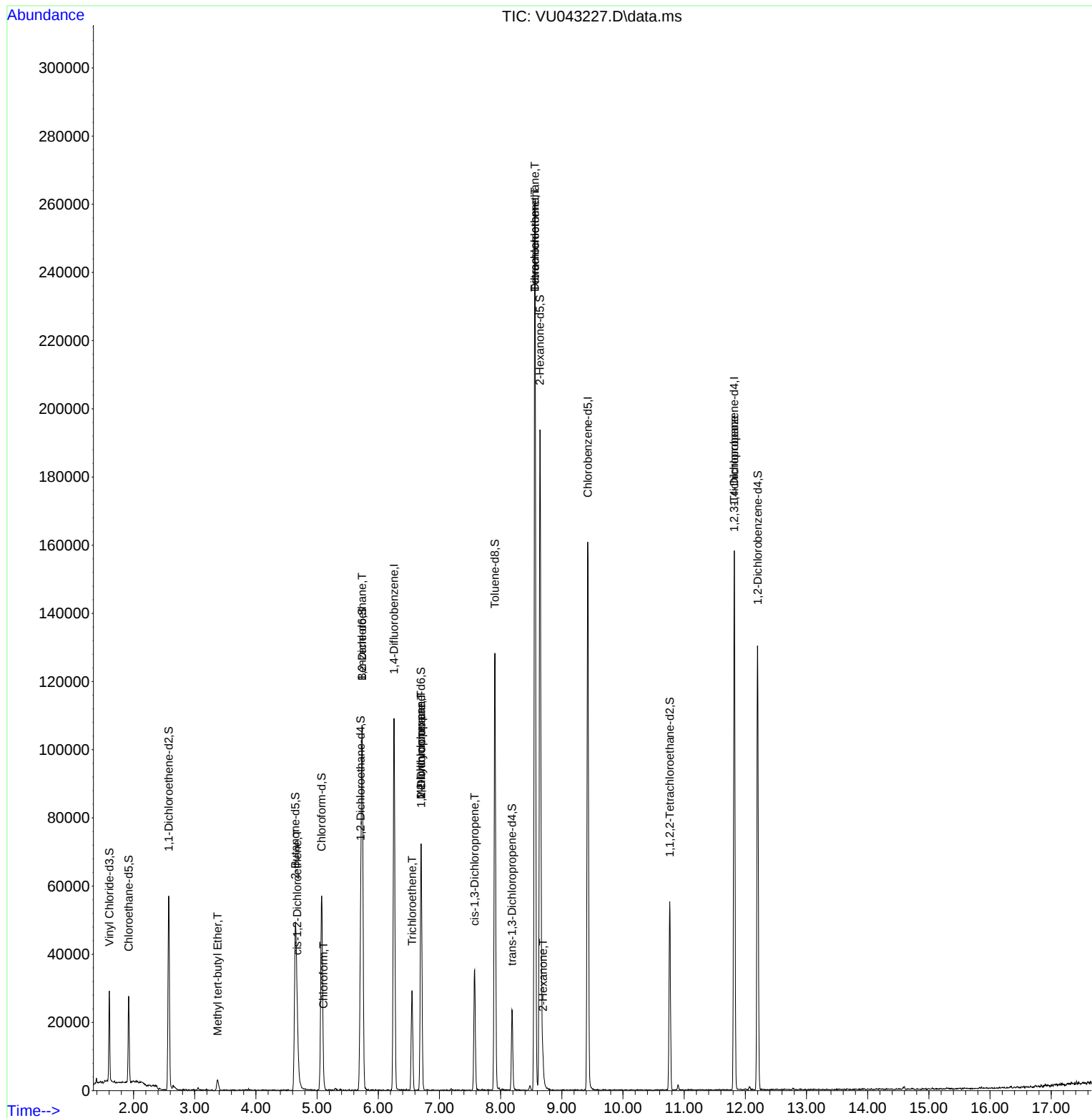
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	79829	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	80529	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	37459	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17305	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.919	69	16703	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.575	65	10708	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.646	46	93447	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	5.073	84	48827	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	31655	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.736	84	86804	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.700	67	30738	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	77658	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloroprop...	8.186	79	11076	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.642	63	59608	43.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25038	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
66) 1,2-Dichlorobenzene-d4	12.202	152	31522	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.372	73	3157	0.22	ug/L	# 90
22) cis-1,2-Dichloroethene	4.675	96	1939	0.35	ug/L	# 72
25) Chloroform	5.102	83	2192	0.20	ug/L	87
27) 1,2-Dichloroethane	5.736	62	701	0.09	ug/L	# 74
34) Trichloroethene	6.552	95	9651	1.63	ug/L	94
35) Methylcyclohexane	6.700	83	6983	0.85	ug/L	# 22
37) 1,2-Dichloropropane	6.703	63	3780	0.62	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	985	0.11	ug/L	# 26
47) Tetrachloroethene	8.559	164	54568	11.61	ug/L	95
48) 2-Hexanone	8.694	43	3241	0.81	ug/L	# 70
49) Dibromochloromethane	8.559	129	47936	8.39	ug/L	# 9
61) 1,2,3-Trichloropropane	11.816	75	4860	1.26	ug/L	# 59

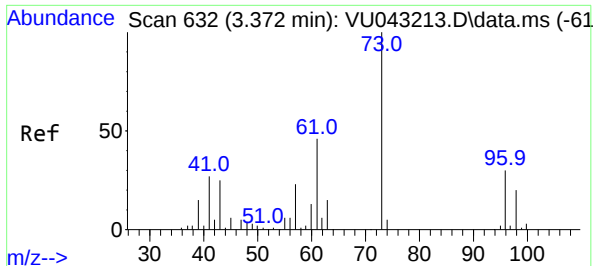
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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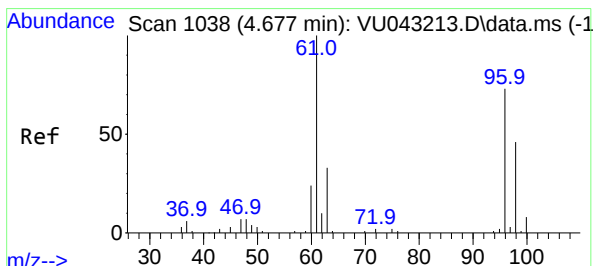
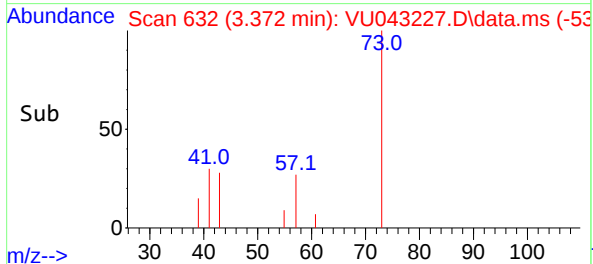
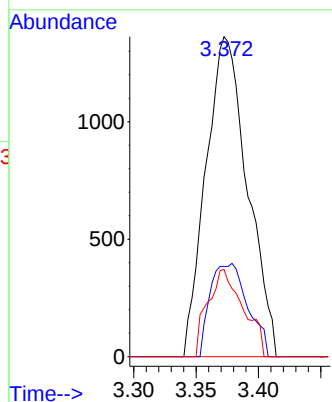
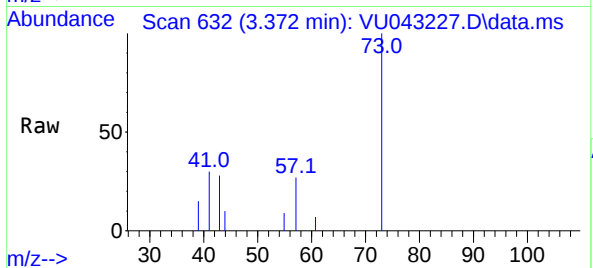


#17

Methyl tert-butyl Ether
Concen: 0.22 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :

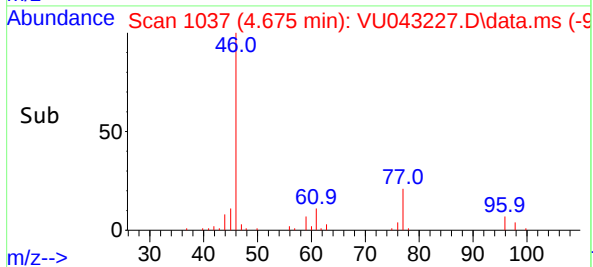
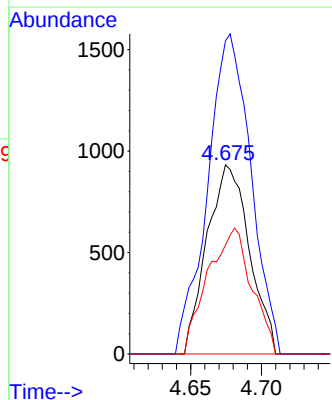
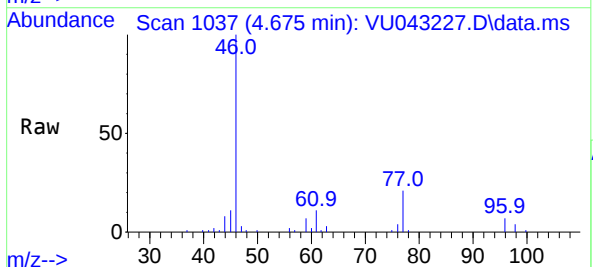
Tgt Ion: 73 Resp: 3157
Ion Ratio Lower Upper
73 100
43 26.4 15.0 22.4#
57 23.3 17.3 25.9

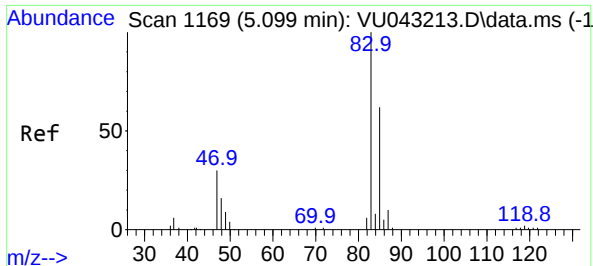


#22

cis-1,2-Dichloroethene
Concen: 0.35 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Tgt Ion: 96 Resp: 1939
Ion Ratio Lower Upper
96 100
61 165.6 87.4 162.4#
98 57.6 47.7 88.5



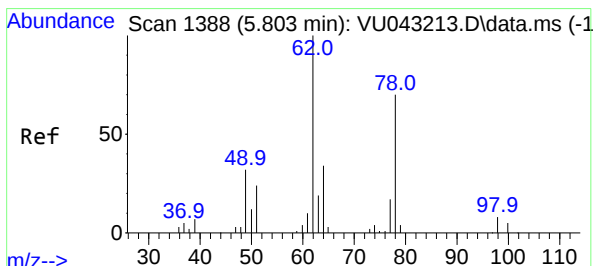
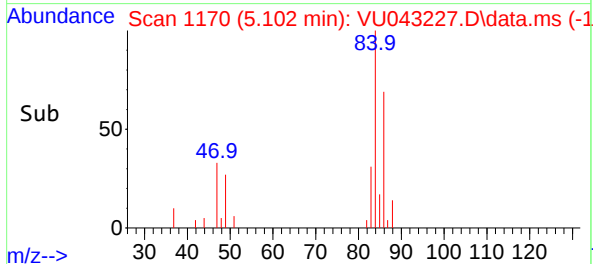
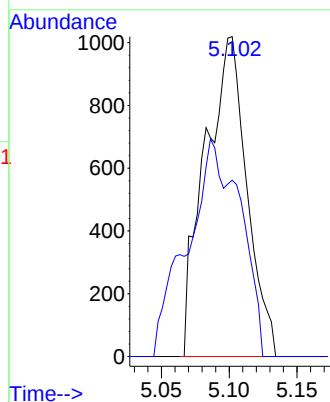
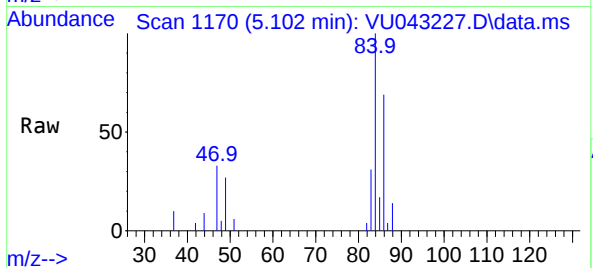


#25

Chloroform
Concen: 0.20 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.004 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Instrument :
MSVOA_U
ClientSampled :

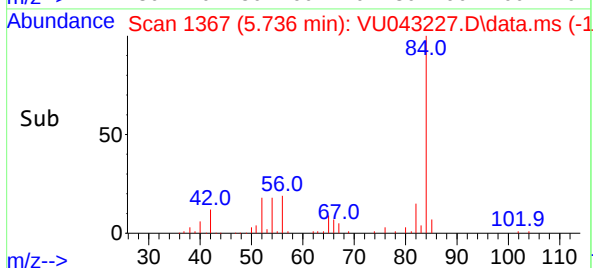
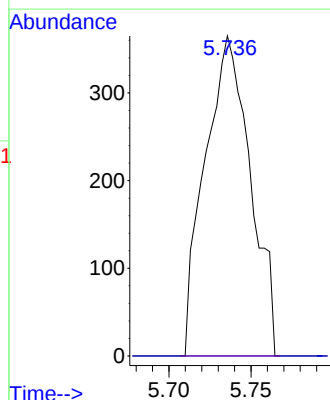
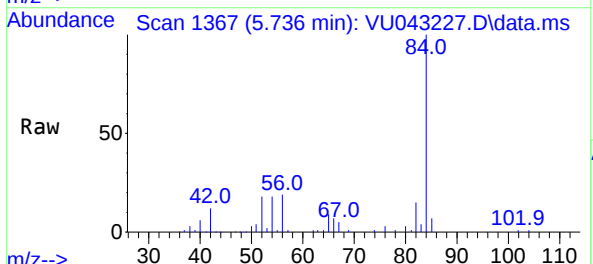
Tgt Ion: 83 Resp: 2192
Ion Ratio Lower Upper
83 100
85 55.2 45.6 84.8

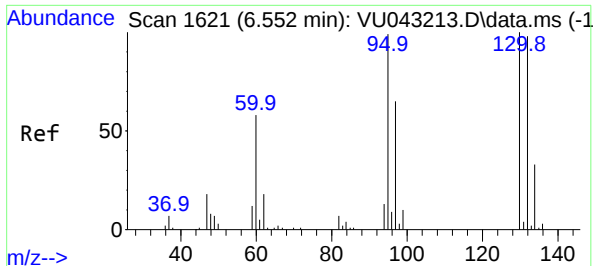


#27

1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Tgt Ion: 62 Resp: 701
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



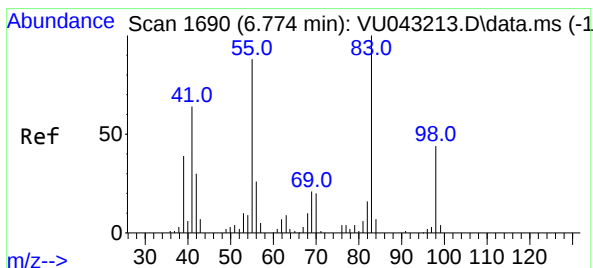
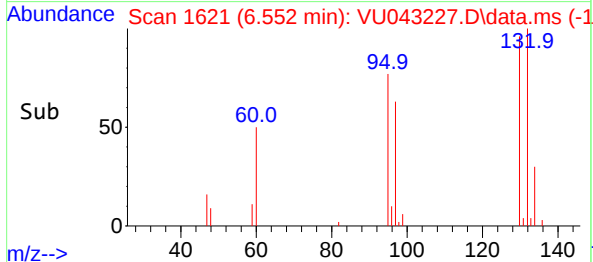
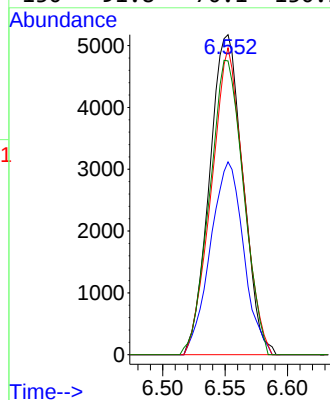
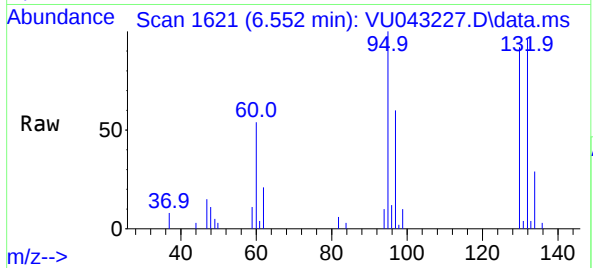


#34
Trichloroethene
Concen: 1.63 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 9651

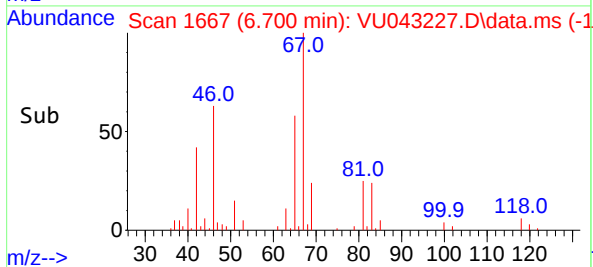
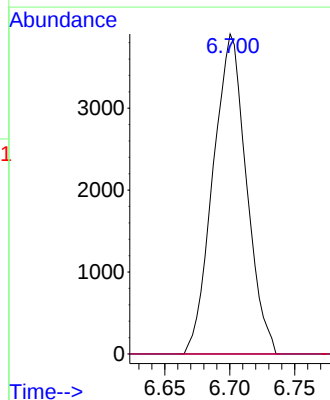
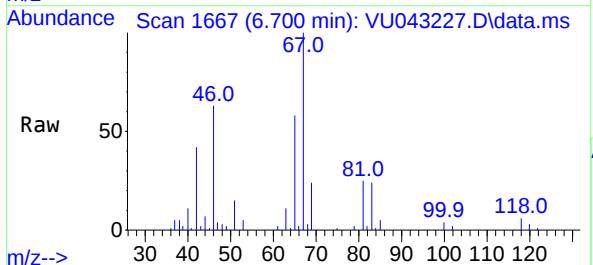
Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.8	85.2
132	95.8	68.7	127.7
130	91.8	70.1	130.3

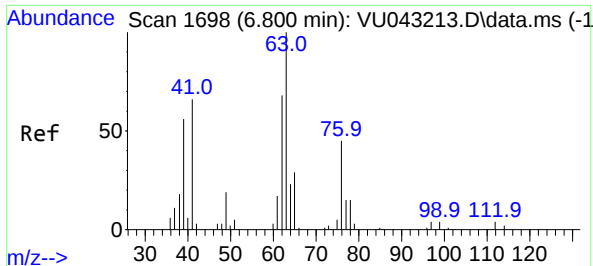


#35
Methylcyclohexane
Concen: 0.85 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Tgt Ion: 83 Resp: 6983

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	5.6	37.9	56.9#

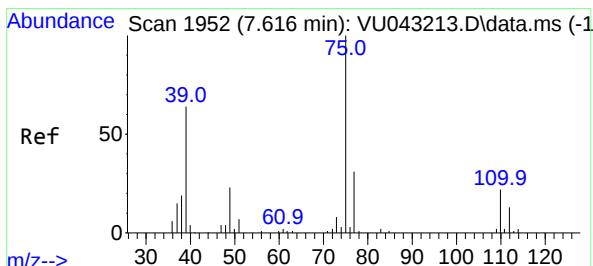
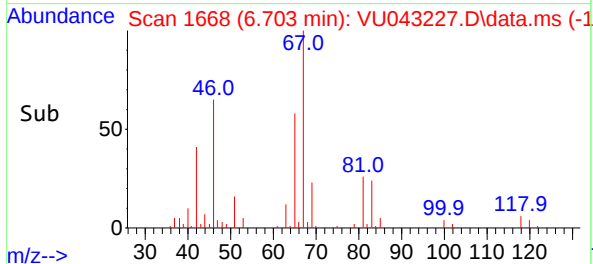
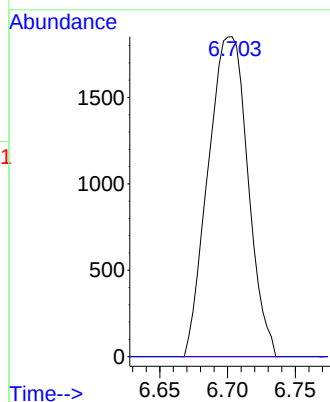
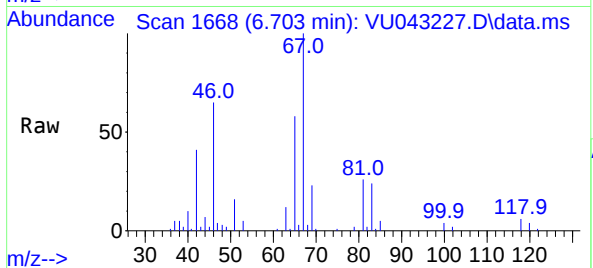




#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.096 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

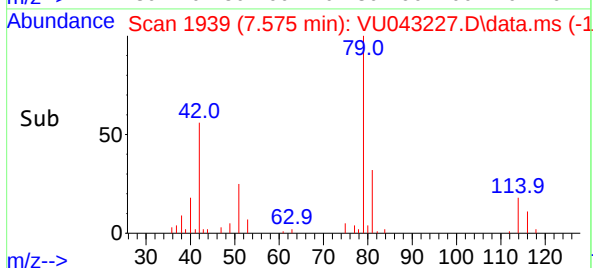
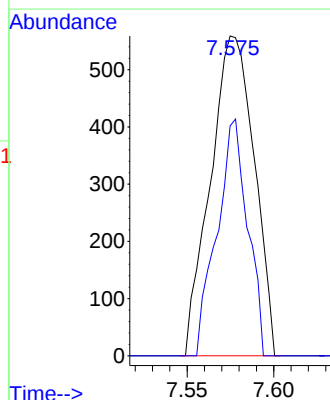
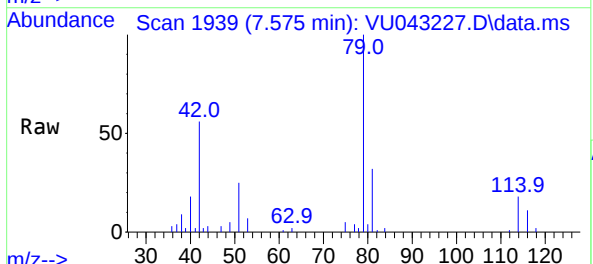
Instrument :
MSVOA_U
ClientSampleId :

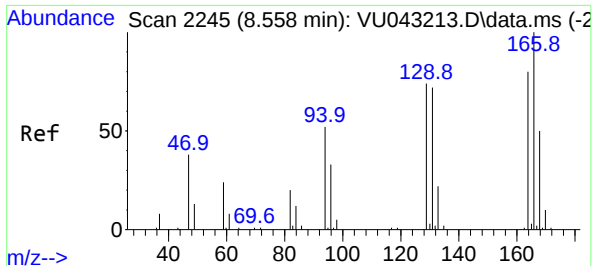
Tgt Ion: 63 Resp: 3780
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.041 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Tgt Ion: 75 Resp: 985
Ion Ratio Lower Upper
75 100
77 71.9 21.8 40.6#



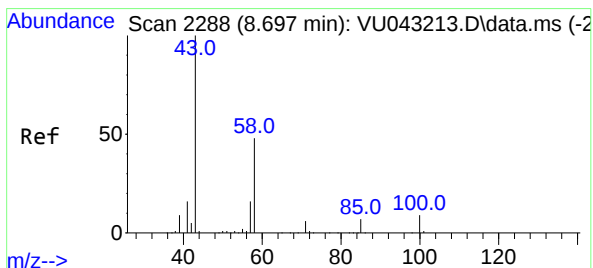
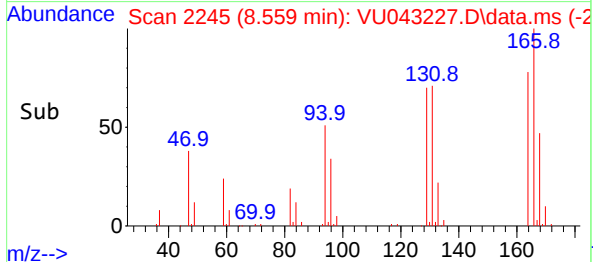
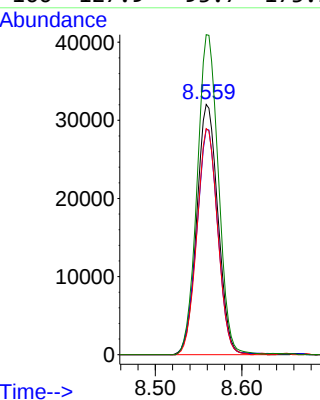
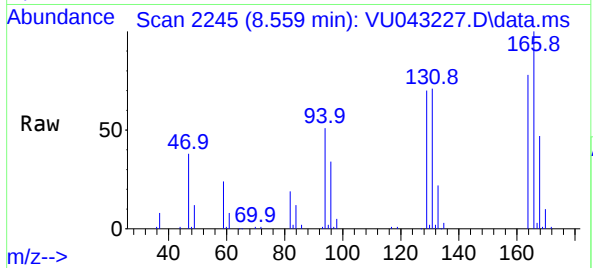


#47
Tetrachloroethene
Concen: 11.61 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 54568

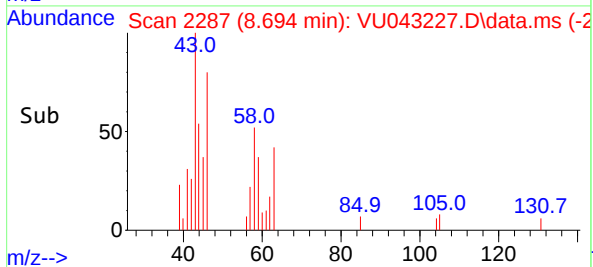
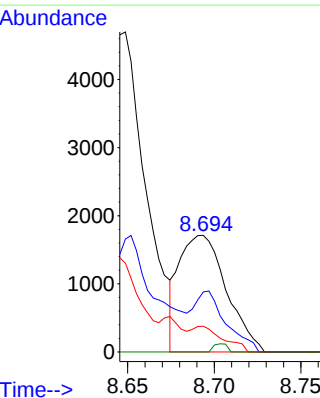
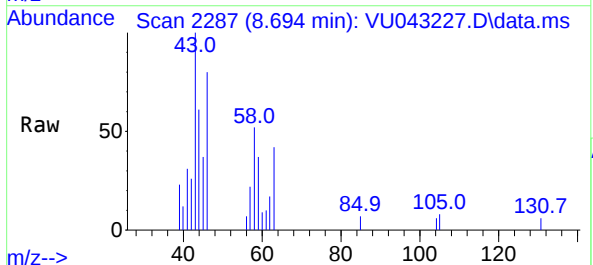
Ion	Ratio	Lower	Upper
164	100		
129	90.1	66.6	123.8
131	90.4	65.9	122.3
166	127.9	93.7	173.9

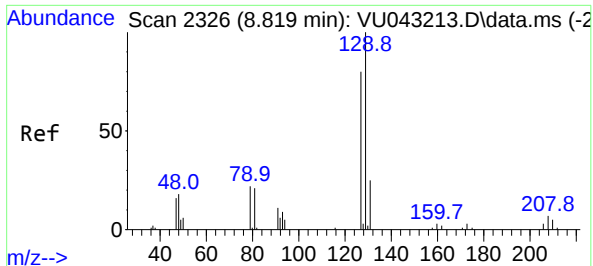


#48
2-Hexanone
Concen: 0.81 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043227.D
Acq: 20 Apr 2021 16:40

Tgt Ion: 43 Resp: 3241

Ion	Ratio	Lower	Upper
43	100		
58	35.8	50.0	75.0#
57	14.6	17.4	26.0#
100	2.0	11.8	17.8#





#49

Dibromochloromethane

Concen: 8.39 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043227.D

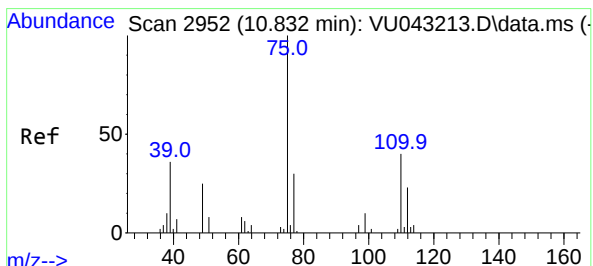
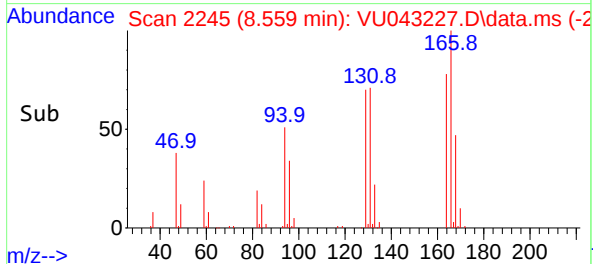
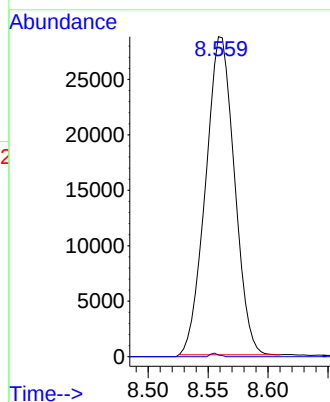
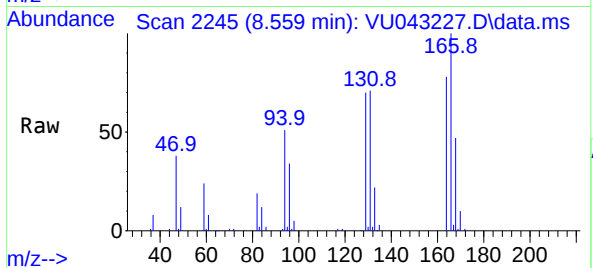
Acq: 20 Apr 2021 16:40

Tgt Ion:129 Resp: 47936

Ion Ratio Lower Upper

129 100

127 0.5 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.26 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.984 min

Lab File: VU043227.D

Acq: 20 Apr 2021 16:40

Tgt Ion: 75 Resp: 4860

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 39.8 26.3 39.5#

