

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043230.D
 Acq On : 20 Apr 2021 17:52
 Operator : SY/MD
 Sample : M2057-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:02:40 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)

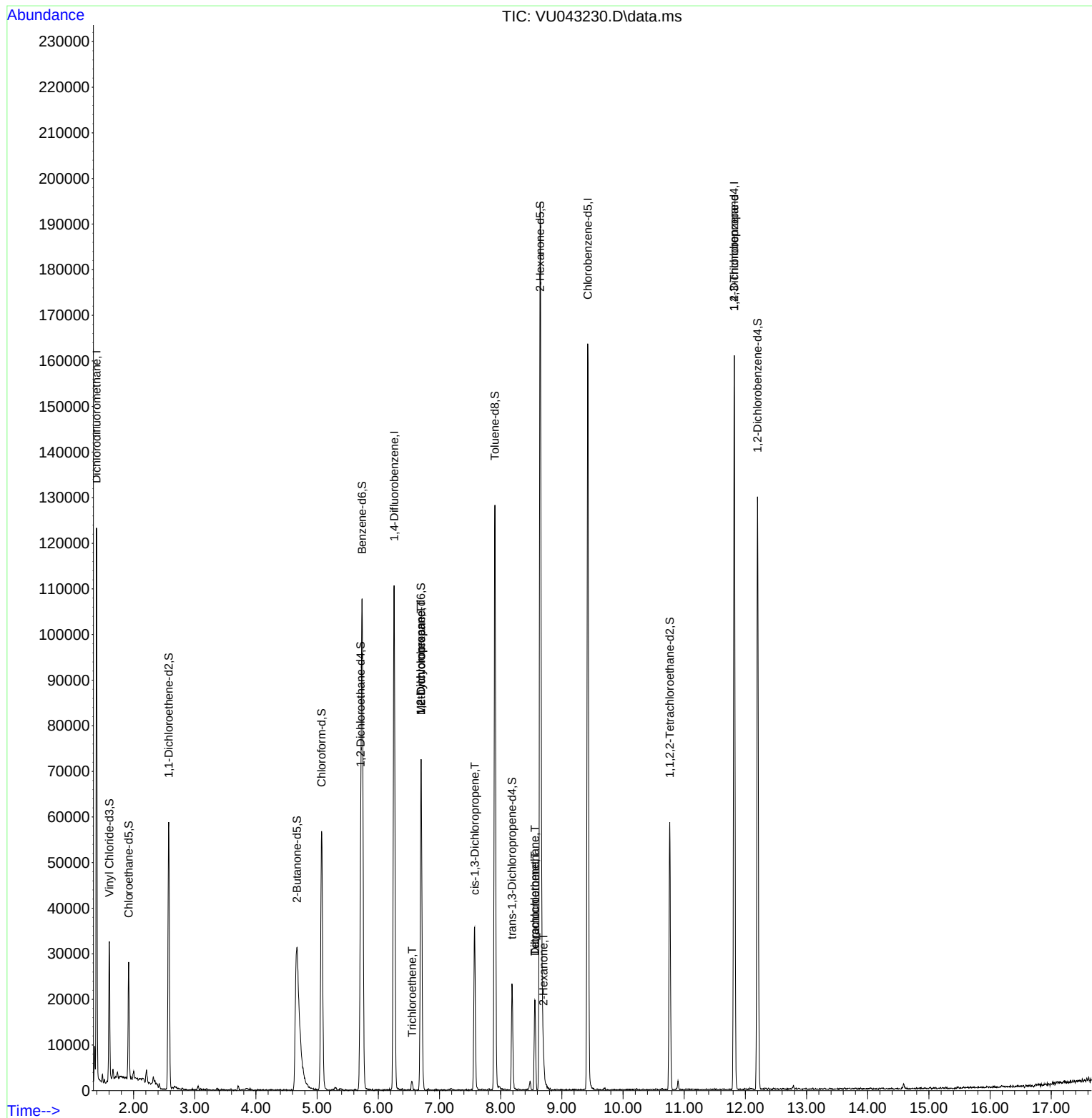
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	81592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	81725	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	39058	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17166	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.919	69	16584	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.575	65	11771	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	4.671	46	97545	53.60	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.20%
24) Chloroform-d	5.073	84	49858	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	32743	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.735	84	88278	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	29934	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	78848	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloroprop...	8.185	79	11948	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.645	63	61967	44.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.16%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	26793	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	31421	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1285	0.25	ug/L	89
34) Trichloroethene	6.552	95	695	0.12	ug/L	87
35) Methylcyclohexane	6.700	83	7279	0.87	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	3684	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	948	0.11	ug/L #	72
47) Tetrachloroethene	8.558	164	4207	0.88	ug/L	95
48) 2-Hexanone	8.700	43	3385	0.84	ug/L #	40
49) Dibromochloromethane	8.558	129	3903	0.67	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5009	1.24	ug/L #	58

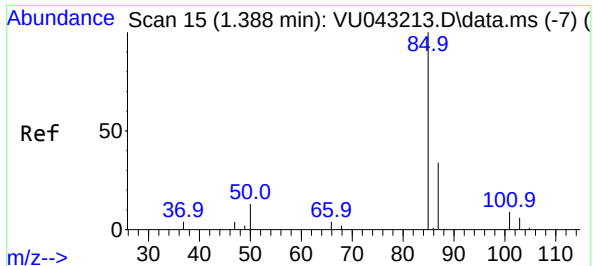
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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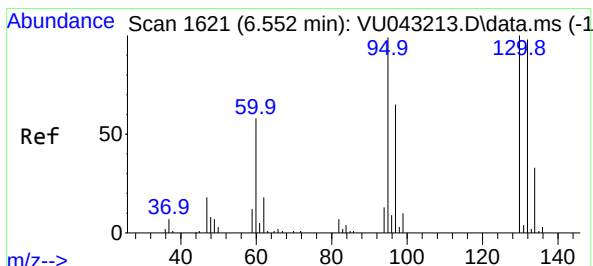
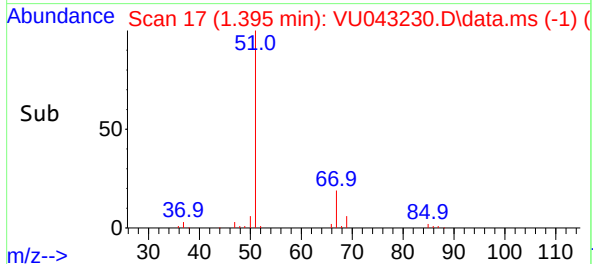
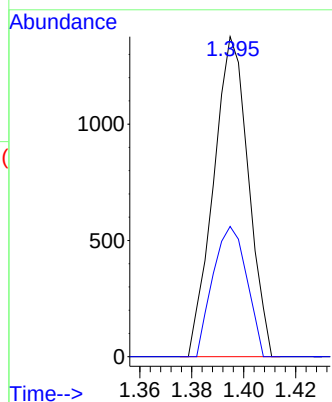
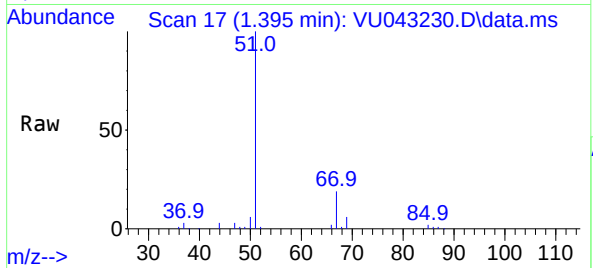




#2
Dichlorodifluoromethane
Concen: 0.25 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU043230.D
Acq: 20 Apr 2021 17:52

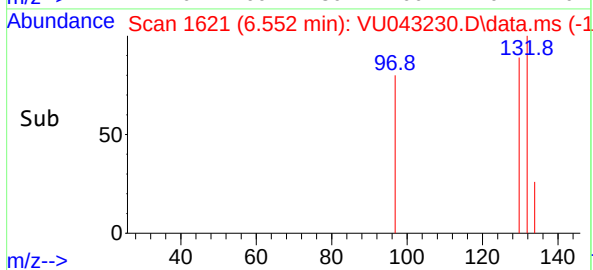
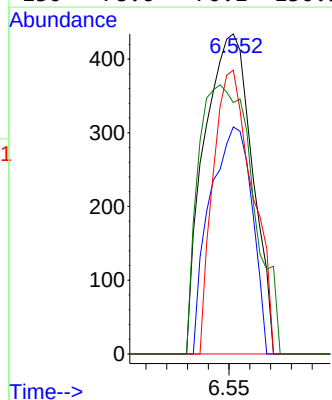
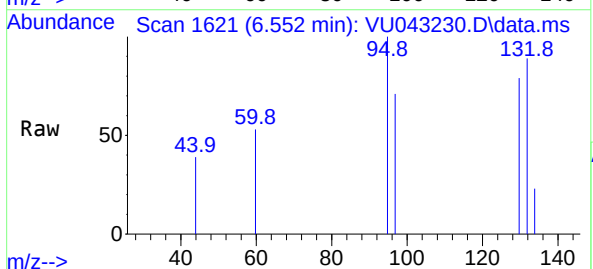
Instrument :
MSVOA_U
ClientSampled :

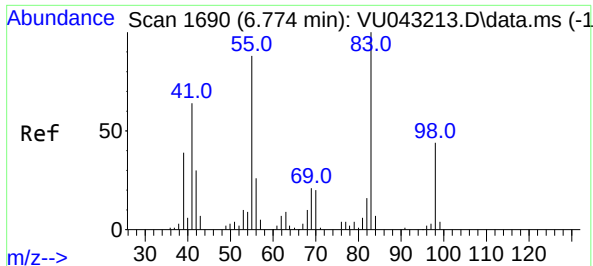
Tgt Ion: 85 Resp: 1285
Ion Ratio Lower Upper
85 100
87 39.3 26.3 39.5



#34
Trichloroethene
Concen: 0.12 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU043230.D
Acq: 20 Apr 2021 17:52

Tgt Ion: 95 Resp: 695
Ion Ratio Lower Upper
95 100
97 71.0 45.8 85.2
132 88.7 68.7 127.7
130 78.6 70.1 130.3

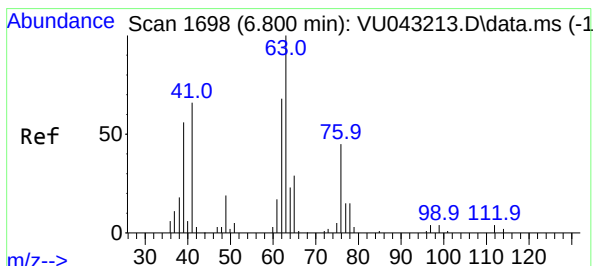
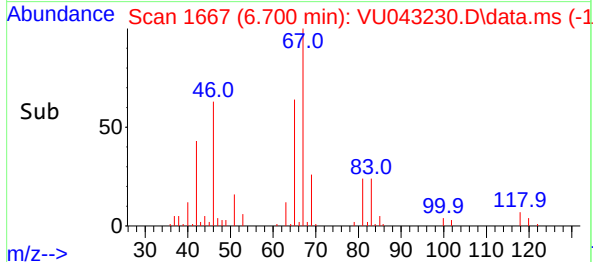
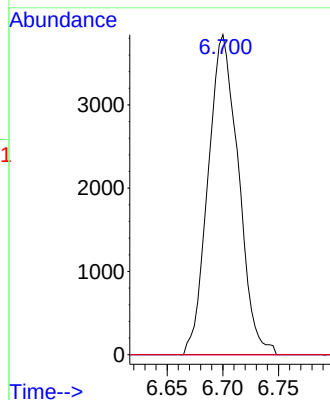
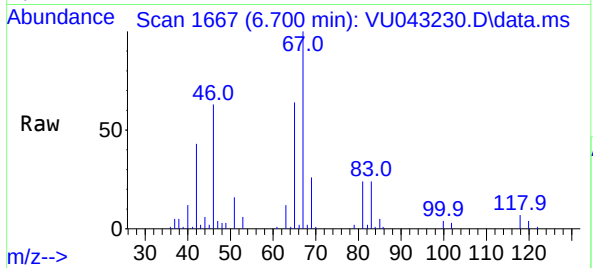




#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043230.D
Acq: 20 Apr 2021 17:52

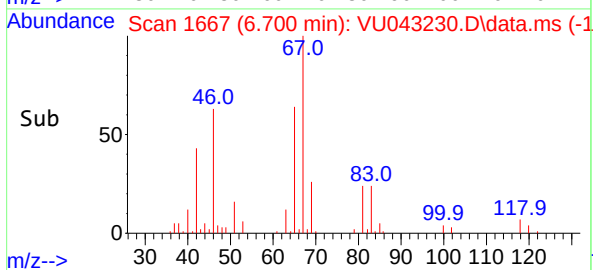
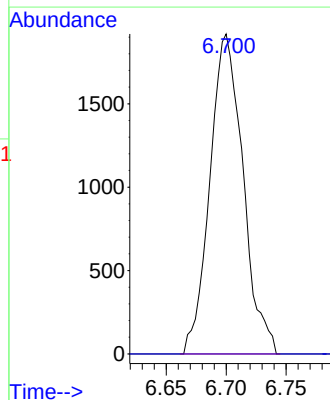
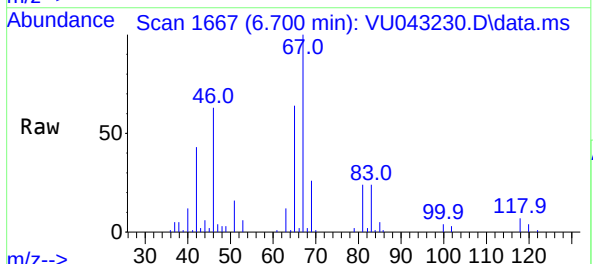
Instrument :
MSVOA_U
ClientSampleId :

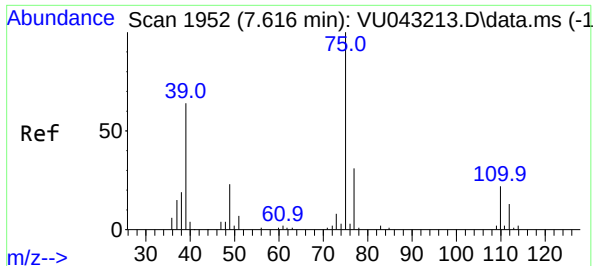
Tgt Ion: 83 Resp: 7279
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043230.D
Acq: 20 Apr 2021 17:52

Tgt Ion: 63 Resp: 3684
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



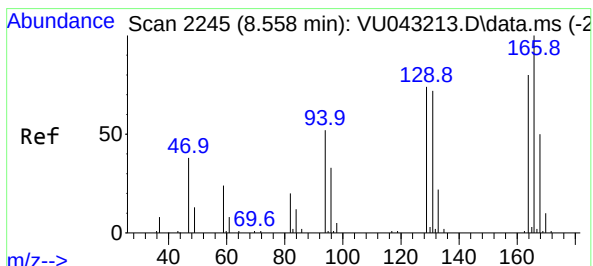
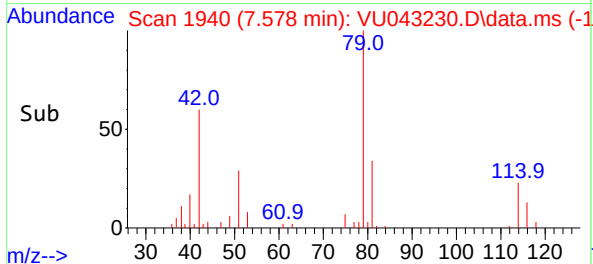
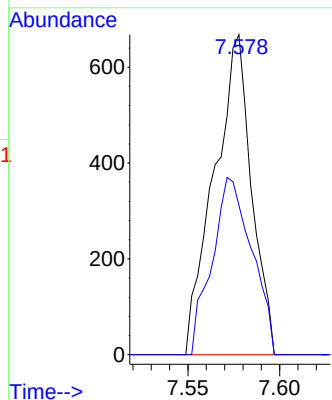
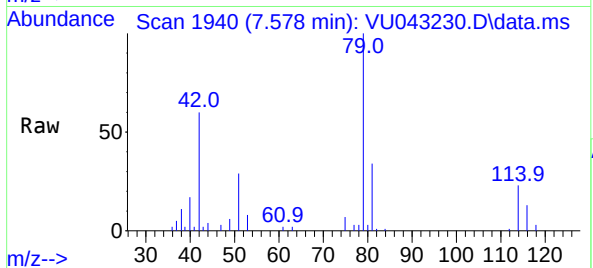


#39

cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 7.578 min Scan# 1940
 Delta R.T. -0.038 min
 Lab File: VU043230.D
 Acq: 20 Apr 2021 17:52

Instrument :
 MSVOA_U
 ClientSampled :

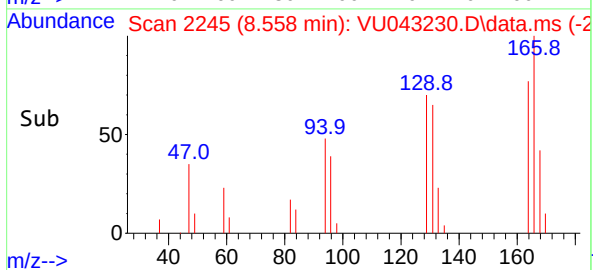
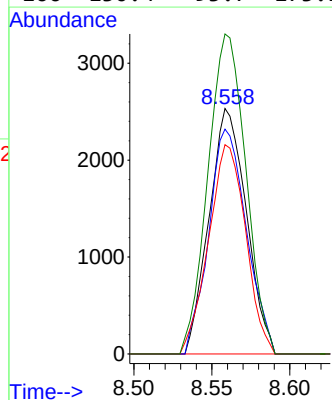
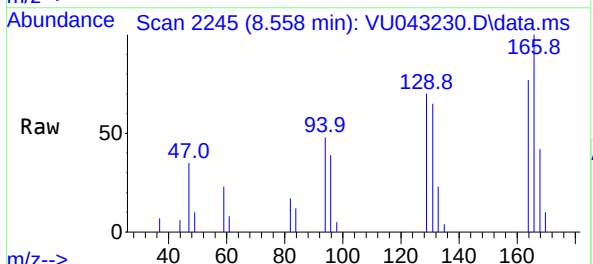
Tgt Ion: 75 Resp: 948
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.8 40.6#

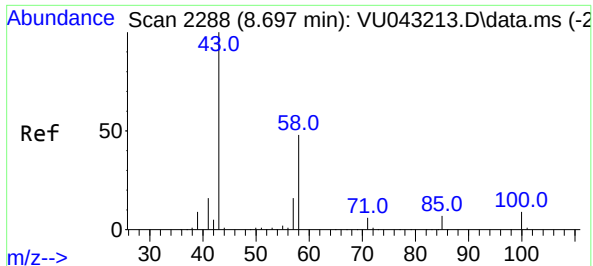


#47

Tetrachloroethene
 Concen: 0.88 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: VU043230.D
 Acq: 20 Apr 2021 17:52

Tgt Ion: 164 Resp: 4207
 Ion Ratio Lower Upper
 164 100
 129 91.6 66.6 123.8
 131 85.3 65.9 122.3
 166 130.4 93.7 173.9



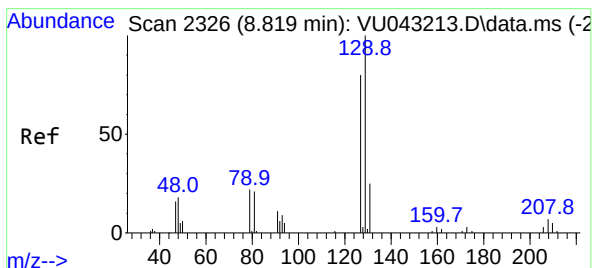
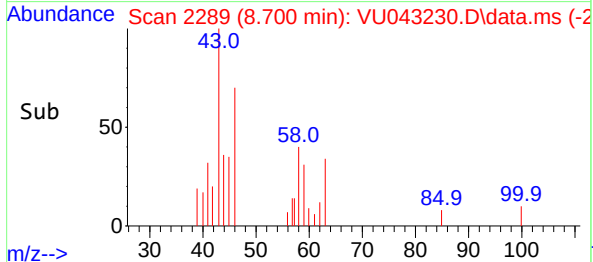
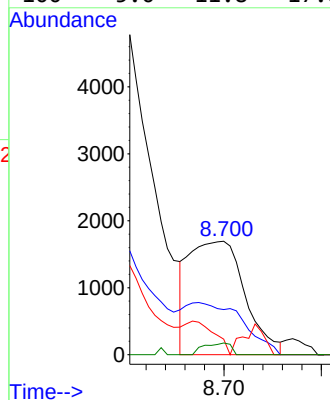
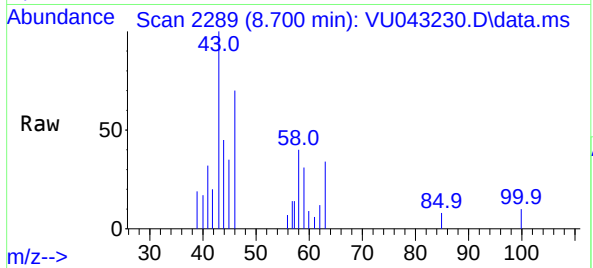


#48
2-Hexanone
Concen: 0.84 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU043230.D
Acq: 20 Apr 2021 17:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3385

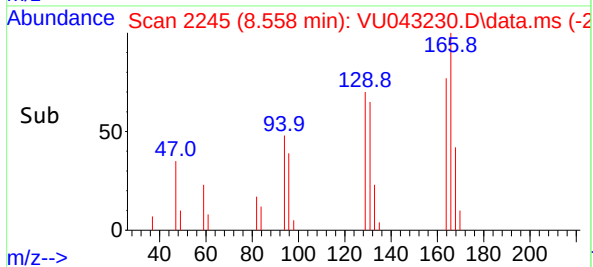
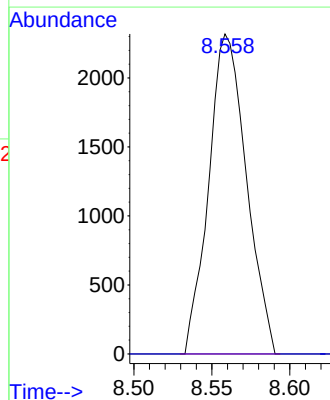
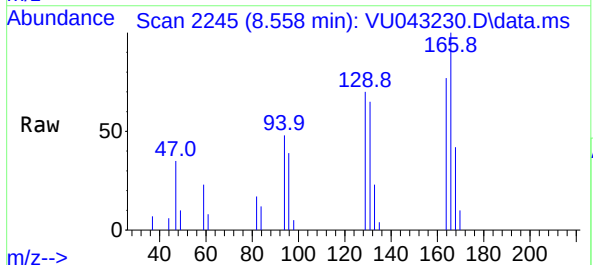
Ion	Ratio	Lower	Upper
43	100		
58	0.0	50.0	75.0#
57	10.0	17.4	26.0#
100	5.0	11.8	17.8#

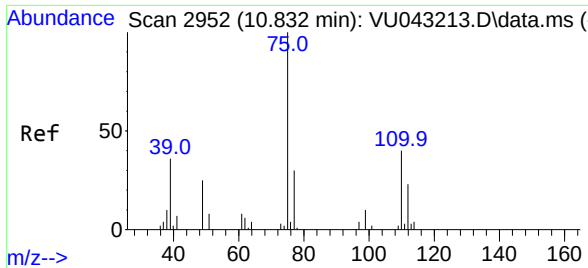


#49
Dibromochloromethane
Concen: 0.67 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043230.D
Acq: 20 Apr 2021 17:52

Tgt Ion: 129 Resp: 3903

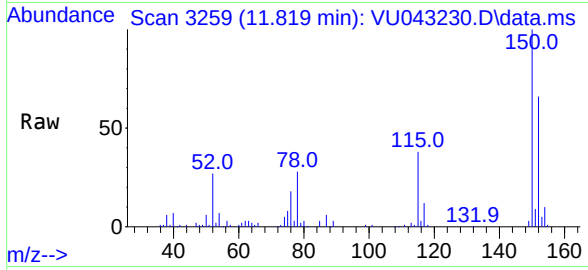
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.24 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043230.D
 Acq: 20 Apr 2021 17:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5009

Ion	Ratio	Lower	Upper
75	100		
110	0.0	31.5	47.3#
77	42.1	26.3	39.5#

