

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044580.D
 Acq On : 07 Sep 2021 13:49
 Operator : SY/MD
 Sample : M3622-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:36:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 08 02:31:37 2021
 Response via : Initial Calibration

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

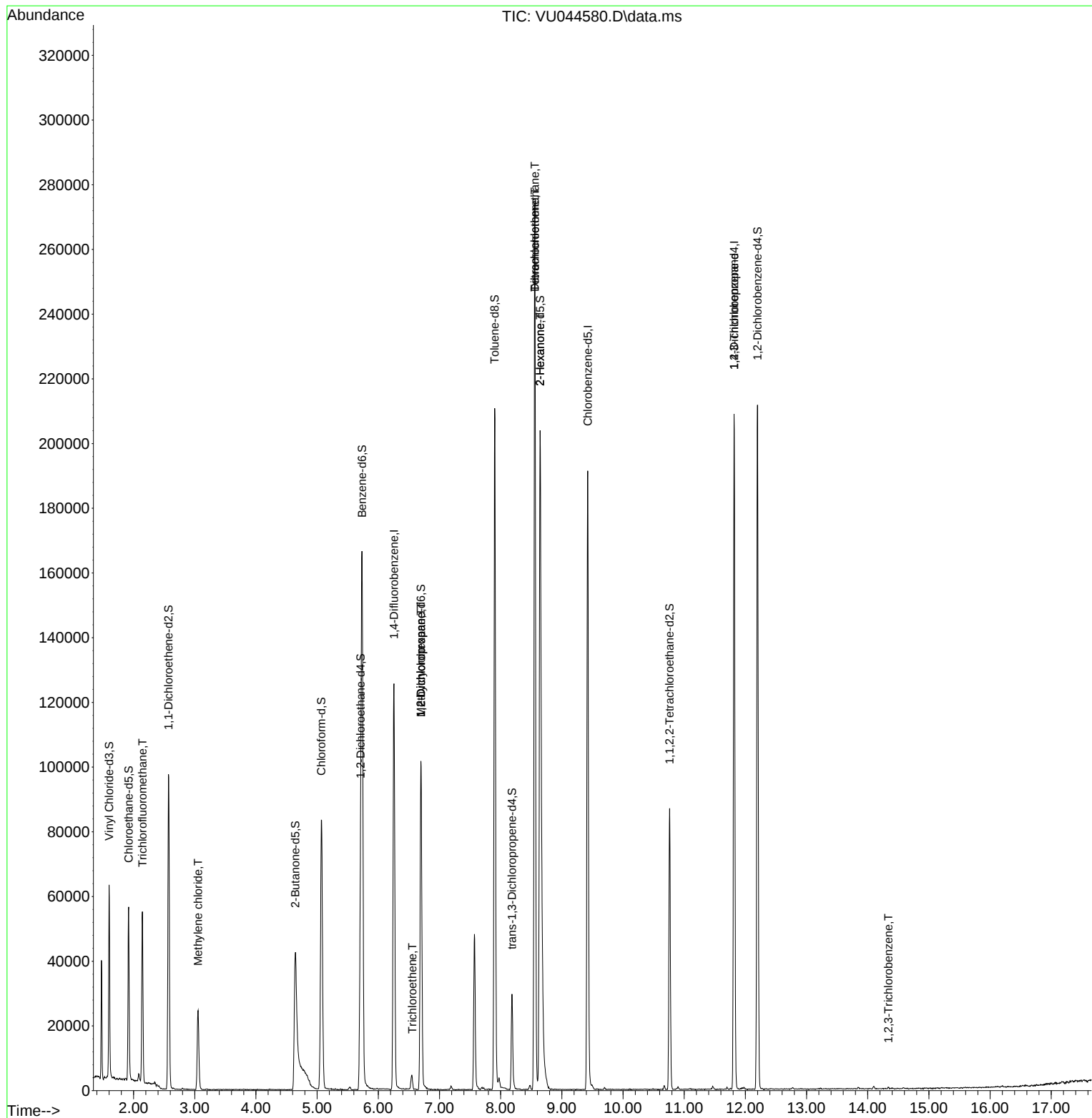
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108687	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	55468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41678	4.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.919	69	40725	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.572	65	18630	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.645	46	86499	35.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.160%
24) Chloroform-d	5.070	84	79805	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.710	65	43073	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.735	84	160119	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.697	67	49067	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.903	98	140081	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	8.186	79	17678	5.005	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.645	63	101816	53.312	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44396	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	55880	5.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	33097	2.138	ug/L	97
16) Methylene chloride	3.054	84	12733	1.026	ug/L	85
34) Trichloroethene	6.555	95	1443	0.158	ug/L	92
35) Methylcyclohexane	6.697	83	11740	0.769	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5109	0.527	ug/L #	88
47) Tetrachloroethene	8.559	164	61751	9.753	ug/L	95
48) 2-Hexanone	8.645	43	13169	2.803	ug/L #	65
49) Dibromochloromethane	8.559	129	58379	7.977	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6501	0.938	ug/L #	70
72) 1,2,3-Trichlorobenzene	14.340	180	359	0.040	ug/L #	66

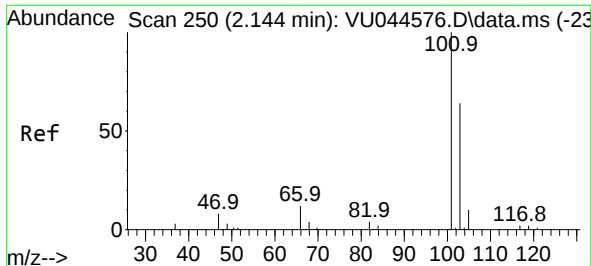
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

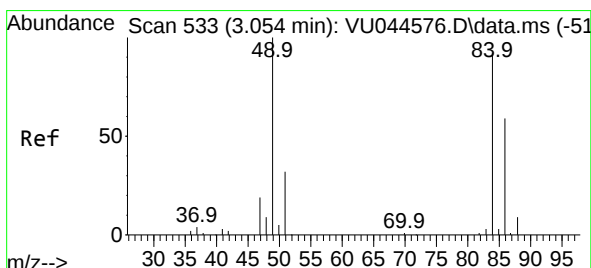
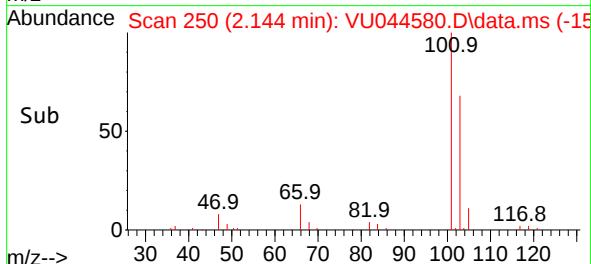
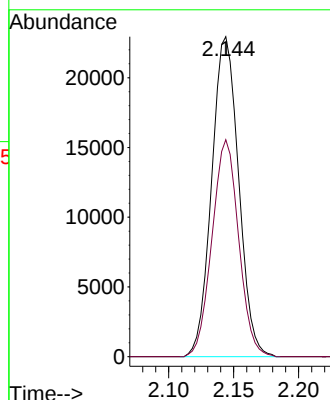
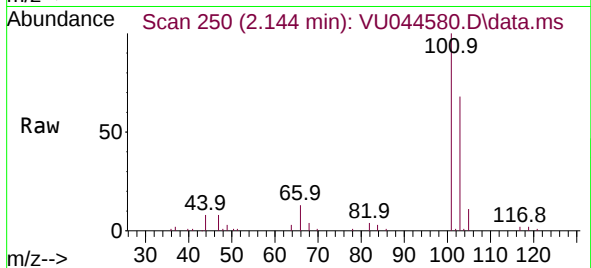




#9
Trichlorofluoromethane
Concen: 2.138 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

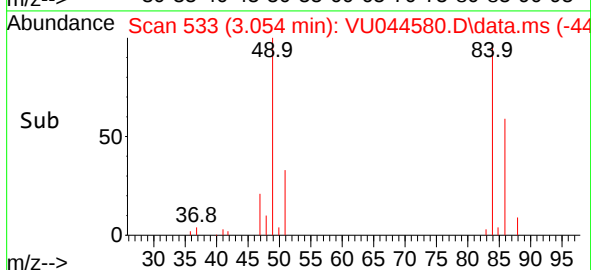
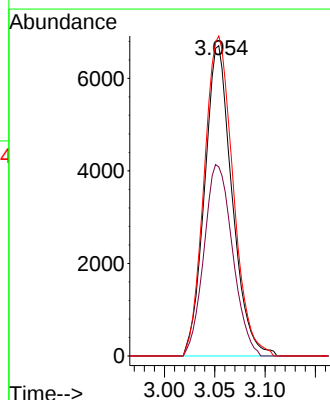
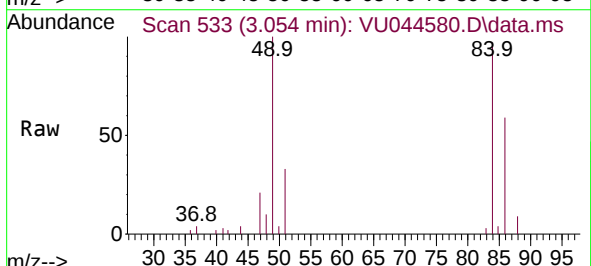
Instrument :
MSVOA_U
ClientSampled :

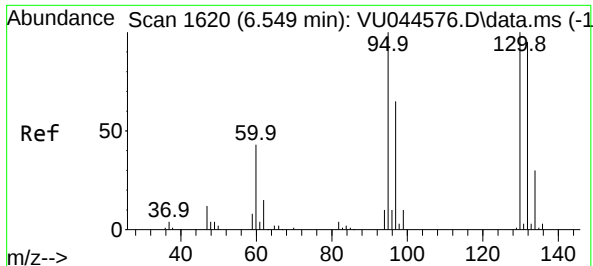
Tgt Ion:101 Resp: 33097
Ion Ratio Lower Upper
101 100
103 66.9 51.6 77.4



#16
Methylene chloride
Concen: 1.026 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Tgt Ion: 84 Resp: 12733
Ion Ratio Lower Upper
84 100
86 61.0 45.2 84.0
49 103.1 88.8 165.0



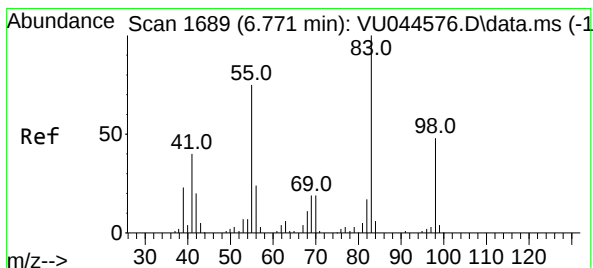
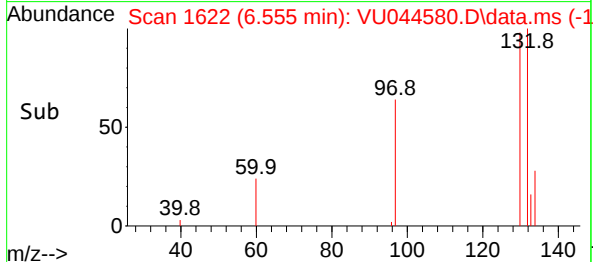
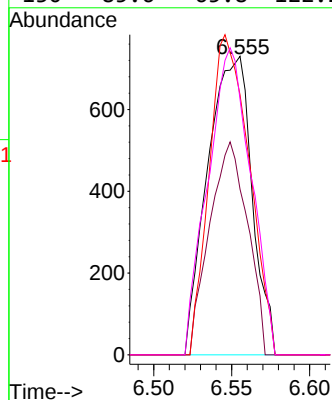
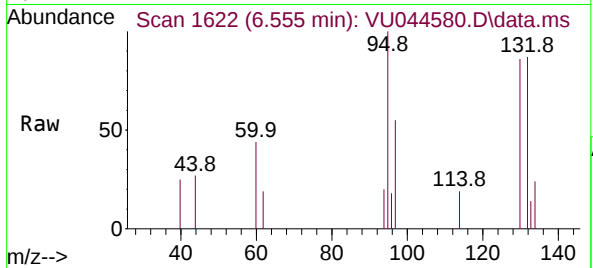


#34
Trichloroethene
Concen: 0.158 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 1443

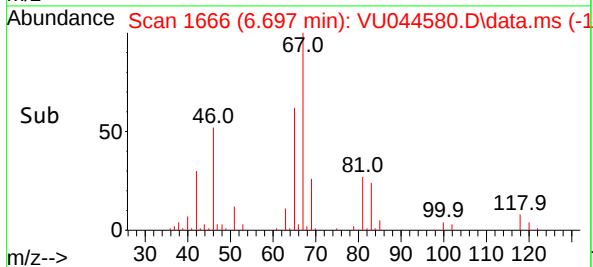
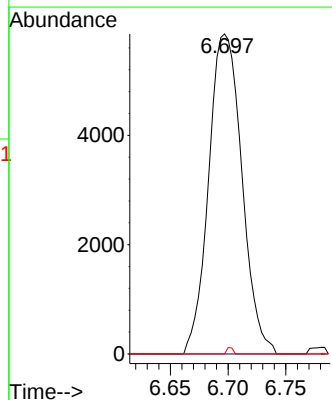
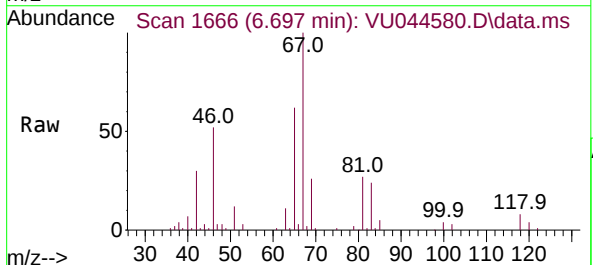
Ion	Ratio	Lower	Upper
95	100		
97	55.5	45.6	84.8
132	87.1	63.4	117.8
130	85.6	65.8	122.2

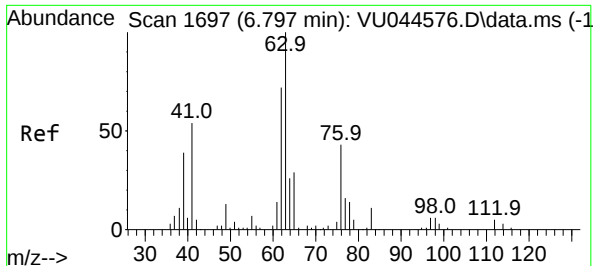


#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Tgt Ion: 83 Resp: 11740

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.4	37.5	56.3#



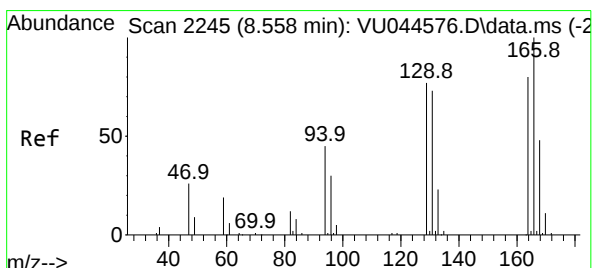
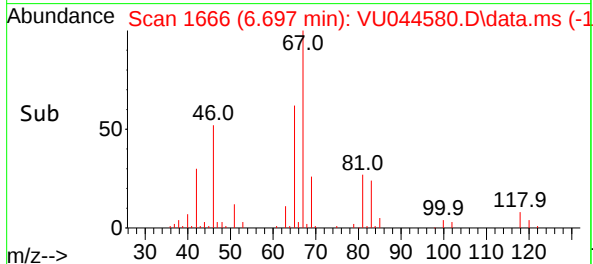
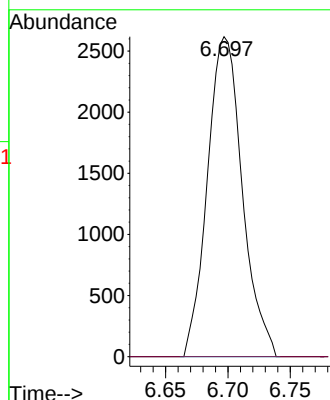
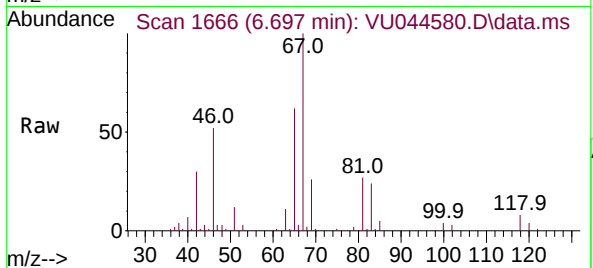


#37

1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Instrument :
MSVOA_U
ClientSampleId :

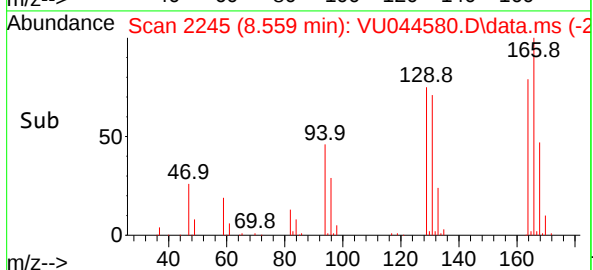
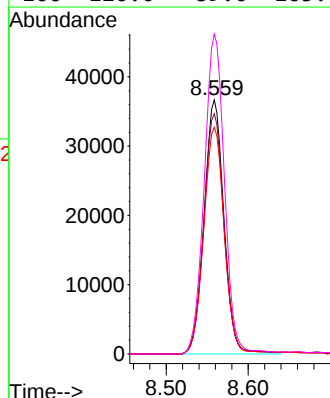
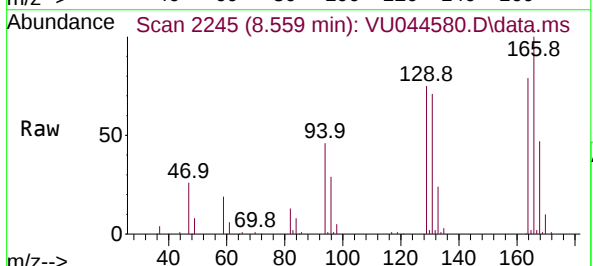
Tgt Ion: 63 Resp: 5109
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

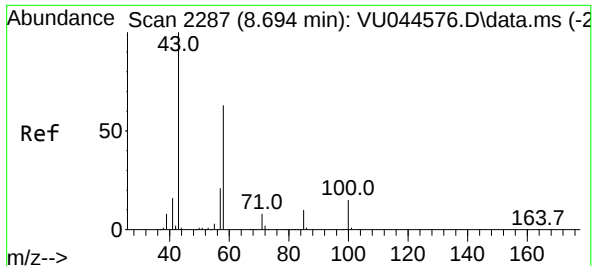


#47

Tetrachloroethene
Concen: 9.753 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Tgt Ion: 164 Resp: 61751
Ion Ratio Lower Upper
164 100
129 94.5 71.0 131.8
131 89.3 68.0 126.4
166 126.0 89.0 165.4

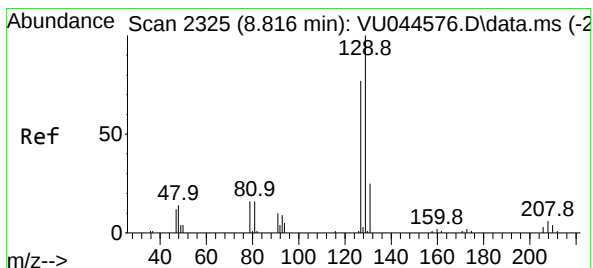
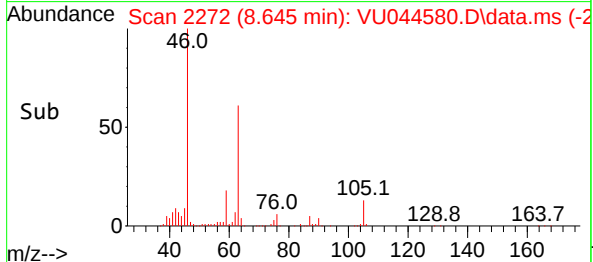
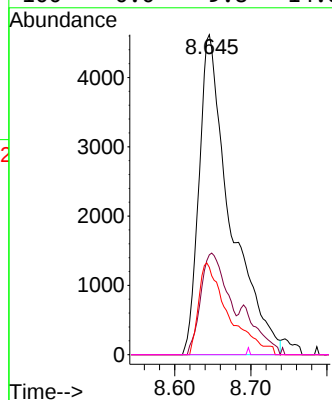
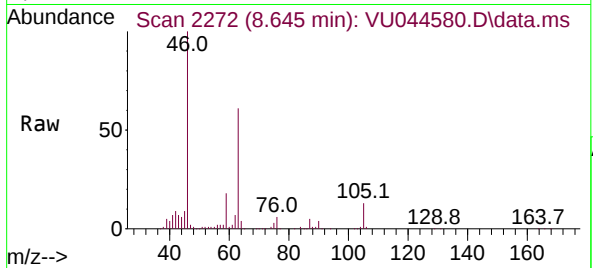




#48
2-Hexanone
Concen: 2.803 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

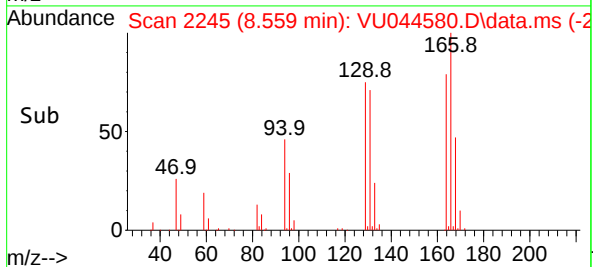
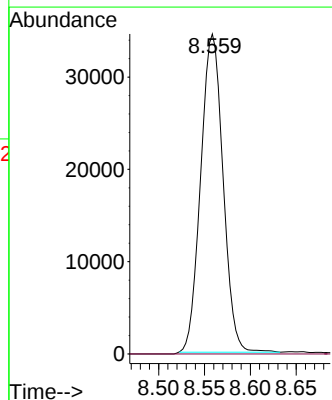
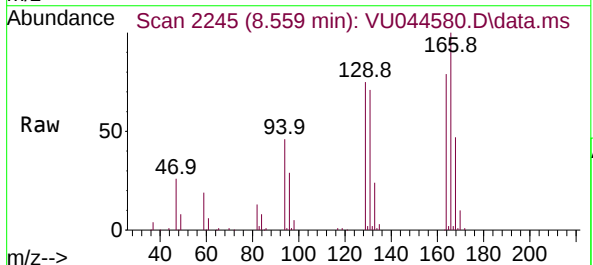
Instrument :
MSVOA_U
ClientSampled :

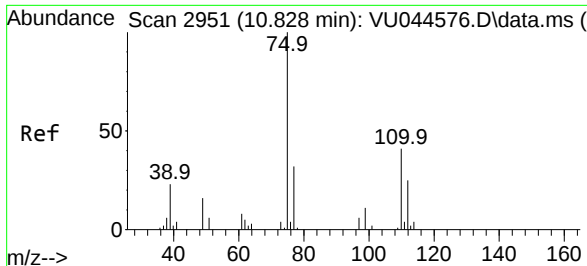
Tgt Ion: 43	Resp: 13169
Ion Ratio	Lower Upper
43 100	
58 26.7	46.5 69.7#
57 26.7	15.8 23.8#
100 0.0	9.8 14.8#



#49
Dibromochloromethane
Concen: 7.977 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Tgt Ion: 129	Resp: 58379
Ion Ratio	Lower Upper
129 100	
127 0.0	54.7 101.7#

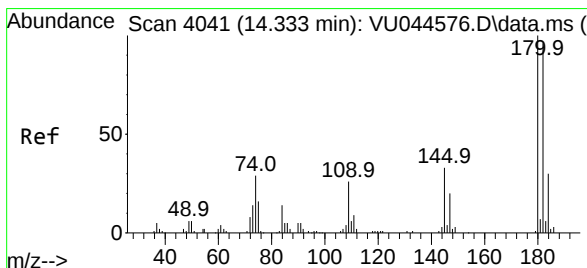
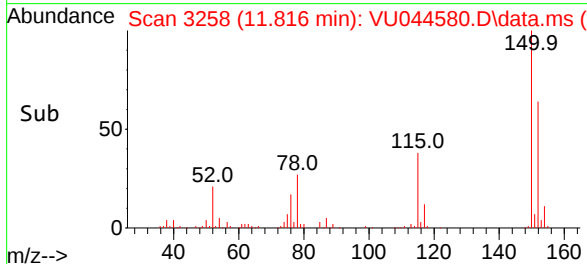
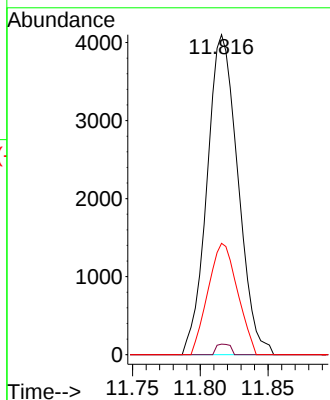
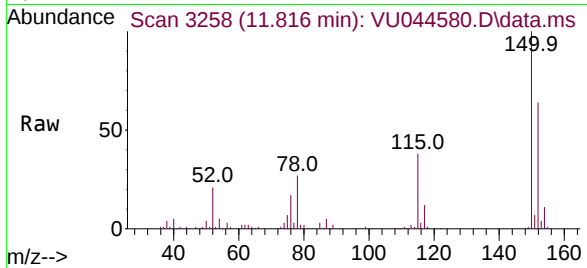




#61
1,2,3-Trichloropropane
Concen: 0.938 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 6501
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 33.0 26.5 39.7



#72
1,2,3-Trichlorobenzene
Concen: 0.040 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.006 min
Lab File: VU044580.D
Acq: 07 Sep 2021 13:49

Tgt Ion:180 Resp: 359
Ion Ratio Lower Upper
180 100
182 71.6 76.4 114.6#
145 0.0 27.1 40.7#

