

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044557.D
 Acq On : 02 Sep 2021 17:01
 Operator : SY/MD
 Sample : M3622-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 03 02:43:14 2021
 Response via : Initial Calibration

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

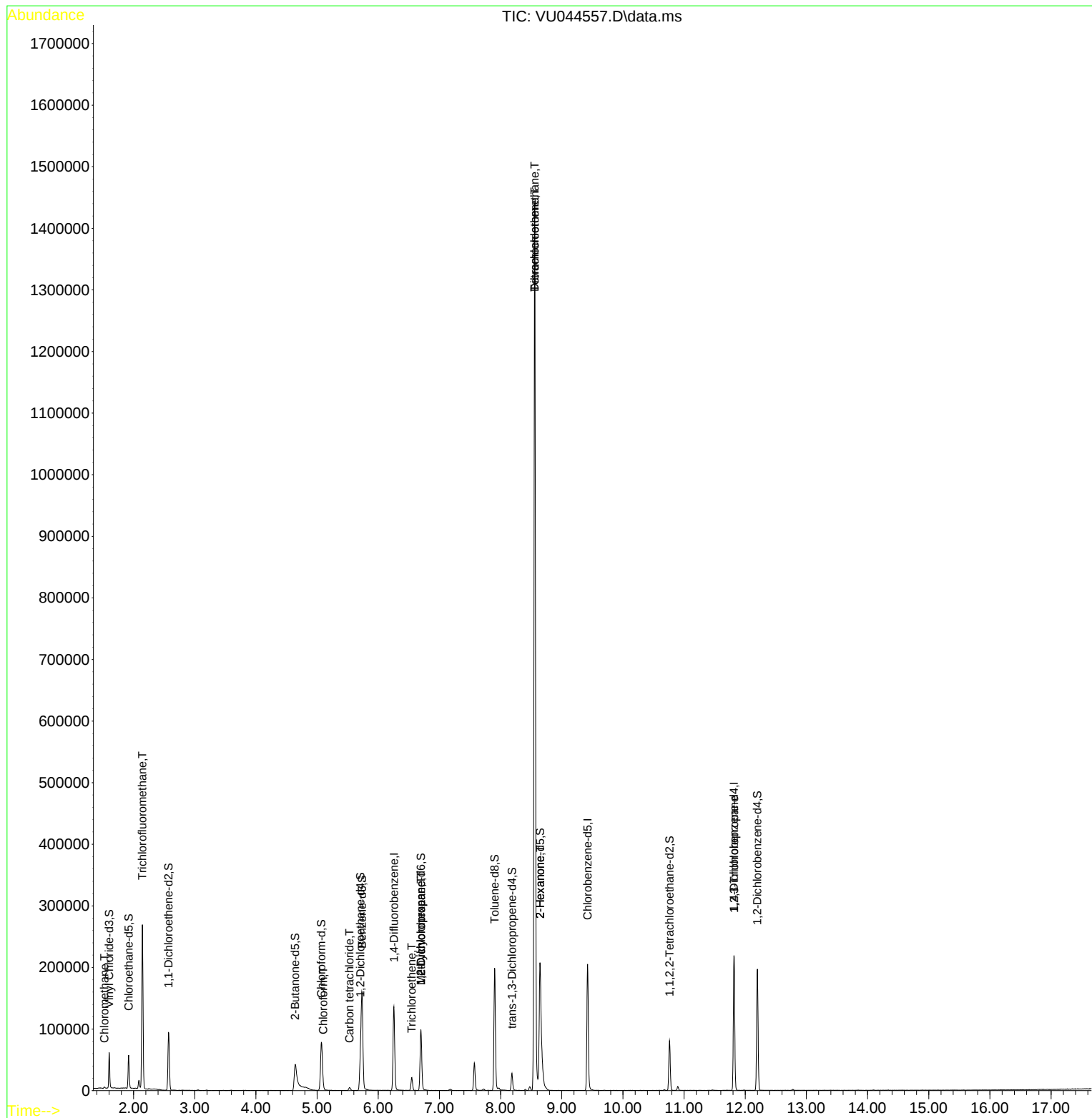
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	115874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	120558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	58974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40518	4.324	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.919	69	40415	4.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.572	65	17473	4.383	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.642	46	91596	35.341	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.680%	
24) Chloroform-d	5.070	84	73150	4.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.710	65	41379	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.735	84	153330	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.697	67	47077	4.335	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.902	98	134220	4.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.185	79	16240	4.164	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.645	63	100300	47.554	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.100%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41866	4.577	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	51380	5.157	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1551	0.099	ug/L	90
9) Trichlorofluoromethane	2.144	101	170968	10.361	ug/L	100
25) Chloroform	5.099	83	4916	0.266	ug/L	99
31) Carbon tetrachloride	5.530	117	3370	0.272	ug/L	95
34) Trichloroethene	6.546	95	7144	0.706	ug/L	97
35) Methylcyclohexane	6.697	83	11615	0.689	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4981	0.465	ug/L #	88
47) Tetrachloroethene	8.558	164	323818	46.310	ug/L	96
48) 2-Hexanone	8.645	43	13525	2.606	ug/L #	66
49) Dibromochloromethane	8.558	129	299760	37.088	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	6758	0.917	ug/L #	69

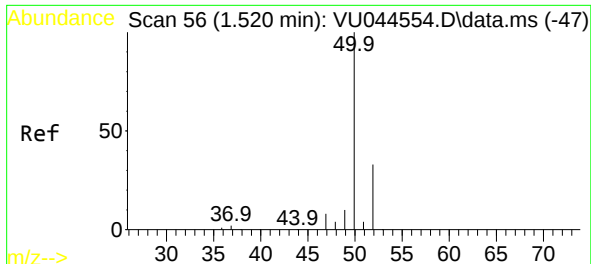
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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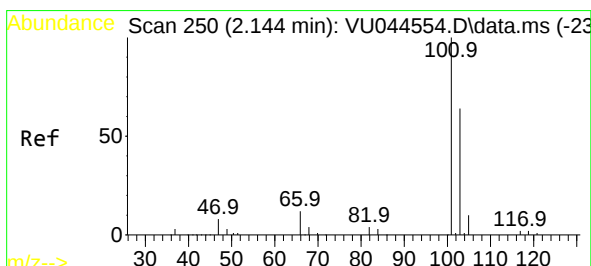
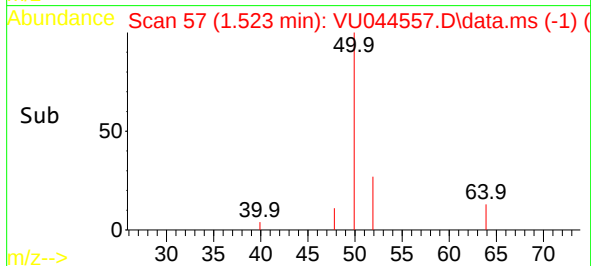
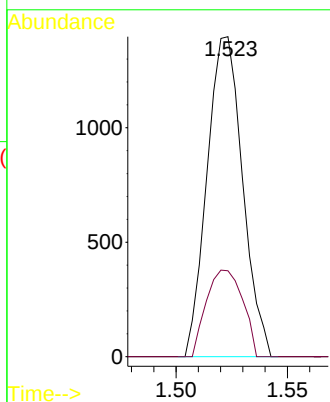
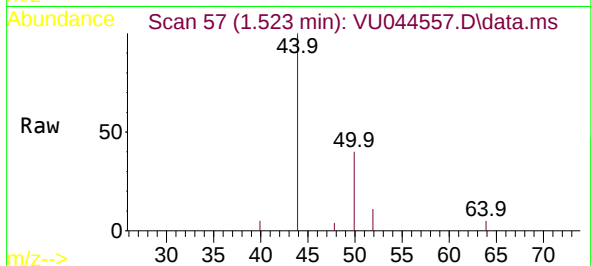




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

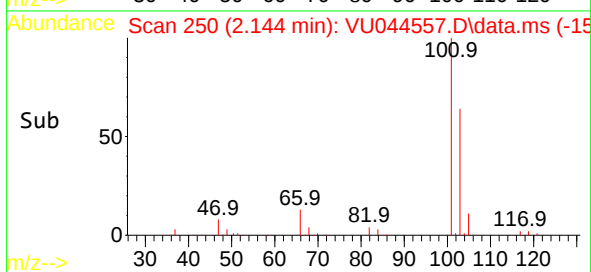
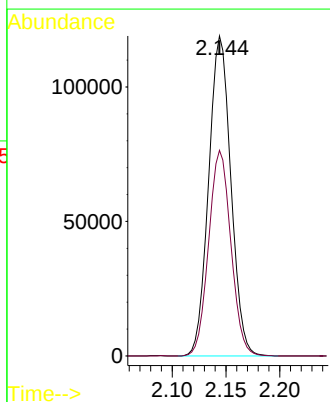
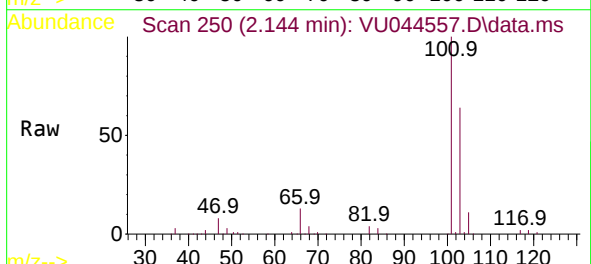
Instrument :
MSVOA_U
ClientSampled :

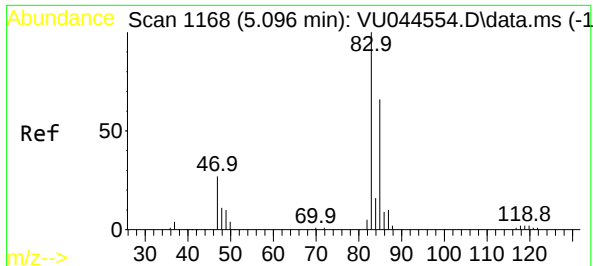
Tgt Ion: 50 Resp: 1551
Ion Ratio Lower Upper
50 100
52 26.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 10.361 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Tgt Ion:101 Resp: 170968
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4



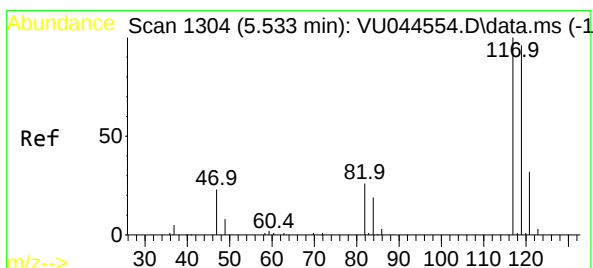
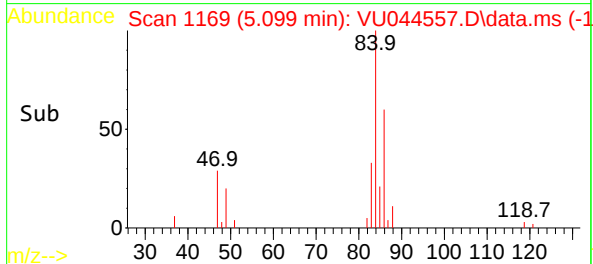
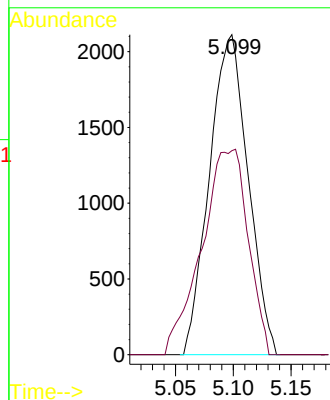
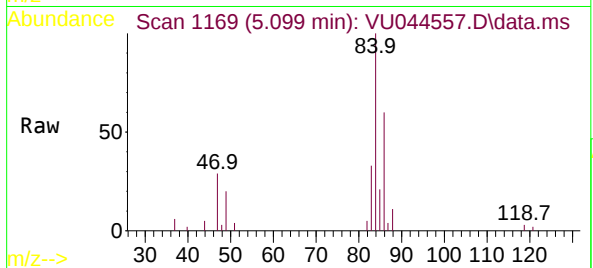


#25

Chloroform
Concen: 0.266 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Instrument :
MSVOA_U
ClientSampled :

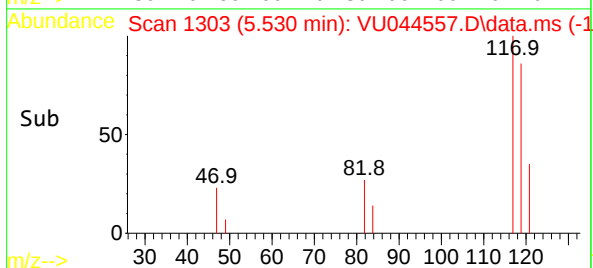
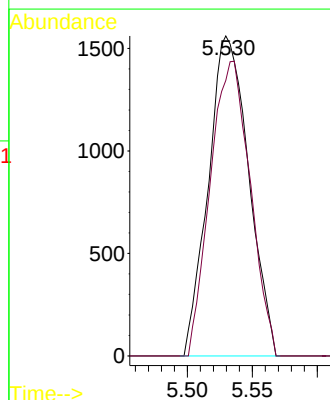
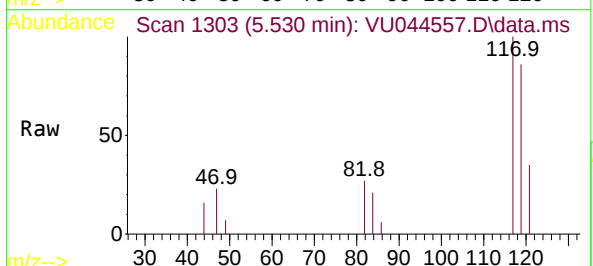
Tgt Ion: 83 Resp: 4916
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1

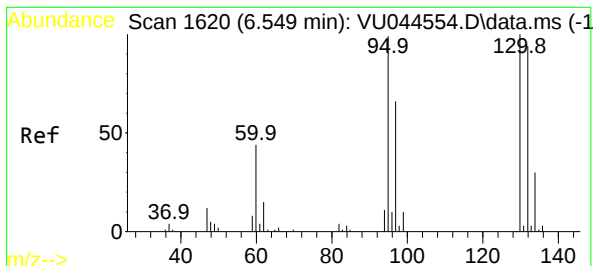


#31

Carbon tetrachloride
Concen: 0.272 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Tgt Ion: 117 Resp: 3370
Ion Ratio Lower Upper
117 100
119 91.0 76.6 114.8



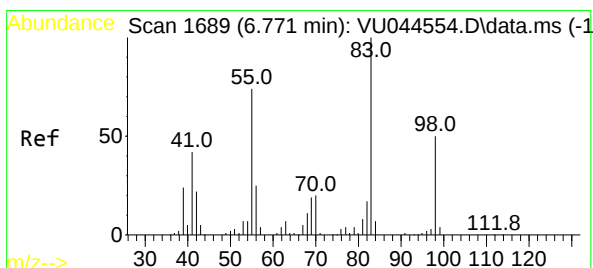
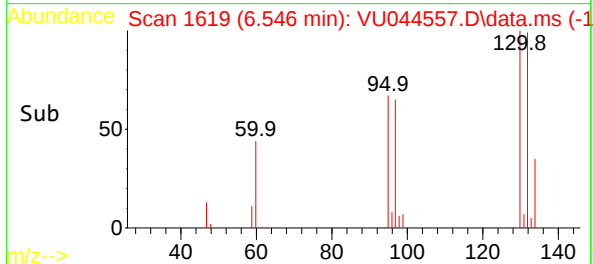
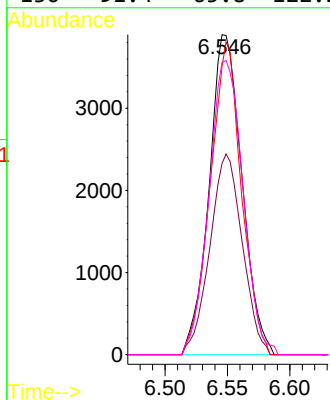
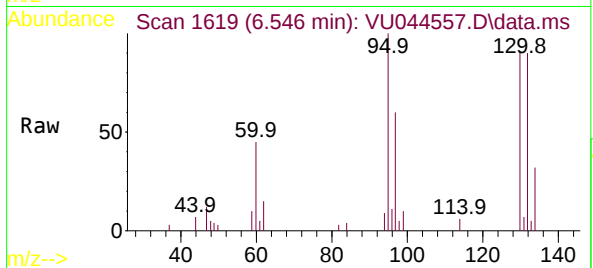


#34
Trichloroethene
Concen: 0.706 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 7144

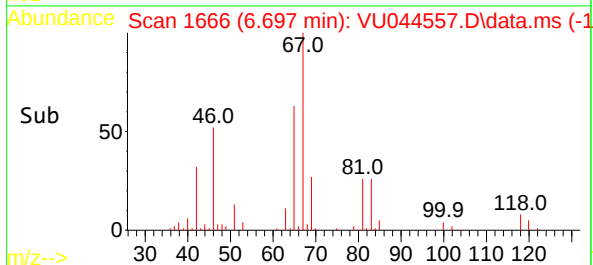
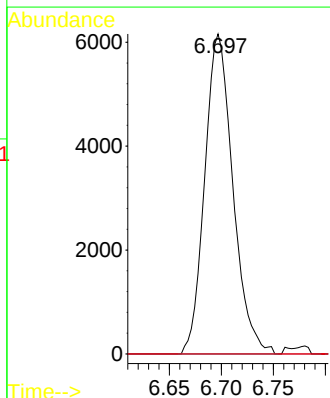
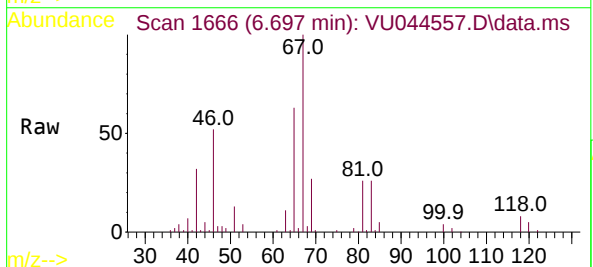
Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.6	84.8
132	90.2	63.4	117.8
130	91.4	65.8	122.2

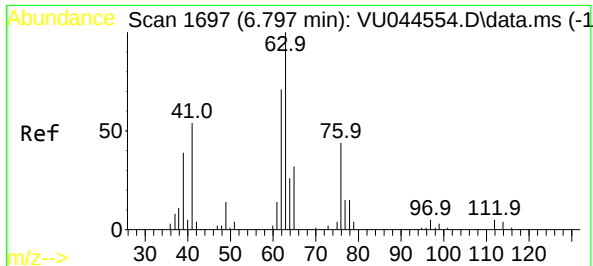


#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Tgt Ion: 83 Resp: 11615

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	2.3	37.5	56.3#



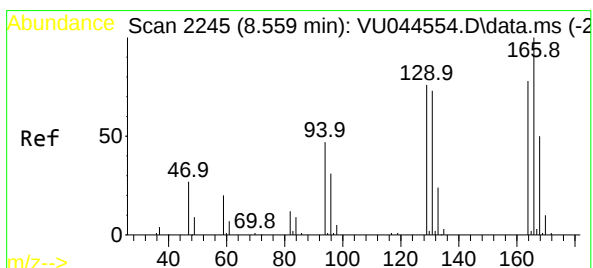
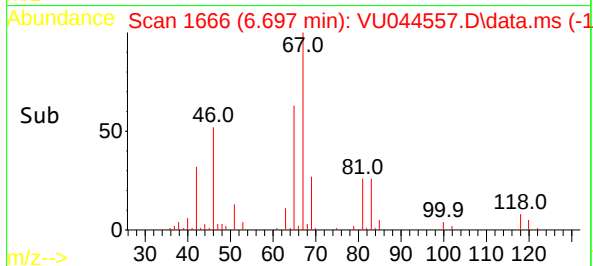
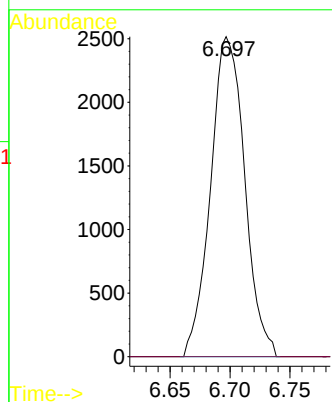
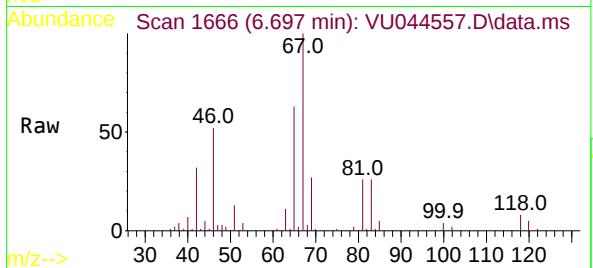


#37

1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Instrument :
MSVOA_U
ClientSampleId :

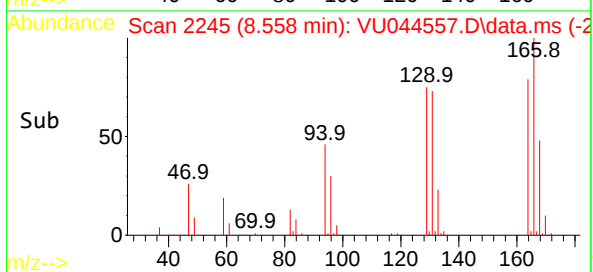
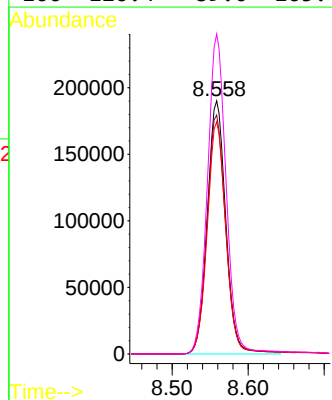
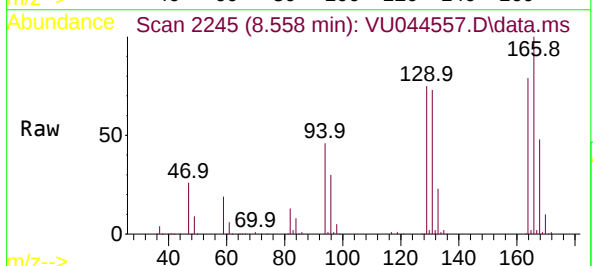
Tgt Ion: 63 Resp: 4981
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

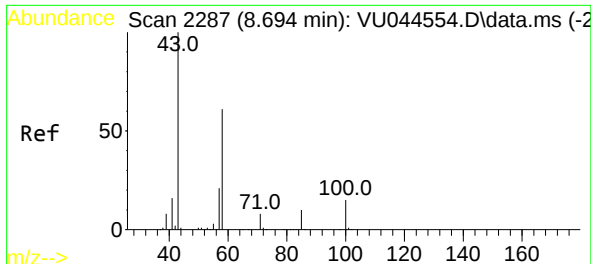


#47

Tetrachloroethene
Concen: 46.310 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

Tgt Ion: 164 Resp: 323818
Ion Ratio Lower Upper
164 100
129 94.3 71.0 131.8
131 91.7 68.0 126.4
166 126.4 89.0 165.4

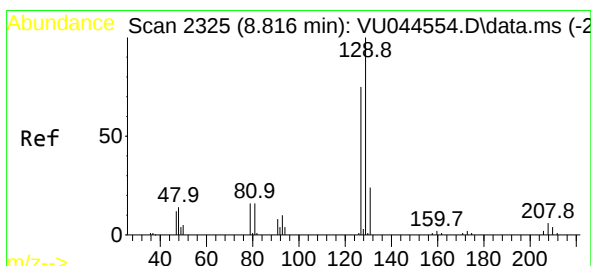
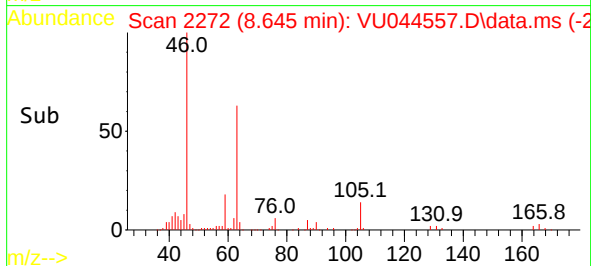
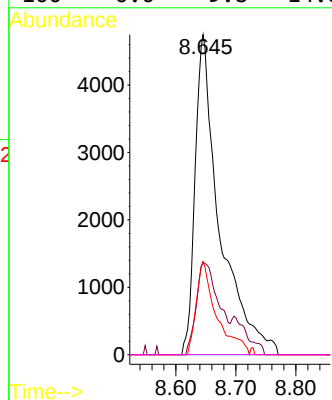
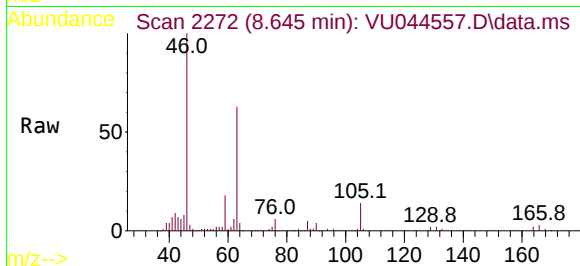




#48
2-Hexanone
Concen: 2.606 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

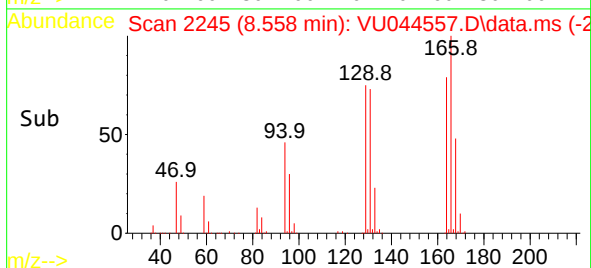
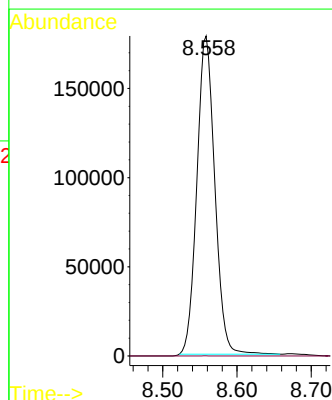
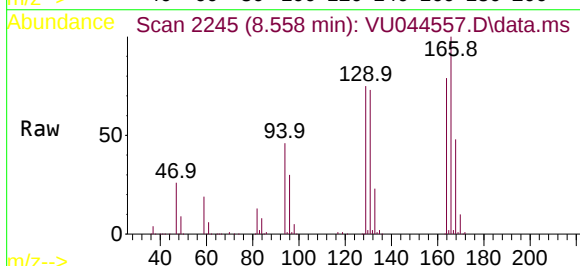
Instrument :
MSVOA_U
ClientSampled :

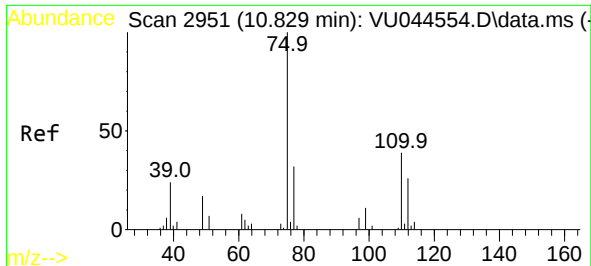
Tgt Ion:	43	Resp:	13525
Ion	Ratio	Lower	Upper
43	100		
58	26.6	46.5	69.7#
57	24.0	15.8	23.8#
100	0.0	9.8	14.8#



#49
Dibromochloromethane
Concen: 37.088 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044557.D
Acq: 02 Sep 2021 17:01

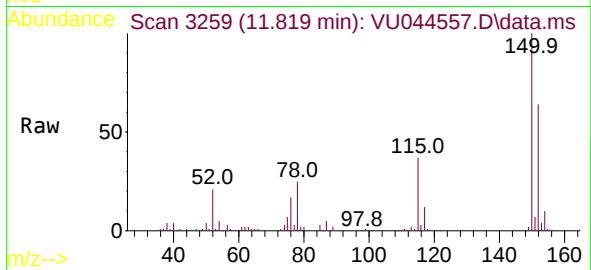
Tgt Ion:	129	Resp:	299760
Ion	Ratio	Lower	Upper
129	100		
127	0.1	54.7	101.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.917 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU044557.D
 Acq: 02 Sep 2021 17:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6758
 Ion Ratio Lower Upper
 75 100
 110 2.1 28.4 42.6#
 77 34.3 26.5 39.7

