

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044579.D
 Acq On : 07 Sep 2021 13:25
 Operator : SY/MD
 Sample : M3596-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:36:32 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)

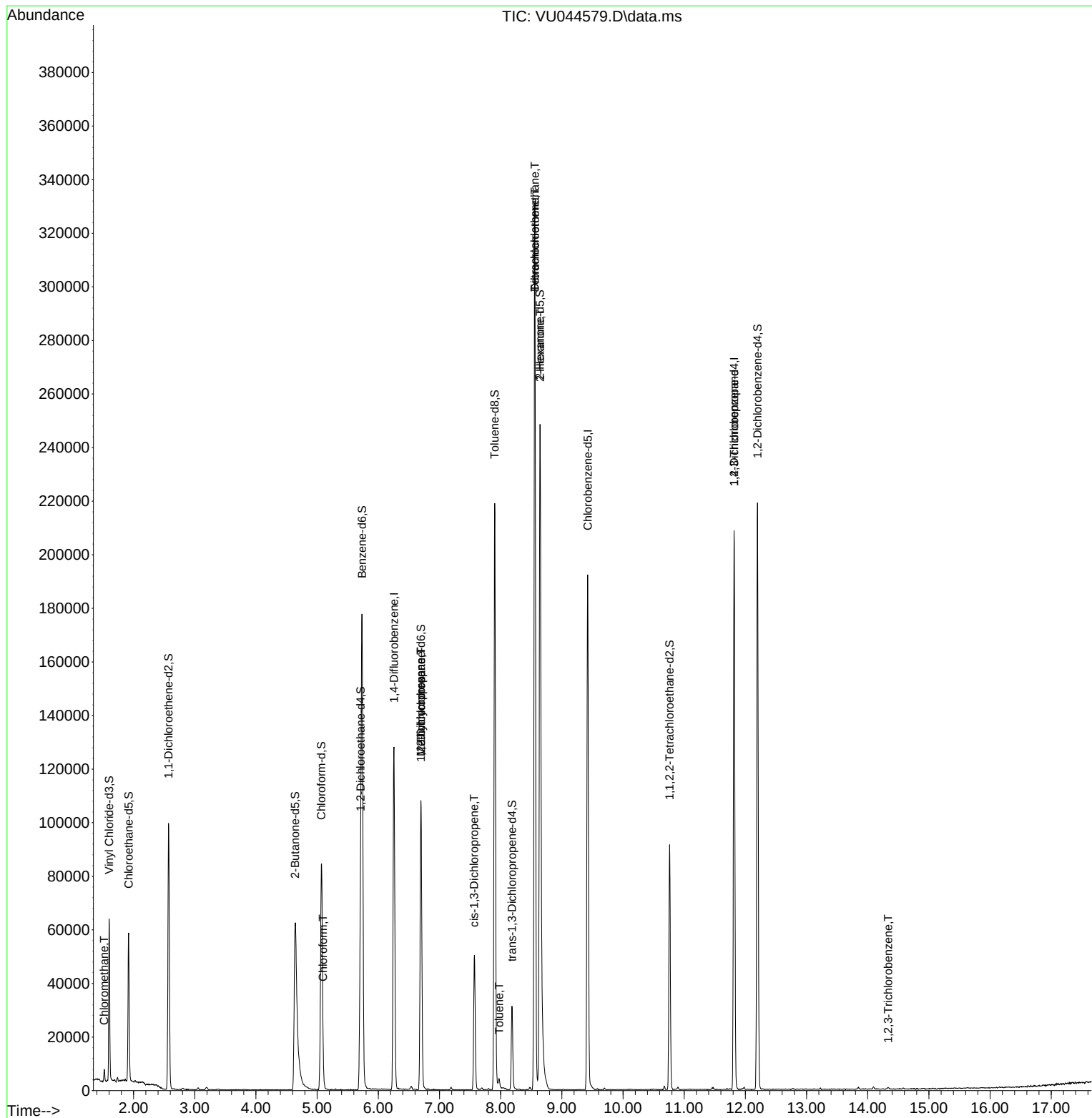
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106770	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	56581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42729	4.948	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.000%	
7) Chloroethane-d5	1.919	69	43242	5.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.200%	
11) 1,1-Dichloroethene-d2	2.572	65	18428	5.017	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.400%	
20) 2-Butanone-d5	4.642	46	119454	50.019	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.040%	
24) Chloroform-d	5.070	84	79369	5.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.710	65	45667	5.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
32) Benzene-d6	5.736	84	168132	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
36) 1,2-Dichloropropane-d6	6.697	67	51059	5.041	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.903	98	146408	5.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
43) trans-1,3-Dichloroprop...	8.186	79	18545	5.098	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.642	63	110021	55.933	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.860%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46785	5.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	57993	6.066	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.400%#	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3080	0.214	ug/L	99
25) Chloroform	5.096	83	3173	0.187	ug/L	90
35) Methylcyclohexane	6.697	83	12532	0.797	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5421	0.543	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1222	0.087	ug/L #	69
42) Toluene	7.977	91	2620	0.066	ug/L	98
47) Tetrachloroethene	8.559	164	73842	11.324	ug/L	96
48) 2-Hexanone	8.645	43	14161	2.926	ug/L #	64
49) Dibromochloromethane	8.559	129	68450	9.081	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6423	0.908	ug/L #	69
72) 1,2,3-Trichlorobenzene	14.336	180	377	0.041	ug/L #	70

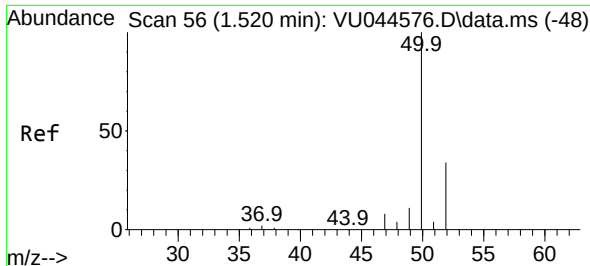
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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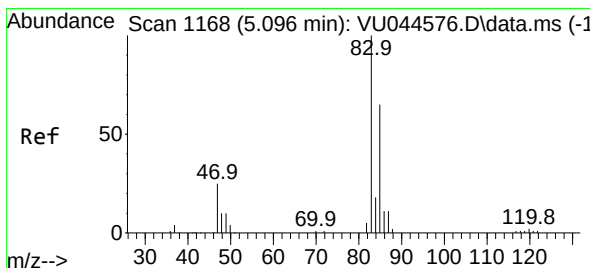
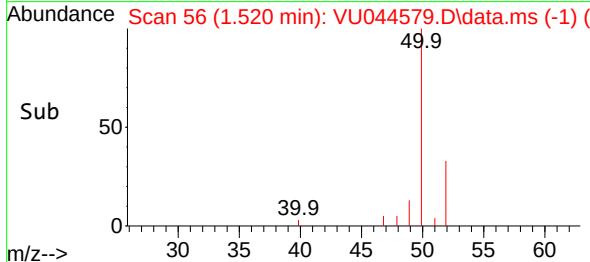
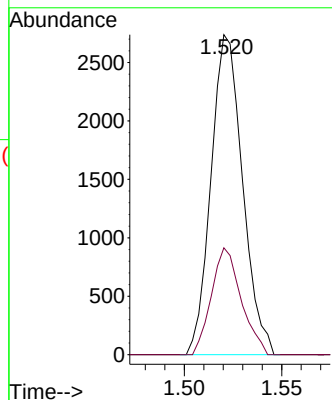
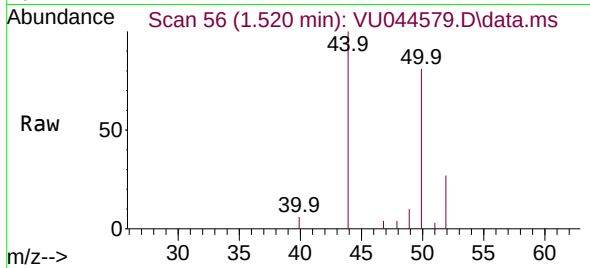




#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044579.D
Acq: 07 Sep 2021 13:25

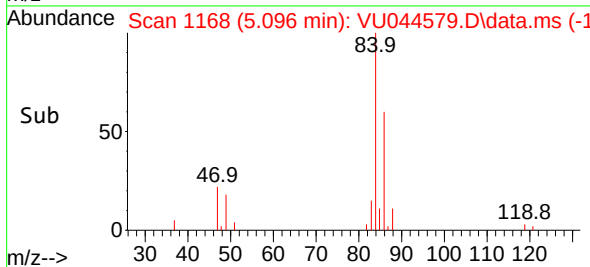
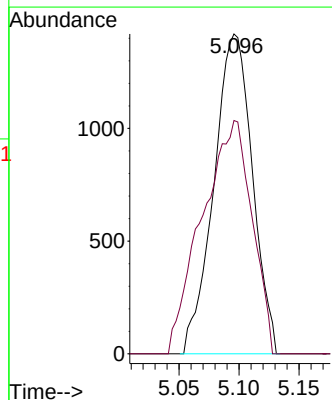
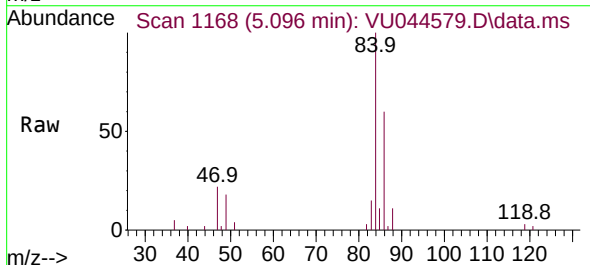
Instrument :
MSVOA_U
ClientSampleId :

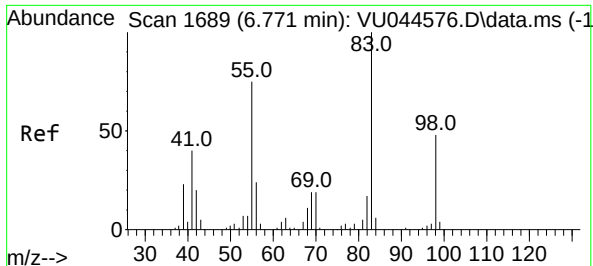
Tgt Ion: 50 Resp: 3080
Ion Ratio Lower Upper
50 100
52 33.4 22.8 42.4



#25
Chloroform
Concen: 0.187 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044579.D
Acq: 07 Sep 2021 13:25

Tgt Ion: 83 Resp: 3173
Ion Ratio Lower Upper
83 100
85 72.9 45.3 84.1





#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.697 min Scan# 1666

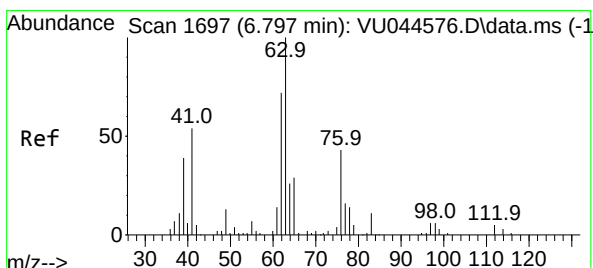
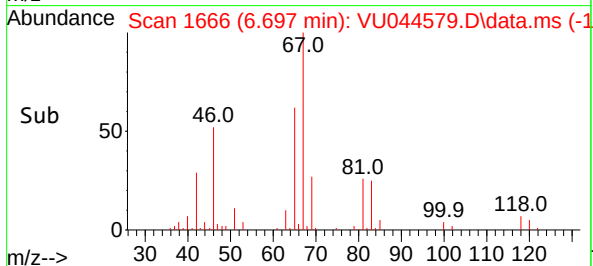
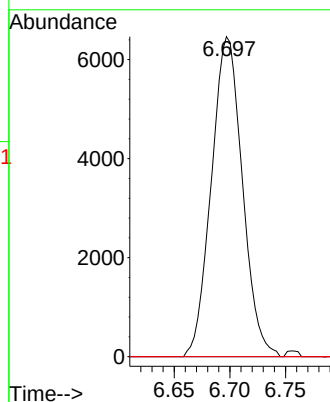
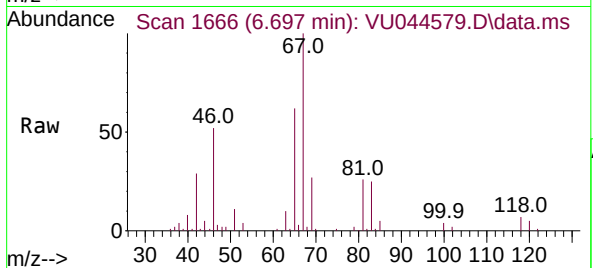
Delta R.T. -0.074 min

Lab File: VU044579.D

Acq: 07 Sep 2021 13:25

Tgt Ion:	83	Resp:	12532
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.4	37.5	56.3#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.543 ug/L

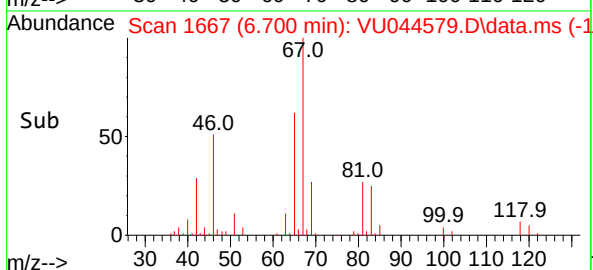
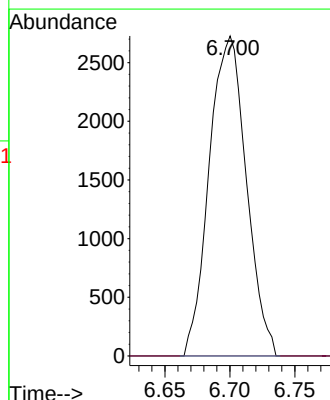
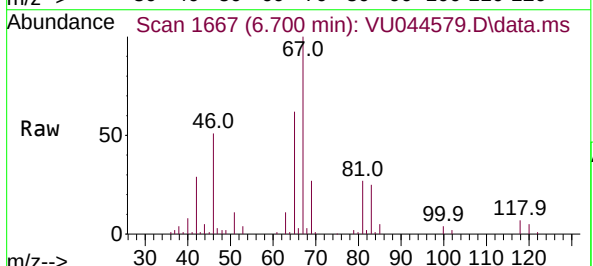
RT: 6.700 min Scan# 1667

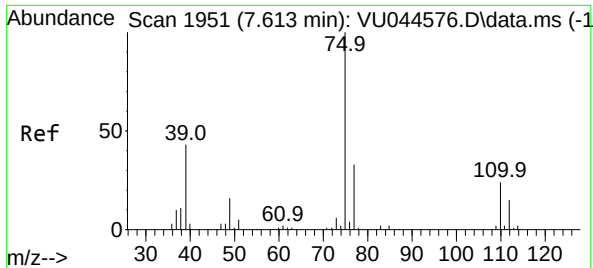
Delta R.T. -0.096 min

Lab File: VU044579.D

Acq: 07 Sep 2021 13:25

Tgt Ion:	63	Resp:	5421
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



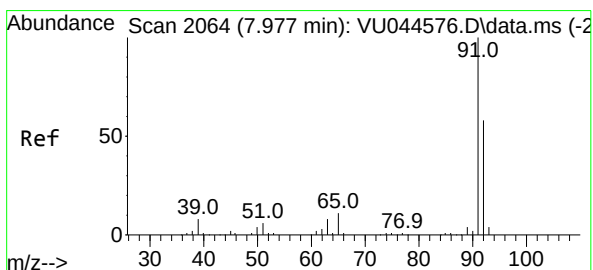
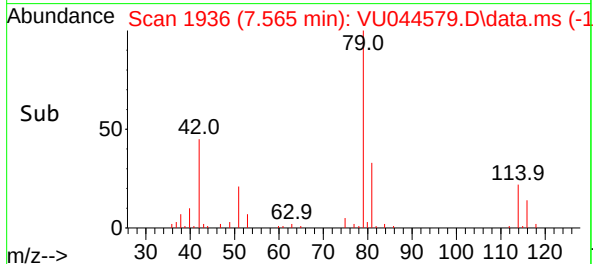
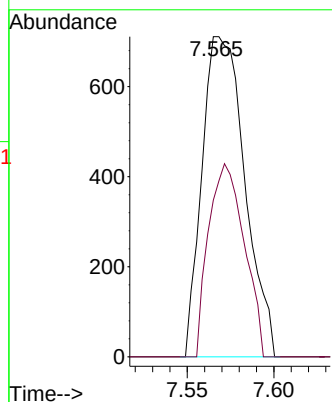
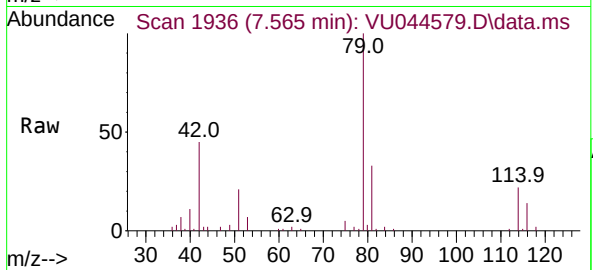


#39

cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.565 min Scan# 1936
 Delta R.T. -0.048 min
 Lab File: VU044579.D
 Acq: 07 Sep 2021 13:25

Instrument :
 MSVOA_U
 ClientSampleId :

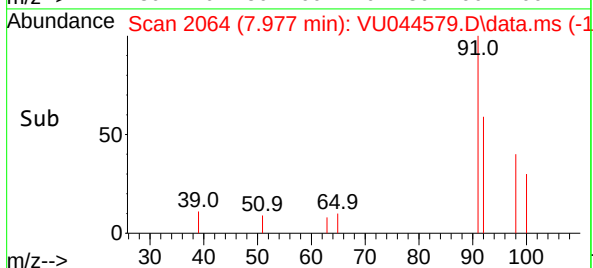
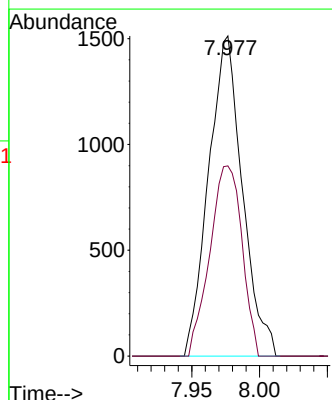
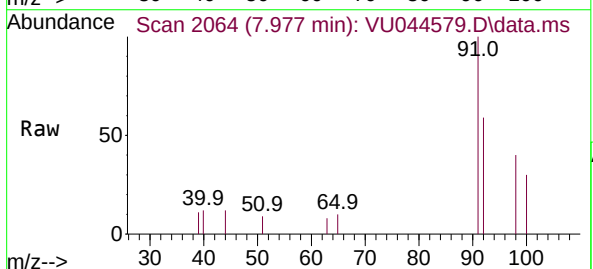
Tgt Ion: 75 Resp: 1222
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.2 41.2#

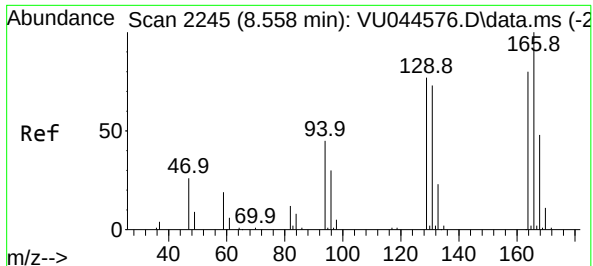


#42

Toluene
 Concen: 0.066 ug/L
 RT: 7.977 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VU044579.D
 Acq: 07 Sep 2021 13:25

Tgt Ion: 91 Resp: 2620
 Ion Ratio Lower Upper
 91 100
 92 59.4 40.7 75.5

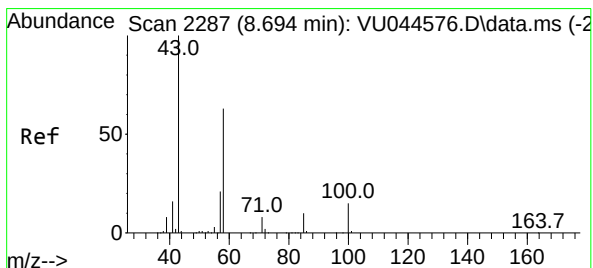
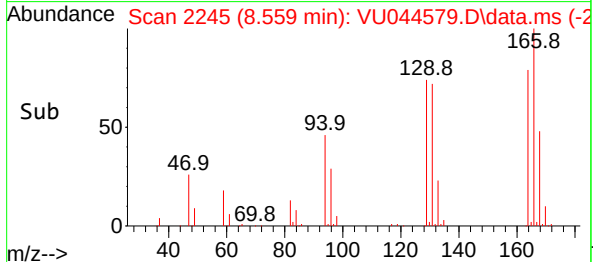
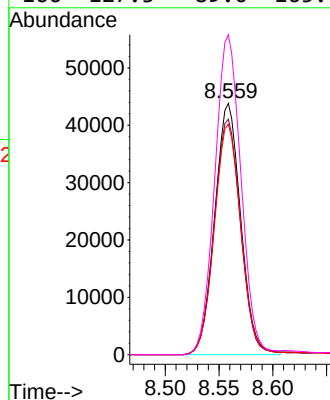
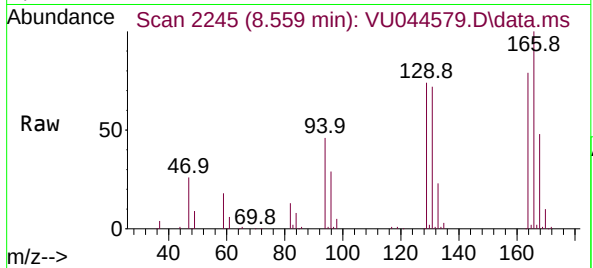




#47
Tetrachloroethene
Concen: 11.324 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044579.D
Acq: 07 Sep 2021 13:25

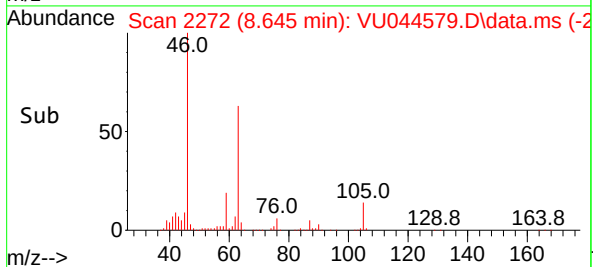
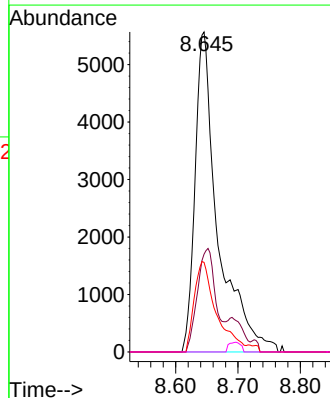
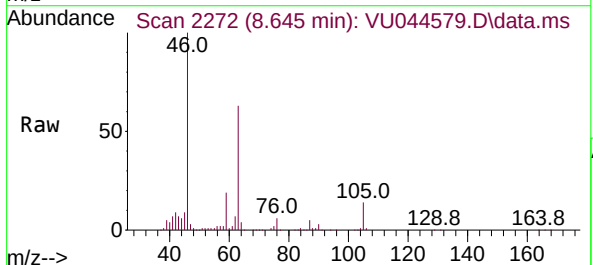
Instrument :
MSVOA_U
ClientSampleId :

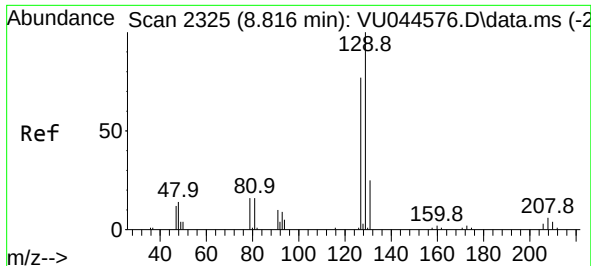
Tgt Ion:164 Resp: 73842
Ion Ratio Lower Upper
164 100
129 93.7 71.0 131.8
131 91.6 68.0 126.4
166 127.3 89.0 165.4



#48
2-Hexanone
Concen: 2.926 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044579.D
Acq: 07 Sep 2021 13:25

Tgt Ion: 43 Resp: 14161
Ion Ratio Lower Upper
43 100
58 26.0 46.5 69.7#
57 27.3 15.8 23.8#
100 0.0 9.8 14.8#





#49

Dibromochloromethane

Concen: 9.081 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU044579.D

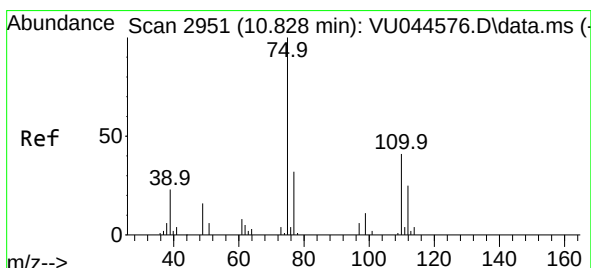
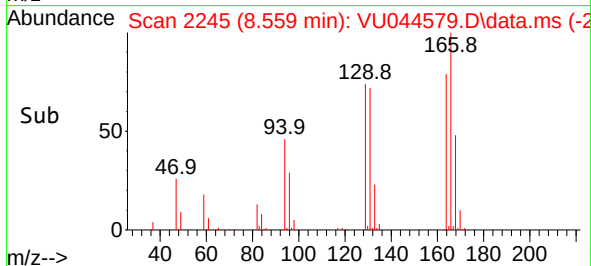
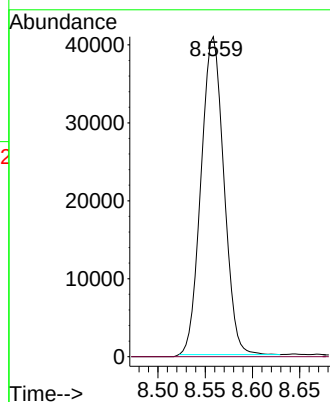
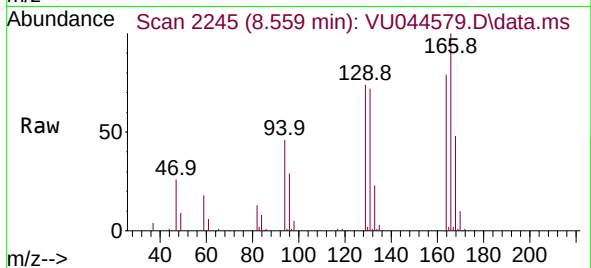
Acq: 07 Sep 2021 13:25

Tgt Ion:129 Resp: 68450

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.908 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU044579.D

Acq: 07 Sep 2021 13:25

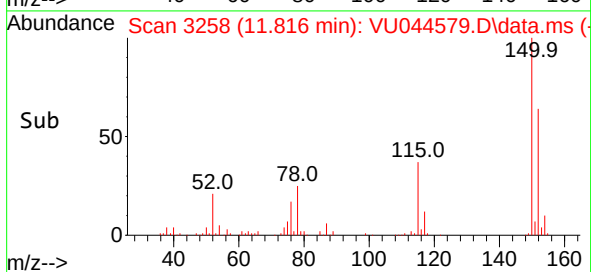
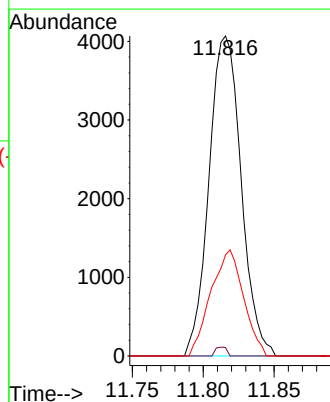
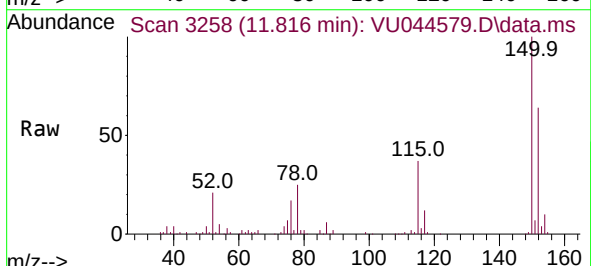
Tgt Ion: 75 Resp: 6423

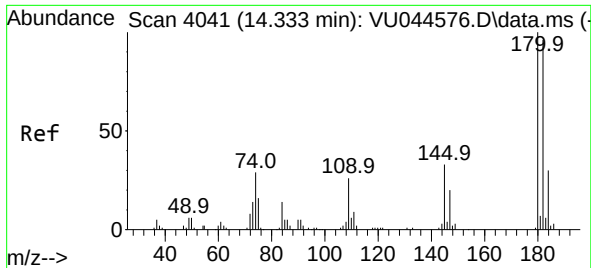
Ion Ratio Lower Upper

75 100

110 1.0 28.4 42.6#

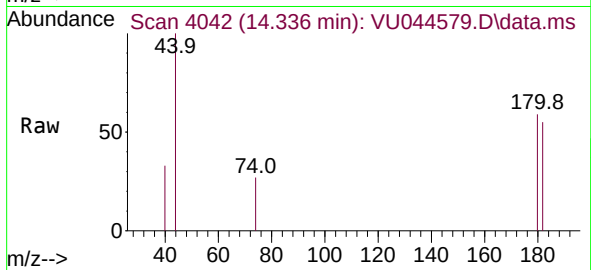
77 33.7 26.5 39.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.041 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU044579.D
 Acq: 07 Sep 2021 13:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	377
Ion	Ratio	Lower	Upper
180	100		
182	115.1	76.4	114.6#
145	0.0	27.1	40.7#

