

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044590.D
 Acq On : 07 Sep 2021 17:51
 Operator : SY/MD
 Sample : M3647-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:38:35 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)

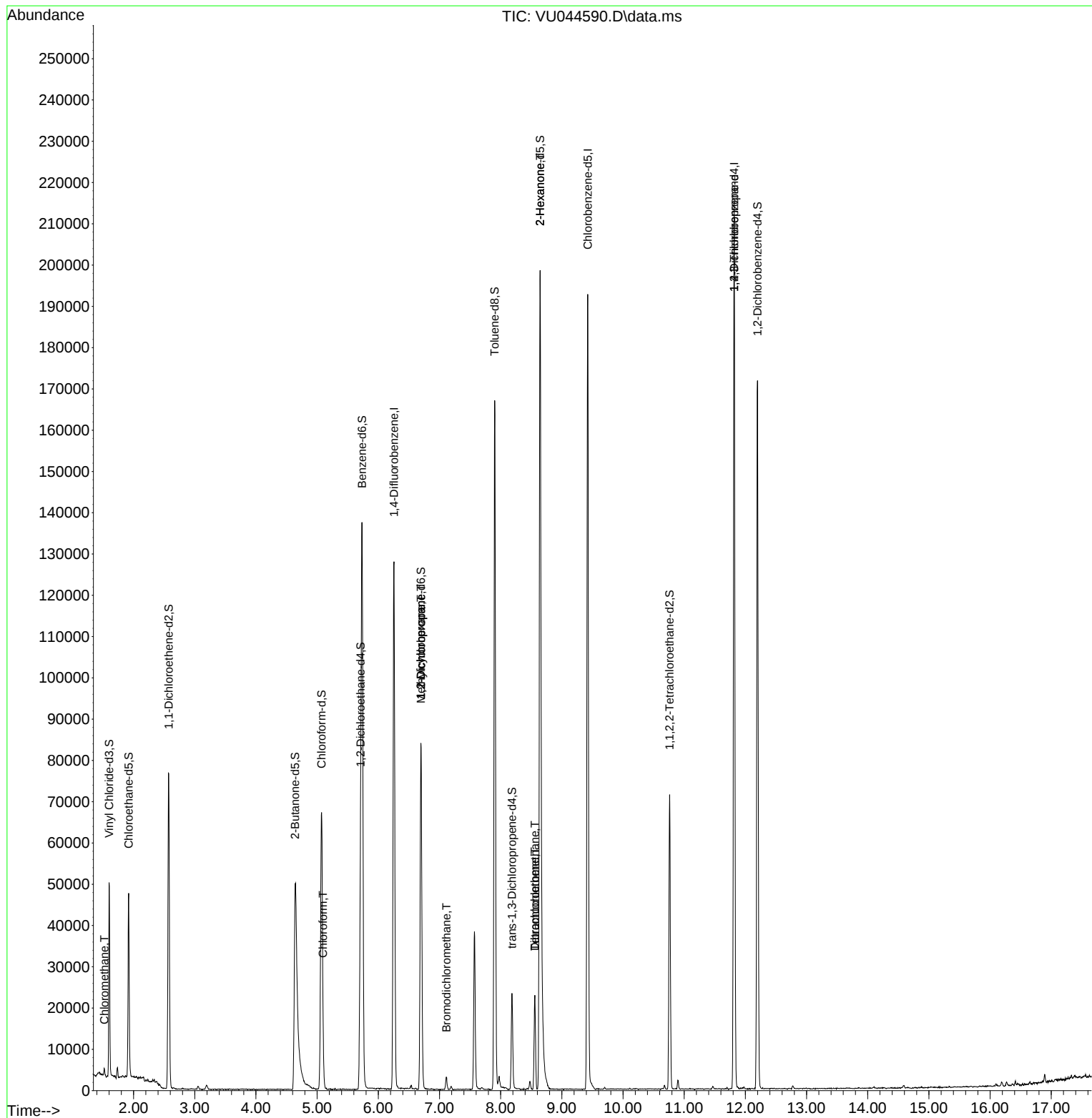
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107518	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	112028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	58170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33201	3.818	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.400%	
7) Chloroethane-d5	1.919	69	33496	4.432	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.575	65	14435	3.902	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	4.642	46	98177	40.824	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.640%	
24) Chloroform-d	5.073	84	62987	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	5.710	65	35762	4.265	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.735	84	130047	4.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.697	67	40030	3.966	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.400%	
41) Toluene-d8	7.902	98	111385	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.185	79	13782	3.803	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.645	63	87869	44.832	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.660%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	36300	4.271	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.198	152	45613	4.641	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1389	0.096	ug/L	90
25) Chloroform	5.096	83	3952	0.231	ug/L	98
35) Methylcyclohexane	6.700	83	9736	0.621	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4316	0.434	ug/L #	88
38) Bromodichloromethane	7.112	83	2240	0.183	ug/L #	98
47) Tetrachloroethene	8.558	164	5113	0.787	ug/L	97
48) 2-Hexanone	8.645	43	9739	2.020	ug/L #	68
49) Dibromochloromethane	8.558	129	5112	0.681	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6720	0.924	ug/L #	67

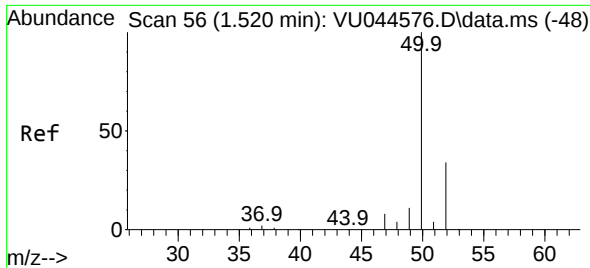
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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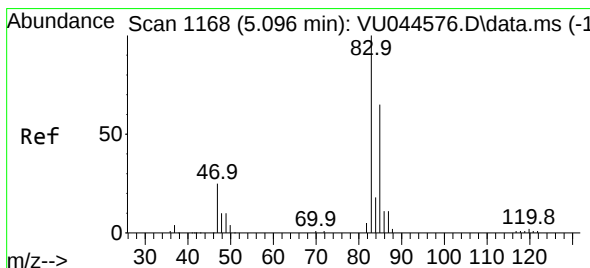
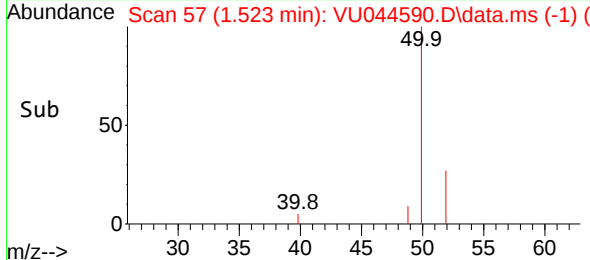
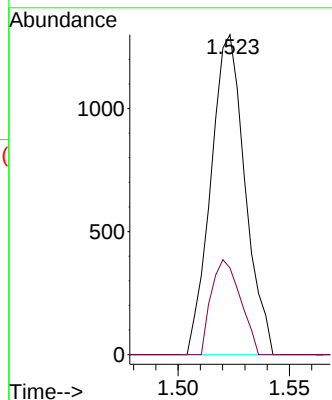
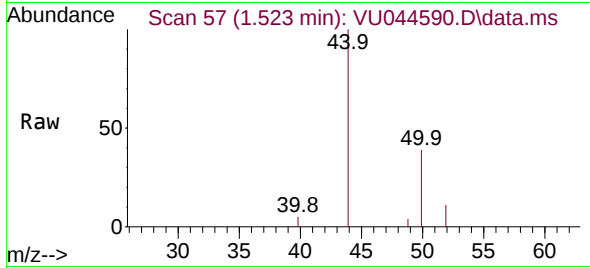




#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044590.D
Acq: 07 Sep 2021 17:51

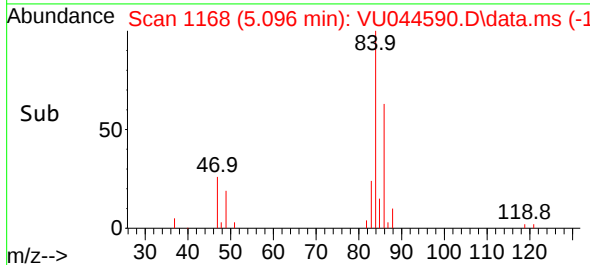
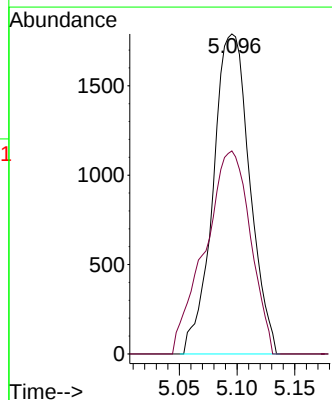
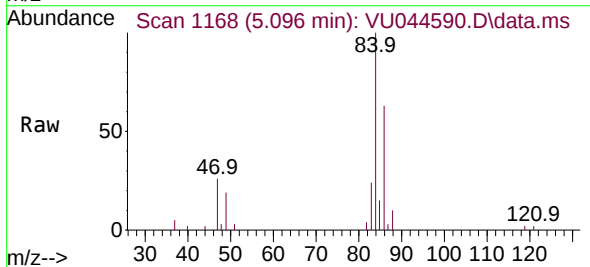
Instrument :
MSVOA_U
ClientSampled :

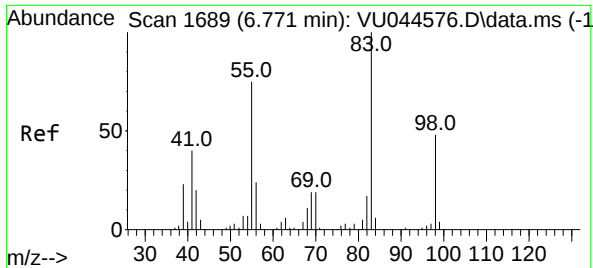
Tgt Ion: 50 Resp: 1389
Ion Ratio Lower Upper
50 100
52 27.1 22.8 42.4



#25
Chloroform
Concen: 0.231 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044590.D
Acq: 07 Sep 2021 17:51

Tgt Ion: 83 Resp: 3952
Ion Ratio Lower Upper
83 100
85 63.5 45.3 84.1

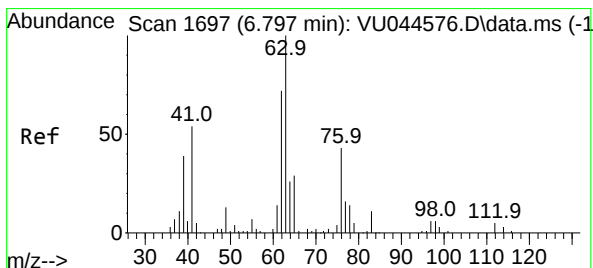
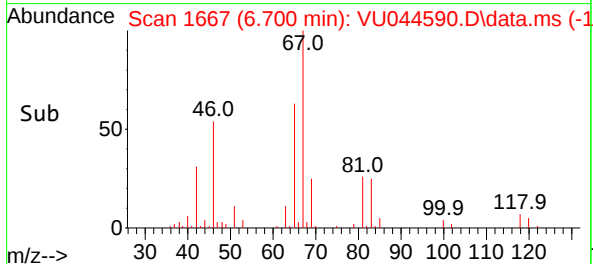
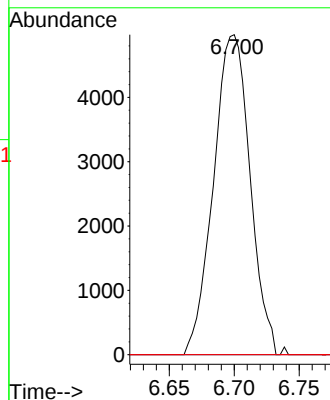
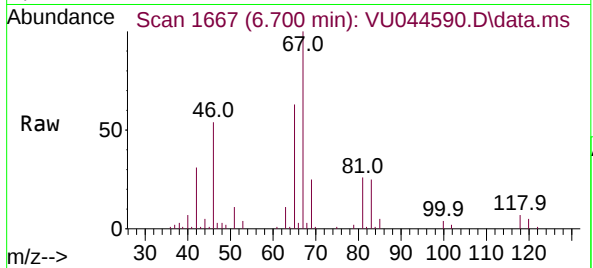




#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044590.D
Acq: 07 Sep 2021 17:51

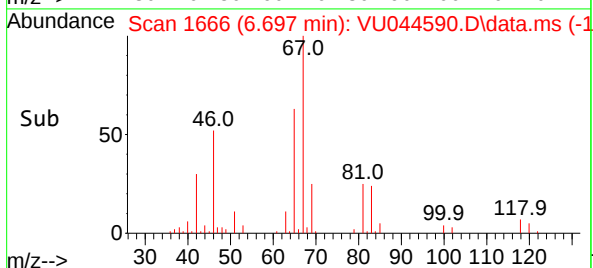
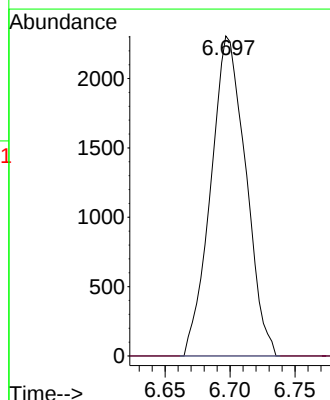
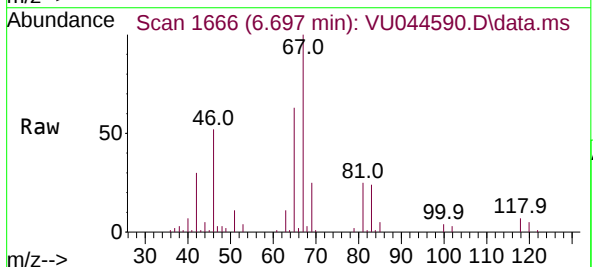
Instrument :
MSVOA_U
ClientSampled :

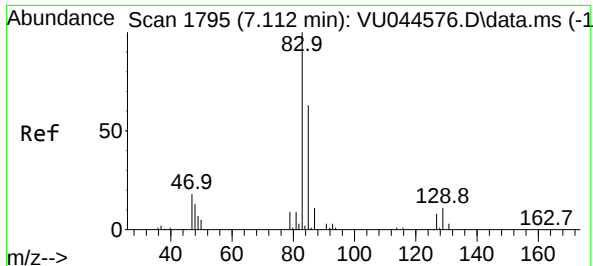
Tgt Ion: 83 Resp: 9736
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.2 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.434 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044590.D
Acq: 07 Sep 2021 17:51

Tgt Ion: 63 Resp: 4316
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.183 ug/L

RT: 7.112 min Scan# 1795

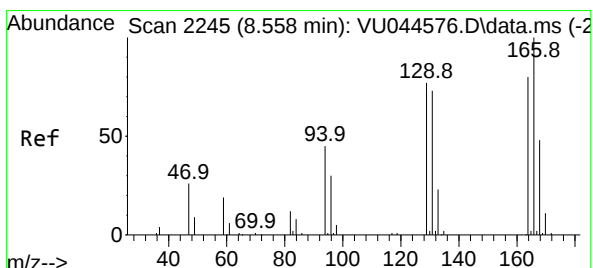
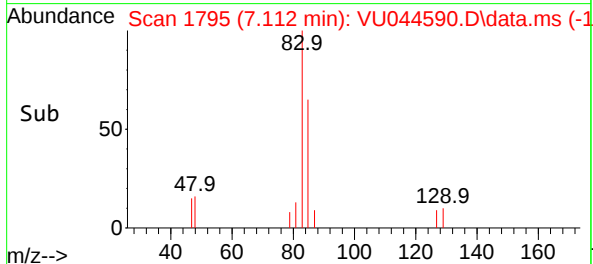
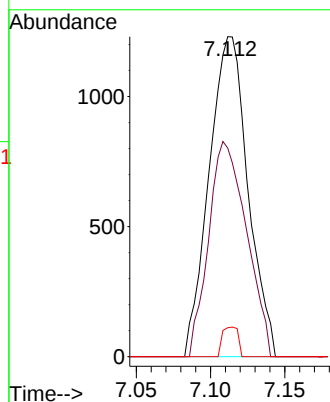
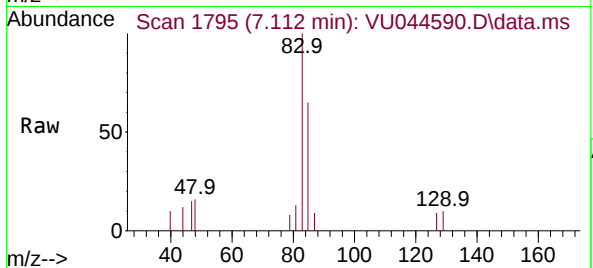
Delta R.T. -0.000 min

Lab File: VU044590.D

Acq: 07 Sep 2021 17:51

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	83	Resp:	2240
Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.6	82.8
127	9.0	5.9	8.9#



#47

Tetrachloroethene

Concen: 0.787 ug/L

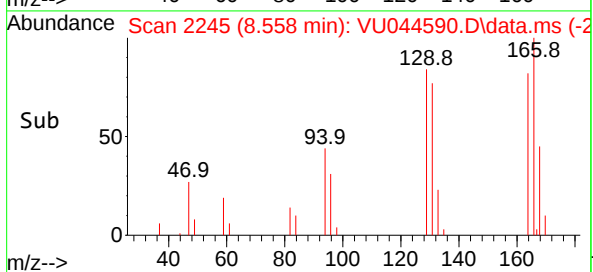
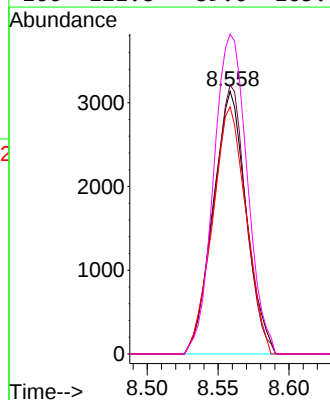
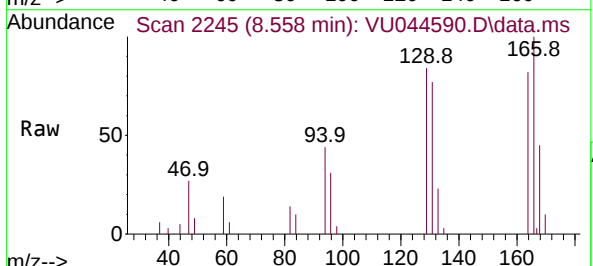
RT: 8.558 min Scan# 2245

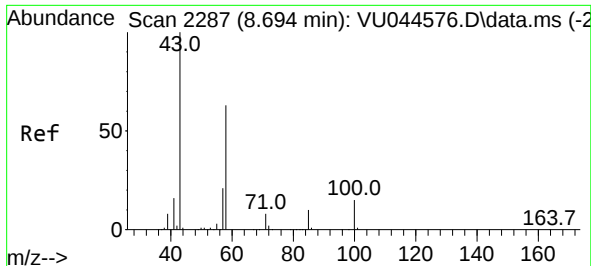
Delta R.T. -0.000 min

Lab File: VU044590.D

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Tgt Ion:	164	Resp:	5113
Ion	Ratio	Lower	Upper
164	100		
129	102.5	71.0	131.8
131	94.1	68.0	126.4
166	121.8	89.0	165.4

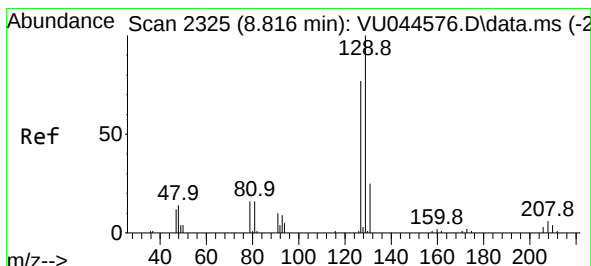
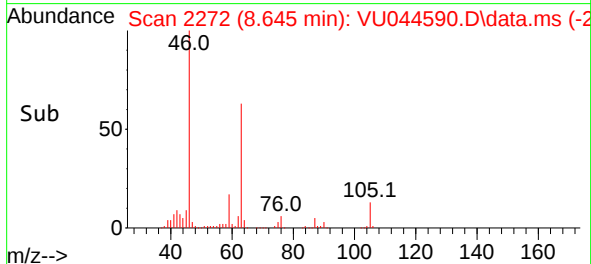
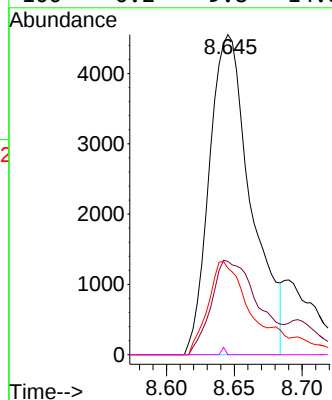
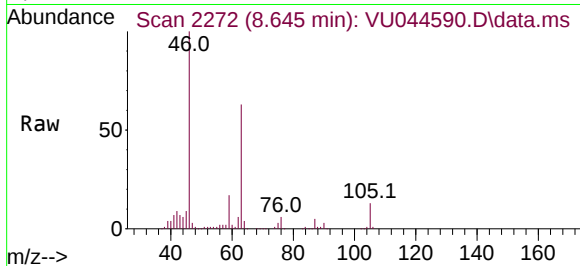




#48
2-Hexanone
Concen: 2.020 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044590.D
Acq: 07 Sep 2021 17:51

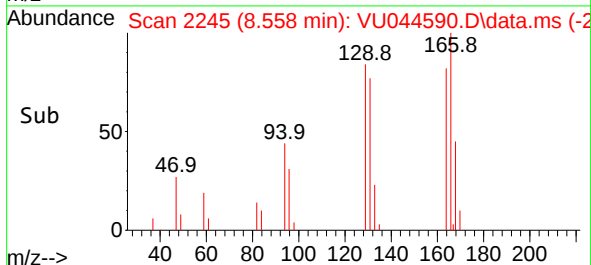
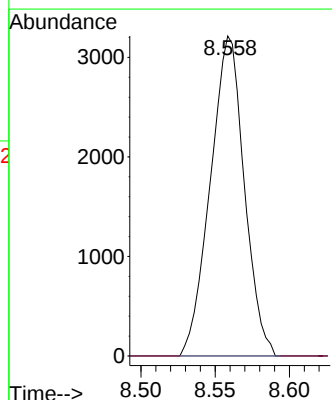
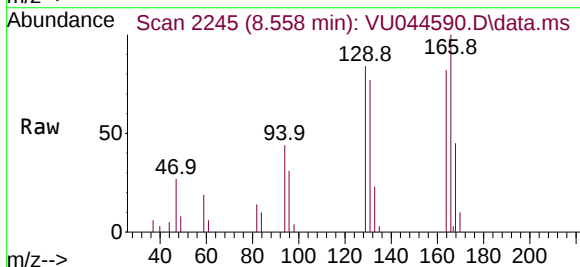
Instrument :
MSVOA_U
ClientSampled :

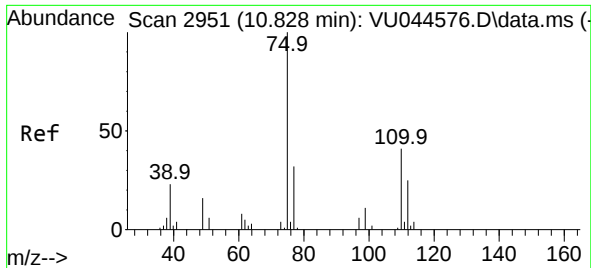
Tgt Ion: 43 Resp: 9739
Ion Ratio Lower Upper
43 100
58 33.8 46.5 69.7#
57 33.3 15.8 23.8#
100 0.2 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.681 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044590.D
Acq: 07 Sep 2021 17:51

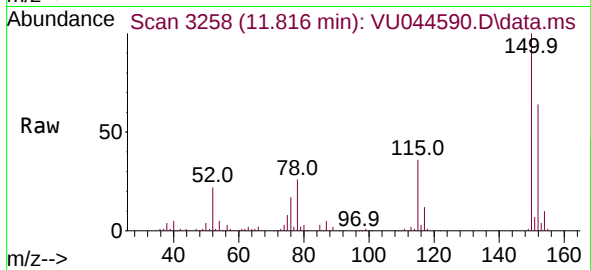
Tgt Ion: 129 Resp: 5112
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.924 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044590.D
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Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6720
 Ion Ratio Lower Upper
 75 100
 110 1.5 28.4 42.6#
 77 30.1 26.5 39.7

