

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090721\
 Data File : VU044583.D
 Acq On : 07 Sep 2021 15:01
 Operator : SY/MD
 Sample : M3622-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 02:37:17 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)

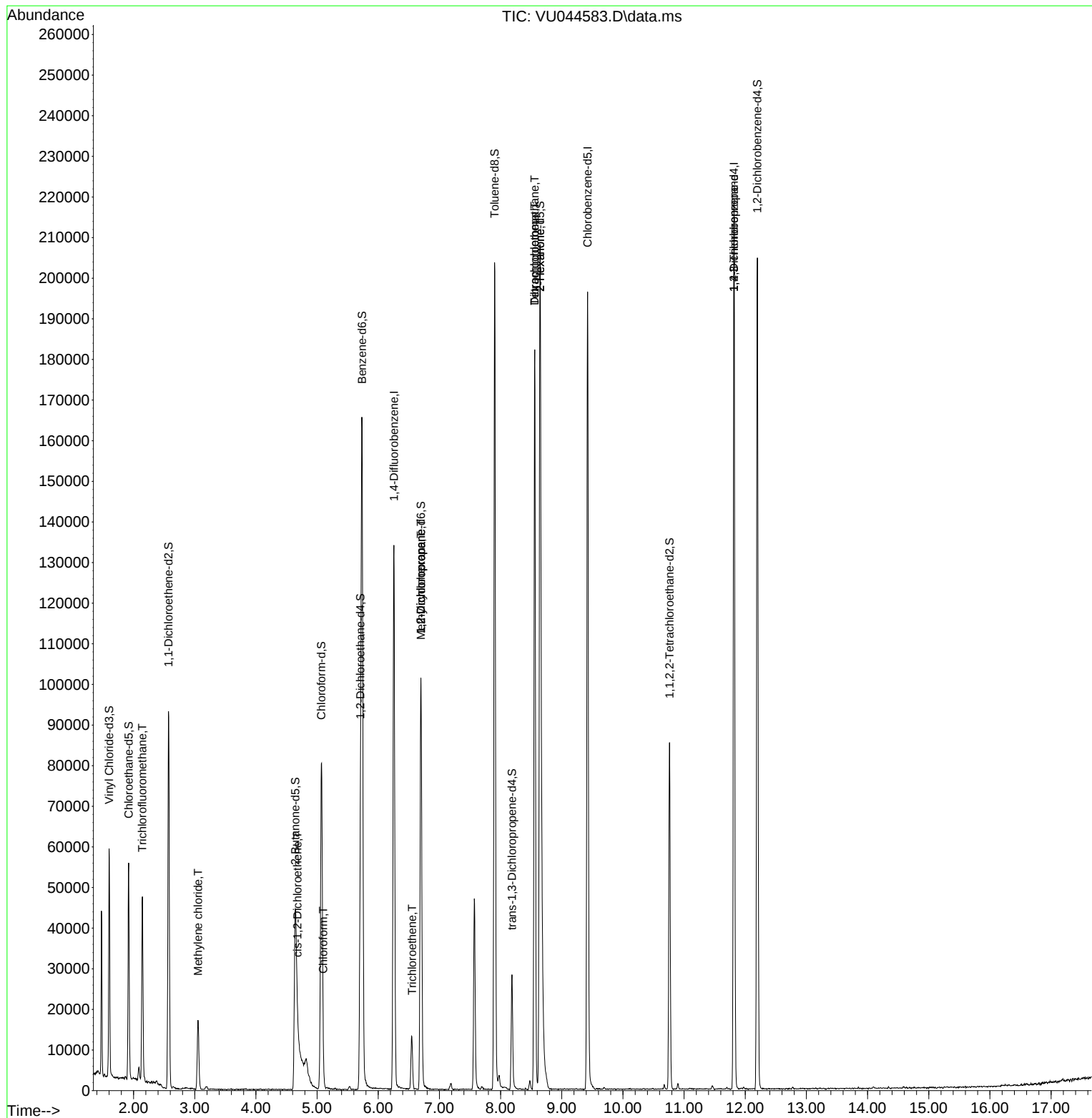
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	112117	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	116574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	59499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39247	4.328	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.600%	
7) Chloroethane-d5	1.919	69	39868	5.059	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.571	65	17303	4.486	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.800%	
20) 2-Butanone-d5	4.645	46	91678	36.558	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.120%	
24) Chloroform-d	5.070	84	75745	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.710	65	41213	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.735	84	155263	4.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.697	67	48809	4.648	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.902	98	137635	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.185	79	16856	4.469	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.645	63	102104	50.064	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.120%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44063	4.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.198	152	55107	5.482	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	28851	1.807	ug/L	98
16) Methylene chloride	3.054	84	8762	0.684	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	1033	0.108	ug/L	92
25) Chloroform	5.099	83	2841	0.159	ug/L	95
34) Trichloroethene	6.552	95	4430	0.453	ug/L	89
35) Methylcyclohexane	6.700	83	11862	0.727	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5282	0.510	ug/L #	88
47) Tetrachloroethene	8.558	164	40583	6.002	ug/L	96
48) 2-Hexanone	8.645	43	13130	2.617	ug/L #	63
49) Dibromochloromethane	8.558	129	37670	4.820	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	6955	0.935	ug/L #	68

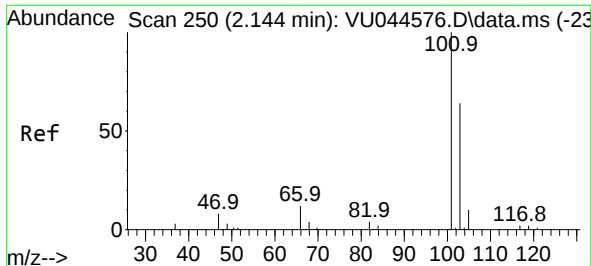
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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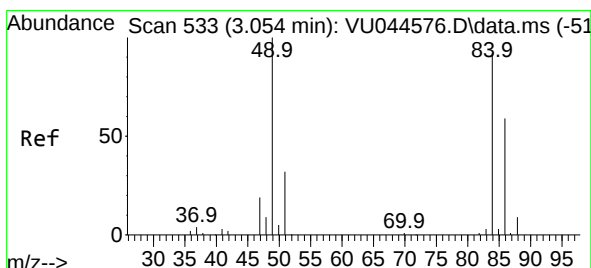
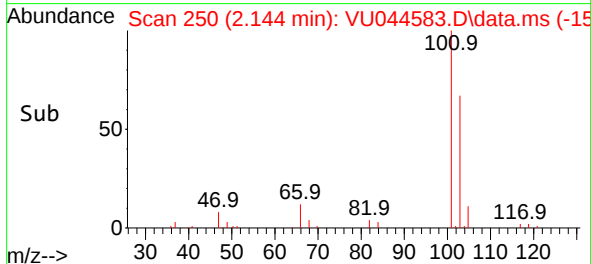
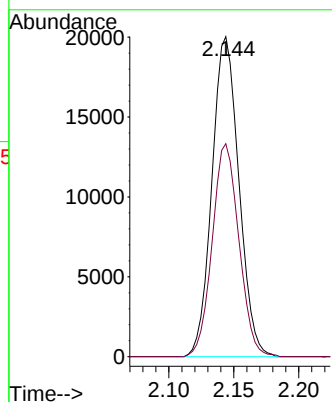
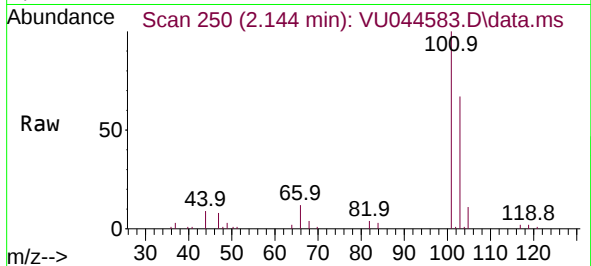




#9
Trichlorofluoromethane
Concen: 1.807 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

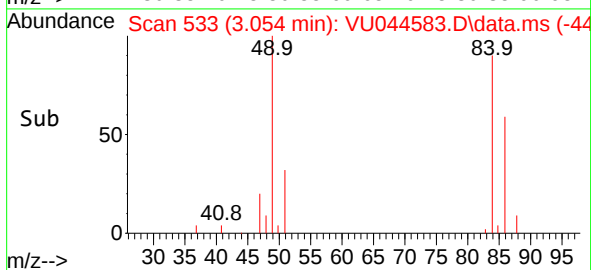
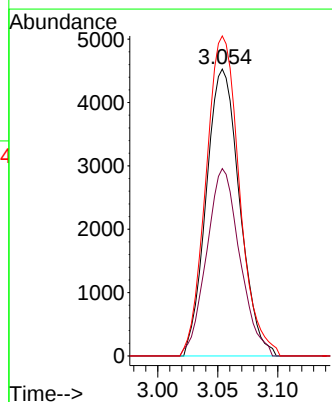
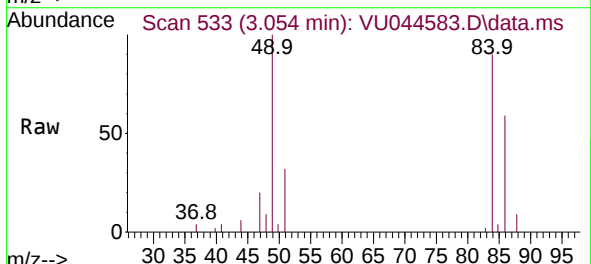
Instrument :
MSVOA_U
ClientSampled :

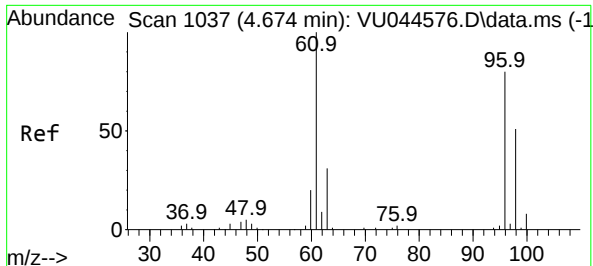
Tgt Ion:101 Resp: 28851
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4



#16
Methylene chloride
Concen: 0.684 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

Tgt Ion: 84 Resp: 8762
Ion Ratio Lower Upper
84 100
86 65.3 45.2 84.0
49 115.5 88.8 165.0



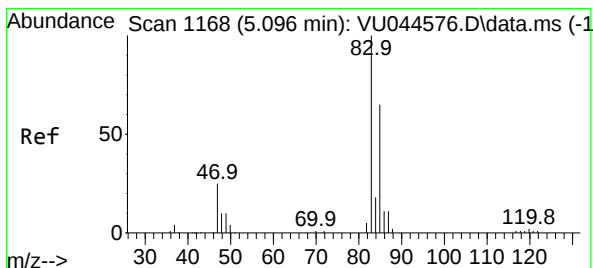
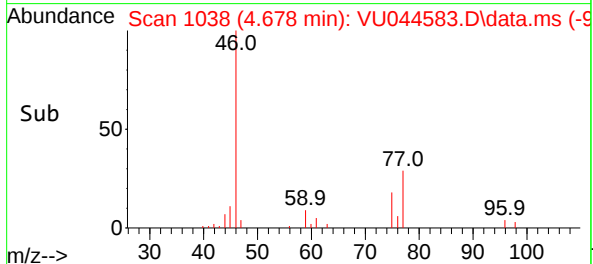
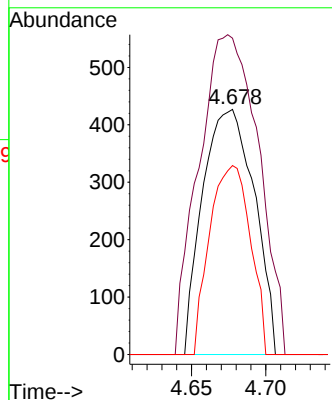
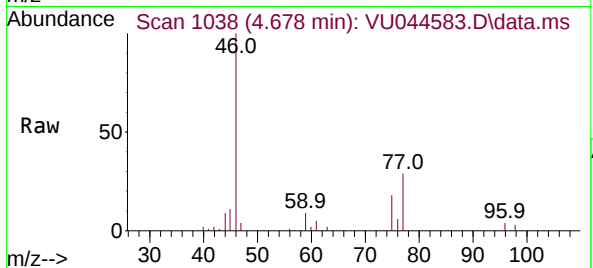


#22

cis-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

Instrument :
MSVOA_U
ClientSampled :

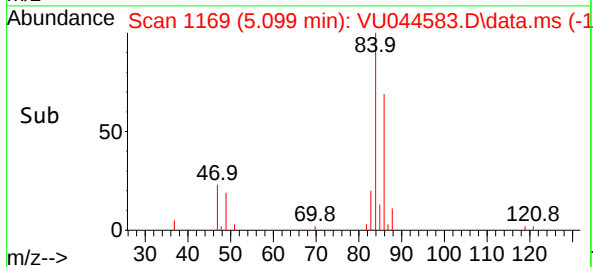
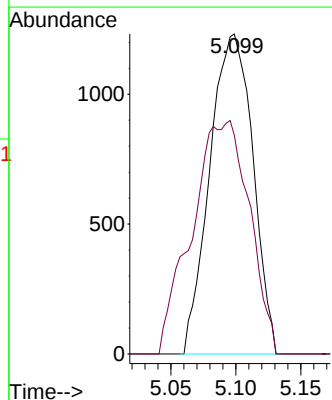
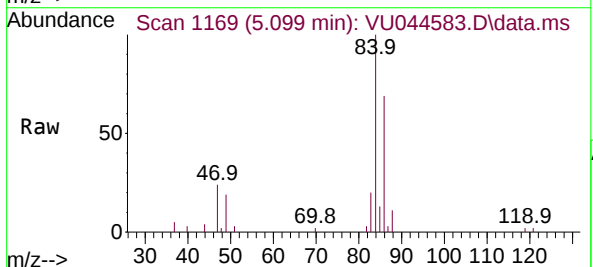
Tgt Ion: 96 Resp: 1033
Ion Ratio Lower Upper
96 100
61 129.0 93.9 174.5
98 77.0 44.7 83.1

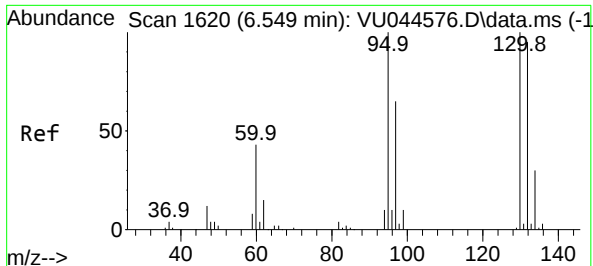


#25

Chloroform
Concen: 0.159 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

Tgt Ion: 83 Resp: 2841
Ion Ratio Lower Upper
83 100
85 68.4 45.3 84.1

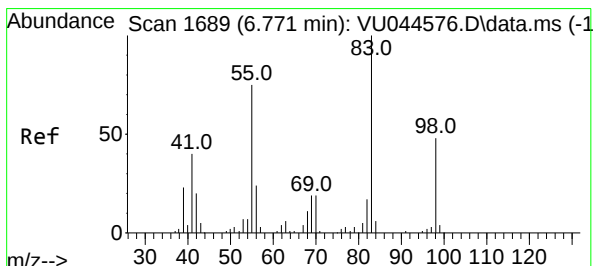
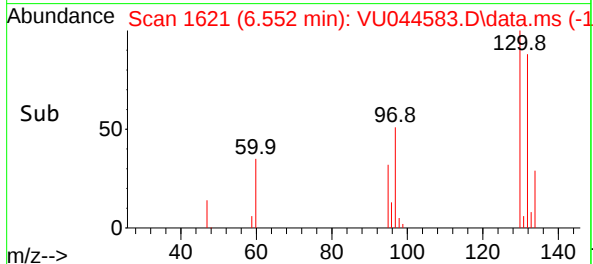
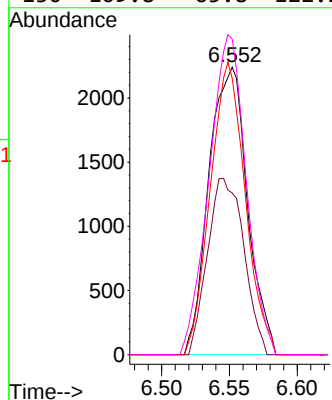
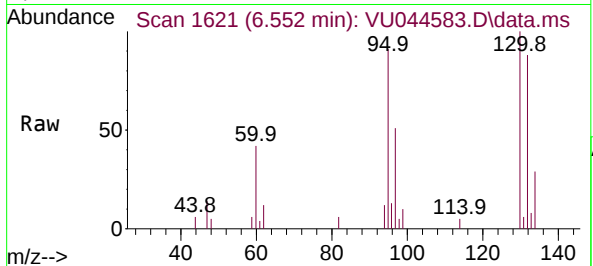




#34
Trichloroethene
Concen: 0.453 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

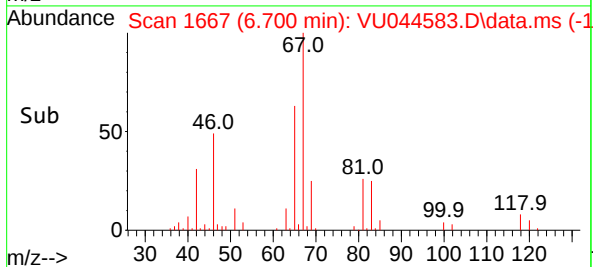
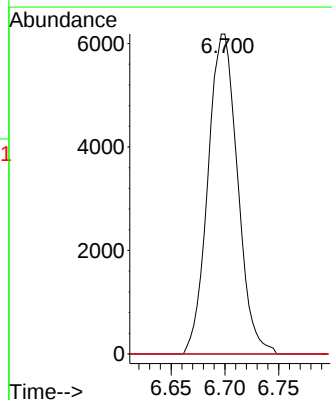
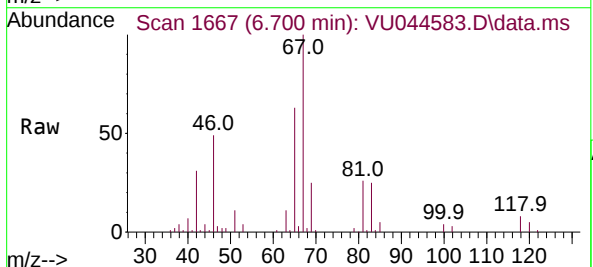
Instrument :
MSVOA_U
ClientSampled :

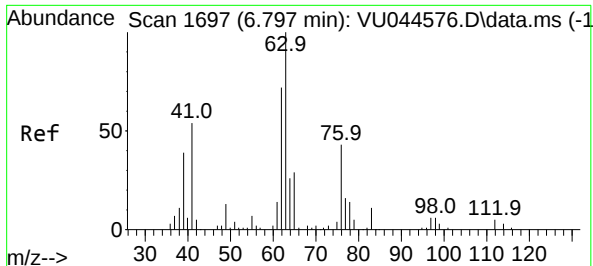
Tgt Ion: 95 Resp: 4430
Ion Ratio Lower Upper
95 100
97 56.3 45.6 84.8
132 96.2 63.4 117.8
130 109.8 65.8 122.2



#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

Tgt Ion: 83 Resp: 11862
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 2.4 37.5 56.3#



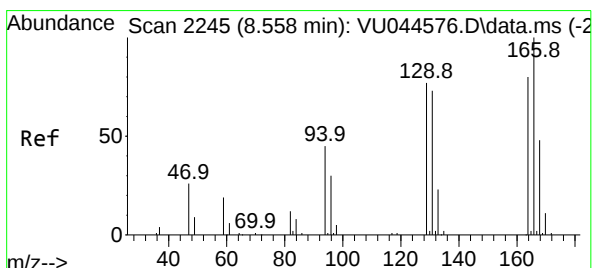
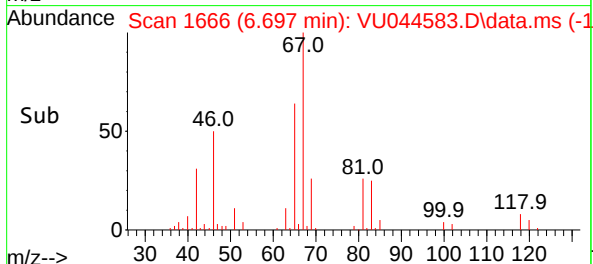
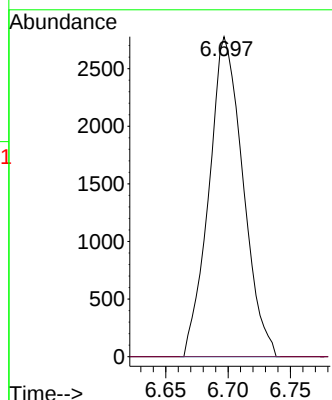
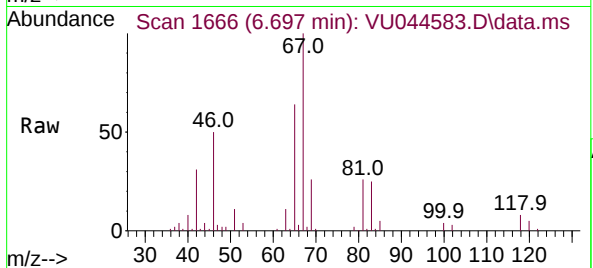


#37

1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

Instrument :
MSVOA_U
ClientSampled :

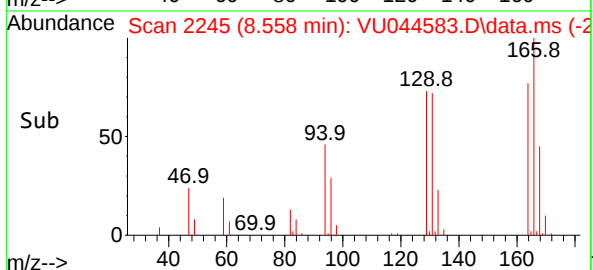
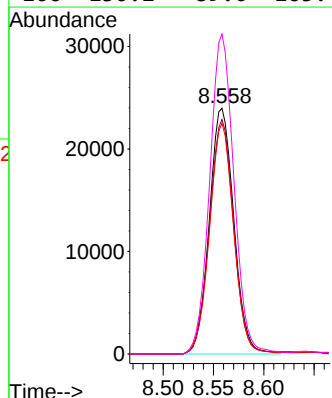
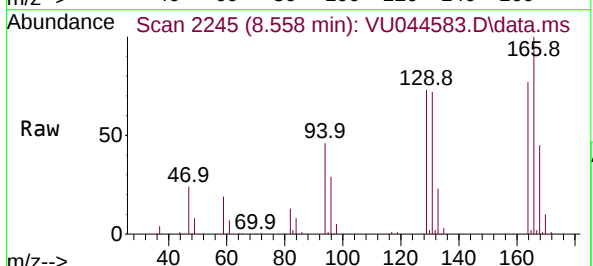
Tgt Ion: 63 Resp: 5282
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

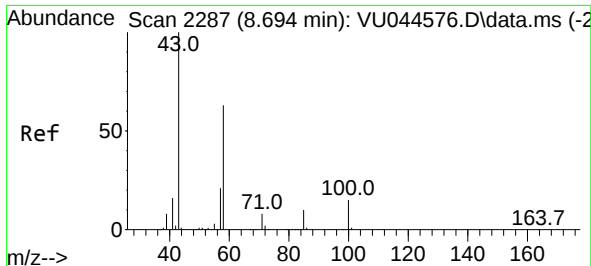


#47

Tetrachloroethene
Concen: 6.002 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

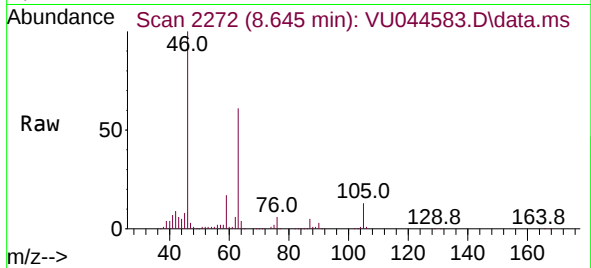
Tgt Ion: 164 Resp: 40583
Ion Ratio Lower Upper
164 100
129 95.4 71.0 131.8
131 93.8 68.0 126.4
166 130.2 89.0 165.4



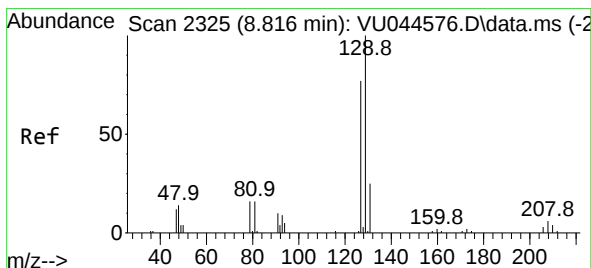
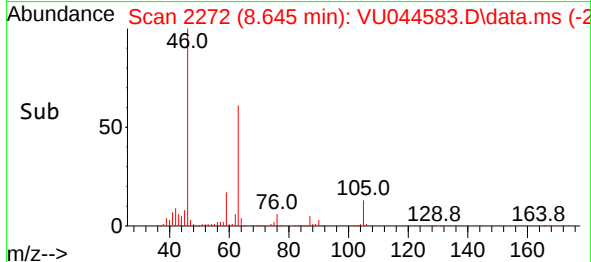
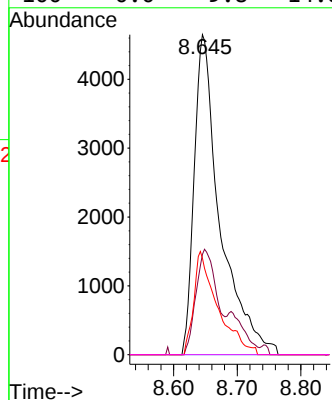


#48
2-Hexanone
Concen: 2.617 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

Instrument :
MSVOA_U
ClientSampled :

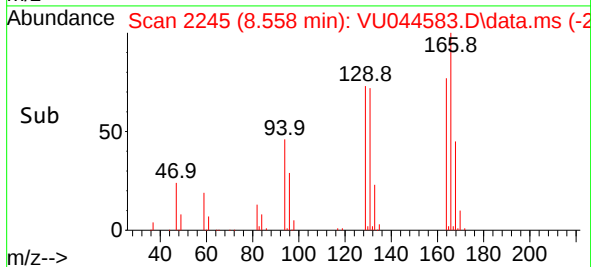
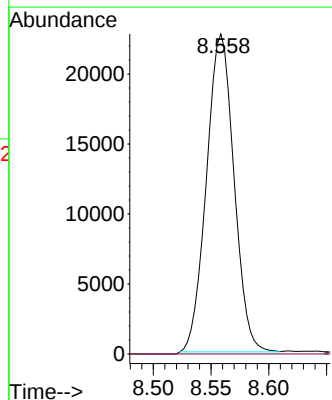
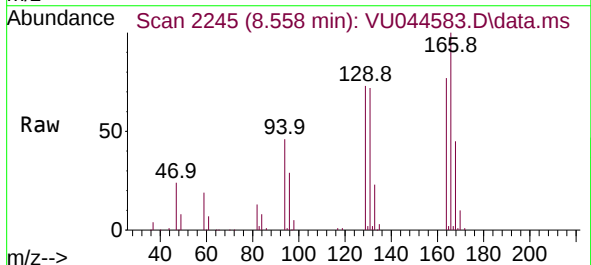


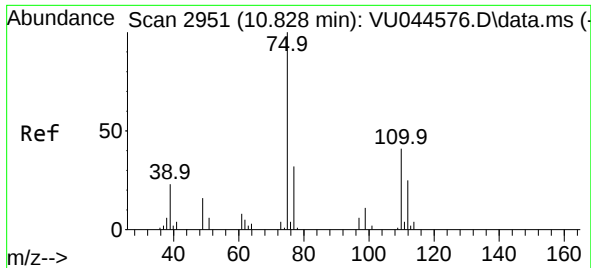
Tgt Ion: 43 Resp: 13130
Ion Ratio Lower Upper
43 100
58 26.4 46.5 69.7#
57 29.8 15.8 23.8#
100 0.0 9.8 14.8#



#49
Dibromochloromethane
Concen: 4.820 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044583.D
Acq: 07 Sep 2021 15:01

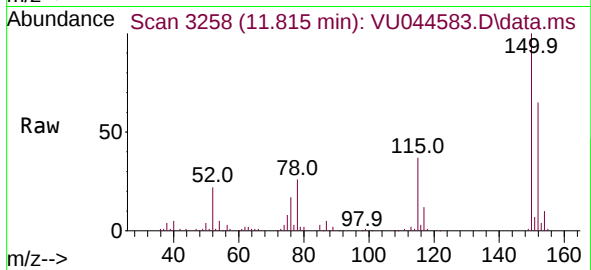
Tgt Ion: 129 Resp: 37670
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.935 ug/L
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044583.D
 Acq: 07 Sep 2021 15:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6955
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.4 42.6#
 77 32.4 26.5 39.7

