

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032221\
 Data File : VU042758.D
 Acq On : 22 Mar 2021 13:27
 Operator : SY/MD
 Sample : M1743-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD7

Quant Time: Mar 23 07:18:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 23 07:16:03 2021
 Response via : Initial Calibration

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

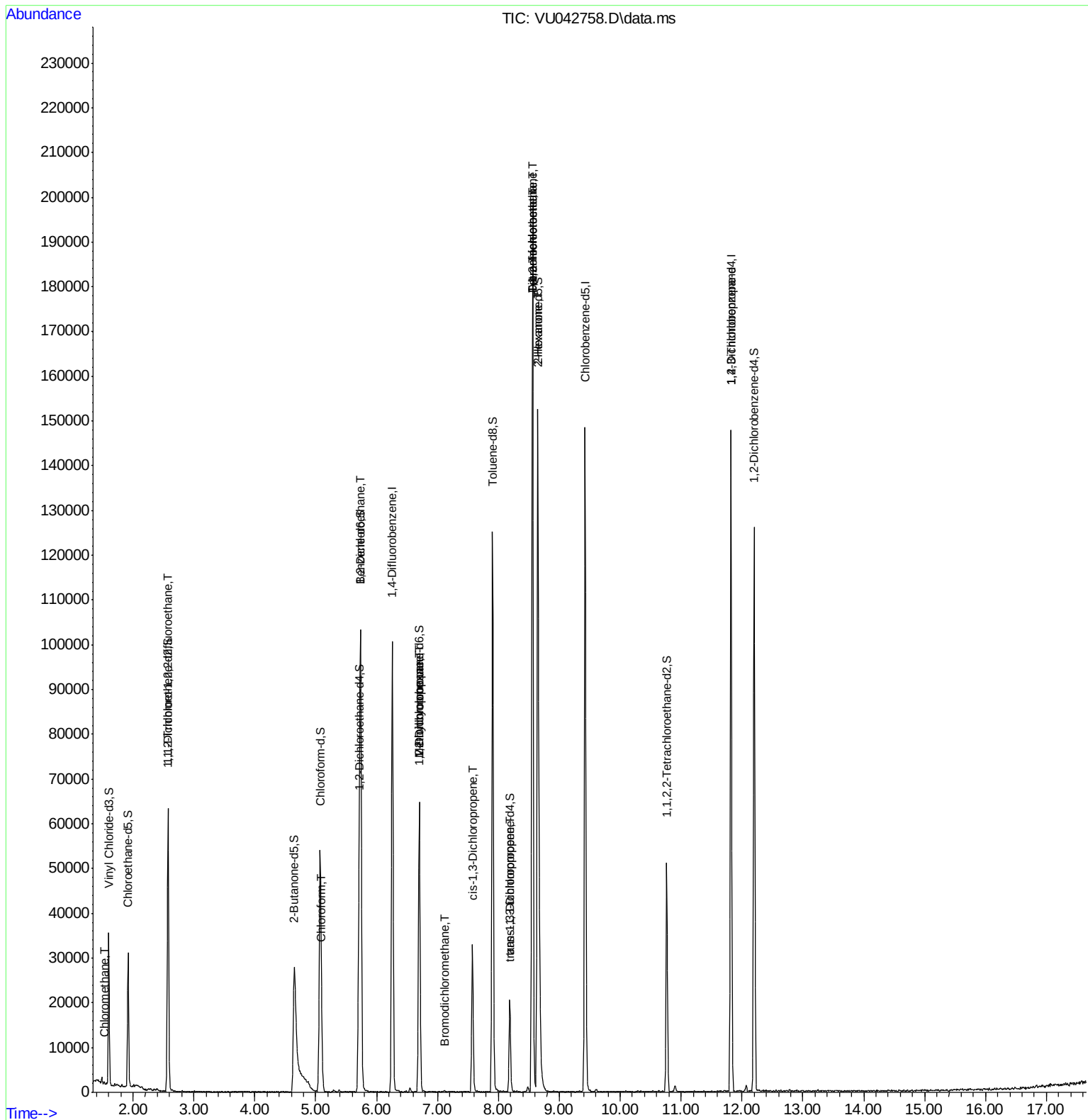
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	75510	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	36512	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22950	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.919	69	19706	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	63	39079	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.649	46	63708	38.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.10%
24) Chloroform-d	5.073	84	46833	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.713	65	29588	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.735	84	85360	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.700	67	28451	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.906	98	78050	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloroprop...	8.185	79	11187	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.645	63	59984	44.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.96%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	23701	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	31684	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	395	0.06	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	274	0.05	ug/L #	18
25) Chloroform	5.096	83	5497	0.48	ug/L	89
27) 1,2-Dichloroethane	5.735	62	487	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	6538	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3412	0.53	ug/L #	87
38) Bromodichloromethane	7.118	83	280	0.03	ug/L #	82
39) cis-1,3-Dichloropropene	7.575	75	1056	0.11	ug/L	95
44) trans-1,3-Dichloropropene	8.192	75	537	0.06	ug/L #	80
45) 1,1,2-Trichloroethane	8.558	97	410	0.09	ug/L #	35
47) Tetrachloroethene	8.558	164	42400	7.87	ug/L	99
48) 2-Hexanone	8.648	43	9748	2.35	ug/L #	63
49) Dibromochloromethane	8.562	129	38683	6.51	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4603	0.95	ug/L #	87

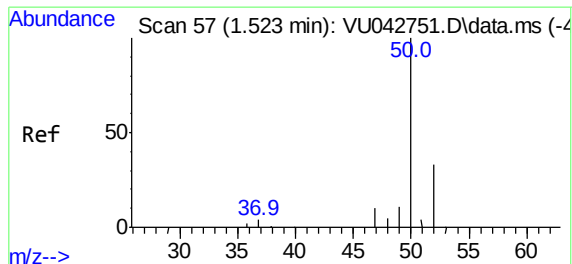
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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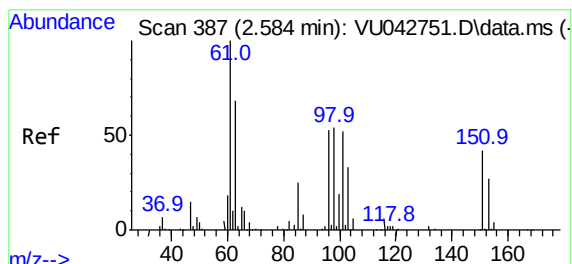
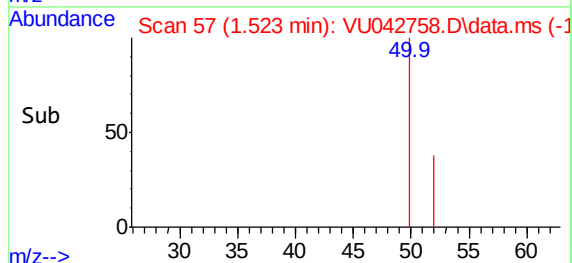
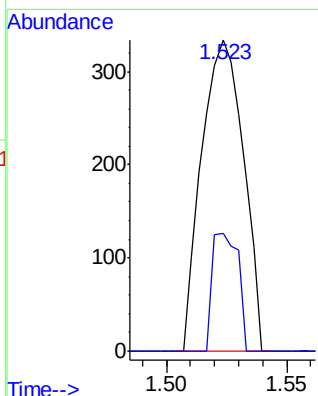
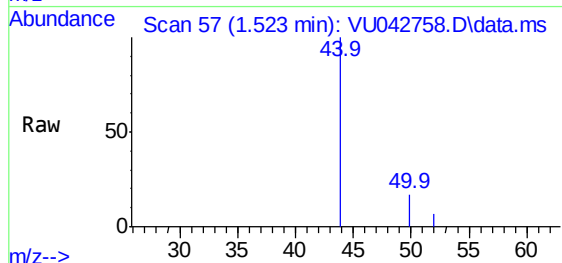




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

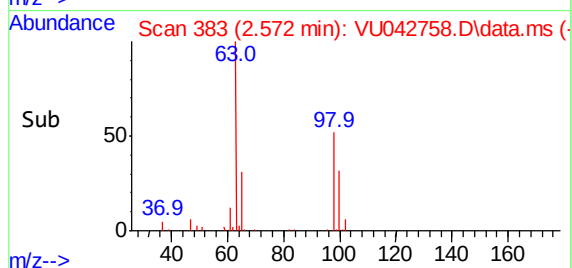
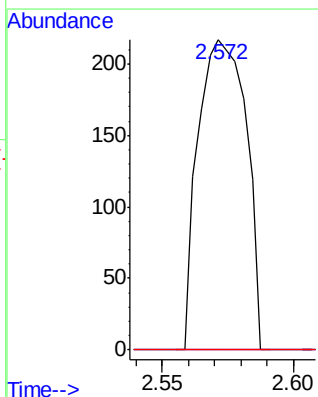
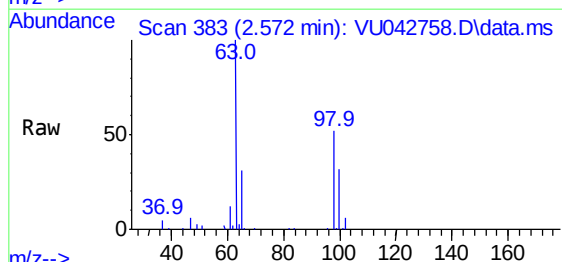
Instrument :
MSVOA_U
ClientSampleId :
ETZD7

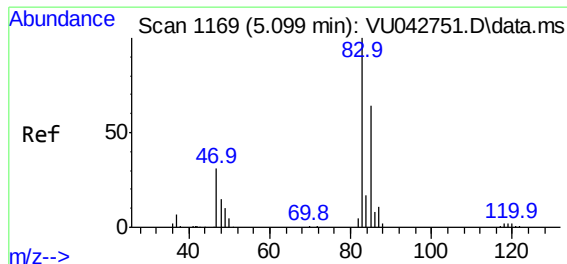
Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 37.7 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

Tgt Ion:101 Resp: 274
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

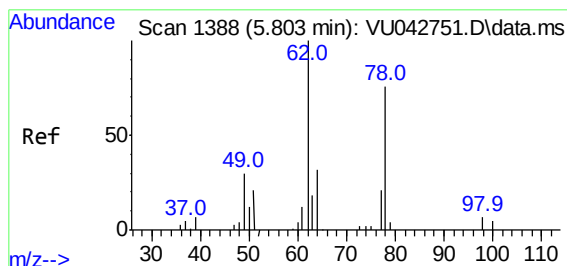
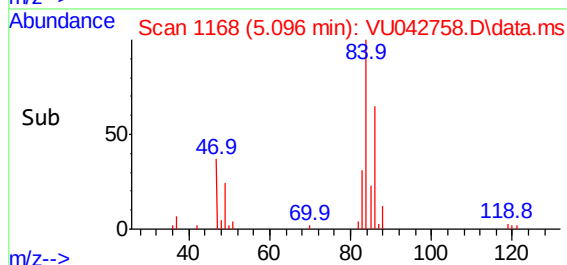
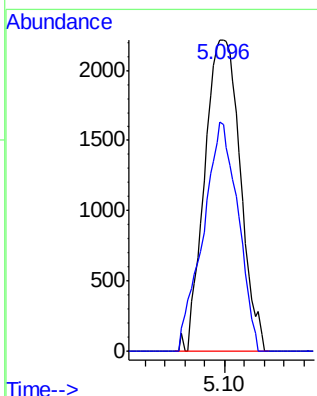
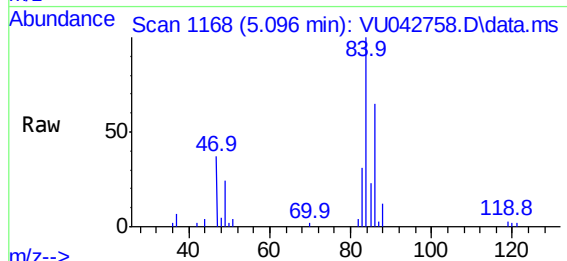




#25
Chloroform
Concen: 0.48 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

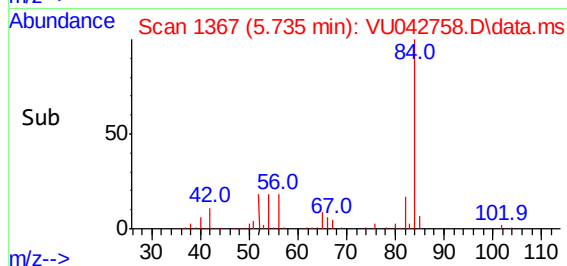
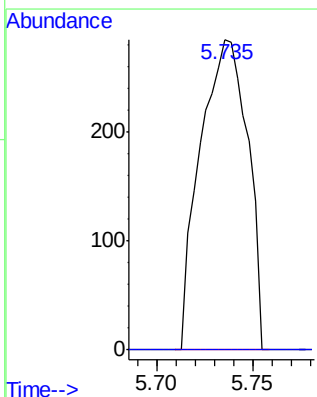
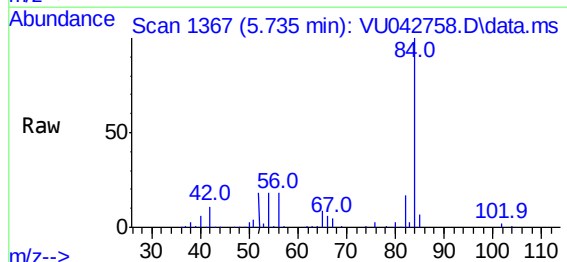
Instrument :
MSVOA_U
ClientSampled :
ETZD7

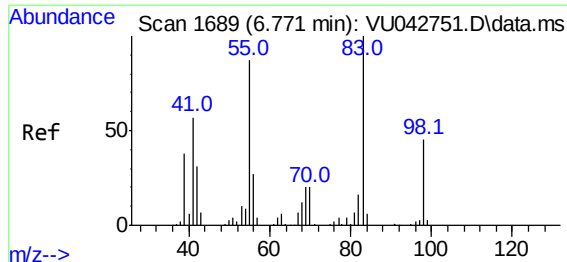
Tgt Ion: 83 Resp: 5497
Ion Ratio Lower Upper
83 100
85 73.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

Tgt Ion: 62 Resp: 487
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

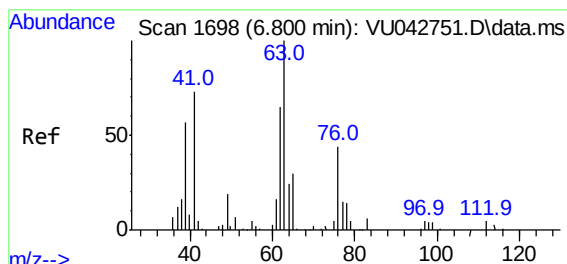
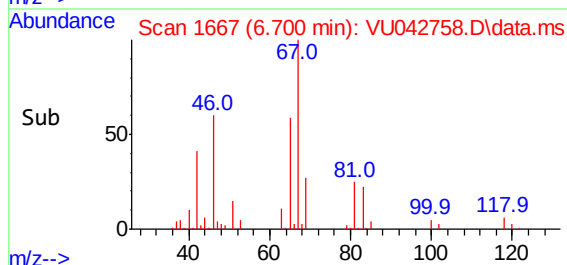
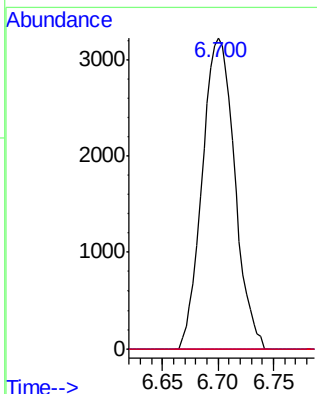
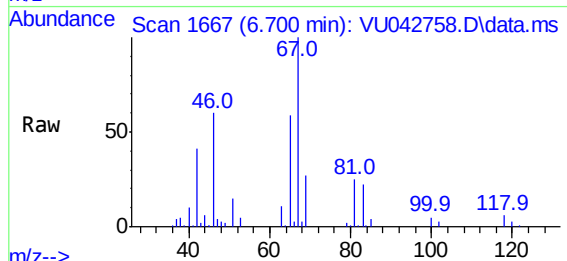




#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

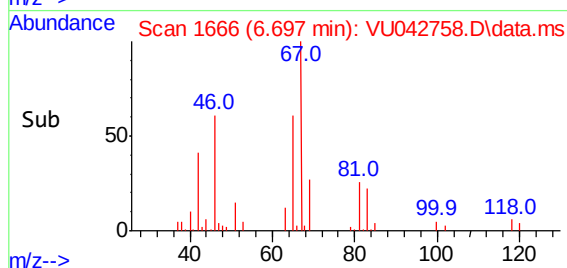
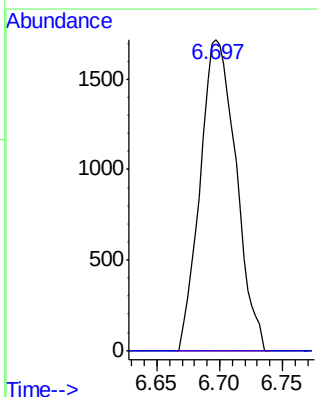
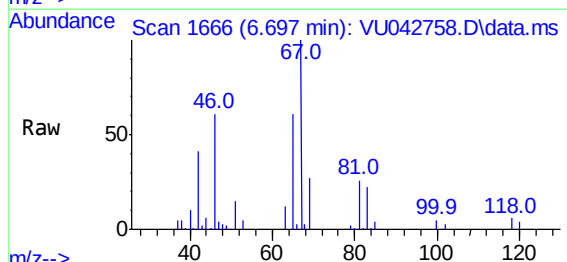
Instrument :
MSVOA_U
ClientSampleId :
ETZD7

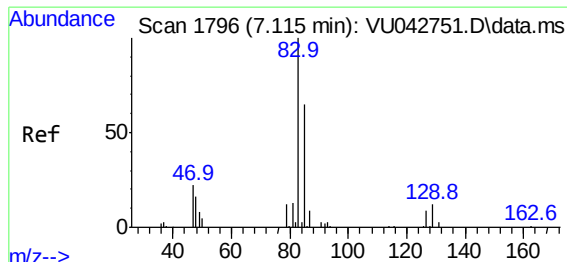
Tgt Ion: 83 Resp: 6538
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

Tgt Ion: 63 Resp: 3412
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#38

Bromodichloromethane

Concen: 0.03 ug/L

RT: 7.118 min Scan# 1797

Delta R.T. 0.003 min

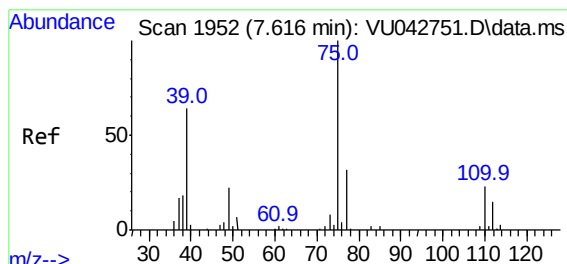
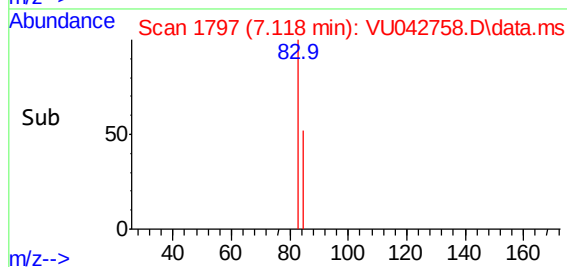
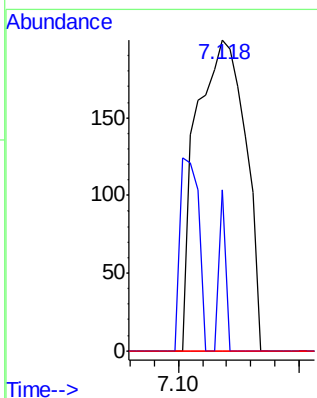
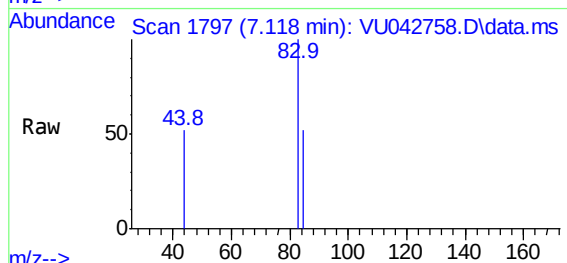
Lab File: VU042758.D

Acq: 22 Mar 2021 13:27

Tgt Ion: 83 Resp: 280

Ion	Ratio	Lower	Upper
83	100		
85	52.0	46.0	85.4
127	0.0	6.8	10.2#

Instrument :
MSVOA_U
ClientSampled :
ETZD7



#39

cis-1,3-Dichloropropene

Concen: 0.11 ug/L

RT: 7.575 min Scan# 1939

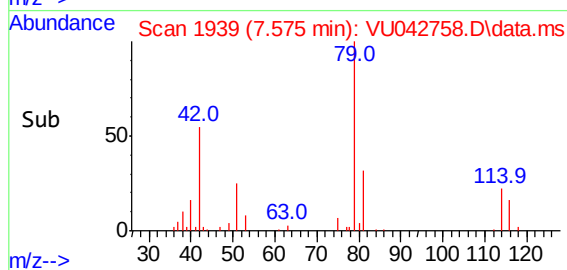
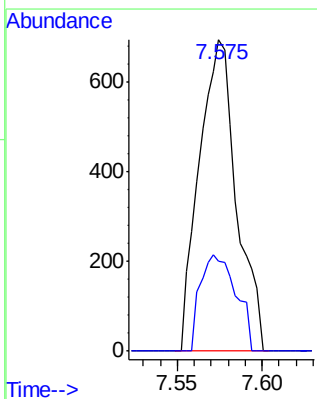
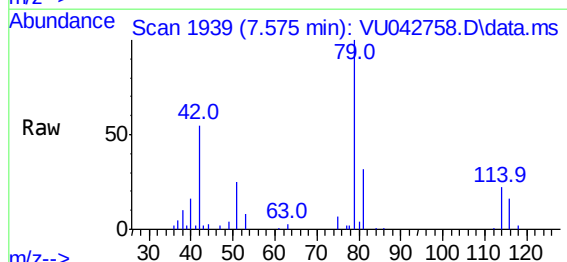
Delta R.T. -0.042 min

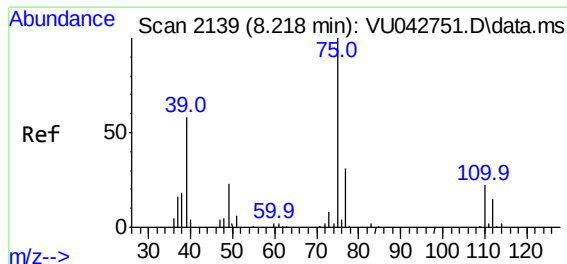
Lab File: VU042758.D

Acq: 22 Mar 2021 13:27

Tgt Ion: 75 Resp: 1056

Ion	Ratio	Lower	Upper
75	100		
77	28.6	22.0	40.8



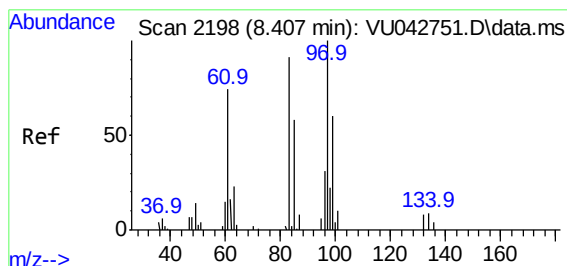
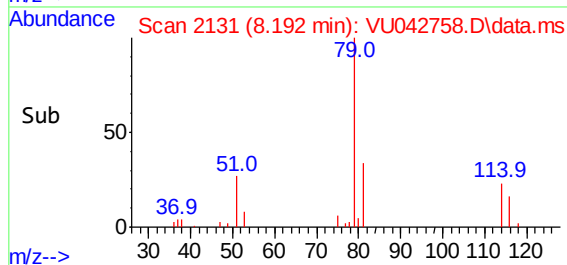
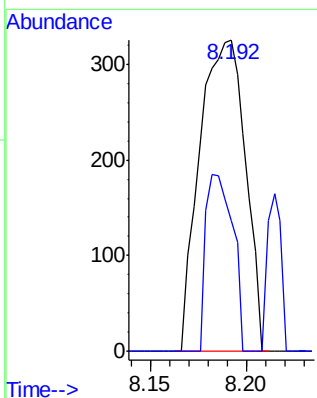
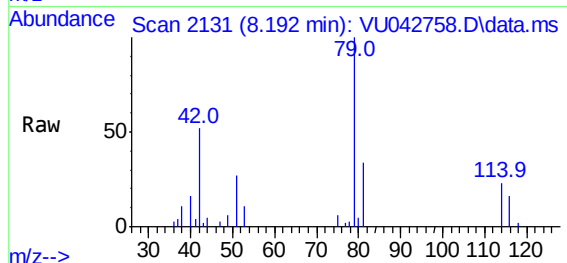


#44

trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

Instrument :
MSVOA_U
ClientSampleId :
ETZD7

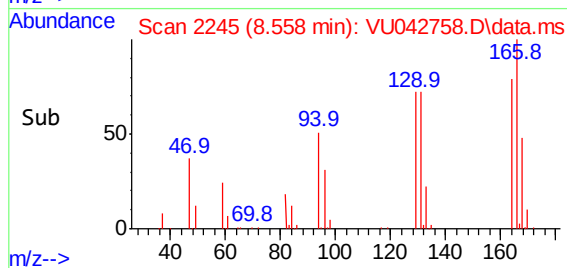
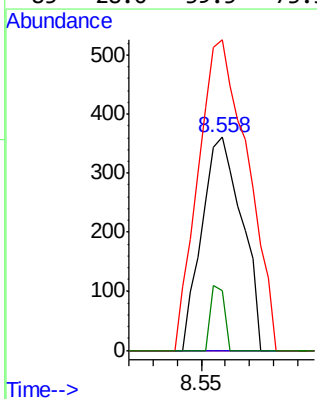
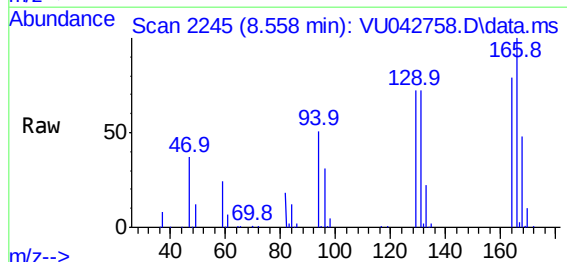
Tgt Ion: 75 Resp: 537
Ion Ratio Lower Upper
75 100
77 42.0 21.8 40.4#

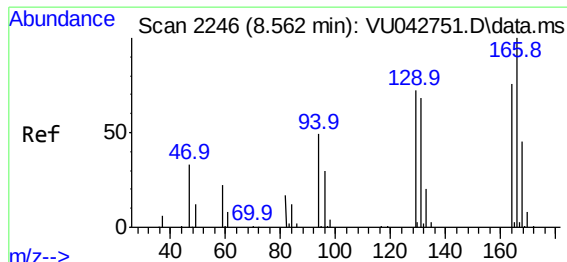


#45

1,1,2-Trichloroethane
Concen: 0.09 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

Tgt Ion: 97 Resp: 410
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 145.7 57.6 107.0#
85 28.0 39.5 73.3#

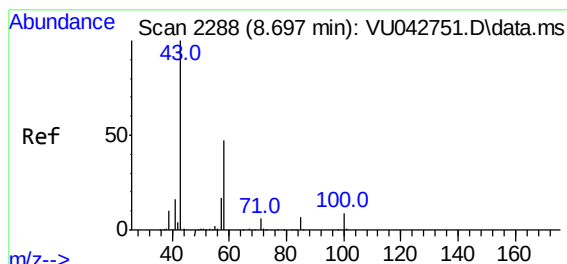
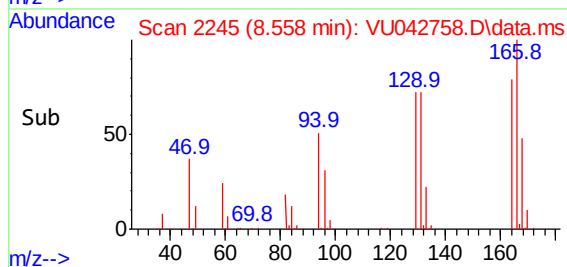
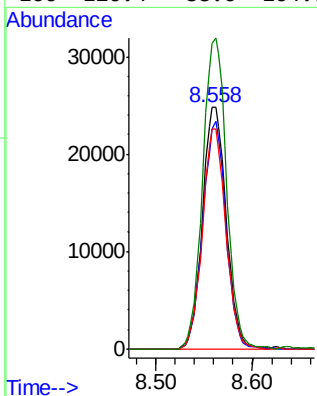
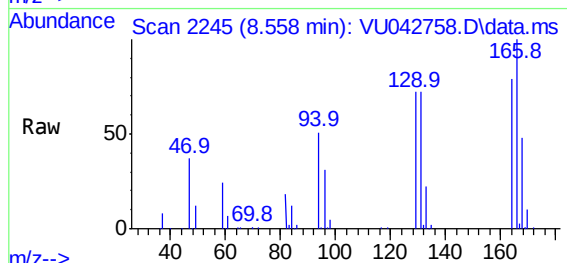




#47
Tetrachloroethene
Concen: 7.87 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

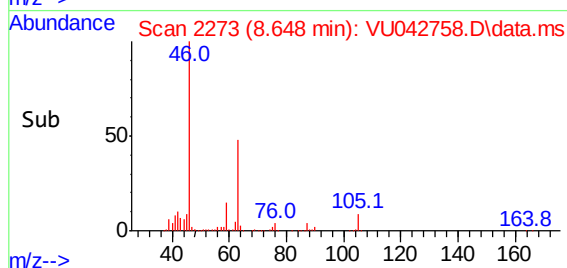
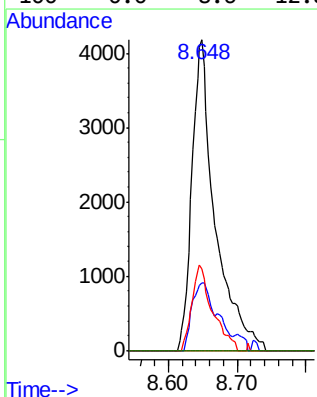
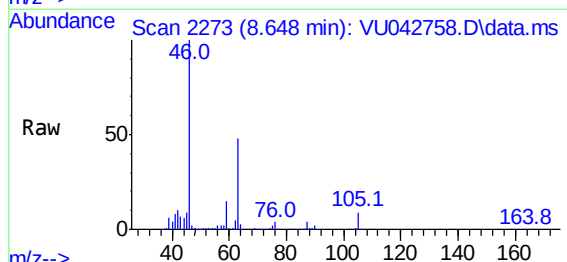
Instrument :
MSVOA_U
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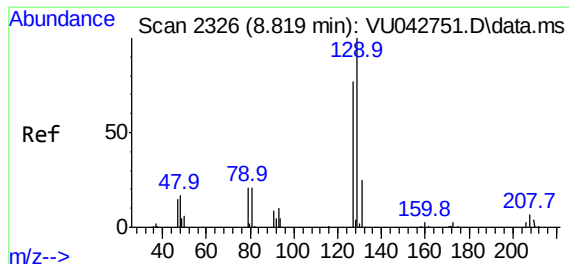
Tgt Ion:164 Resp: 42400
Ion Ratio Lower Upper
164 100
129 91.0 64.3 119.5
131 90.8 62.2 115.6
166 126.4 88.6 164.6



#48
2-Hexanone
Concen: 2.35 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042758.D
Acq: 22 Mar 2021 13:27

Tgt Ion: 43 Resp: 9748
Ion Ratio Lower Upper
43 100
58 18.0 40.6 61.0#
57 24.3 14.9 22.3#
100 0.0 8.6 12.8#

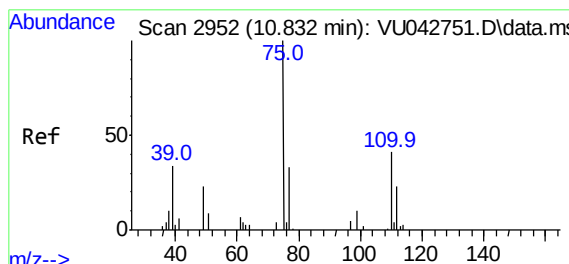
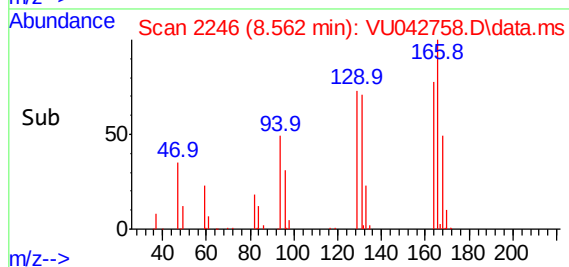
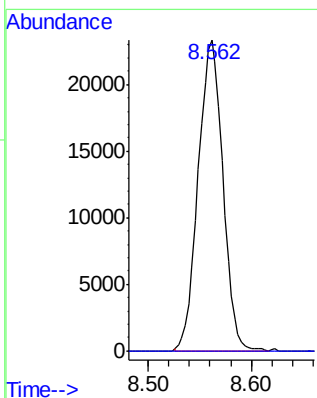
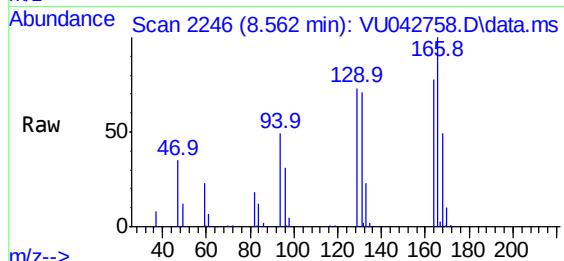




#49
 Dibromochloromethane
 Concen: 6.51 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. -0.257 min
 Lab File: VU042758.D
 Acq: 22 Mar 2021 13:27

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZD7

Tgt Ion:129 Resp: 38683
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.3 97.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.95 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042758.D
 Acq: 22 Mar 2021 13:27

Tgt Ion: 75 Resp: 4603
 Ion Ratio Lower Upper
 75 100
 77 39.6 26.0 39.0#

