

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044558.D
 Acq On : 02 Sep 2021 17:24
 Operator : SY/MD
 Sample : M3622-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:45:23 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)

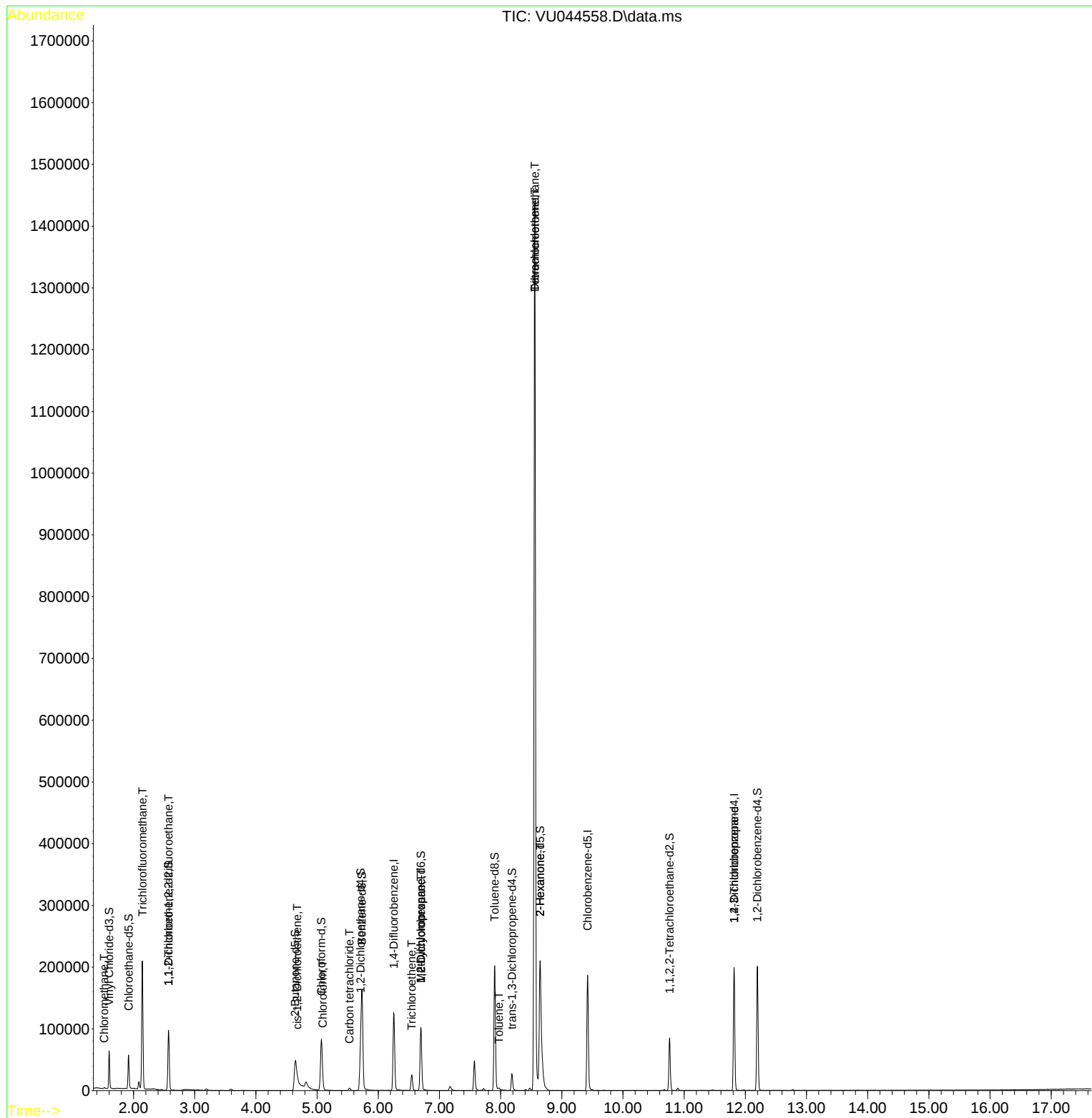
Internal Standards						
1) 1,4-Difluorobenzene	6.254	114	104006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	107112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	53265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42225	5.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.919	69	41380	5.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.572	65	18120	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.643	46	98707	42.430	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.860%
24) Chloroform-d	5.070	84	76625	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.710	65	41959	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.733	84	157710	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.697	67	47891	4.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.903	98	139004	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.186	79	16304	4.705	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.646	63	101879	54.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.740%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	43321	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	53384	5.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						Qvalue
3) Chloromethane	1.521	50	1276	0.091	ug/L	99
9) Trichlorofluoromethane	2.144	101	133737	9.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	916	0.112	ug/L #	23
22) cis-1,2-Dichloroethene	4.675	96	1536	0.173	ug/L	81
25) Chloroform	5.093	83	3511	0.212	ug/L	87
31) Carbon tetrachloride	5.530	117	2682	0.243	ug/L	99
34) Trichloroethene	6.546	95	8810	0.981	ug/L	96
35) Methylcyclohexane	6.697	83	11736	0.783	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5391	0.567	ug/L #	88
42) Toluene	7.974	91	2401	0.063	ug/L	93
47) Tetrachloroethene	8.559	164	325865	52.453	ug/L	97
48) 2-Hexanone	8.646	43	10405	2.257	ug/L #	80
49) Dibromochloromethane	8.559	129	299427	41.697	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6183	0.929	ug/L #	68

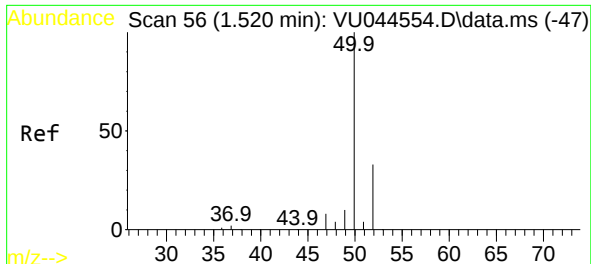
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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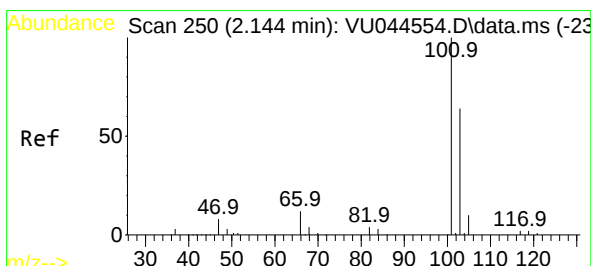
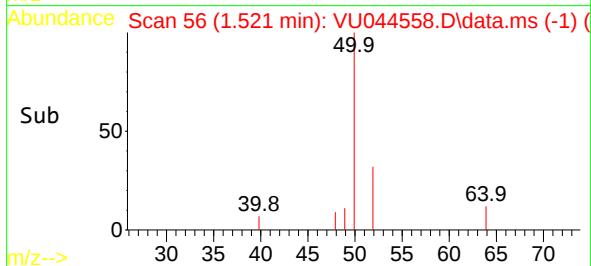
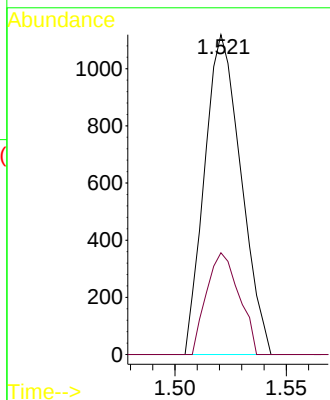
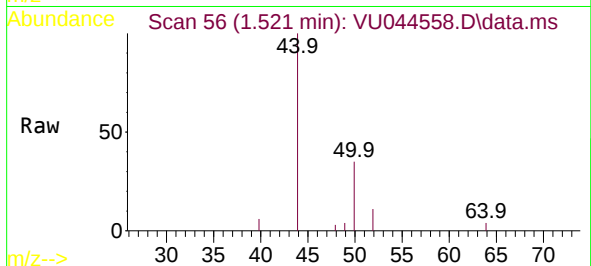




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.521 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

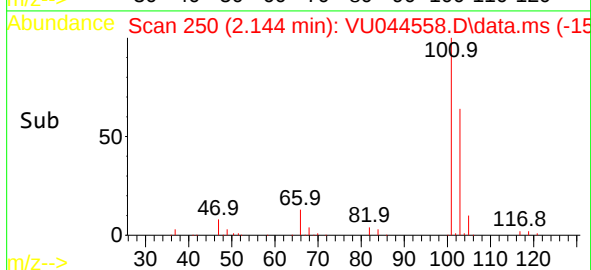
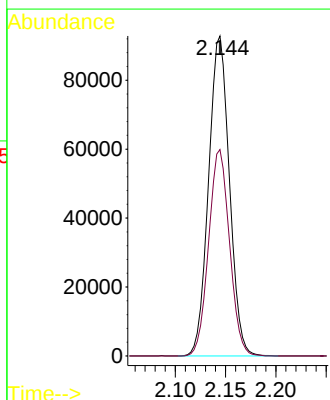
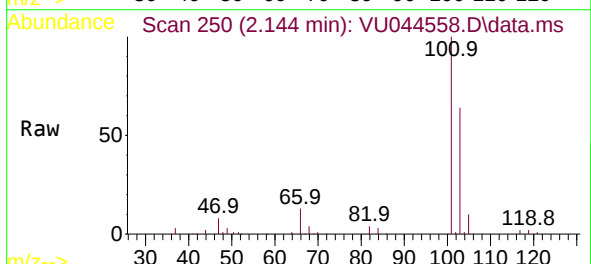
Instrument :
MSVOA_U
ClientSampled :

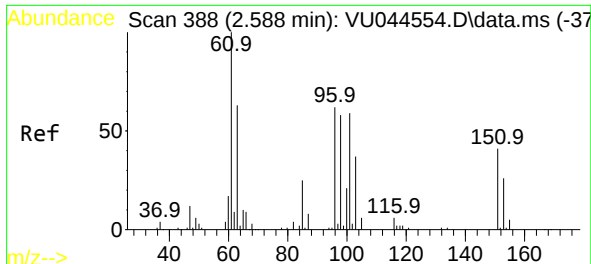
Tgt Ion: 50 Resp: 1276
Ion Ratio Lower Upper
50 100
52 31.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 9.029 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Tgt Ion: 101 Resp: 133737
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

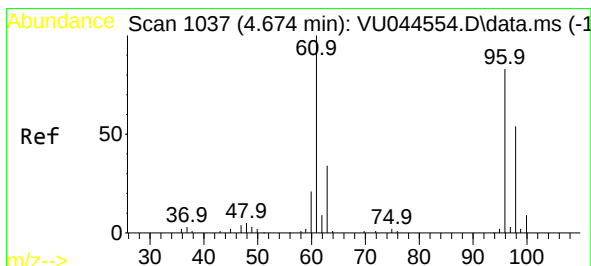
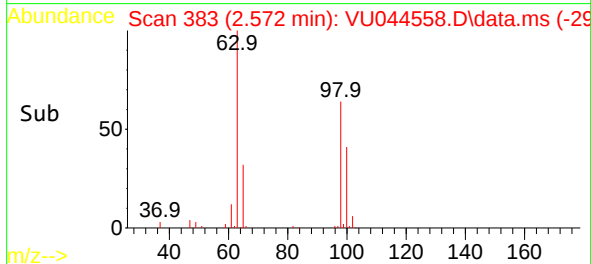
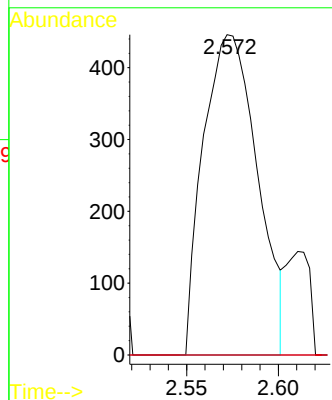
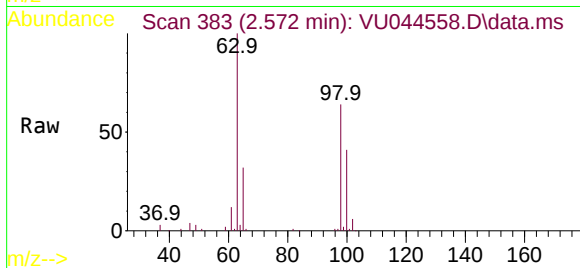




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

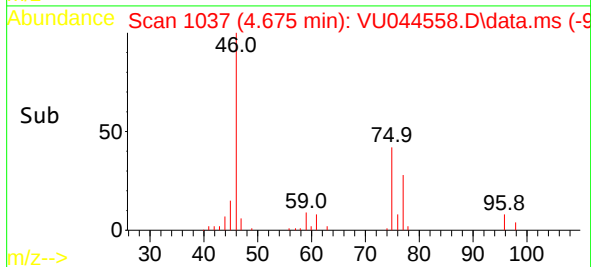
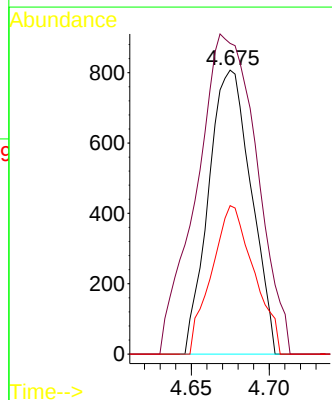
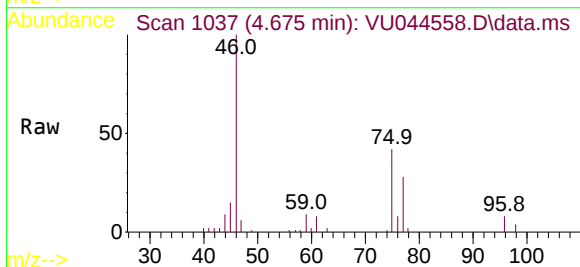
Instrument :
MSVOA_U
ClientSampled :

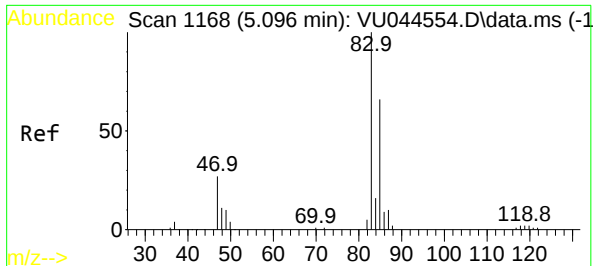
Tgt Ion:101 Resp: 916
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 53.0 79.6#



#22
cis-1,2-Dichloroethene
Concen: 0.173 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Tgt Ion: 96 Resp: 1536
Ion Ratio Lower Upper
96 100
61 109.4 93.9 174.5
98 52.3 44.7 83.1





#25

Chloroform

Concen: 0.212 ug/L

RT: 5.093 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU044558.D

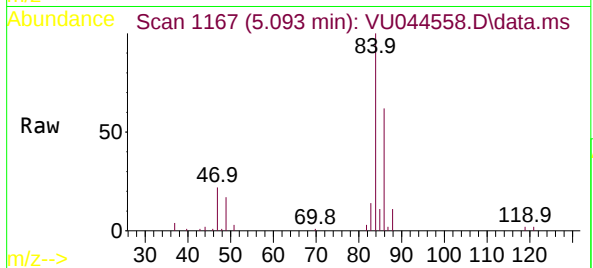
Acq: 02 Sep 2021 17:24

Tgt Ion: 83 Resp: 3511

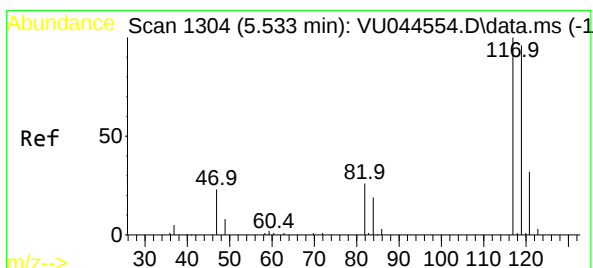
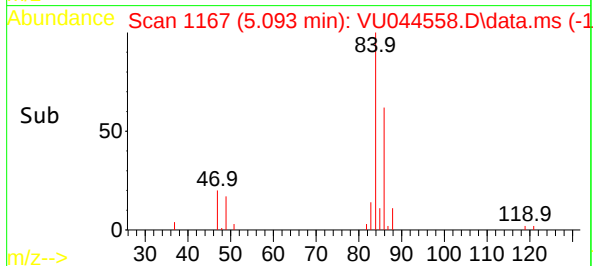
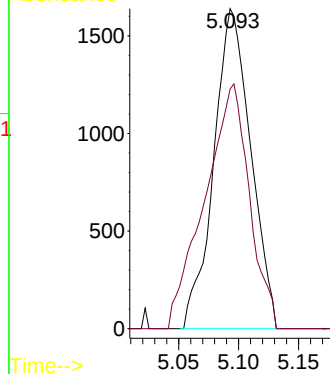
Ion Ratio Lower Upper

83 100

85 74.9 45.3 84.1



Abundance



#31

Carbon tetrachloride

Concen: 0.243 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU044558.D

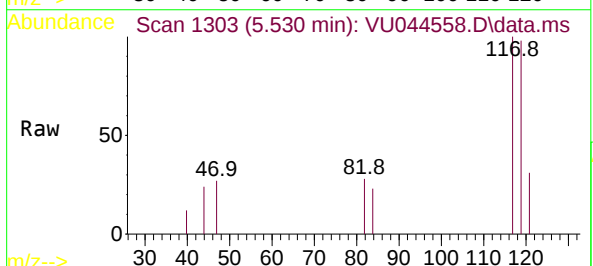
Acq: 02 Sep 2021 17:24

Tgt Ion: 117 Resp: 2682

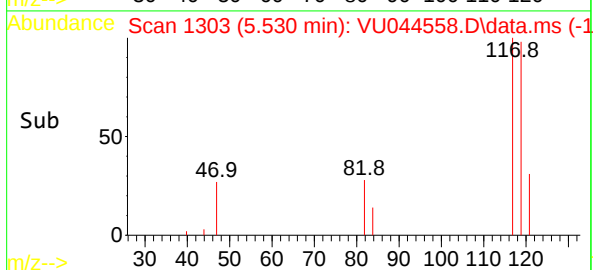
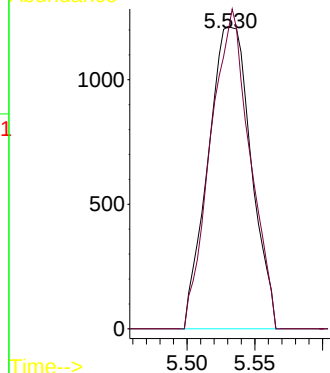
Ion Ratio Lower Upper

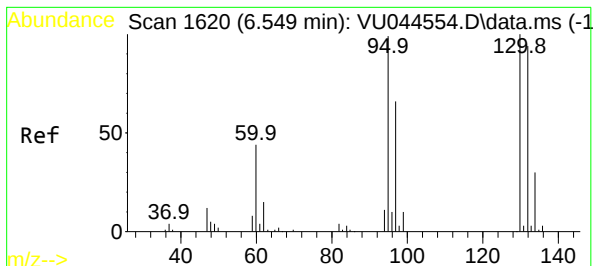
117 100

119 96.8 76.6 114.8



Abundance



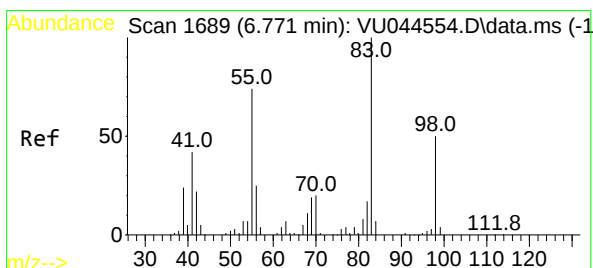
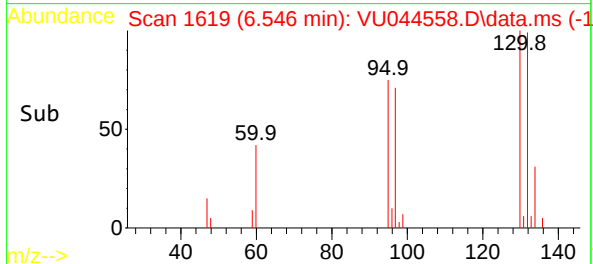
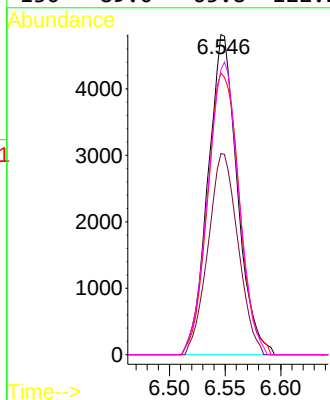
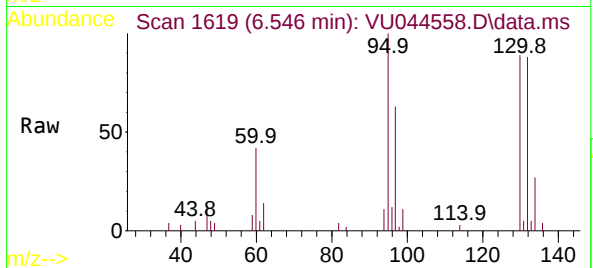


#34
Trichloroethene
Concen: 0.981 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 8810

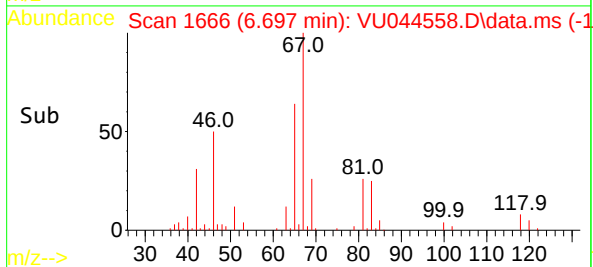
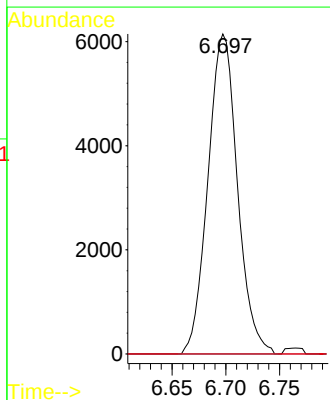
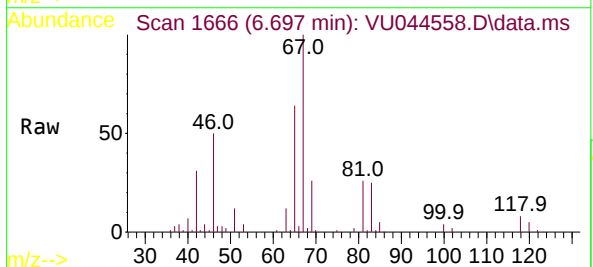
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.6	84.8
132	88.0	63.4	117.8
130	89.0	65.8	122.2

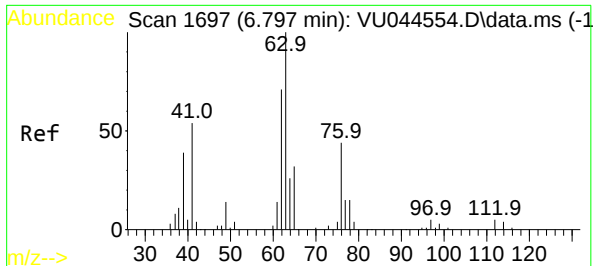


#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Tgt Ion: 83 Resp: 11736

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	2.5	37.5	56.3#

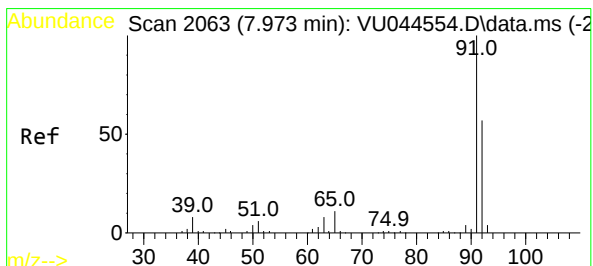
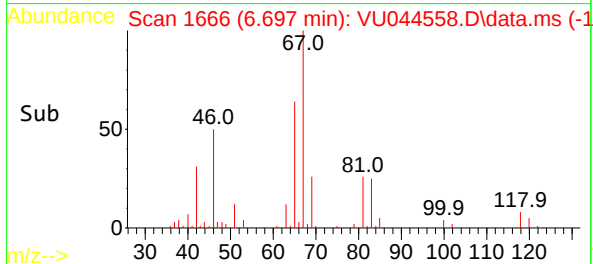
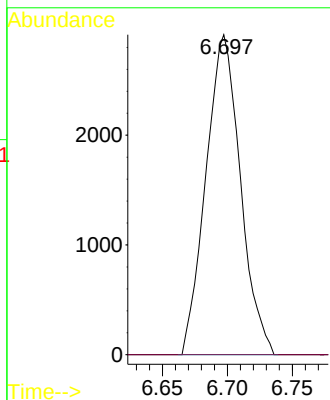
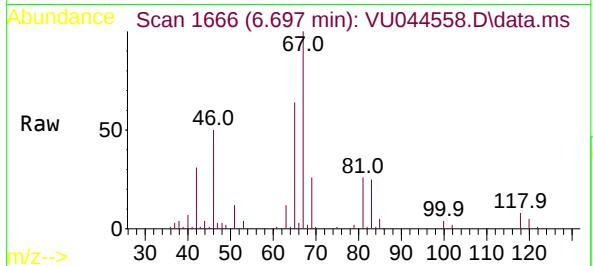




#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.099 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

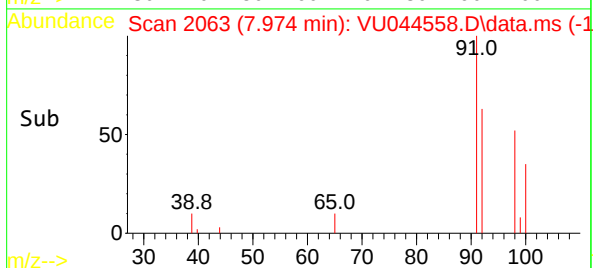
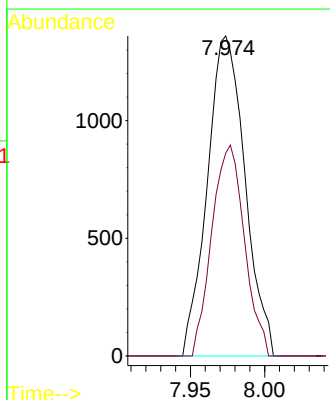
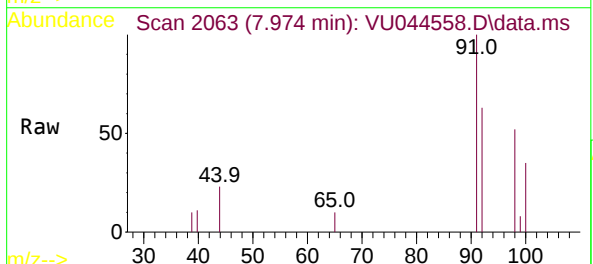
Instrument :
MSVOA_U
ClientSampled :

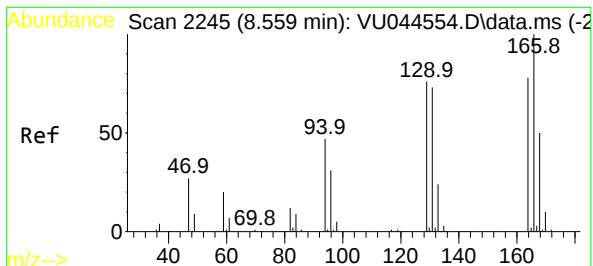
Tgt Ion: 63 Resp: 5391
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.063 ug/L
RT: 7.974 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Tgt Ion: 91 Resp: 2401
Ion Ratio Lower Upper
91 100
92 63.4 40.7 75.5



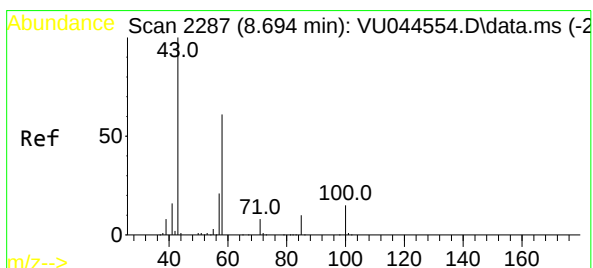
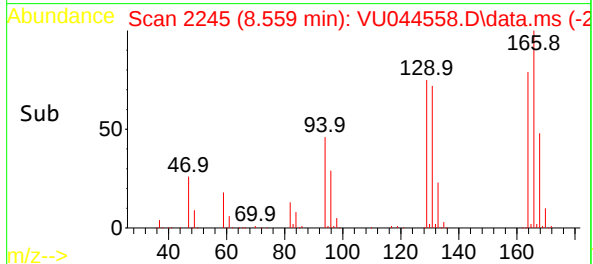
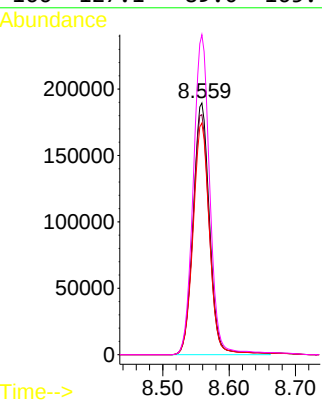
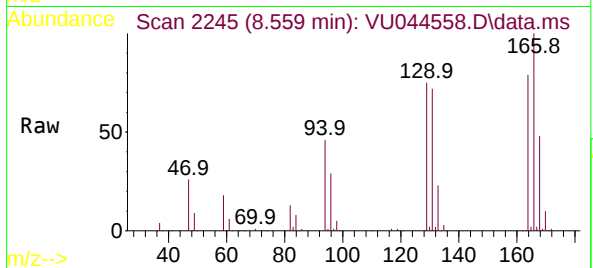


#47
Tetrachloroethene
Concen: 52.453 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:164 Resp: 325865

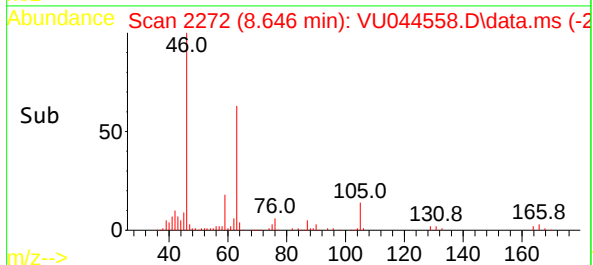
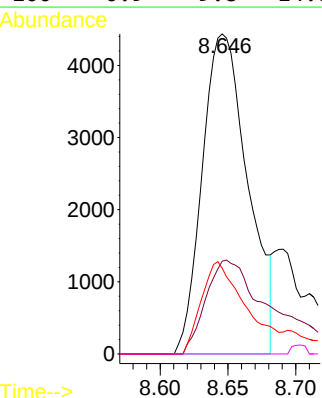
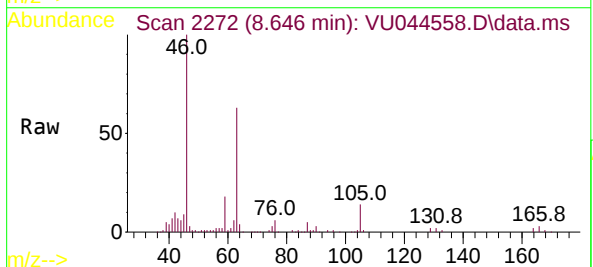
Ion	Ratio	Lower	Upper
164	100		
129	95.3	71.0	131.8
131	92.1	68.0	126.4
166	127.1	89.0	165.4

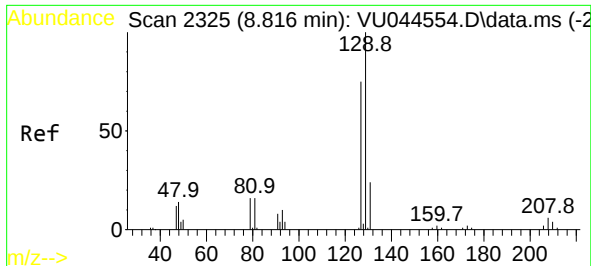


#48
2-Hexanone
Concen: 2.257 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Tgt Ion: 43 Resp: 10405

Ion	Ratio	Lower	Upper
43	100		
58	44.2	46.5	69.7#
57	28.8	15.8	23.8#
100	0.9	9.8	14.8#

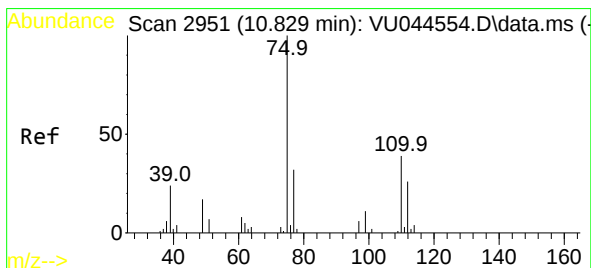
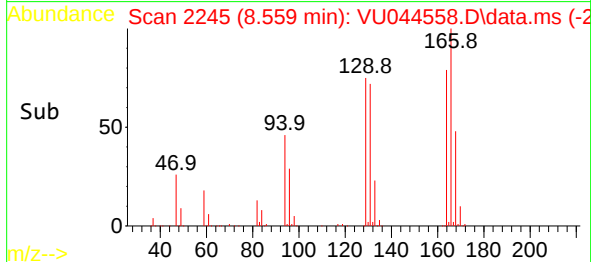
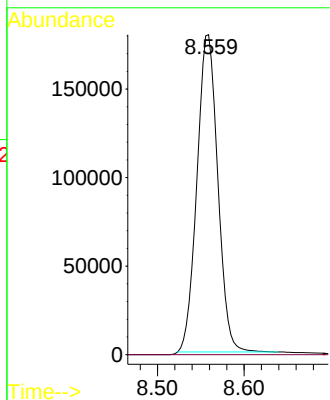
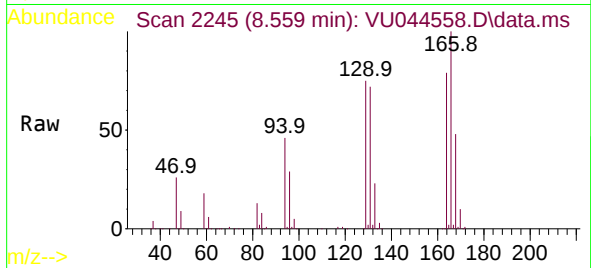




#49
Dibromochloromethane
Concen: 41.697 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:129 Resp: 299427
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



#61
1,2,3-Trichloropropane
Concen: 0.929 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU044558.D
Acq: 02 Sep 2021 17:24

Tgt Ion: 75 Resp: 6183
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 30.8 26.5 39.7

