

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
 Data File : VU044559.D
 Acq On : 02 Sep 2021 17:48
 Operator : SY/MD
 Sample : M3622-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 03 02:45:36 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)

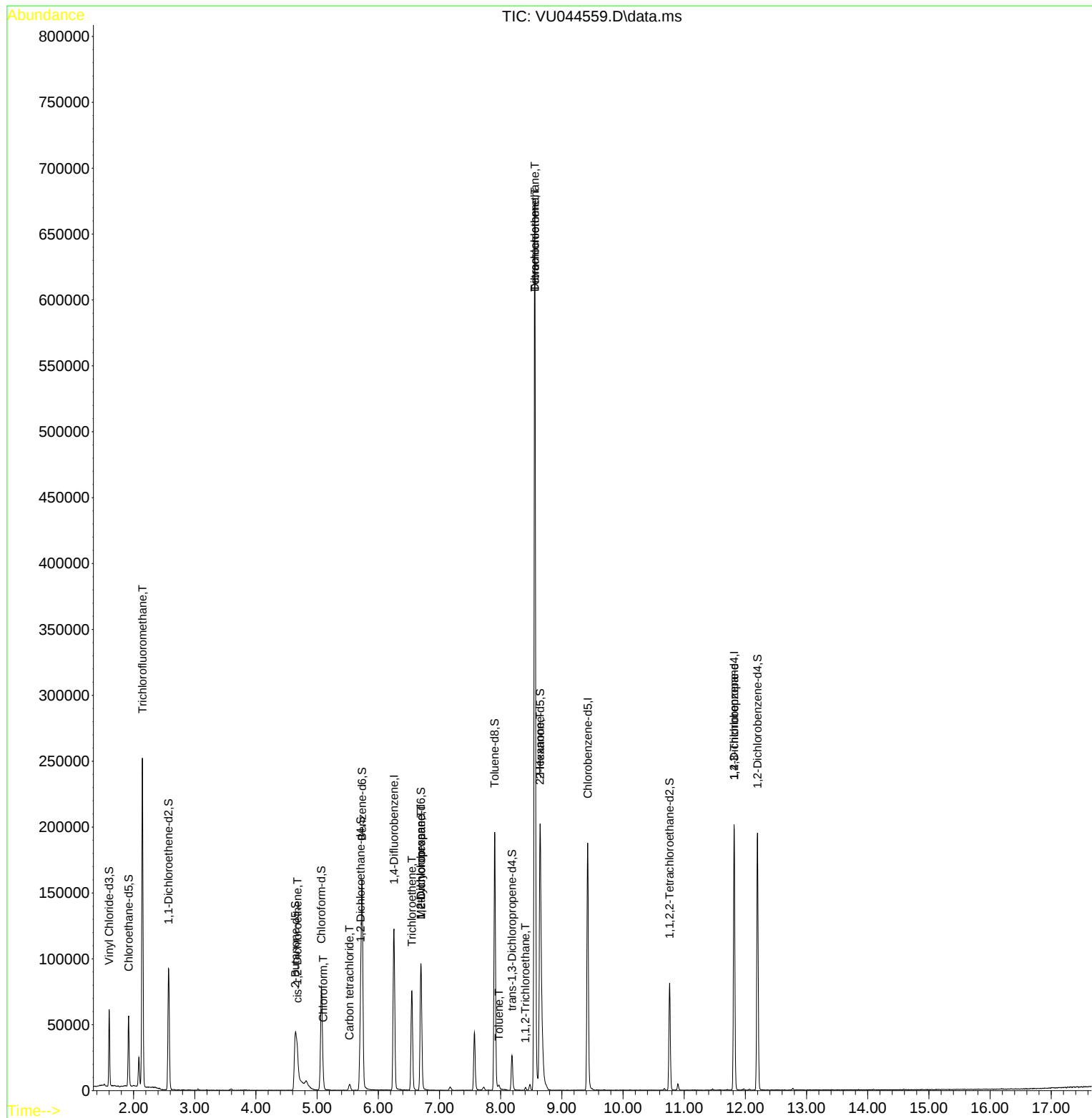
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	104712	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	108865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	53326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40530	4.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.919	69	39933	5.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.572	65	16930	4.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.645	46	103720	44.284	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.560%
24) Chloroform-d	5.070	84	71419	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.710	65	39921	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.735	84	150065	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.697	67	46696	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.903	98	131279	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.185	79	15797	4.485	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.645	63	97898	51.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.800%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41568	5.033	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	51486	5.715	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	160783	10.782	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	8191	0.914	ug/L	85
25) Chloroform	5.099	83	4593	0.275	ug/L	96
31) Carbon tetrachloride	5.530	117	3190	0.285	ug/L	95
34) Trichloroethene	6.549	95	26260	2.876	ug/L	97
35) Methylcyclohexane	6.697	83	10989	0.722	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4955	0.512	ug/L #	88
42) Toluene	7.973	91	2372	0.062	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	776	0.113	ug/L	86
47) Tetrachloroethene	8.558	164	149966	23.751	ug/L	97
48) 2-Hexanone	8.642	43	12651	2.700	ug/L #	64
49) Dibromochloromethane	8.558	129	138864	19.026	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	6492	0.974	ug/L #	68

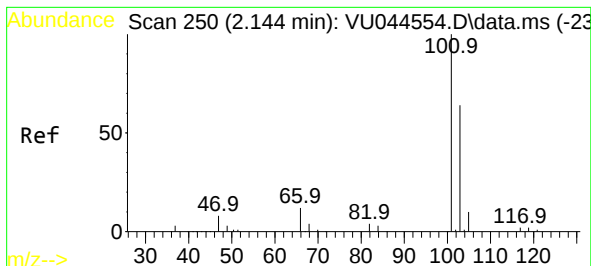
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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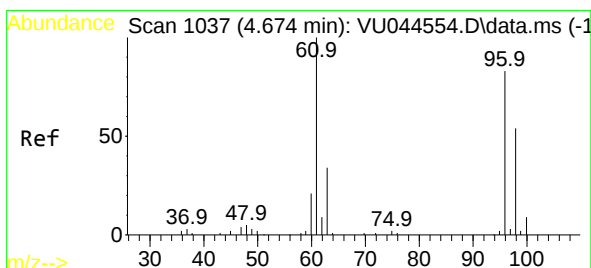
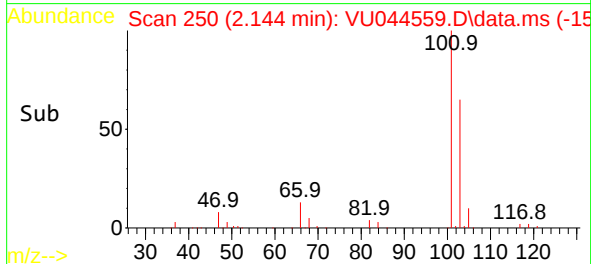
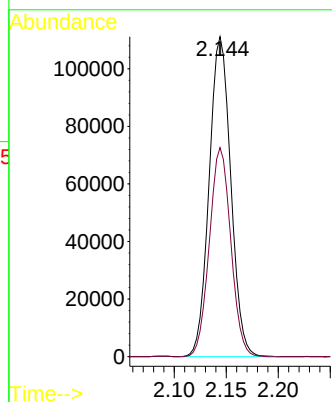
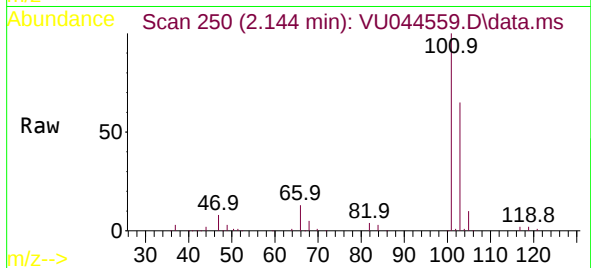


#9

Trichlorofluoromethane
Concen: 10.782 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :

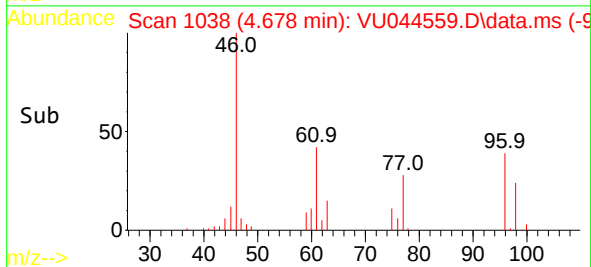
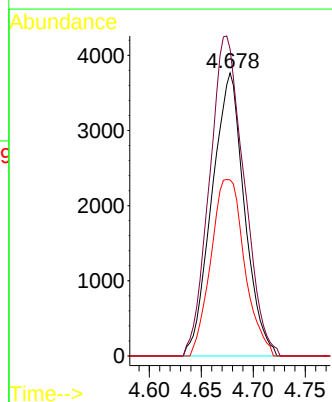
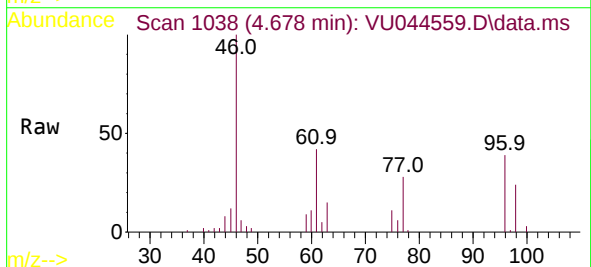
Tgt Ion:101 Resp: 160783
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

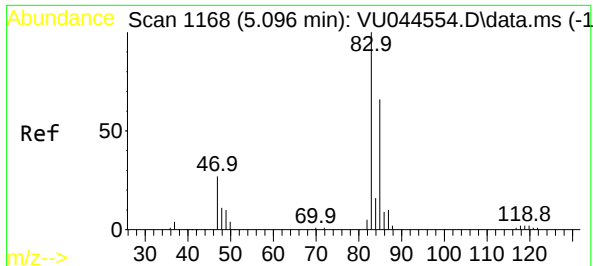


#22

cis-1,2-Dichloroethene
Concen: 0.914 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Tgt Ion: 96 Resp: 8191
Ion Ratio Lower Upper
96 100
61 108.4 93.9 174.5
98 62.2 44.7 83.1





#25

Chloroform

Concen: 0.275 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU044559.D

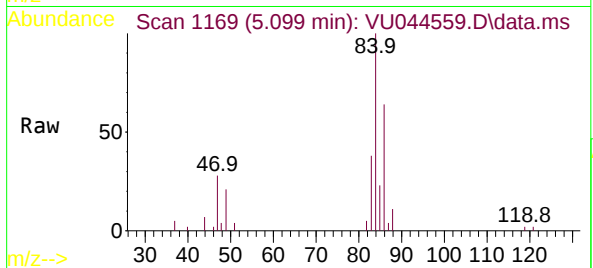
Acq: 02 Sep 2021 17:48

Tgt Ion: 83 Resp: 4593

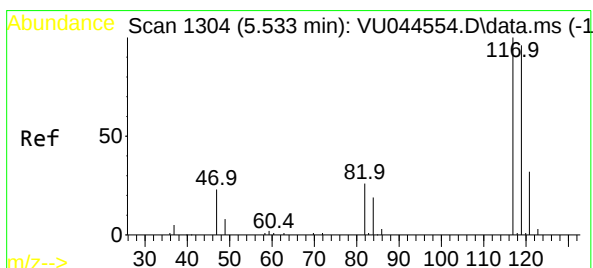
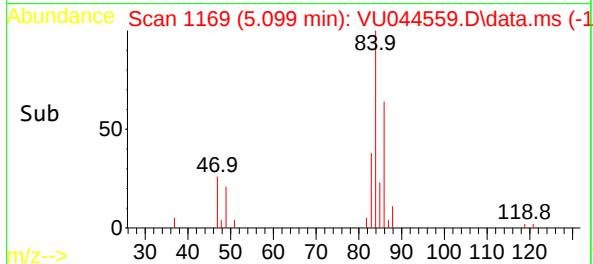
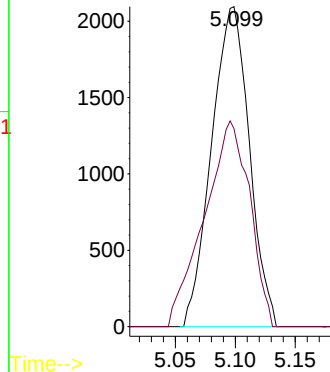
Ion Ratio Lower Upper

83 100

85 61.9 45.3 84.1



Abundance



#31

Carbon tetrachloride

Concen: 0.285 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.003 min

Lab File: VU044559.D

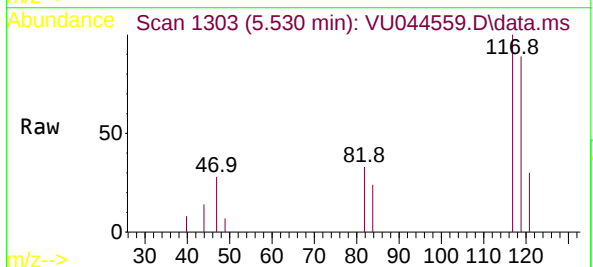
Acq: 02 Sep 2021 17:48

Tgt Ion: 117 Resp: 3190

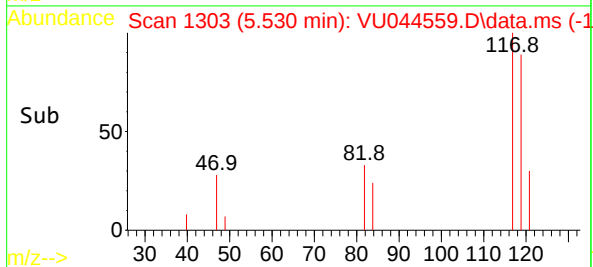
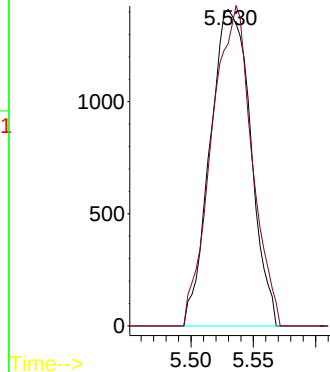
Ion Ratio Lower Upper

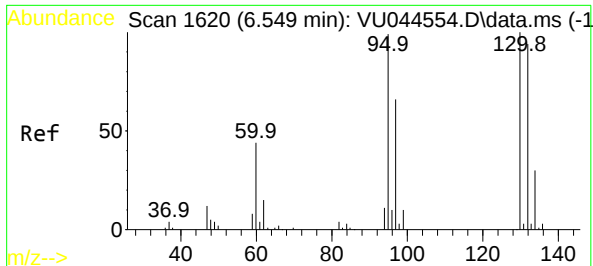
117 100

119 100.3 76.6 114.8



Abundance



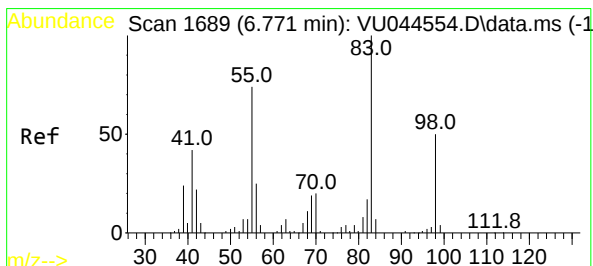
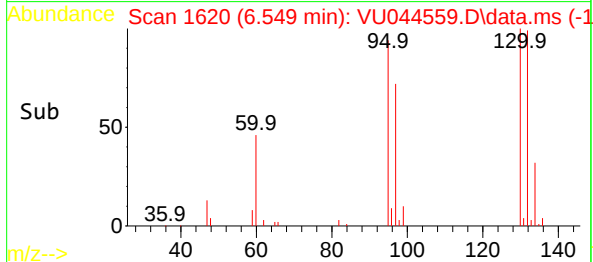
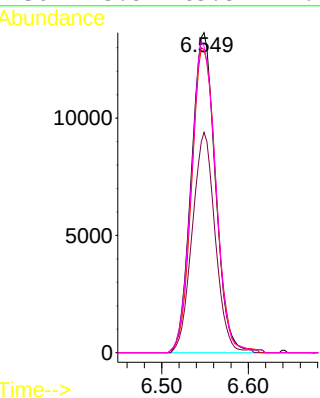
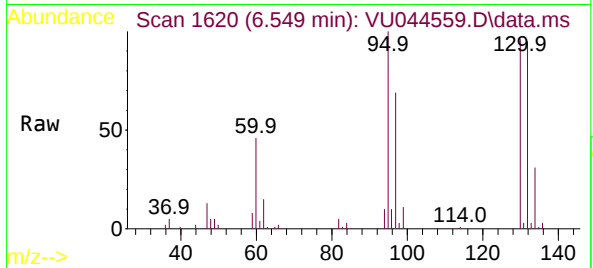


#34
Trichloroethene
Concen: 2.876 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 26260

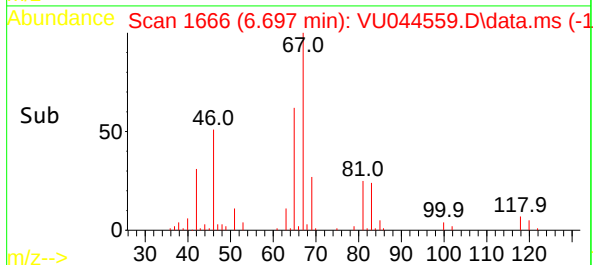
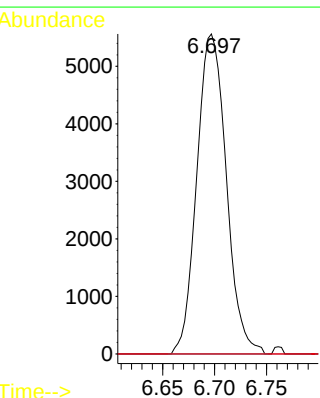
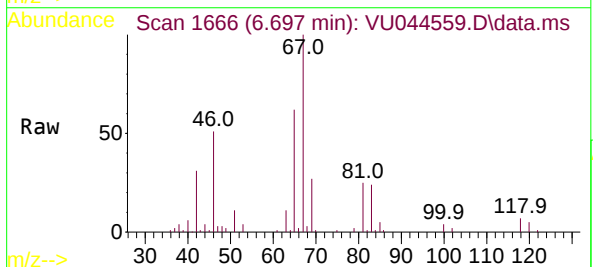
Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.6	84.8
132	94.7	63.4	117.8
130	95.8	65.8	122.2

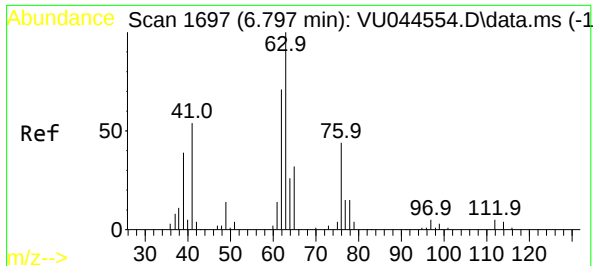


#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Tgt Ion: 83 Resp: 10989

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.5	37.5	56.3#



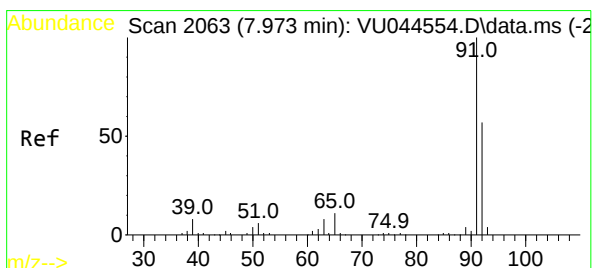
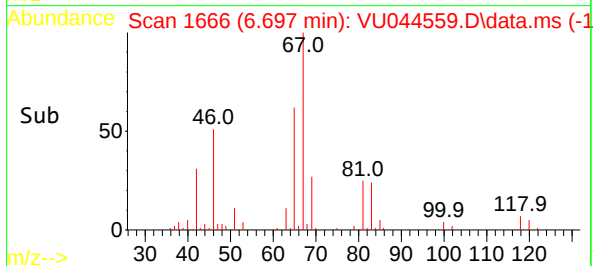
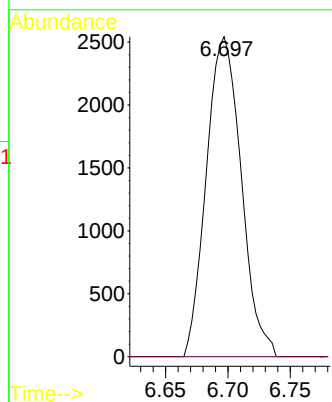
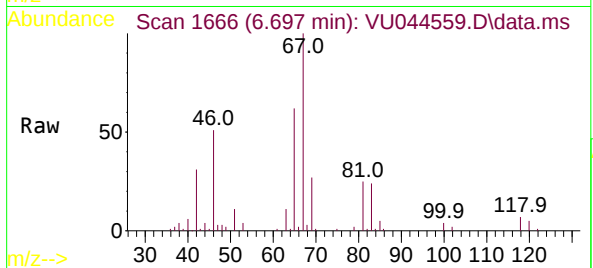


#37

1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Instrument :
MSVOA_U
ClientSampled :

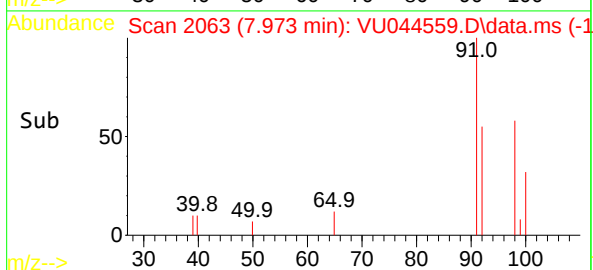
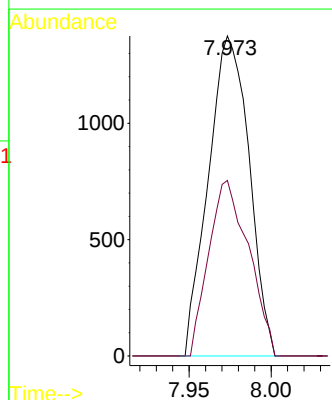
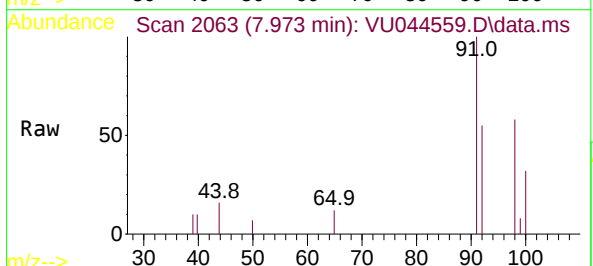
Tgt Ion: 63 Resp: 4955
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

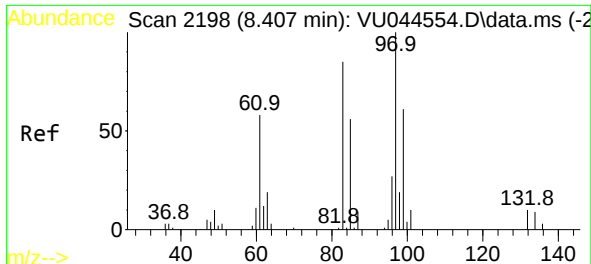


#42

Toluene
Concen: 0.062 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Tgt Ion: 91 Resp: 2372
Ion Ratio Lower Upper
91 100
92 54.8 40.7 75.5



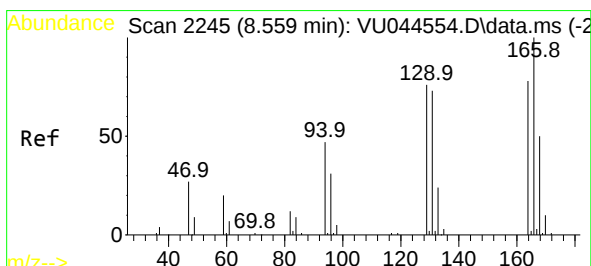
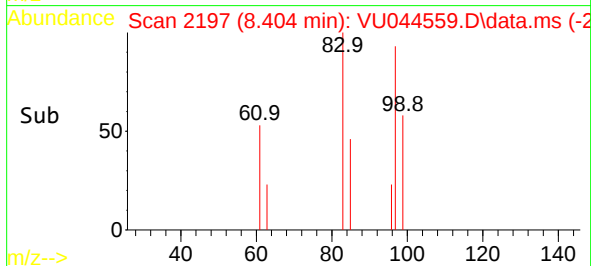
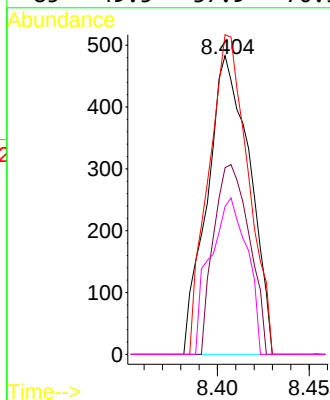
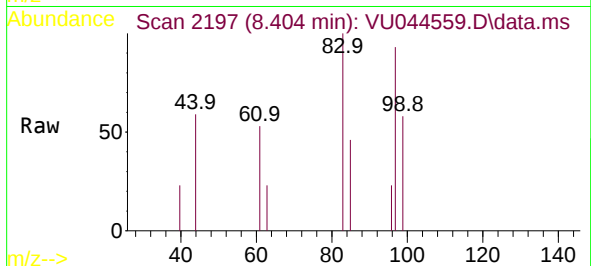


#45
1,1,2-Trichloroethane
Concen: 0.113 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 776

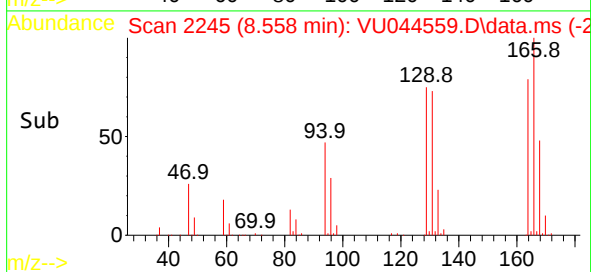
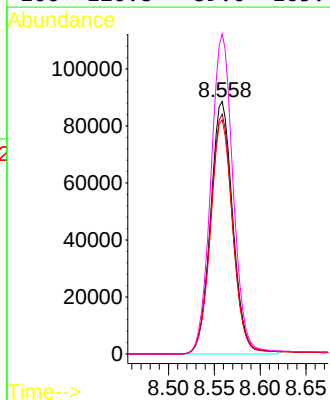
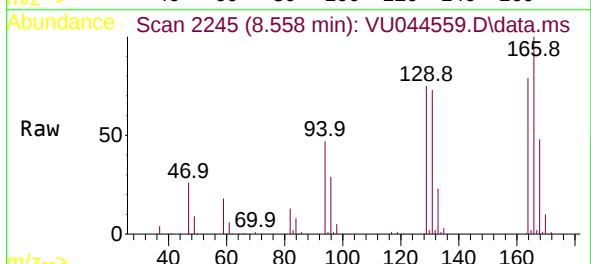
Ion	Ratio	Lower	Upper
97	100		
99	62.5	41.3	76.7
83	107.0	58.6	108.8
85	49.5	37.9	70.5

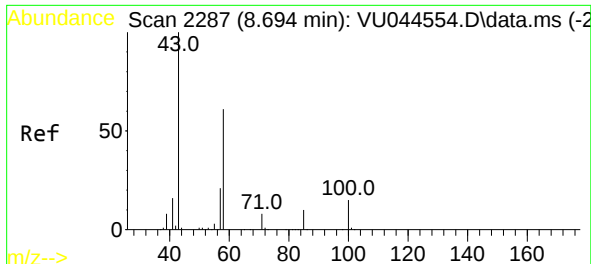


#47
Tetrachloroethene
Concen: 23.751 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

Tgt Ion: 164 Resp: 149966

Ion	Ratio	Lower	Upper
164	100		
129	95.0	71.0	131.8
131	92.7	68.0	126.4
166	126.8	89.0	165.4

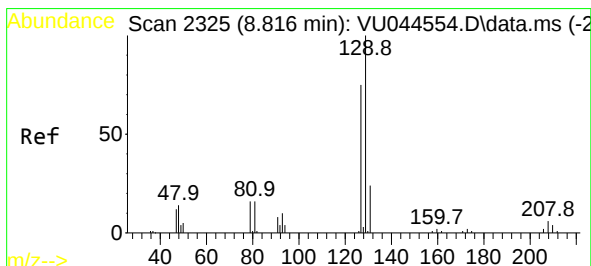
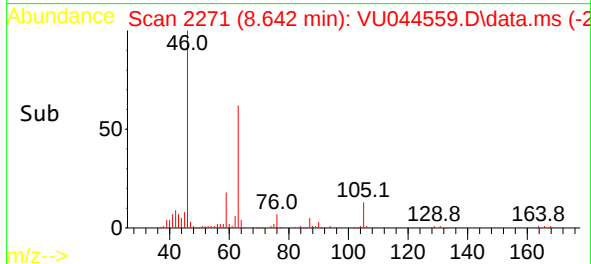
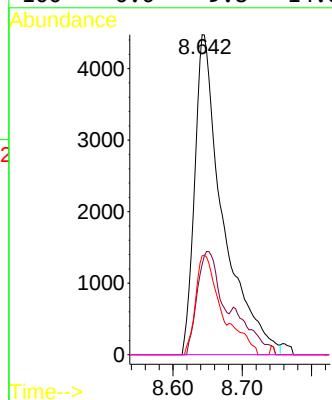
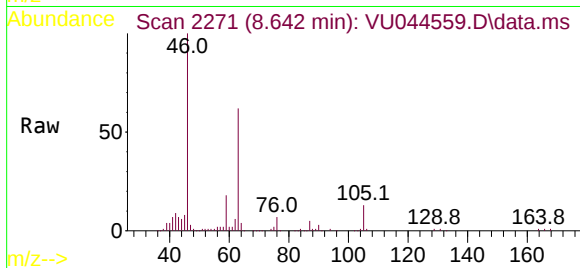




#48
2-Hexanone
Concen: 2.700 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.051 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

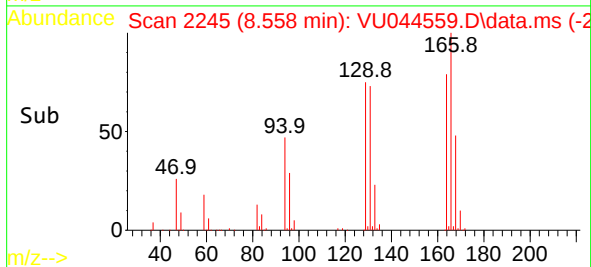
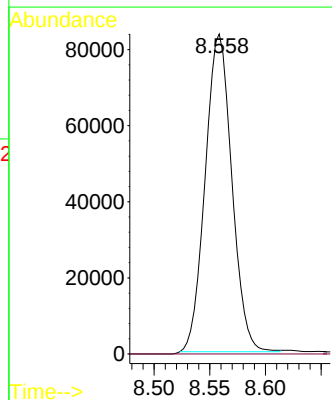
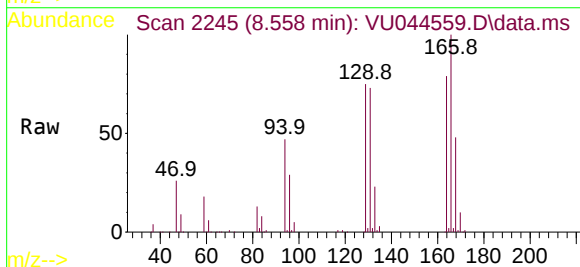
Instrument :
MSVOA_U
ClientSampleId :

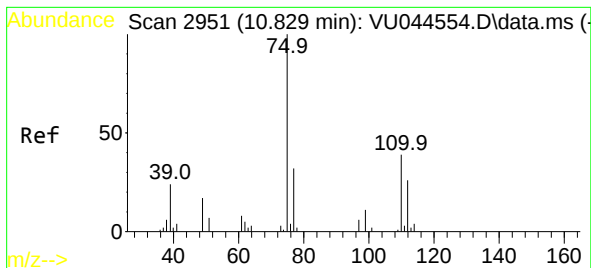
Tgt Ion:	43	Resp:	12651
Ion	Ratio	Lower	Upper
43	100		
58	26.4	46.5	69.7#
57	29.3	15.8	23.8#
100	0.0	9.8	14.8#



#49
Dibromochloromethane
Concen: 19.026 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU044559.D
Acq: 02 Sep 2021 17:48

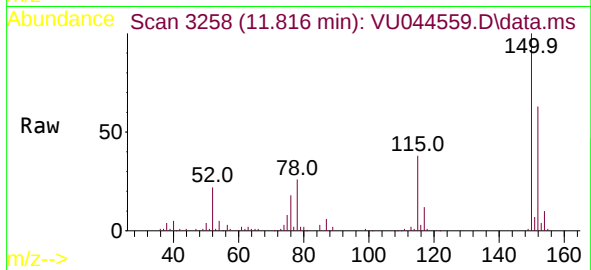
Tgt Ion:	129	Resp:	138864
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.974 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU044559.D
 Acq: 02 Sep 2021 17:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6492
 Ion Ratio Lower Upper
 75 100
 110 1.0 28.4 42.6#
 77 31.9 26.5 39.7

