

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451183.D
 Acq On : 06 Oct 2021 14:15
 Operator : SY/MD
 Sample : M3996-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:02:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

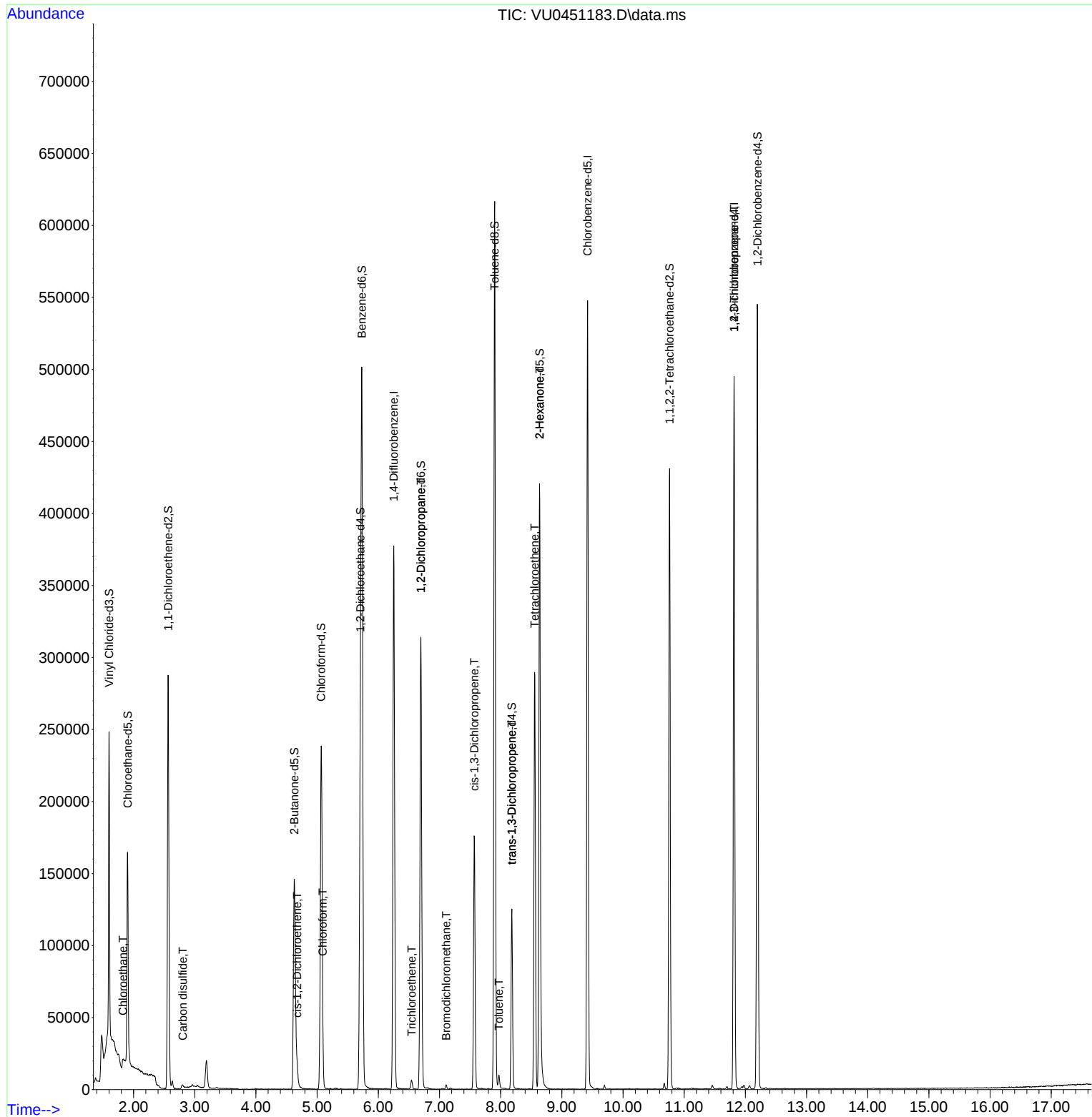
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	293663	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	122349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	142223	44.241	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.480%
7) Chloroethane-d5	1.903	69	114600	44.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.980%
11) 1,1-Dichloroethene-d2	2.565	63	174747	32.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.740%
21) 2-Butanone-d5	4.626	46	204815	80.588	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.590%
24) Chloroform-d	5.067	84	215011	42.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.700%
26) 1,2-Dichloroethane-d4	5.707	65	151843	44.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
32) Benzene-d6	5.732	84	447537	46.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.697	67	143896	45.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	7.903	98	389545	46.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.182	79	64778	46.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.000%
47) 2-Hexanone-d5	8.636	63	146371	83.440	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211984	43.006	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.020%
66) 1,2-Dichlorobenzene-d4	12.198	152	134287	50.434	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.860%
Target Compounds						Qvalue
8) Chloroethane	1.826	64	4045	1.877	ug/L #	53
14) Carbon disulfide	2.803	76	5900	0.810	ug/L #	91
20) cis-1,2-Dichloroethene	4.675	96	5742	2.175	ug/L	87
25) Chloroform	5.093	83	2771	0.559	ug/L	87
34) Trichloroethene	6.546	95	1739	0.698	ug/L	89
37) 1,2-Dichloropropane	6.697	63	16203	5.735	ug/L #	88
38) Bromodichloromethane	7.109	83	2008	0.580	ug/L #	98
39) cis-1,3-Dichloropropene	7.568	75	4278	1.058	ug/L #	60
42) Toluene	7.973	91	6019	0.571	ug/L	94
44) trans-1,3-Dichloropropene	8.182	75	2804	0.729	ug/L #	69
46) Tetrachloroethene	8.555	164	60166	33.773	ug/L	98
48) 2-Hexanone	8.636	43	17716	4.233	ug/L #	69
60) 1,2,3-Trichloropropane	11.816	75	16013	4.732	ug/L #	66

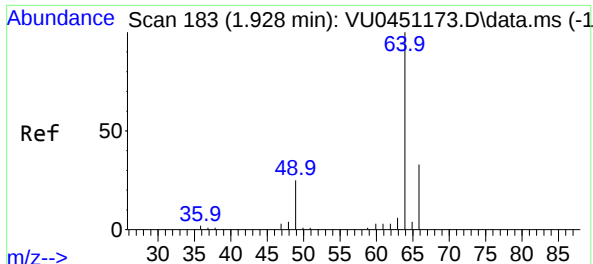
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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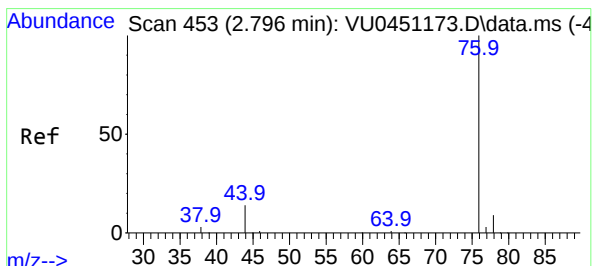
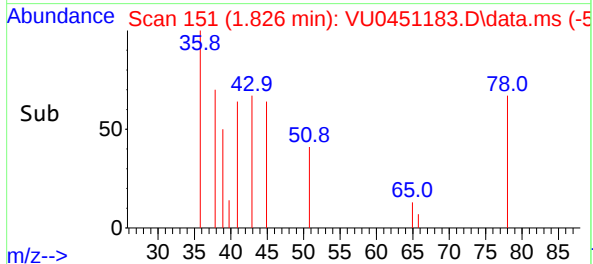
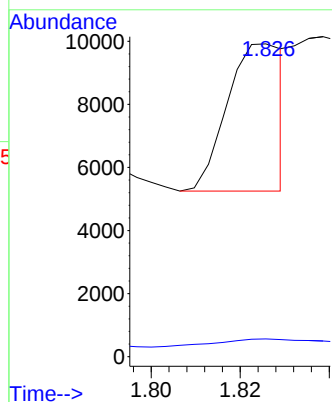
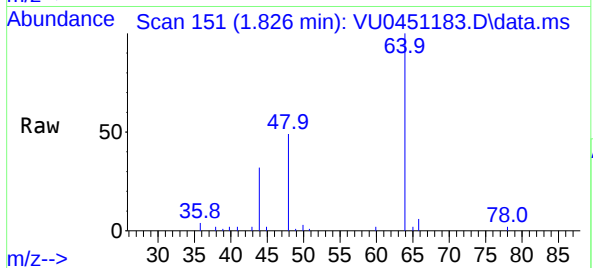




#8
Chloroethane
Concen: 1.877 ug/L
RT: 1.826 min Scan# 151
Delta R.T. -0.103 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

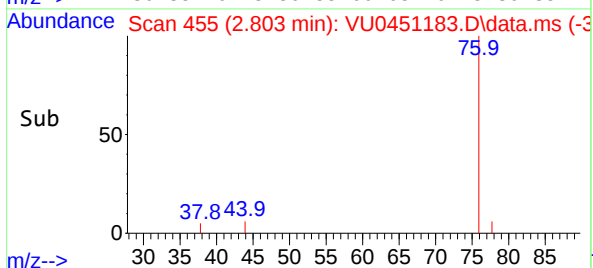
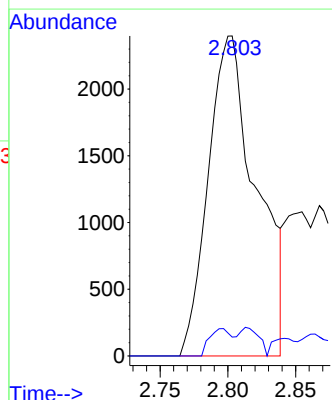
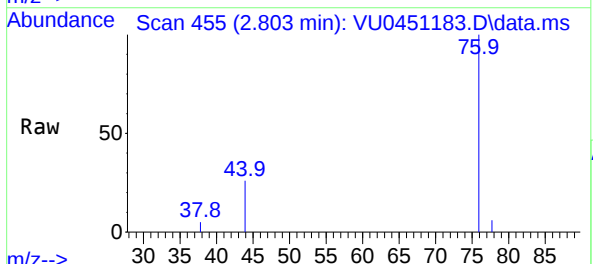
Instrument :
MSVOA_U
ClientSampled :

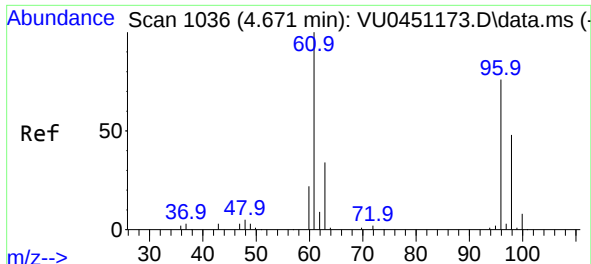
Tgt Ion: 64 Resp: 4045
Ion Ratio Lower Upper
64 100
66 5.7 22.3 41.3#



#14
Carbon disulfide
Concen: 0.810 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.007 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 76 Resp: 5900
Ion Ratio Lower Upper
76 100
78 5.9 7.3 10.9#



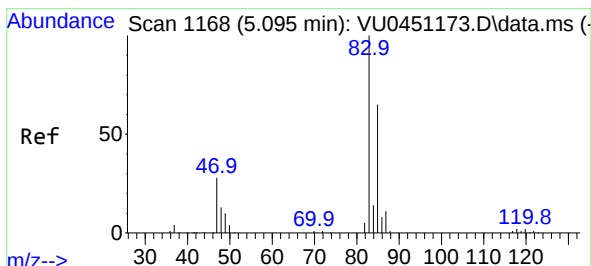
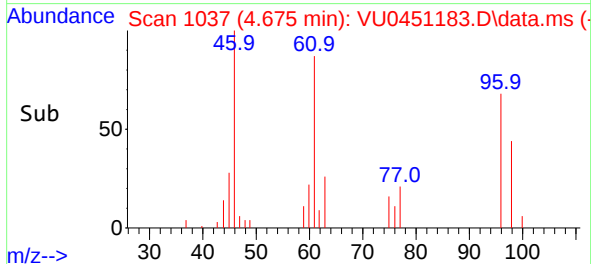
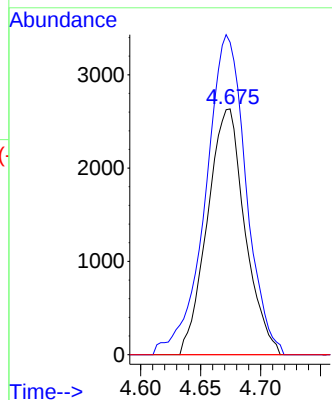
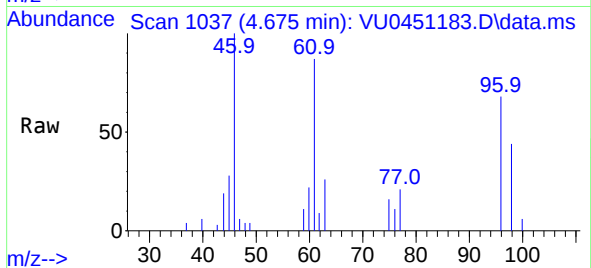


#20
 cis-1,2-Dichloroethene
 Concen: 2.175 ug/L
 RT: 4.675 min Scan# 1037
 Delta R.T. 0.004 min
 Lab File: VU0451183.D
 Acq: 06 Oct 2021 14:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 5742

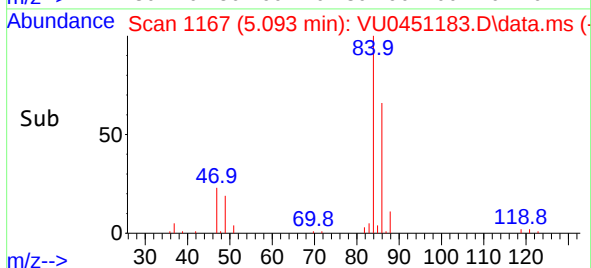
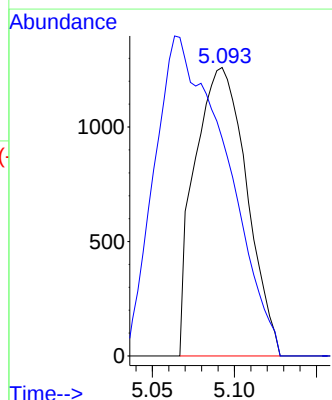
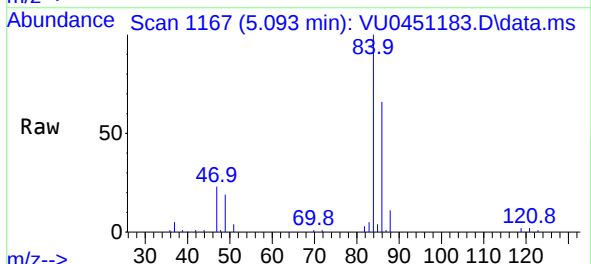
Ion	Ratio	Lower	Upper
96	100		
61	127.1	100.2	186.0
68	0.0	0.0	0.0

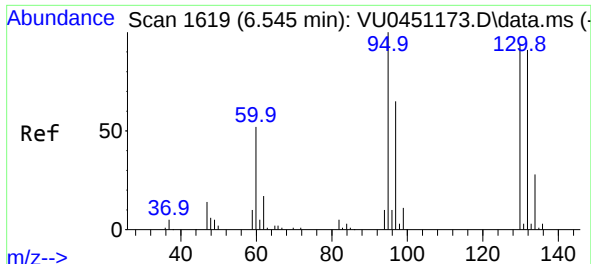


#25
 Chloroform
 Concen: 0.559 ug/L
 RT: 5.093 min Scan# 1167
 Delta R.T. -0.003 min
 Lab File: VU0451183.D
 Acq: 06 Oct 2021 14:15

Tgt Ion: 83 Resp: 2771

Ion	Ratio	Lower	Upper
83	100		
85	75.5	45.6	84.6

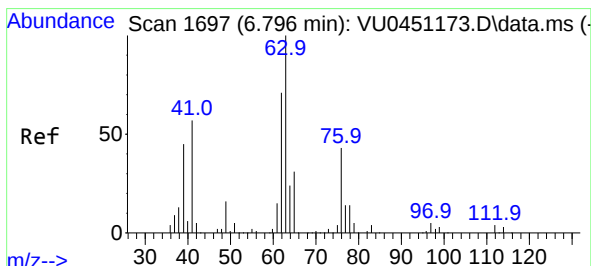
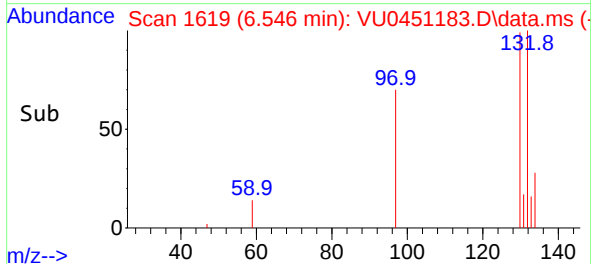
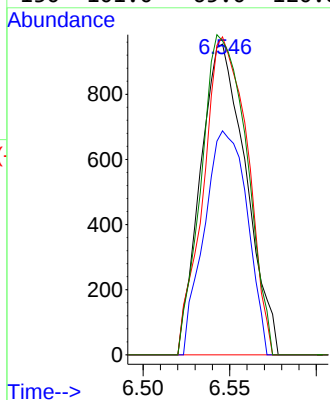
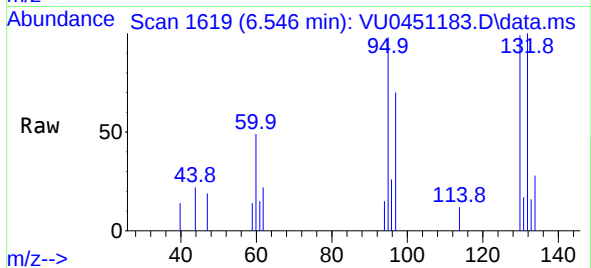




#34
Trichloroethene
Concen: 0.698 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

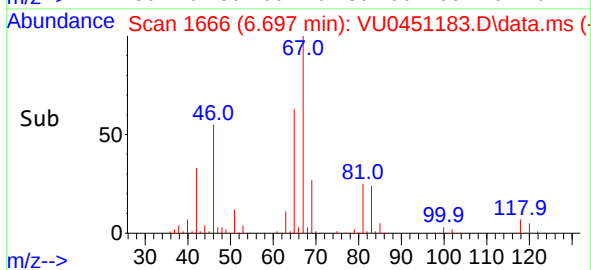
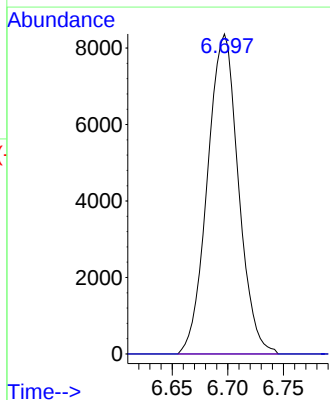
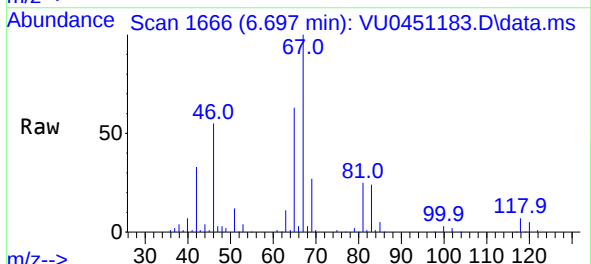
Instrument :
MSVOA_U
ClientSampled :

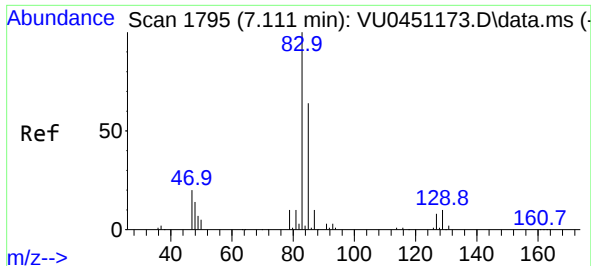
Tgt Ion: 95 Resp: 1739
Ion Ratio Lower Upper
95 100
97 72.1 44.4 82.4
132 102.3 62.9 116.9
130 101.0 65.0 120.8



#37
1,2-Dichloropropane
Concen: 5.735 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.099 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 63 Resp: 16203
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

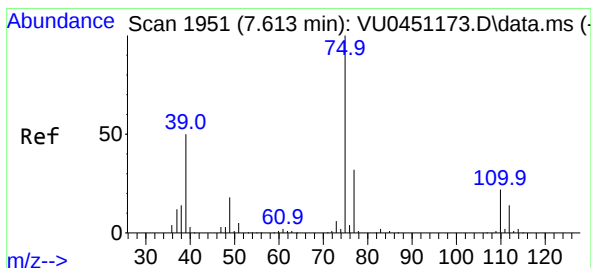
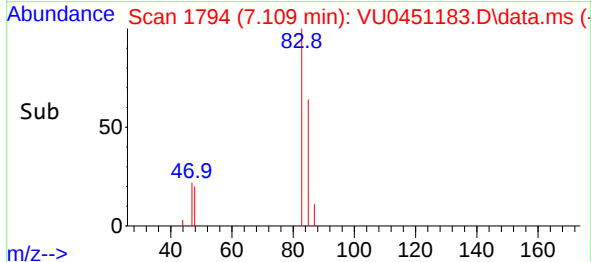
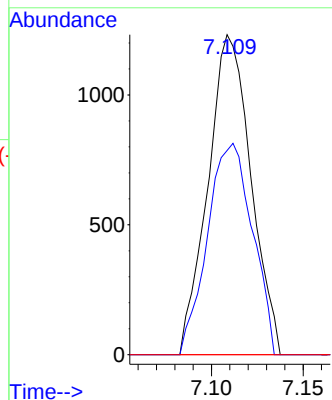
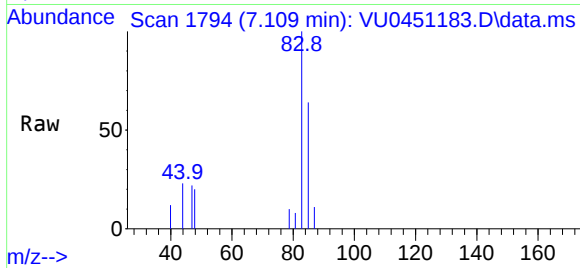




#38
Bromodichloromethane
Concen: 0.580 ug/L
RT: 7.109 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

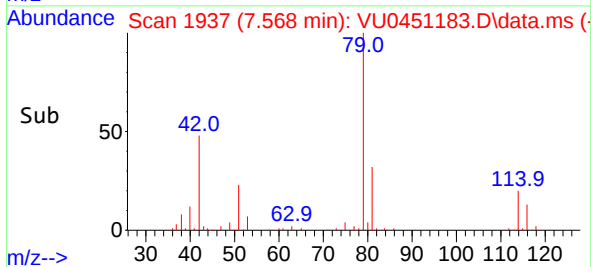
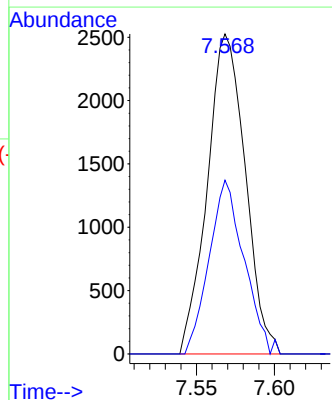
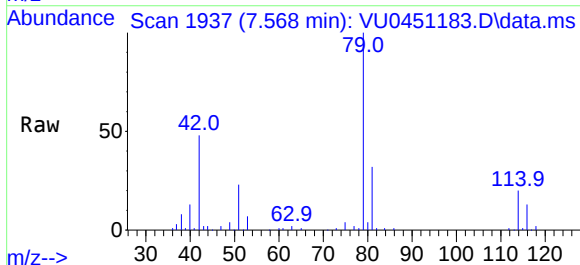
Instrument :
MSVOA_U
ClientSampled :

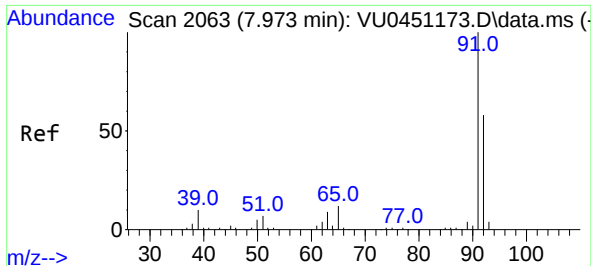
Tgt Ion: 83 Resp: 2008
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8
127 0.0 6.2 9.2#



#39
cis-1,3-Dichloropropene
Concen: 1.058 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 75 Resp: 4278
Ion Ratio Lower Upper
75 100
77 54.3 22.4 41.6#

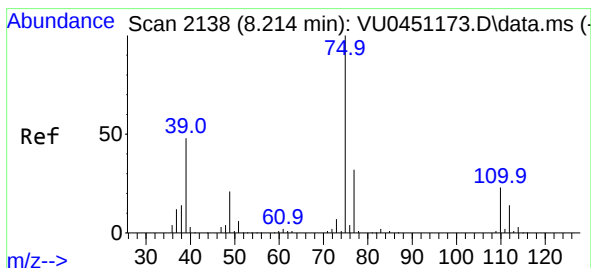
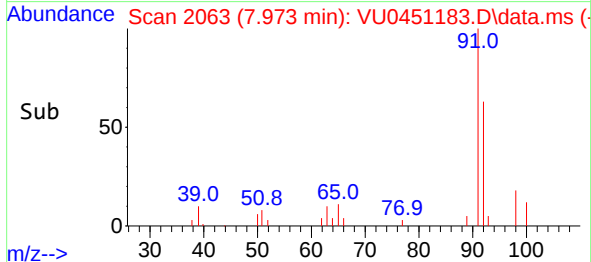
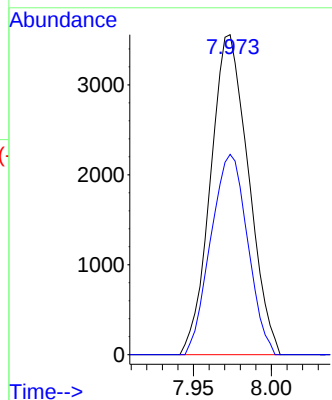
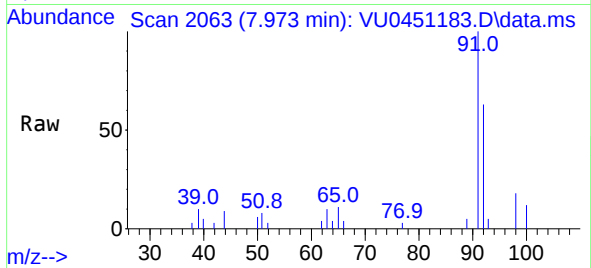




#42
Toluene
Concen: 0.571 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

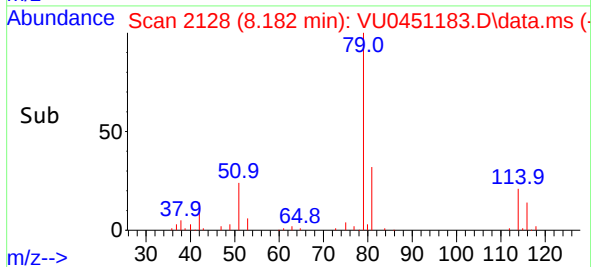
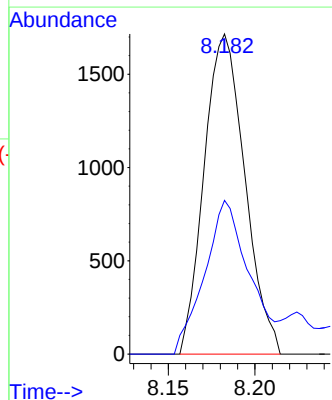
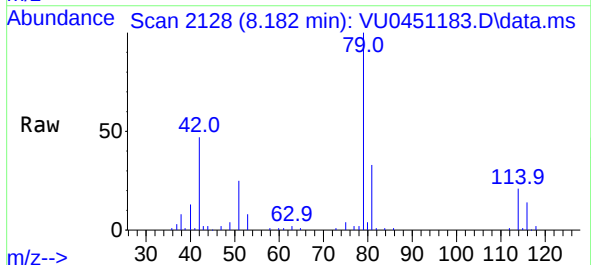
Instrument :
MSVOA_U
ClientSampled :

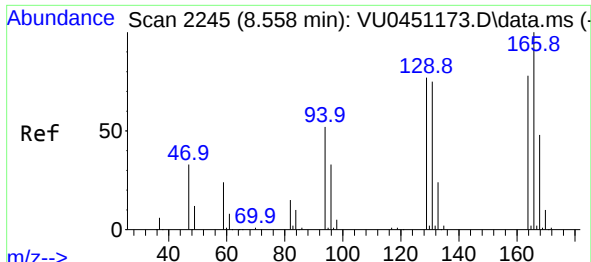
Tgt Ion: 91 Resp: 6019
Ion Ratio Lower Upper
91 100
92 62.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 75 Resp: 2804
Ion Ratio Lower Upper
75 100
77 48.0 21.7 40.3#



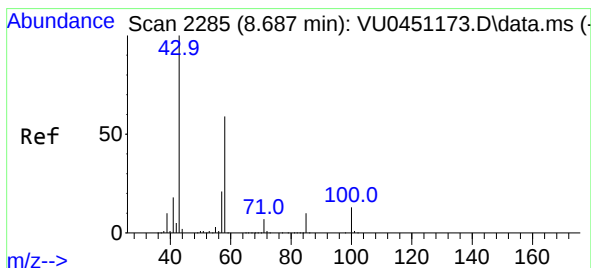
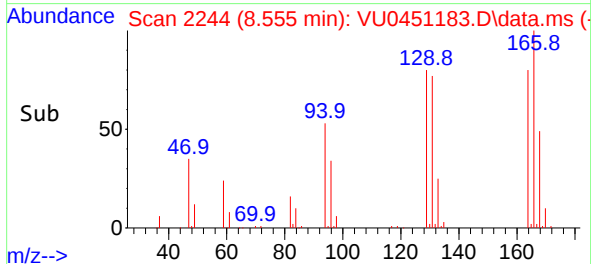
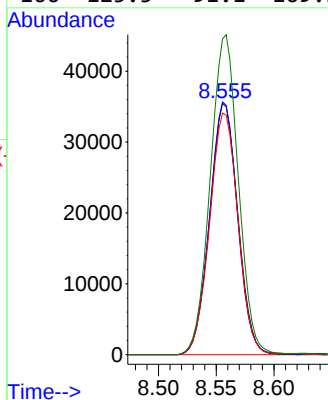
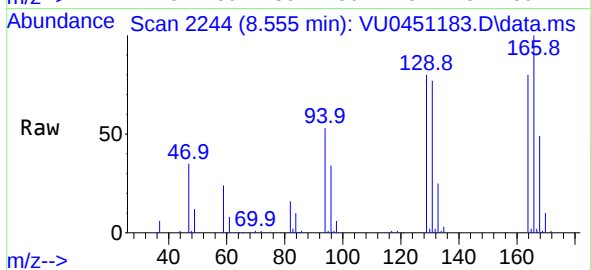


#46
Tetrachloroethene
Concen: 33.773 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 60166

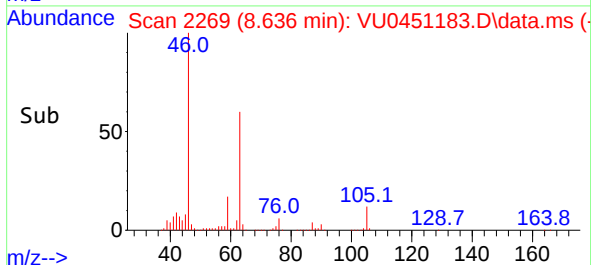
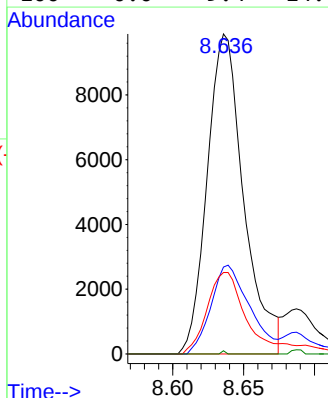
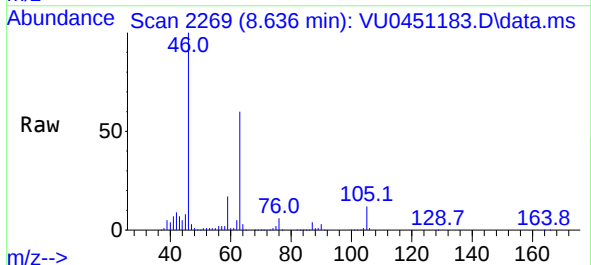
Ion	Ratio	Lower	Upper
164	100		
129	100.5	69.8	129.6
131	96.1	66.4	123.2
166	125.5	91.1	169.3

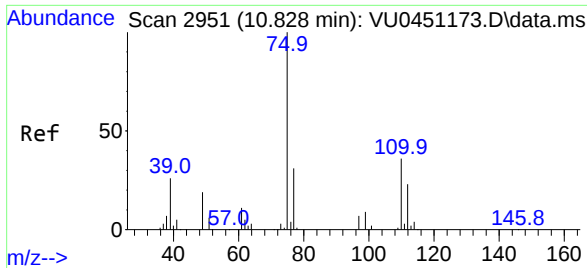


#48
2-Hexanone
Concen: 4.233 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.051 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Tgt Ion: 43 Resp: 17716

Ion	Ratio	Lower	Upper
43	100		
58	29.5	44.9	67.3#
57	26.3	15.5	23.3#
100	0.0	9.4	14.0#





#60
1,2,3-Trichloropropane
Concen: 4.732 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU0451183.D
Acq: 06 Oct 2021 14:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 16013
Ion Ratio Lower Upper
75 100
77 34.0 25.5 38.3
110 1.0 29.0 43.4#

