

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043121.D
 Acq On : 15 Apr 2021 15:19
 Operator : SY/MD
 Sample : M1986-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:36:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

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

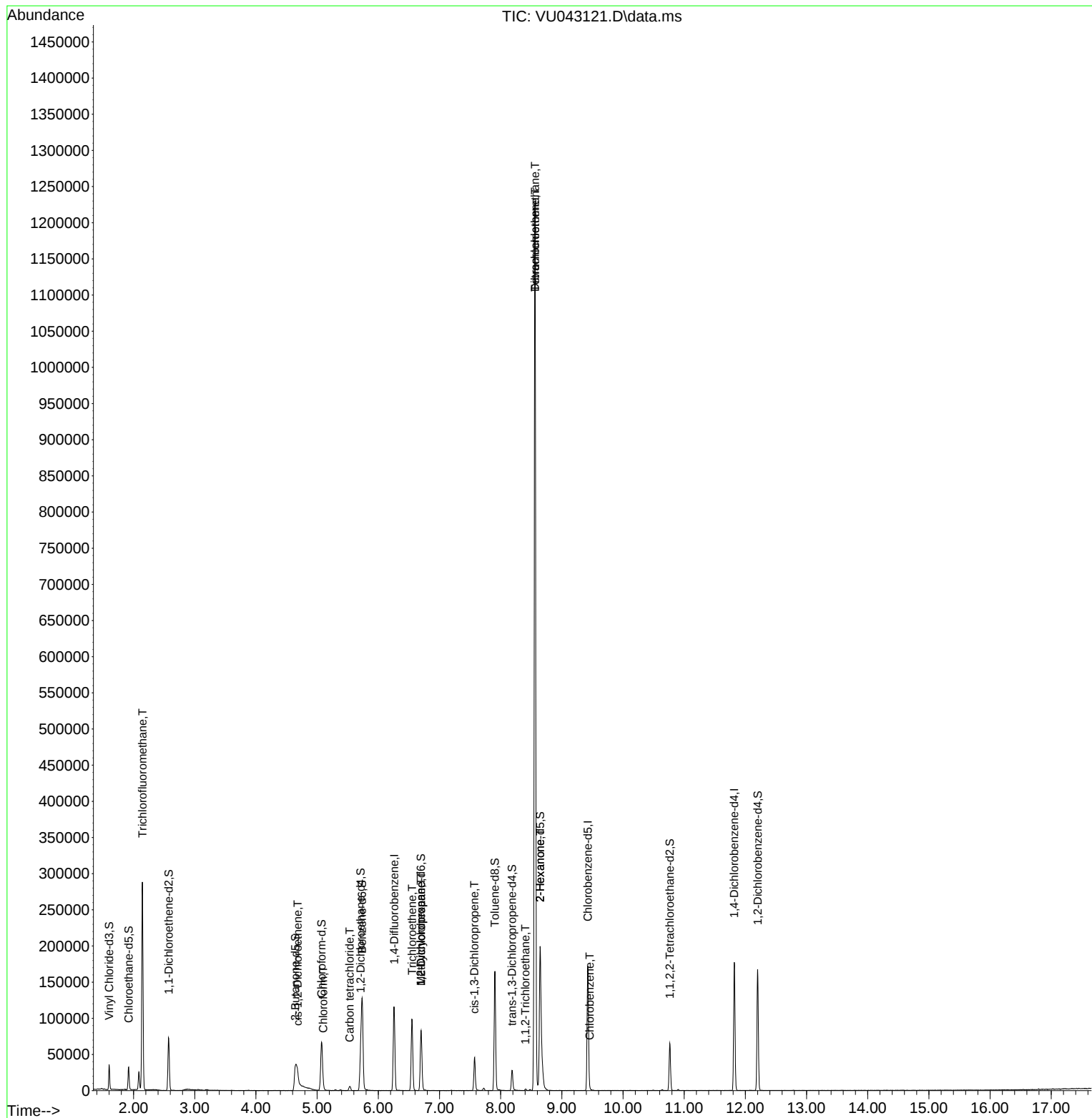
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	88578	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	88910	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42770	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22825	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.919	69	21238	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.575	65	14377	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.40%
20) 2-Butanone-d5	4.645	46	70718	35.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.60%
24) Chloroform-d	5.073	84	58076	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.713	65	38479	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.735	84	107159	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	35549	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.906	98	100240	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.185	79	15048	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.645	63	78058	51.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30684	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39647	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	178862	16.49	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	6789	1.09	ug/L	86
25) Chloroform	5.099	83	3462	0.28	ug/L	100
31) Carbon tetrachloride	5.533	117	3806	0.42	ug/L	99
34) Trichloroethene	6.552	95	30878	4.72	ug/L	98
35) Methylcyclohexane	6.700	83	7968	0.88	ug/L #	20
37) 1,2-Dichloropropane	6.700	63	4391	0.66	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1123	0.11	ug/L #	78
45) 1,1,2-Trichloroethane	8.404	97	718	0.14	ug/L #	80
47) Tetrachloroethene	8.562	164	254451	49.02	ug/L	95
48) 2-Hexanone	8.645	43	12411	2.82	ug/L #	61
49) Dibromochloromethane	8.562	129	229616	36.39	ug/L #	9
51) Chlorobenzene	9.456	112	929	0.05	ug/L	88

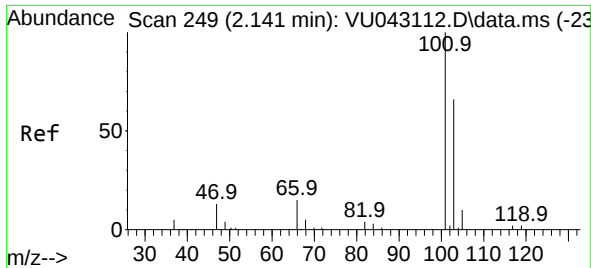
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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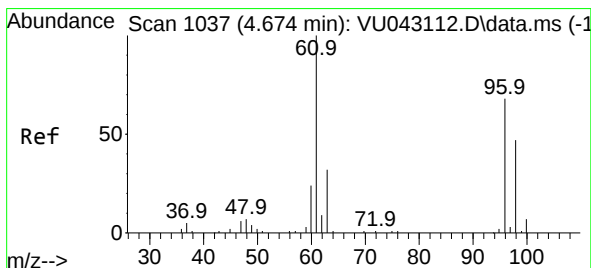
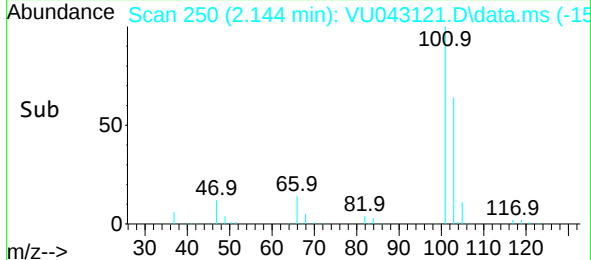
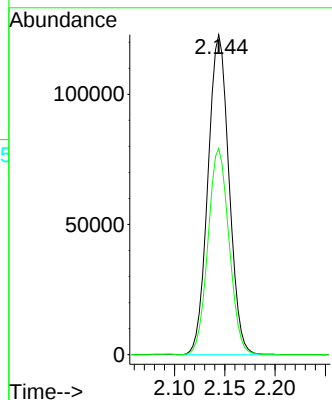
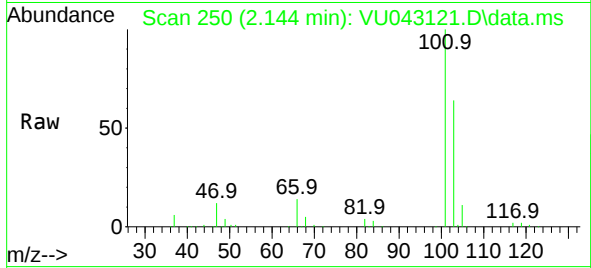




#9
 Trichlorofluoromethane
 Concen: 16.49 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU043121.D
 Acq: 15 Apr 2021 15:19

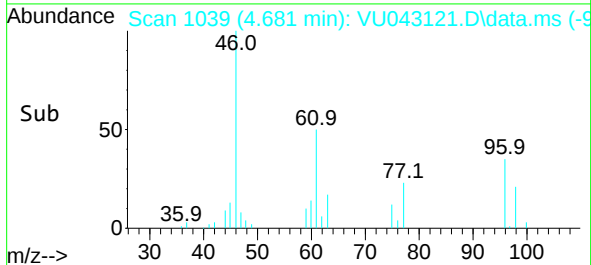
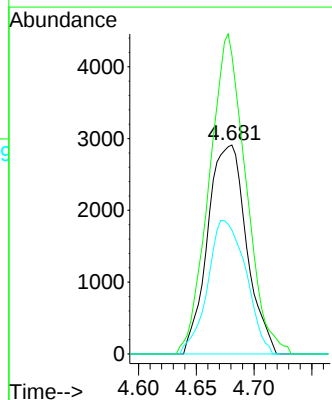
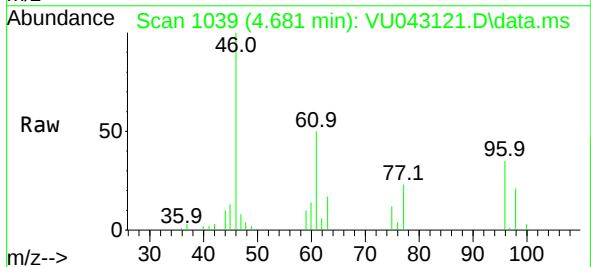
Instrument :
 MSVOA_U
 ClientSampled :

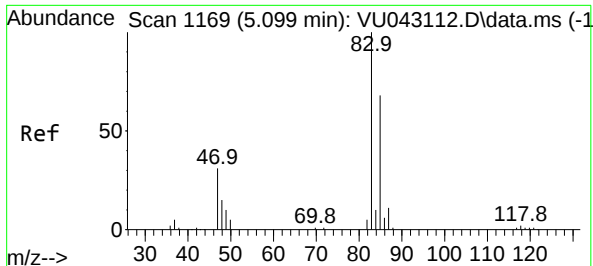
Tgt Ion:101 Resp: 178862
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#22
 cis-1,2-Dichloroethene
 Concen: 1.09 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VU043121.D
 Acq: 15 Apr 2021 15:19

Tgt Ion: 96 Resp: 6789
 Ion Ratio Lower Upper
 96 100
 61 143.1 87.4 162.4
 98 59.4 47.7 88.5





#25

Chloroform

Concen: 0.28 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU043121.D

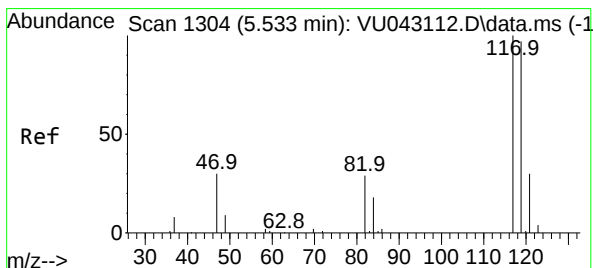
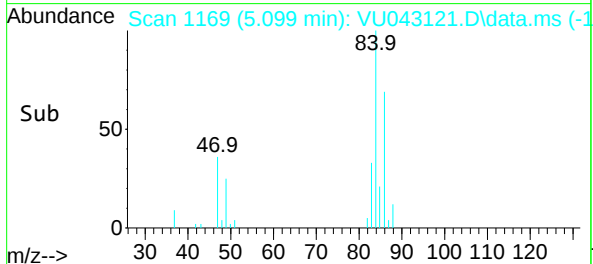
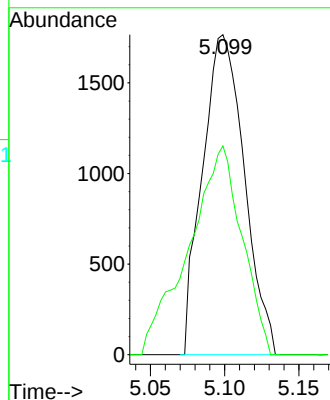
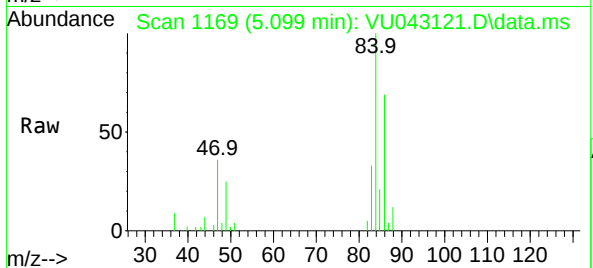
Acq: 15 Apr 2021 15:19

Tgt Ion: 83 Resp: 3462

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8



#31

Carbon tetrachloride

Concen: 0.42 ug/L

RT: 5.533 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VU043121.D

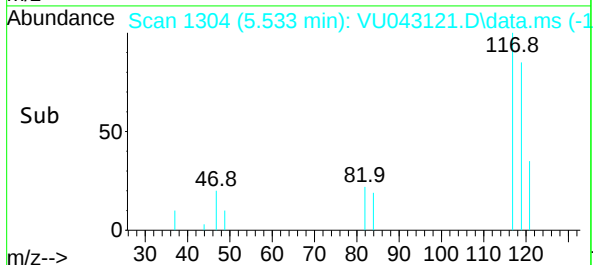
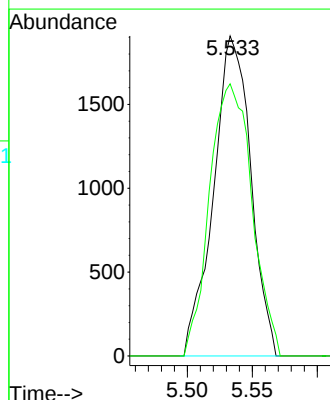
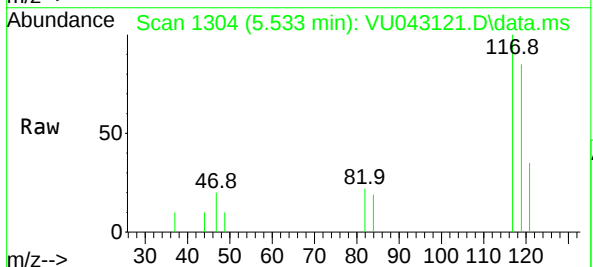
Acq: 15 Apr 2021 15:19

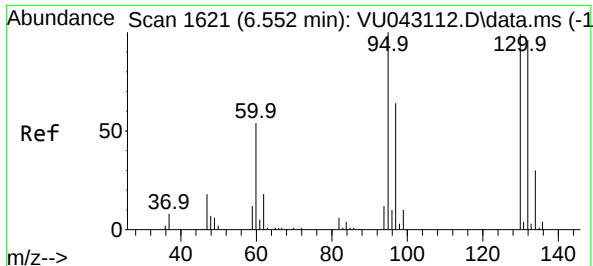
Tgt Ion: 117 Resp: 3806

Ion Ratio Lower Upper

117 100

119 96.6 76.2 114.4

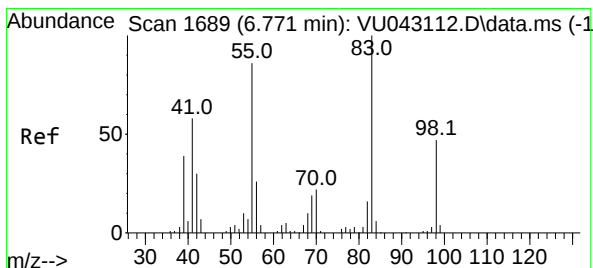
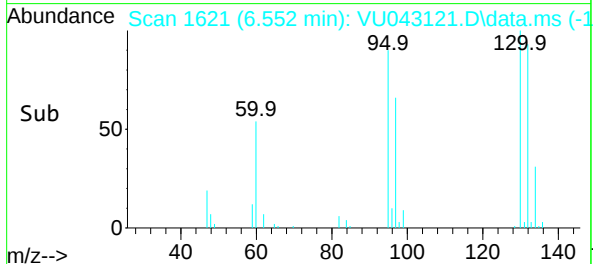
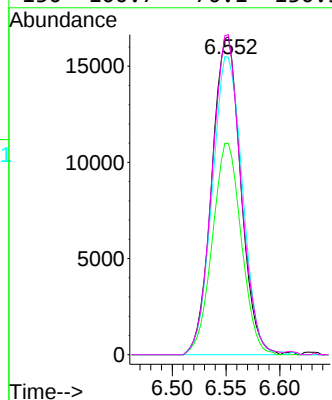
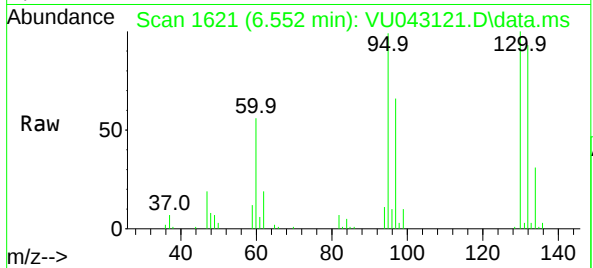




#34
Trichloroethene
Concen: 4.72 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

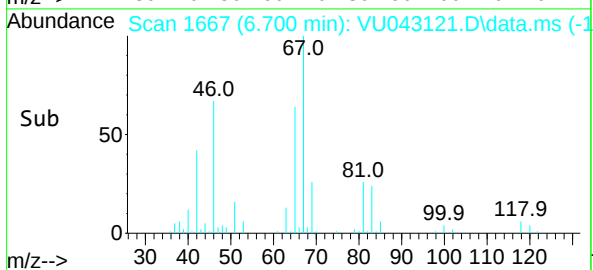
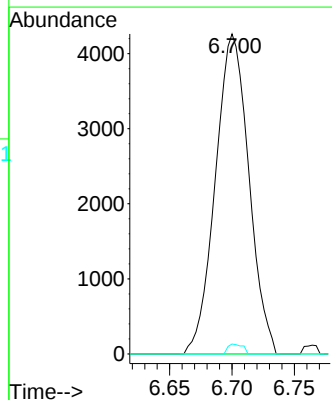
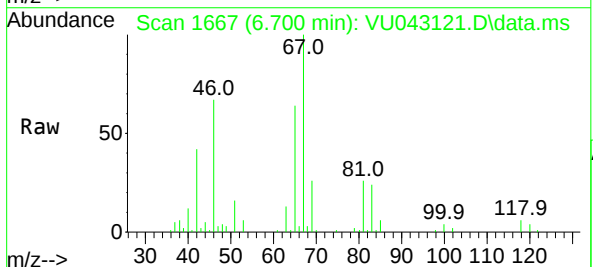
Instrument :
MSVOA_U
ClientSampled :

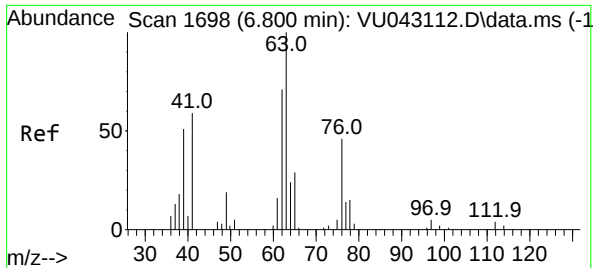
Tgt Ion: 95 Resp: 30878
Ion Ratio Lower Upper
95 100
97 66.5 45.8 85.2
132 93.5 68.7 127.7
130 100.7 70.1 130.3



#35
Methylcyclohexane
Concen: 0.88 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Tgt Ion: 83 Resp: 7968
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 1.4 37.9 56.9#

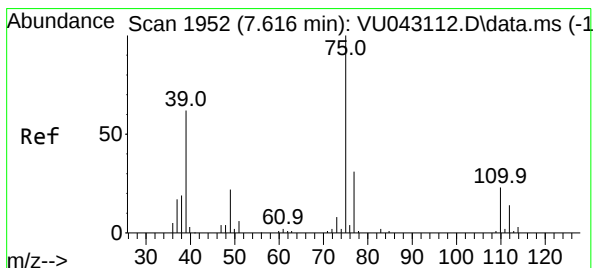
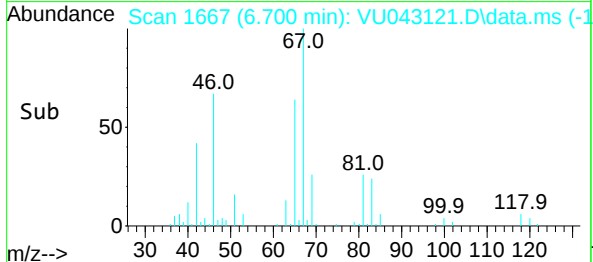
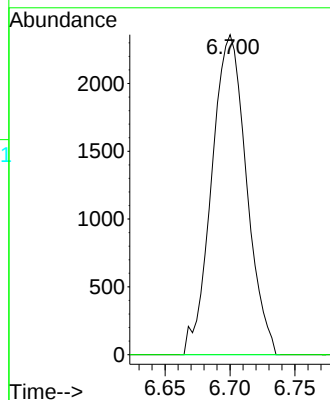
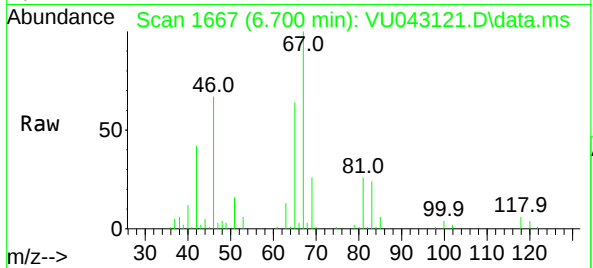




#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

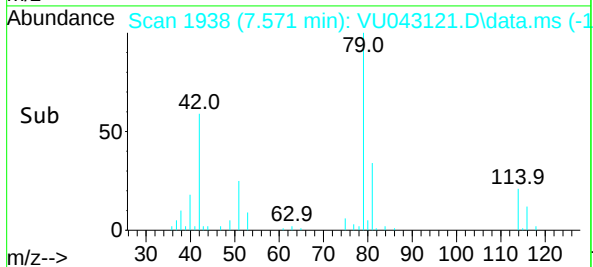
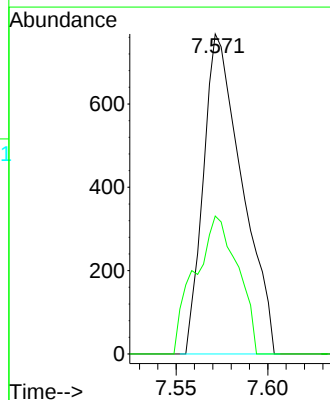
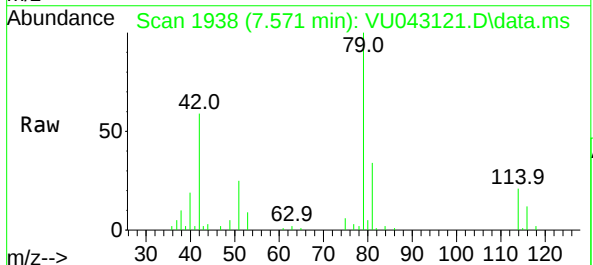
Instrument :
MSVOA_U
ClientSampleId :

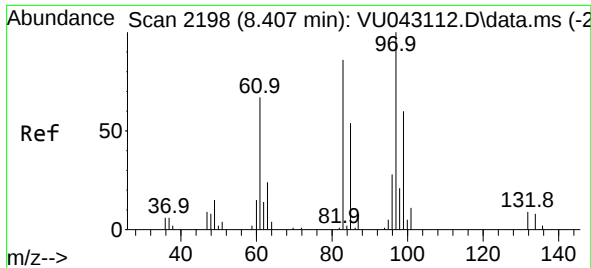
Tgt Ion: 63 Resp: 4391
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Tgt Ion: 75 Resp: 1123
Ion Ratio Lower Upper
75 100
77 43.1 21.8 40.6#

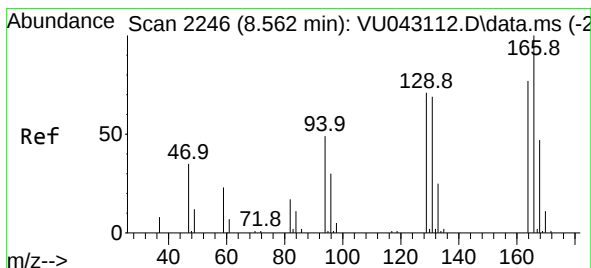
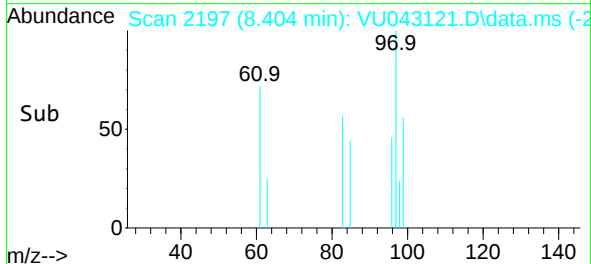
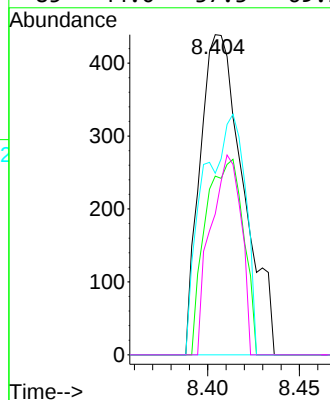
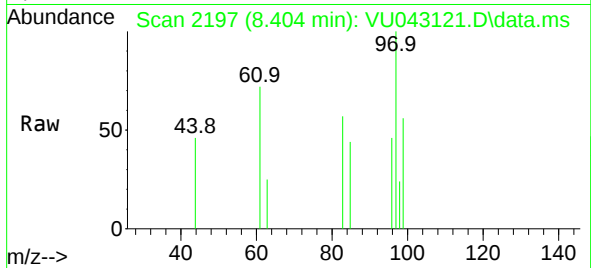




#45
1,1,2-Trichloroethane
Concen: 0.14 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

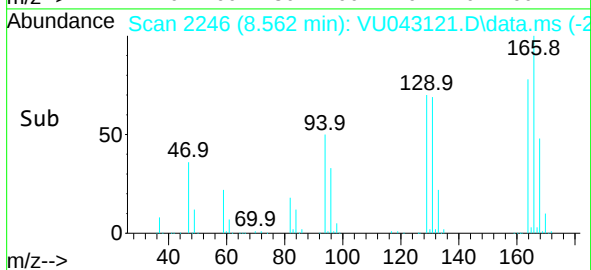
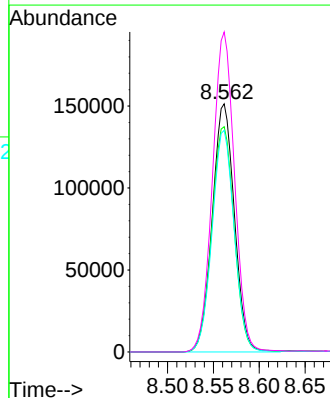
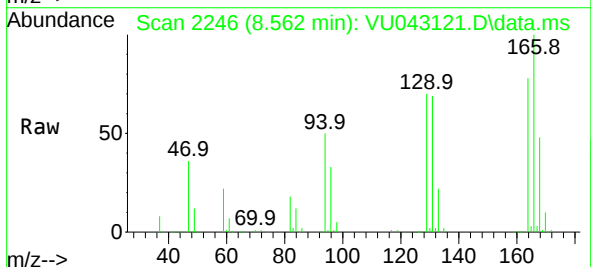
Instrument :
MSVOA_U
ClientSampleId :

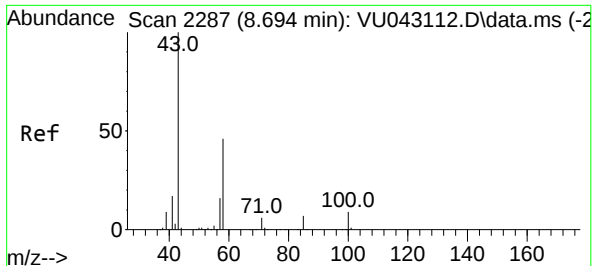
Tgt Ion:	97	Resp:	718
Ion	Ratio	Lower	Upper
97	100		
99	55.8	44.2	82.0
83	56.7	60.1	111.7#
85	44.0	37.3	69.3



#47
Tetrachloroethene
Concen: 49.02 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

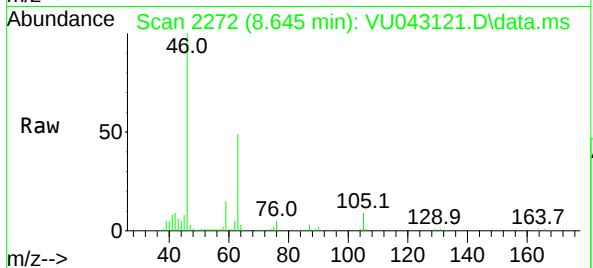
Tgt Ion:	164	Resp:	254451
Ion	Ratio	Lower	Upper
164	100		
129	90.7	66.6	123.8
131	89.3	65.9	122.3
166	128.9	93.7	173.9



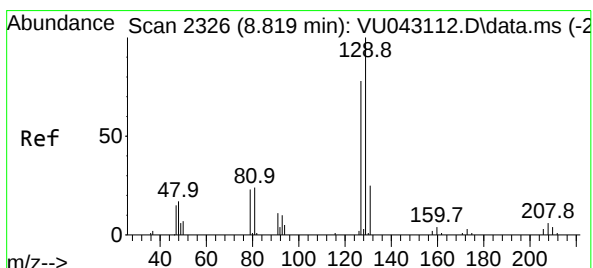
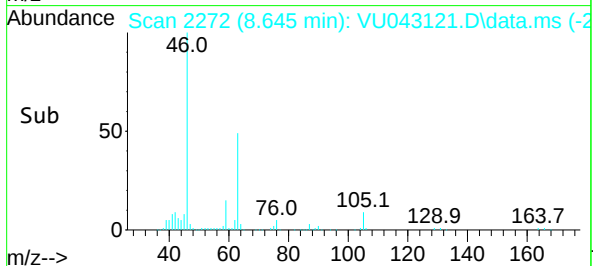
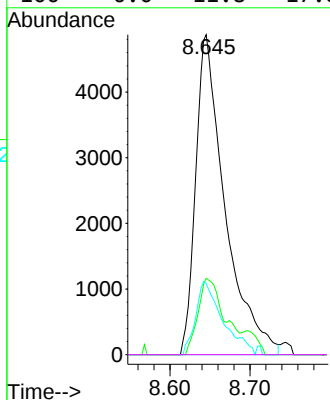


#48
2-Hexanone
Concen: 2.82 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Instrument :
MSVOA_U
ClientSampleId :

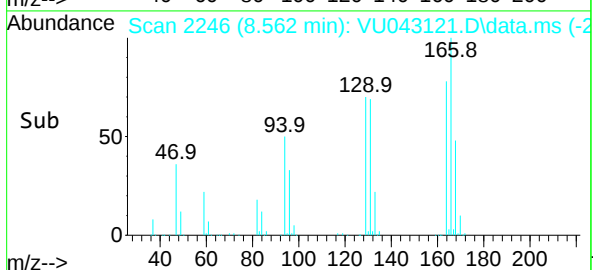
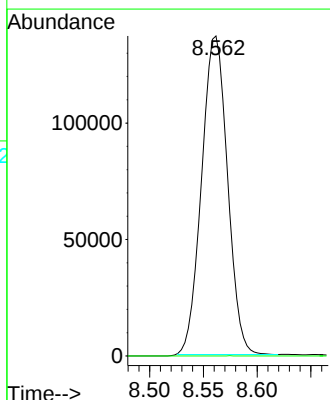
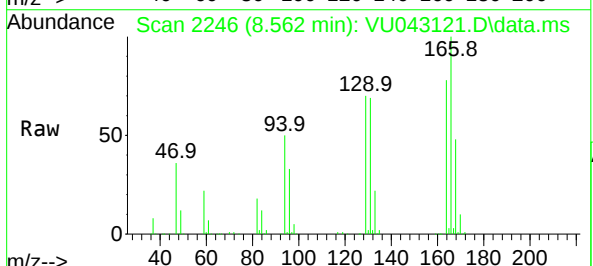


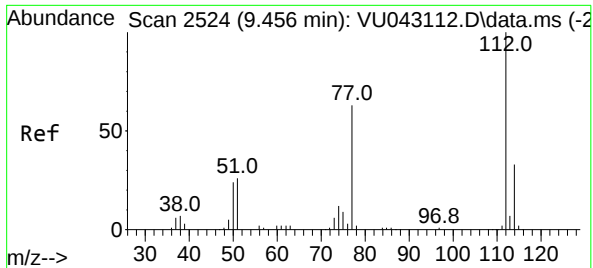
Tgt Ion: 43	Resp: 12411
Ion Ratio	Lower Upper
43	100
58	21.4 50.0 75.0#
57	21.1 17.4 26.0
100	0.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 36.39 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Tgt Ion: 129	Resp: 229616
Ion Ratio	Lower Upper
129	100
127	0.0 56.6 105.2#





#51
Chlorobenzene
Concen: 0.05 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043121.D
Acq: 15 Apr 2021 15:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	112	Resp:	929
Ion	Ratio	Lower	Upper
112	100		
114	22.5	21.9	40.7
77	49.2	45.1	67.7

