

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043128.D
 Acq On : 15 Apr 2021 18:08
 Operator : SY/MD
 Sample : M1986-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:38:11 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)

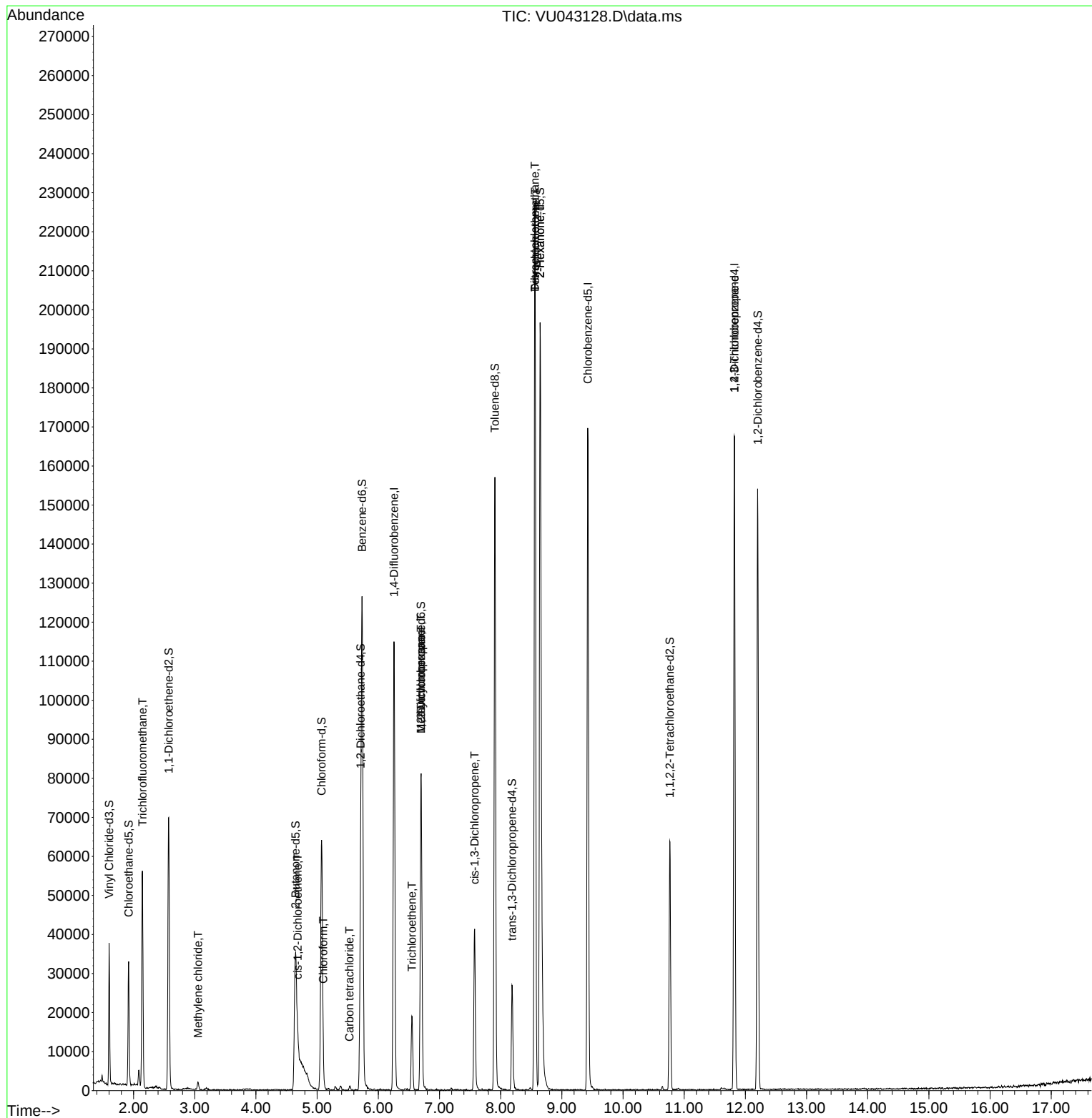
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84251	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42006	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22876	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.919	69	21151	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.575	65	13742	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.20%
20) 2-Butanone-d5	4.649	46	73229	38.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.76%
24) Chloroform-d	5.073	84	56129	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.713	65	38109	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	104391	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.697	67	34893	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	98287	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.186	79	14092	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.645	63	77442	54.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.10%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	29888	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	38180	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	34235	3.27	ug/L	100
16) Methylene chloride	3.054	84	935	0.15	ug/L	93
22) cis-1,2-Dichloroethene	4.681	96	1142	0.19	ug/L #	61
25) Chloroform	5.099	83	1826	0.16	ug/L	92
31) Carbon tetrachloride	5.530	117	736	0.08	ug/L #	80
34) Trichloroethene	6.549	95	6292	1.01	ug/L	92
35) Methylcyclohexane	6.697	83	7990	0.93	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	4387	0.69	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1114	0.12	ug/L #	44
47) Tetrachloroethene	8.562	164	47044	9.56	ug/L	96
48) 2-Hexanone	8.645	43	12500	2.99	ug/L #	60
49) Dibromochloromethane	8.559	129	43947	7.35	ug/L #	10
61) 1,2,3-Trichloropropane	11.822	75	5480	1.26	ug/L #	58

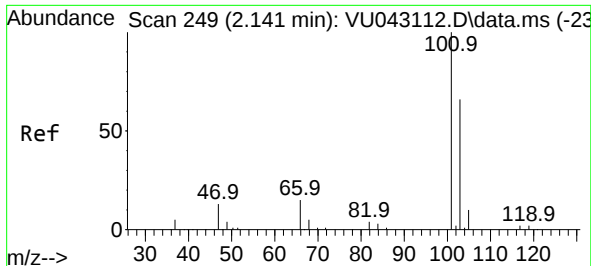
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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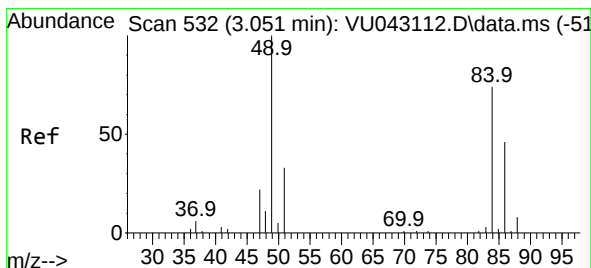
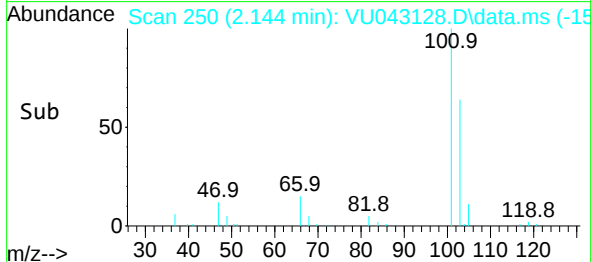
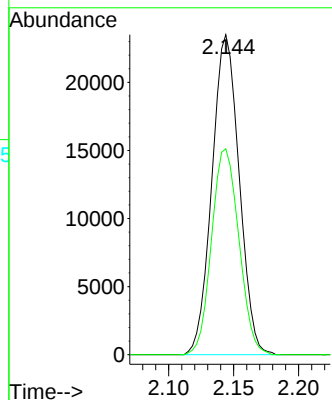
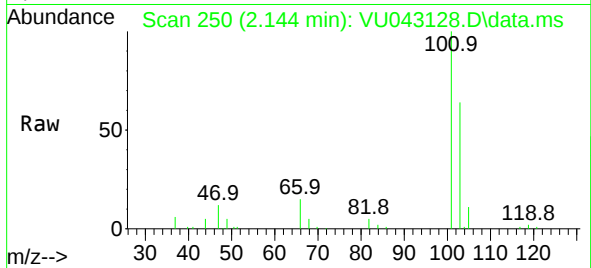




#9
Trichlorofluoromethane
Concen: 3.27 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

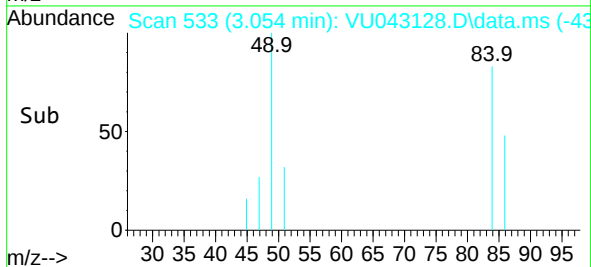
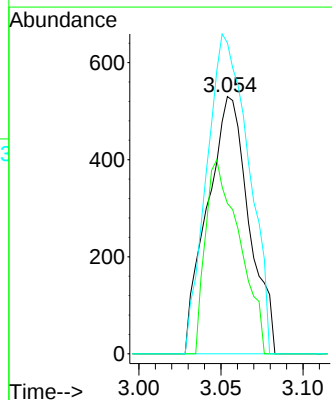
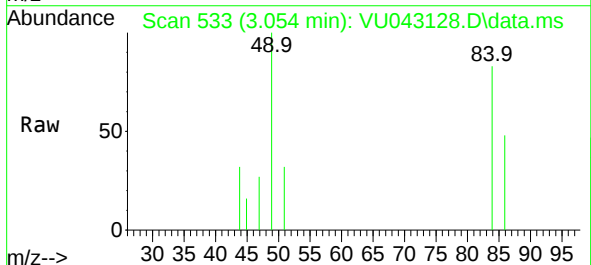
Instrument :
MSVOA_U
ClientSampled :

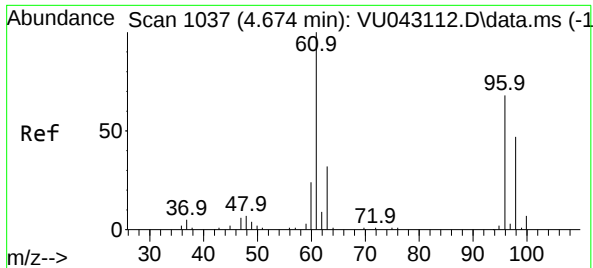
Tgt Ion:101 Resp: 34235
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3



#16
Methylene chloride
Concen: 0.15 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion: 84 Resp: 935
Ion Ratio Lower Upper
84 100
86 58.5 44.9 83.5
49 120.9 79.0 146.8

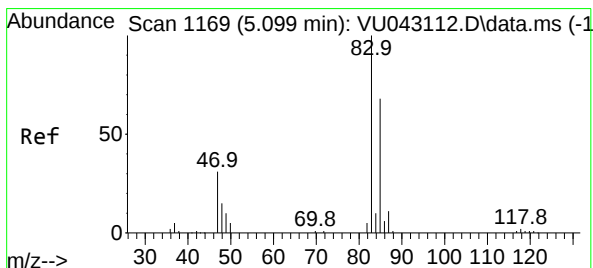
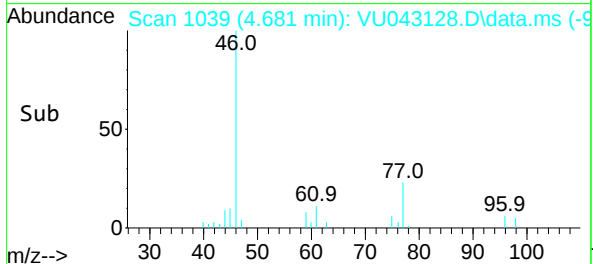
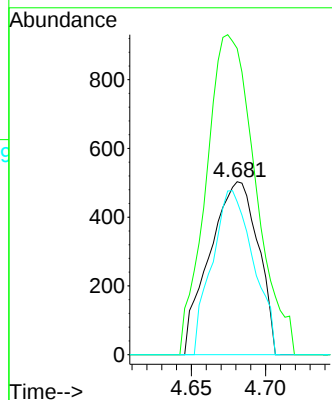
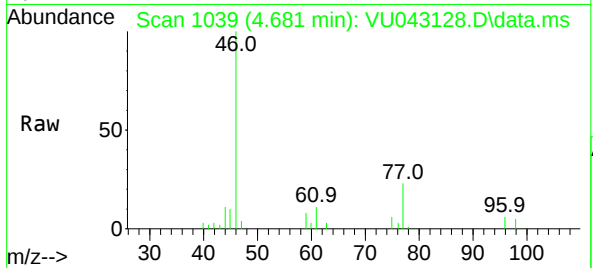




#22
cis-1,2-Dichloroethene
Concen: 0.19 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

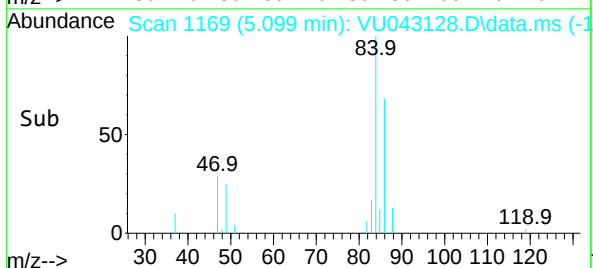
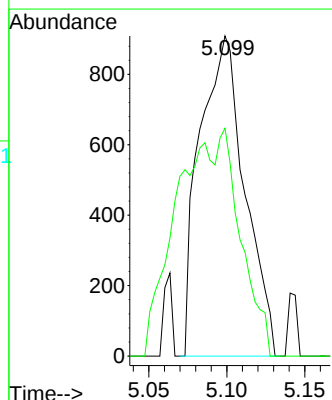
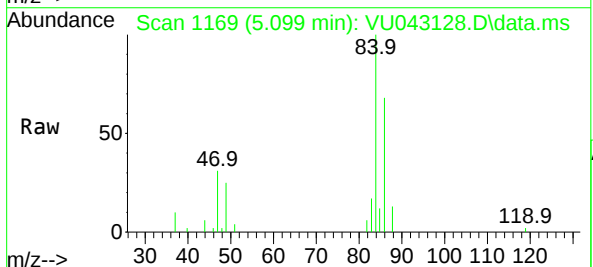
Instrument :
MSVOA_U
ClientSampled :

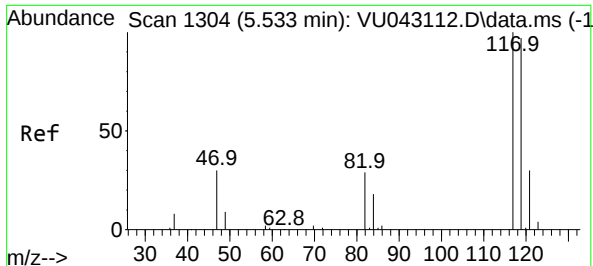
Tgt Ion: 96 Resp: 1142
Ion Ratio Lower Upper
96 100
61 177.1 87.4 162.4#
98 88.5 47.7 88.5



#25
Chloroform
Concen: 0.16 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion: 83 Resp: 1826
Ion Ratio Lower Upper
83 100
85 71.2 45.6 84.8

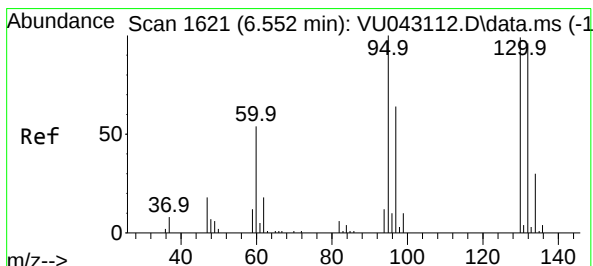
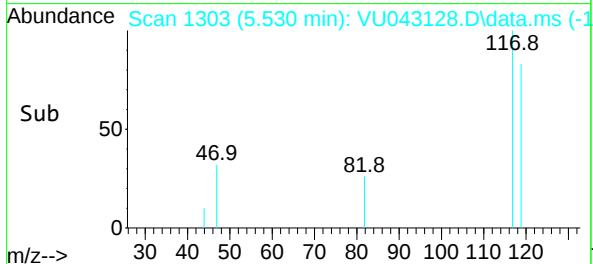
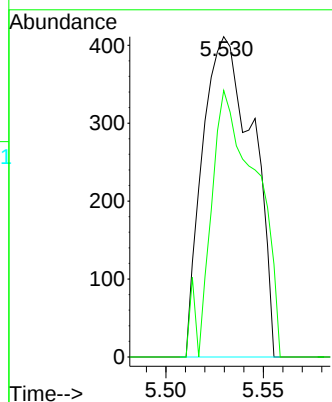
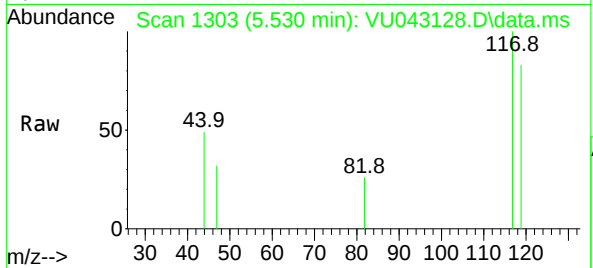




#31
Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

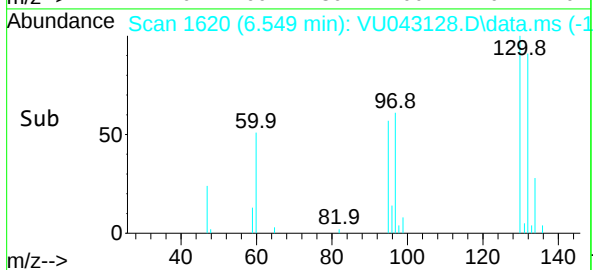
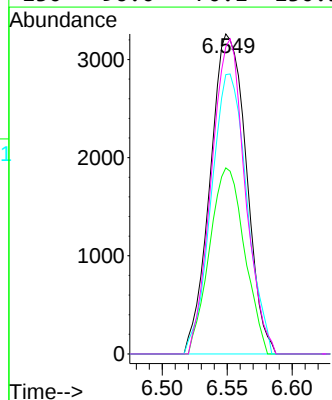
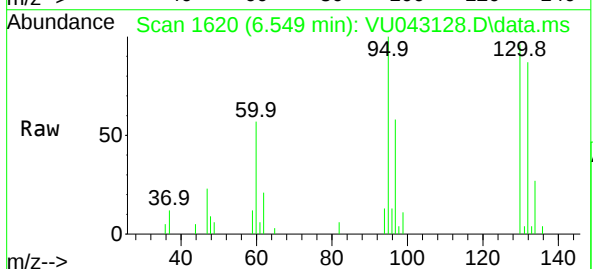
Instrument :
MSVOA_U
ClientSampled :

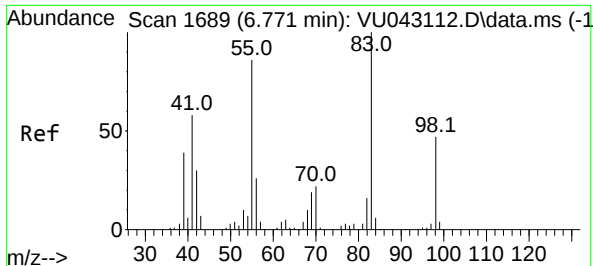
Tgt Ion:117 Resp: 736
Ion Ratio Lower Upper
117 100
119 75.8 76.2 114.4#



#34
Trichloroethene
Concen: 1.01 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Tgt Ion: 95 Resp: 6292
Ion Ratio Lower Upper
95 100
97 58.2 45.8 85.2
132 87.3 68.7 127.7
130 96.0 70.1 130.3





#35

Methylcyclohexane

Concen: 0.93 ug/L

RT: 6.697 min Scan# 1666

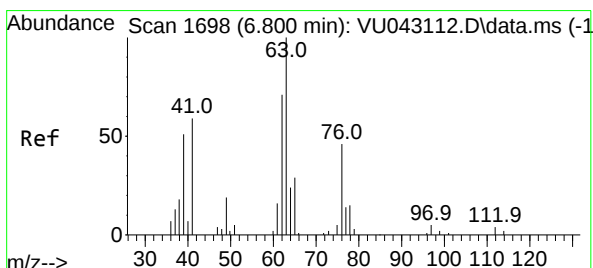
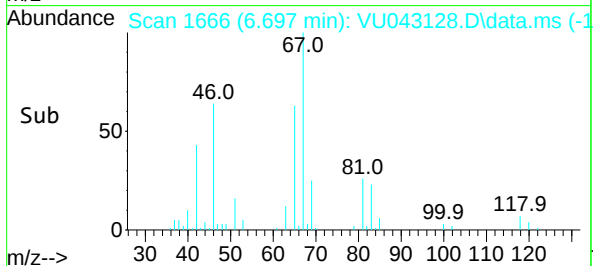
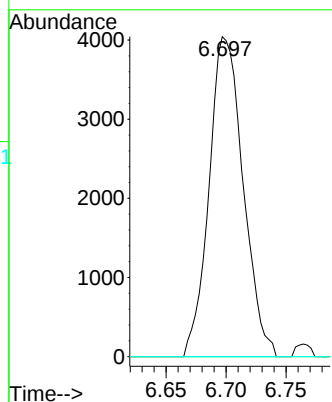
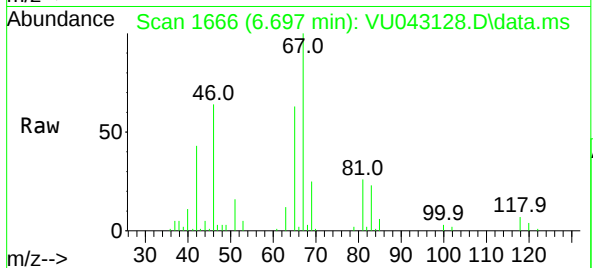
Delta R.T. -0.074 min

Lab File: VU043128.D

Acq: 15 Apr 2021 18:08

Tgt Ion:	83	Resp:	7990
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.3	37.9	56.9#

Instrument :
MSVOA_U
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.69 ug/L

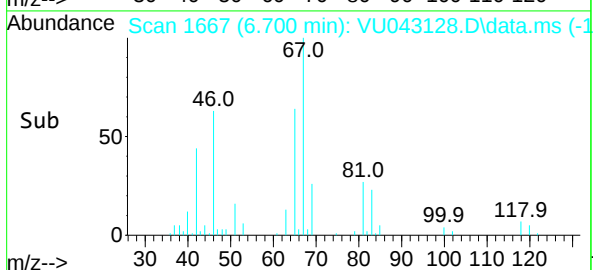
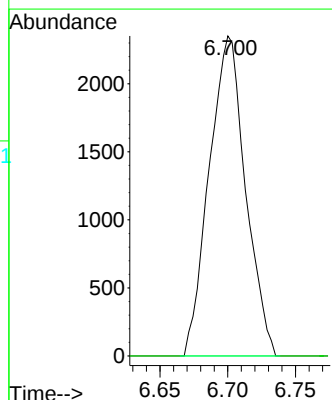
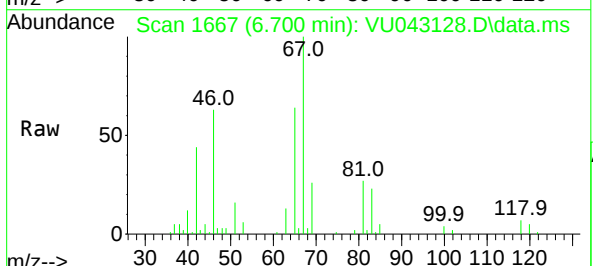
RT: 6.700 min Scan# 1667

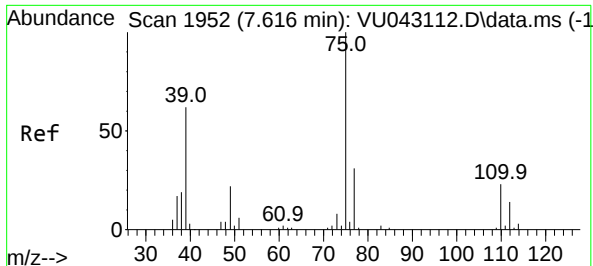
Delta R.T. -0.100 min

Lab File: VU043128.D

Acq: 15 Apr 2021 18:08

Tgt Ion:	63	Resp:	4387
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

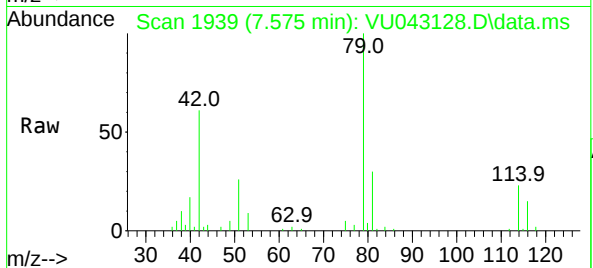




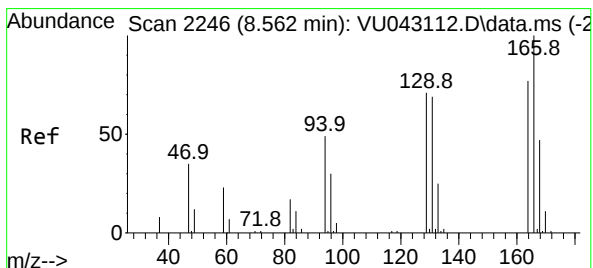
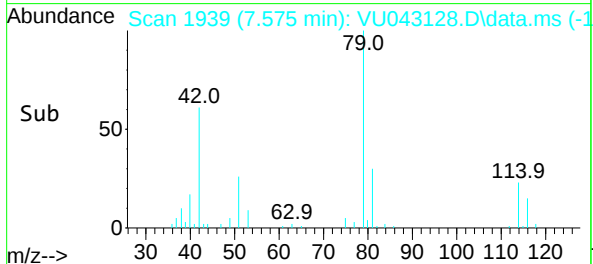
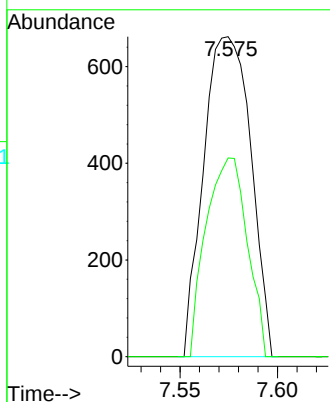
#39

cis-1,3-Dichloropropene
 Concen: 0.12 ug/L
 RT: 7.575 min Scan# 1939
 Delta R.T. -0.042 min
 Lab File: VU043128.D
 Acq: 15 Apr 2021 18:08

Instrument :
 MSVOA_U
 ClientSampled :



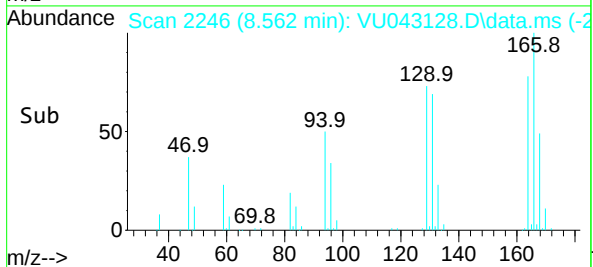
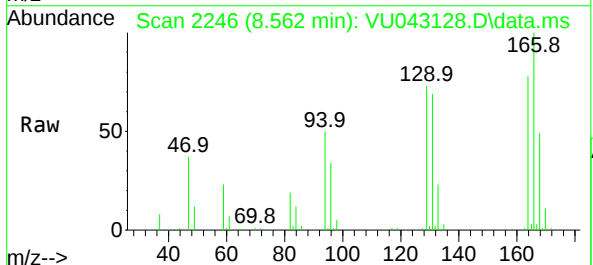
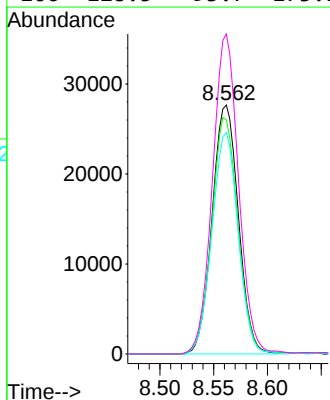
Tgt Ion: 75 Resp: 1114
 Ion Ratio Lower Upper
 75 100
 77 62.1 21.8 40.6#

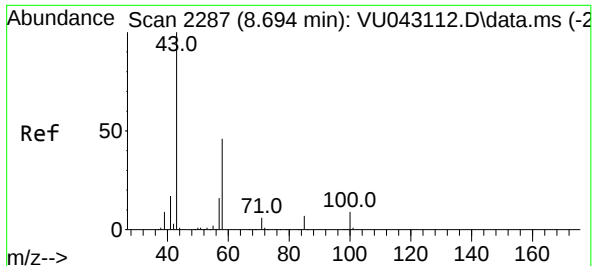


#47

Tetrachloroethene
 Concen: 9.56 ug/L
 RT: 8.562 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: VU043128.D
 Acq: 15 Apr 2021 18:08

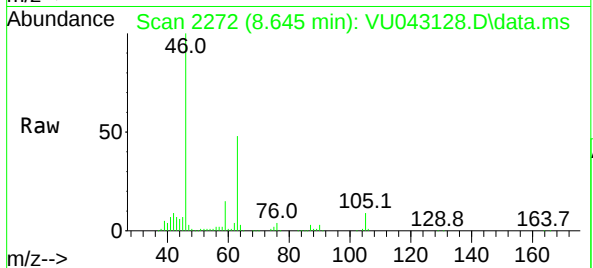
Tgt Ion: 164 Resp: 47044
 Ion Ratio Lower Upper
 164 100
 129 94.0 66.6 123.8
 131 89.0 65.9 122.3
 166 128.5 93.7 173.9



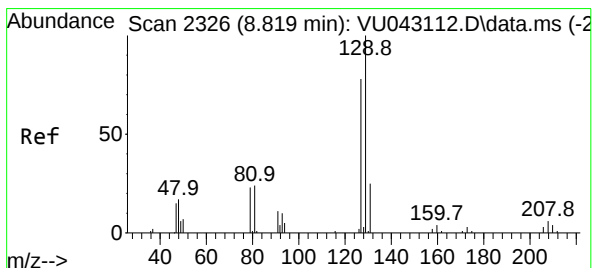
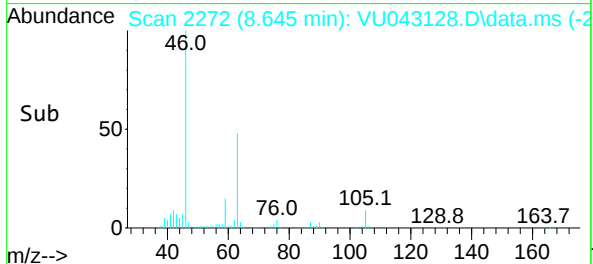
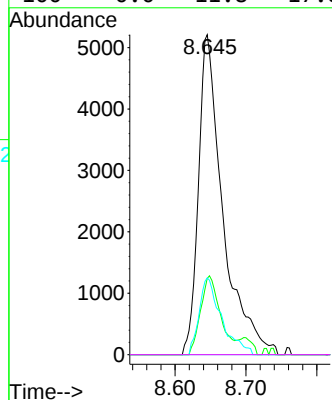


#48
2-Hexanone
Concen: 2.99 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

Instrument :
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ClientSampled :

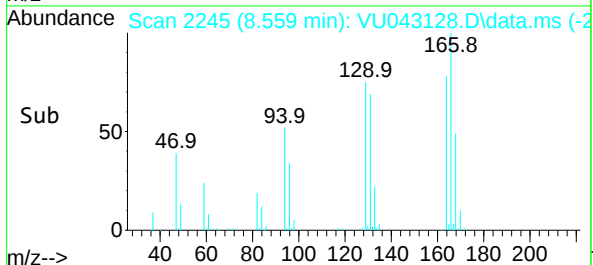
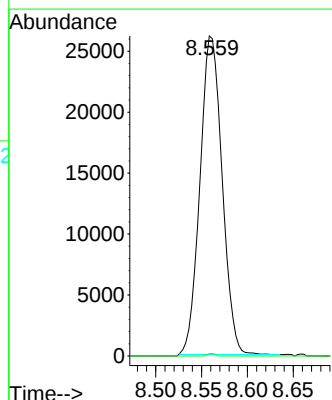
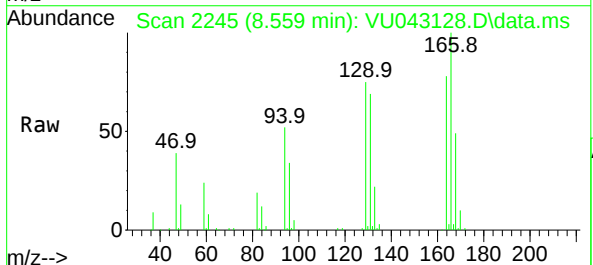


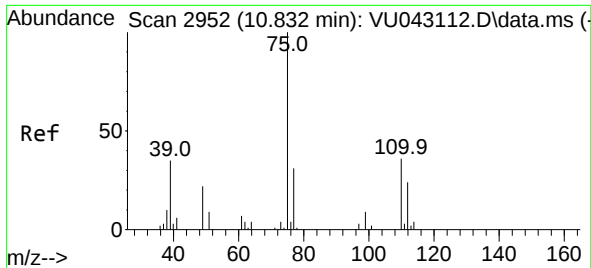
Tgt Ion: 43	Resp: 12500
Ion Ratio	Lower Upper
43 100	
58 19.9	50.0 75.0#
57 21.9	17.4 26.0
100 0.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 7.35 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043128.D
Acq: 15 Apr 2021 18:08

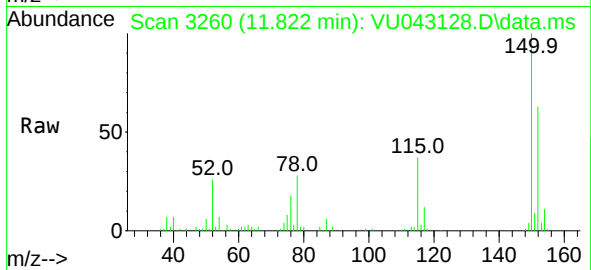
Tgt Ion:129	Resp:	43947	
Ion	Ratio	Lower	Upper
129	100		
127	0.7	56.6	105.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.26 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043128.D
 Acq: 15 Apr 2021 18:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5480
 Ion Ratio Lower Upper
 75 100
 110 1.2 31.5 47.3#
 77 42.4 26.3 39.5#

