

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043126.D
 Acq On : 15 Apr 2021 17:20
 Operator : SY/MD
 Sample : M1986-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 05:37:42 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)

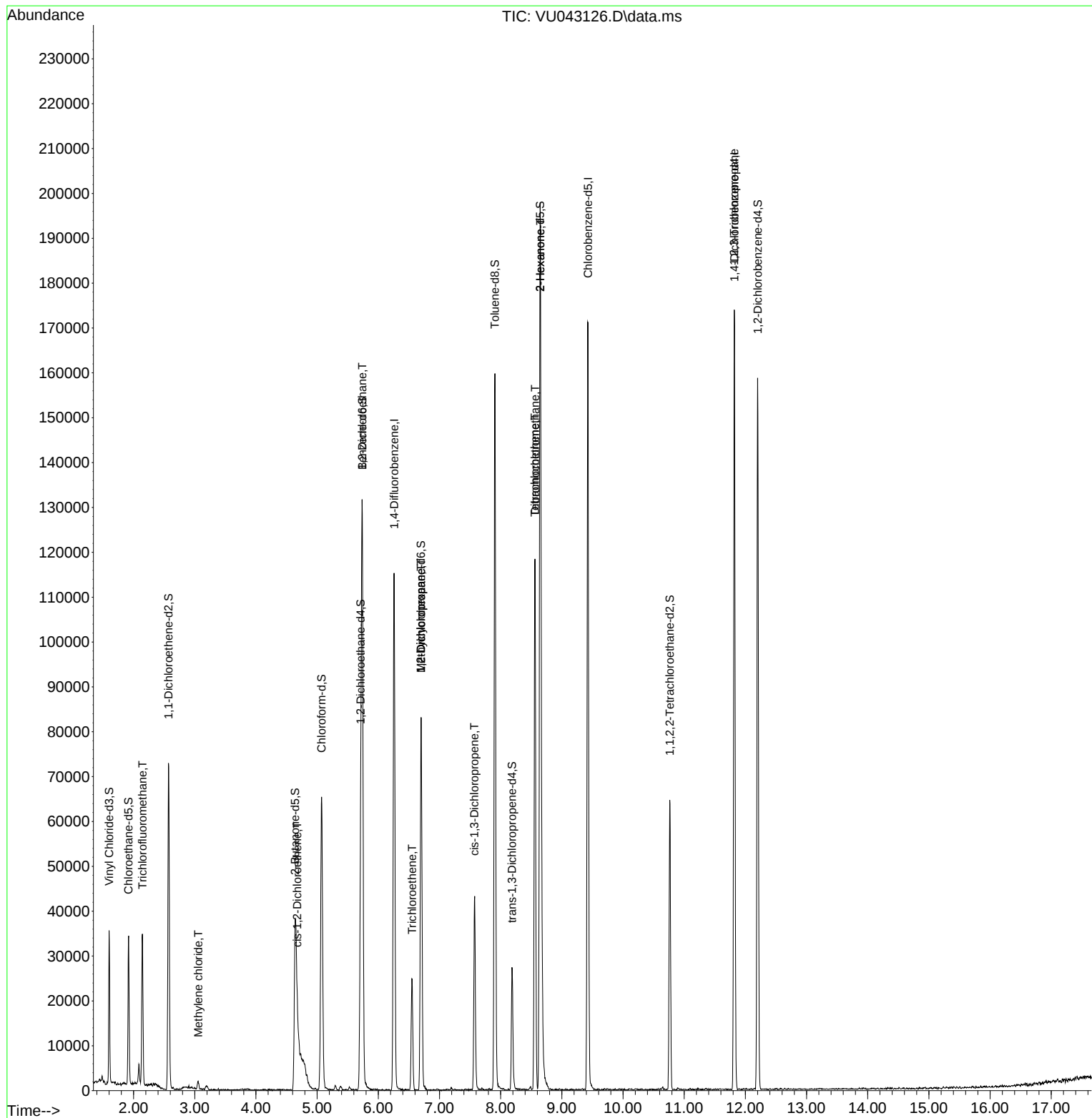
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87855	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	85547	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42135	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22795	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.916	69	22298	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.571	65	13810	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.80%
20) 2-Butanone-d5	4.642	46	79217	40.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.86%
24) Chloroform-d	5.073	84	57326	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.713	65	37893	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.739	84	107384	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.700	67	35169	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	99859	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.185	79	14161	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.645	63	76737	52.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.50%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29200	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	40126	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	20754	1.93	ug/L	100
16) Methylene chloride	3.057	84	738	0.12	ug/L	86
22) cis-1,2-Dichloroethene	4.674	96	1758	0.29	ug/L	82
27) 1,2-Dichloroethane	5.739	62	789	0.09	ug/L #	74
34) Trichloroethene	6.552	95	7958	1.26	ug/L	94
35) Methylcyclohexane	6.700	83	8292	0.95	ug/L #	24
37) 1,2-Dichloropropane	6.700	63	4144	0.64	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1127	0.12	ug/L #	61
47) Tetrachloroethene	8.558	164	24376	4.88	ug/L	98
48) 2-Hexanone	8.648	43	12672	2.99	ug/L #	61
49) Dibromochloromethane	8.562	129	23127	3.81	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	5627	1.29	ug/L #	60

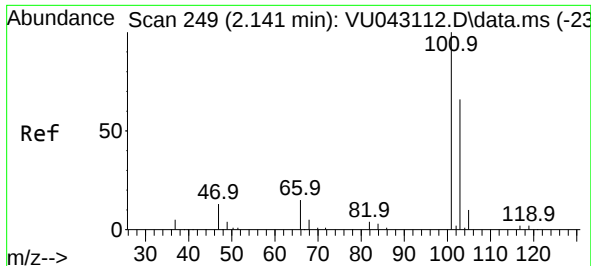
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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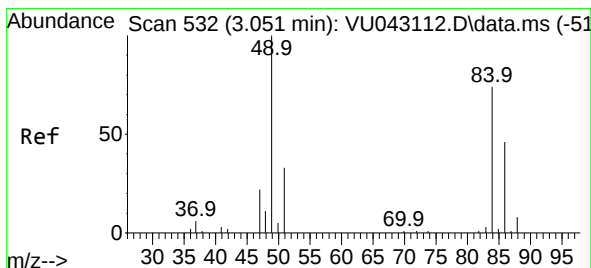
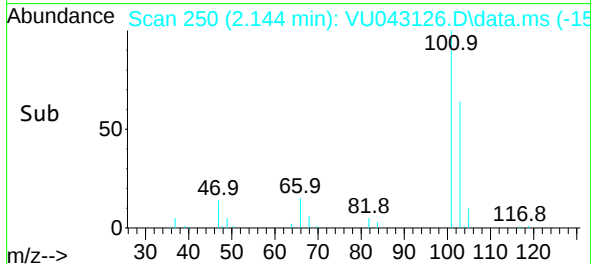
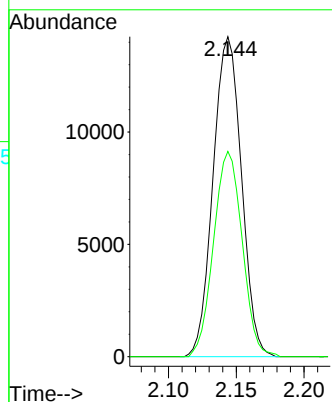
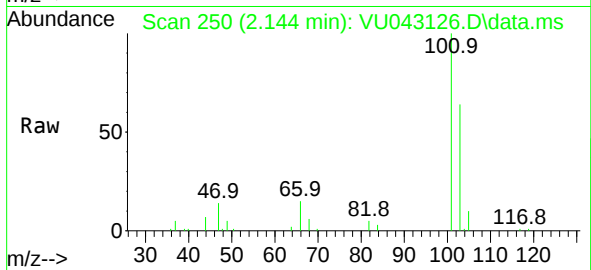




#9
 Trichlorofluoromethane
 Concen: 1.93 ug/L
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU043126.D
 Acq: 15 Apr 2021 17:20

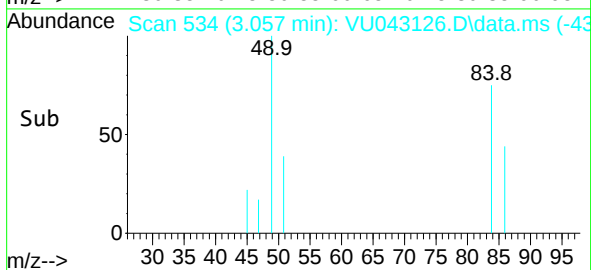
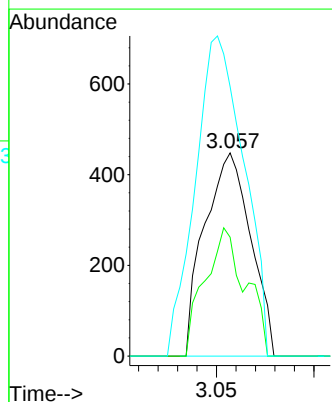
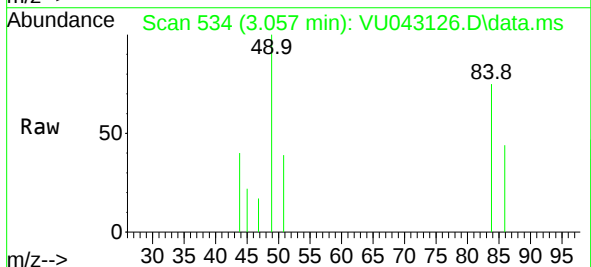
Instrument :
 MSVOA_U
 ClientSampleId :

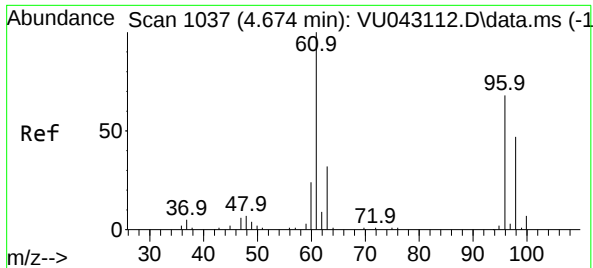
Tgt Ion:101 Resp: 20754
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.5 77.3



#16
 Methylene chloride
 Concen: 0.12 ug/L
 RT: 3.057 min Scan# 534
 Delta R.T. 0.006 min
 Lab File: VU043126.D
 Acq: 15 Apr 2021 17:20

Tgt Ion: 84 Resp: 738
 Ion Ratio Lower Upper
 84 100
 86 58.5 44.9 83.5
 49 132.6 79.0 146.8

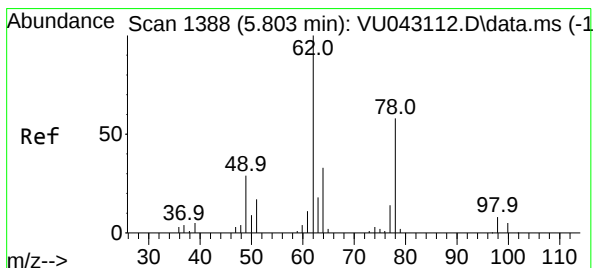
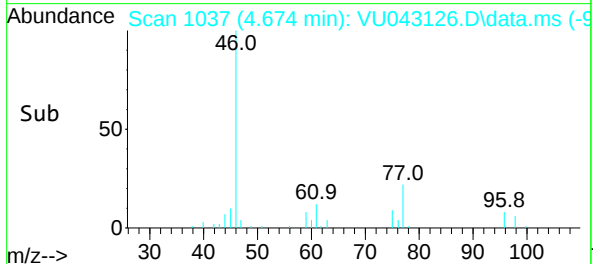
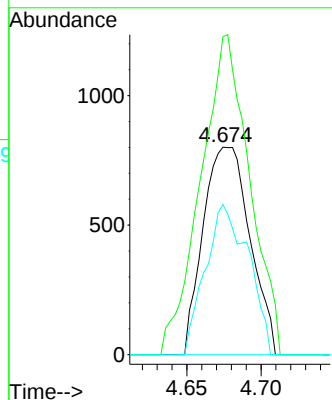
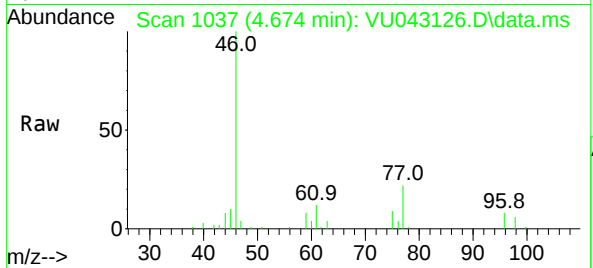




#22
 cis-1,2-Dichloroethene
 Concen: 0.29 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU043126.D
 Acq: 15 Apr 2021 17:20

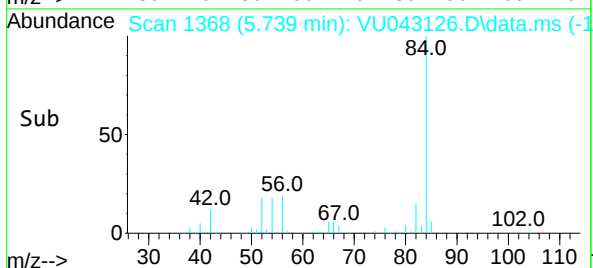
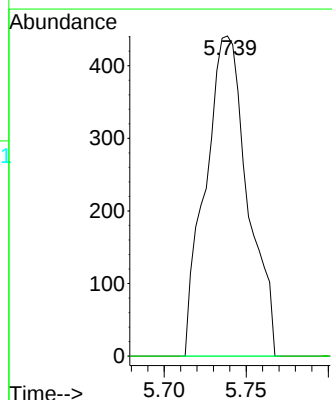
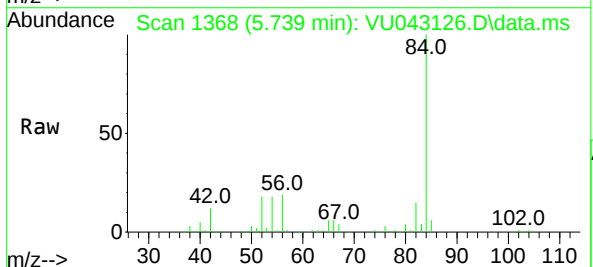
Instrument :
 MSVOA_U
 ClientSampled :

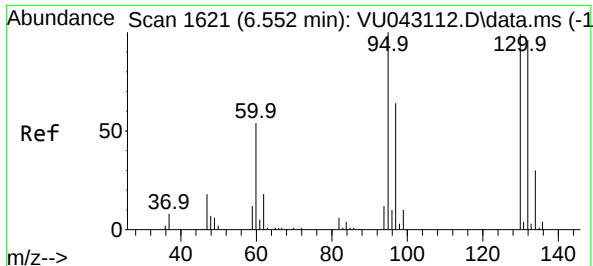
Tgt Ion: 96 Resp: 1758
 Ion Ratio Lower Upper
 96 100
 61 153.2 87.4 162.4
 98 72.4 47.7 88.5



#27
 1,2-Dichloroethane
 Concen: 0.09 ug/L
 RT: 5.739 min Scan# 1368
 Delta R.T. -0.064 min
 Lab File: VU043126.D
 Acq: 15 Apr 2021 17:20

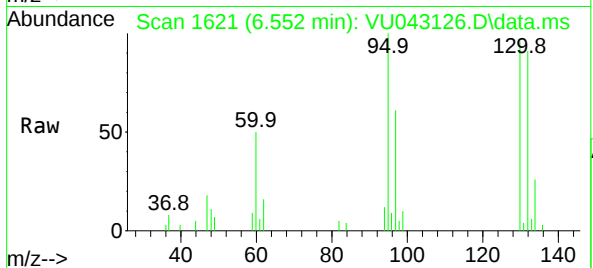
Tgt Ion: 62 Resp: 789
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#





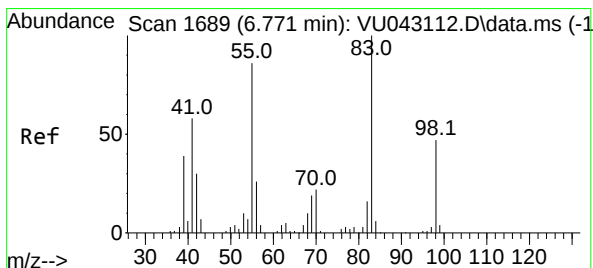
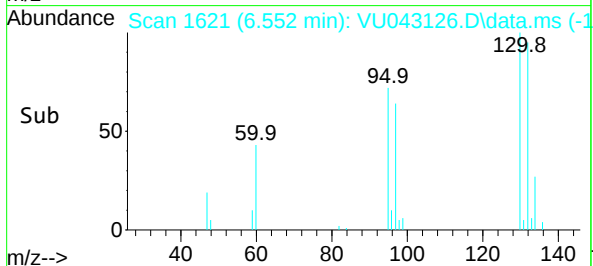
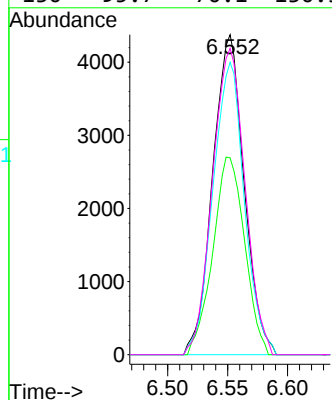
#34
Trichloroethene
Concen: 1.26 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU043126.D
Acq: 15 Apr 2021 17:20

Instrument :
MSVOA_U
ClientSampled :



Tgt Ion: 95 Resp: 7958

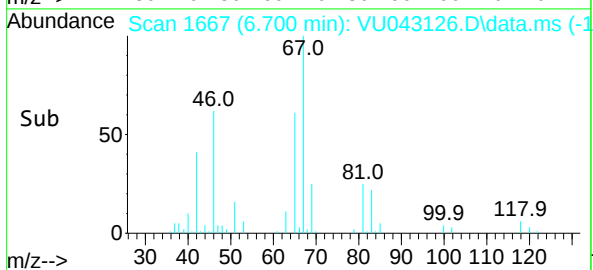
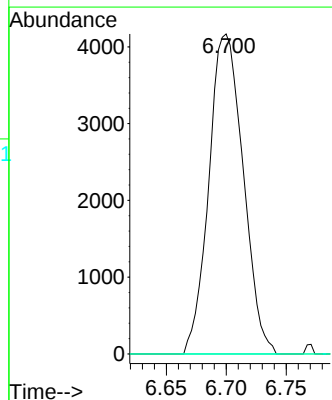
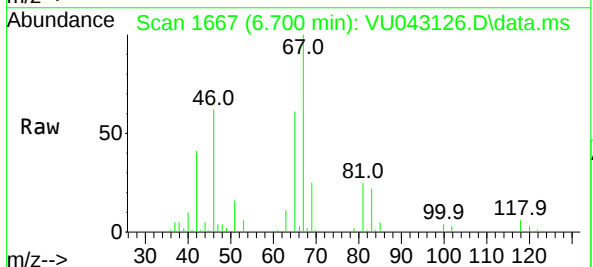
Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.8	85.2
132	91.3	68.7	127.7
130	95.7	70.1	130.3

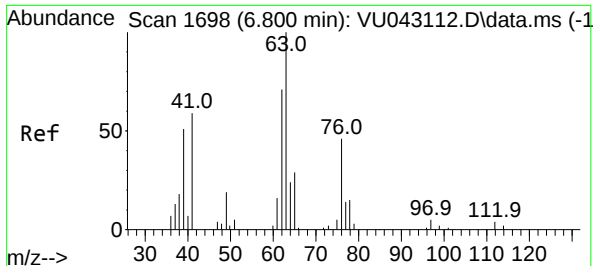


#35
Methylcyclohexane
Concen: 0.95 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043126.D
Acq: 15 Apr 2021 17:20

Tgt Ion: 83 Resp: 8292

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	8.9	37.9	56.9#

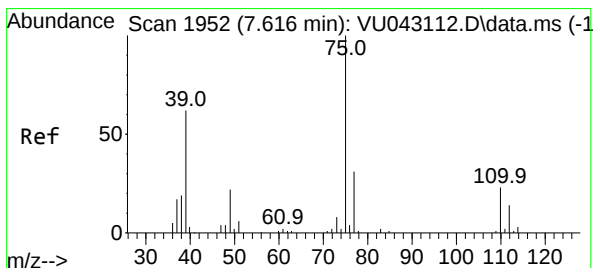
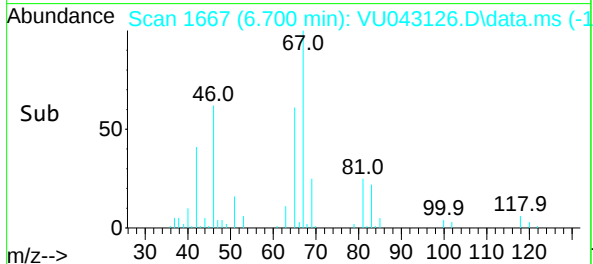
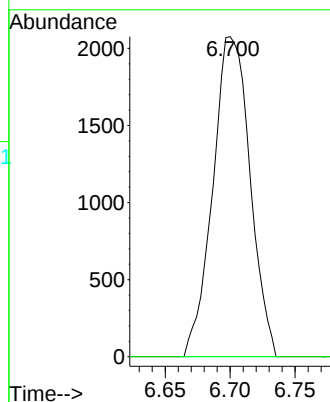
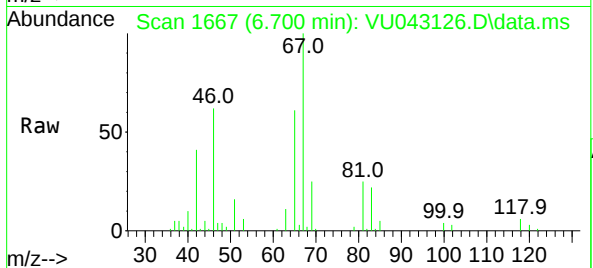




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043126.D
Acq: 15 Apr 2021 17:20

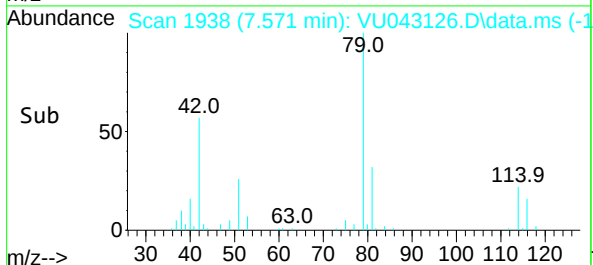
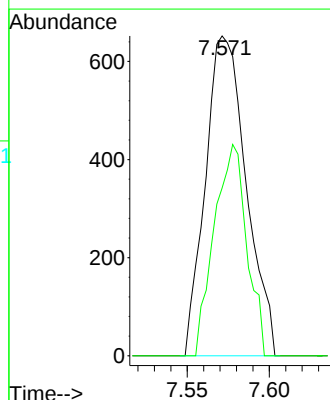
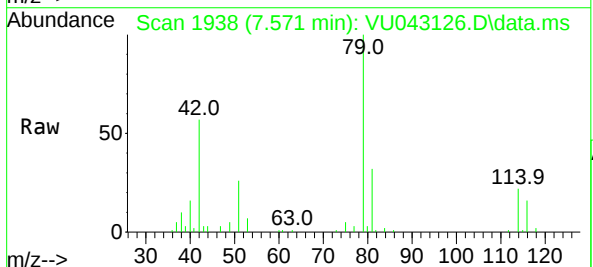
Instrument :
MSVOA_U
ClientSampled :

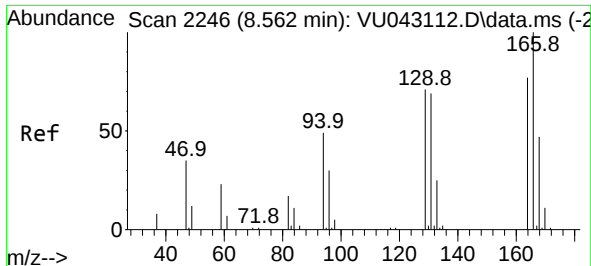
Tgt Ion: 63 Resp: 4144
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043126.D
Acq: 15 Apr 2021 17:20

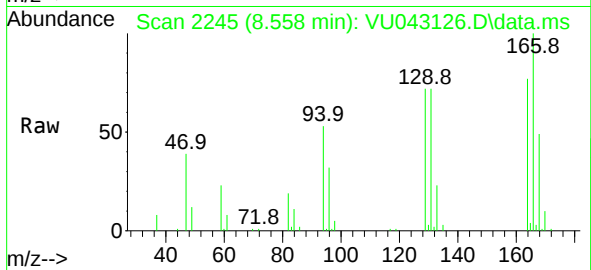
Tgt Ion: 75 Resp: 1127
Ion Ratio Lower Upper
75 100
77 52.5 21.8 40.6#



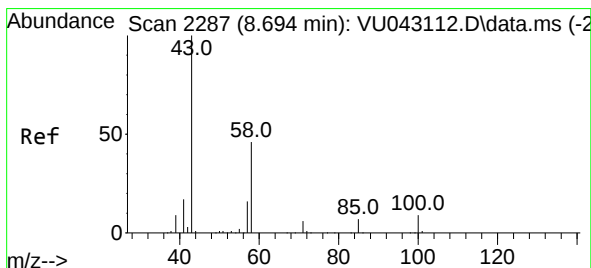
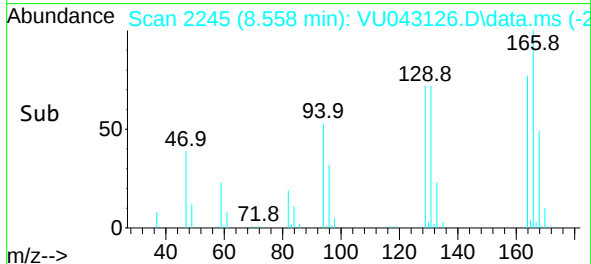
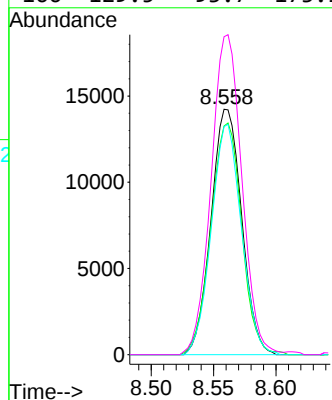


#47
Tetrachloroethene
Concen: 4.88 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043126.D
Acq: 15 Apr 2021 17:20

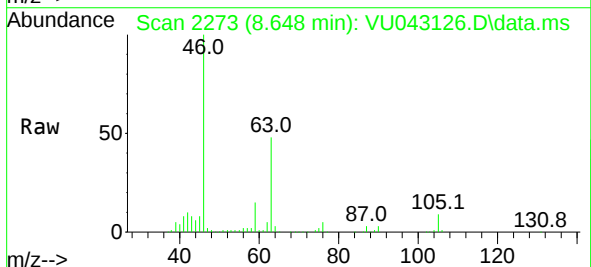
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MSVOA_U
ClientSampleId :



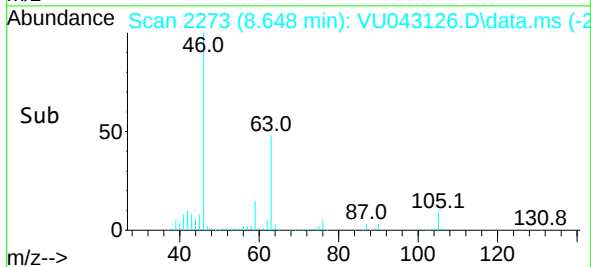
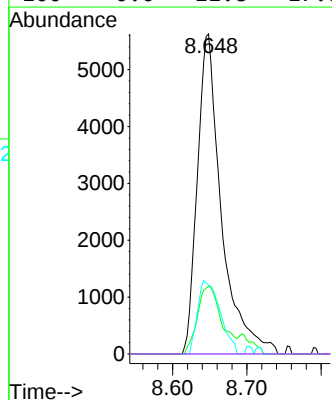
Tgt Ion:164 Resp: 24376
Ion Ratio Lower Upper
164 100
129 93.1 66.6 123.8
131 92.9 65.9 122.3
166 129.5 93.7 173.9

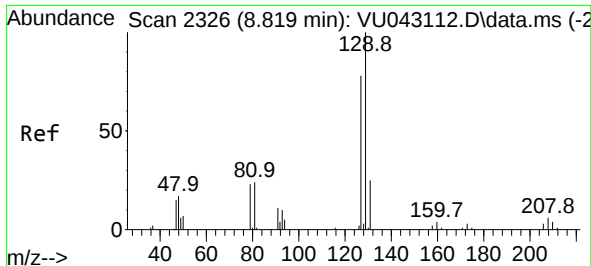


#48
2-Hexanone
Concen: 2.99 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.045 min
Lab File: VU043126.D
Acq: 15 Apr 2021 17:20



Tgt Ion: 43 Resp: 12672
Ion Ratio Lower Upper
43 100
58 21.4 50.0 75.0#
57 21.4 17.4 26.0
100 0.0 11.8 17.8#





#49

Dibromochloromethane

Concen: 3.81 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043126.D

Acq: 15 Apr 2021 17:20

Tgt Ion:129 Resp: 23127

Ion Ratio Lower Upper

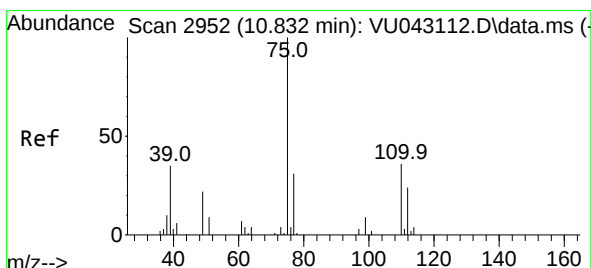
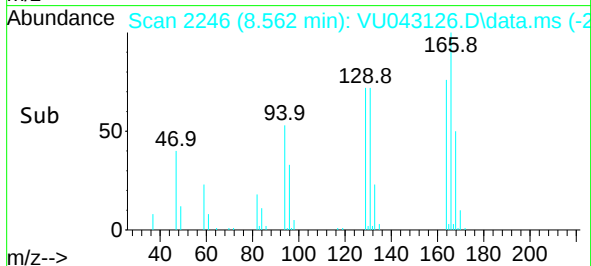
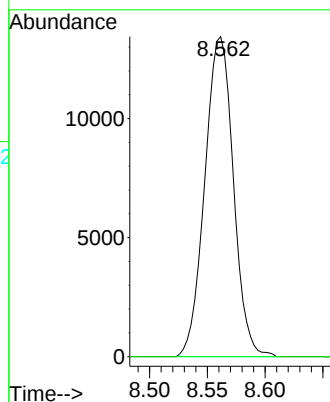
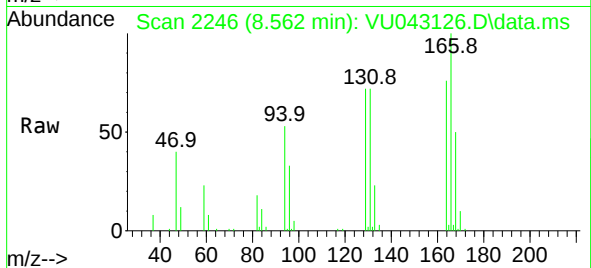
129 100

127 0.0 56.6 105.2#

Instrument :

MSVOA_U

ClientSampled :



#61

1,2,3-Trichloropropane

Concen: 1.29 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043126.D

Acq: 15 Apr 2021 17:20

Tgt Ion: 75 Resp: 5627

Ion Ratio Lower Upper

75 100

110 0.0 31.5 47.3#

77 39.4 26.3 39.5

