

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043295.D
 Acq On : 23 Apr 2021 16:46
 Operator : SY/MD
 Sample : M2127-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 24 06:33:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 24 06:31:00 2021
 Response via : Initial Calibration

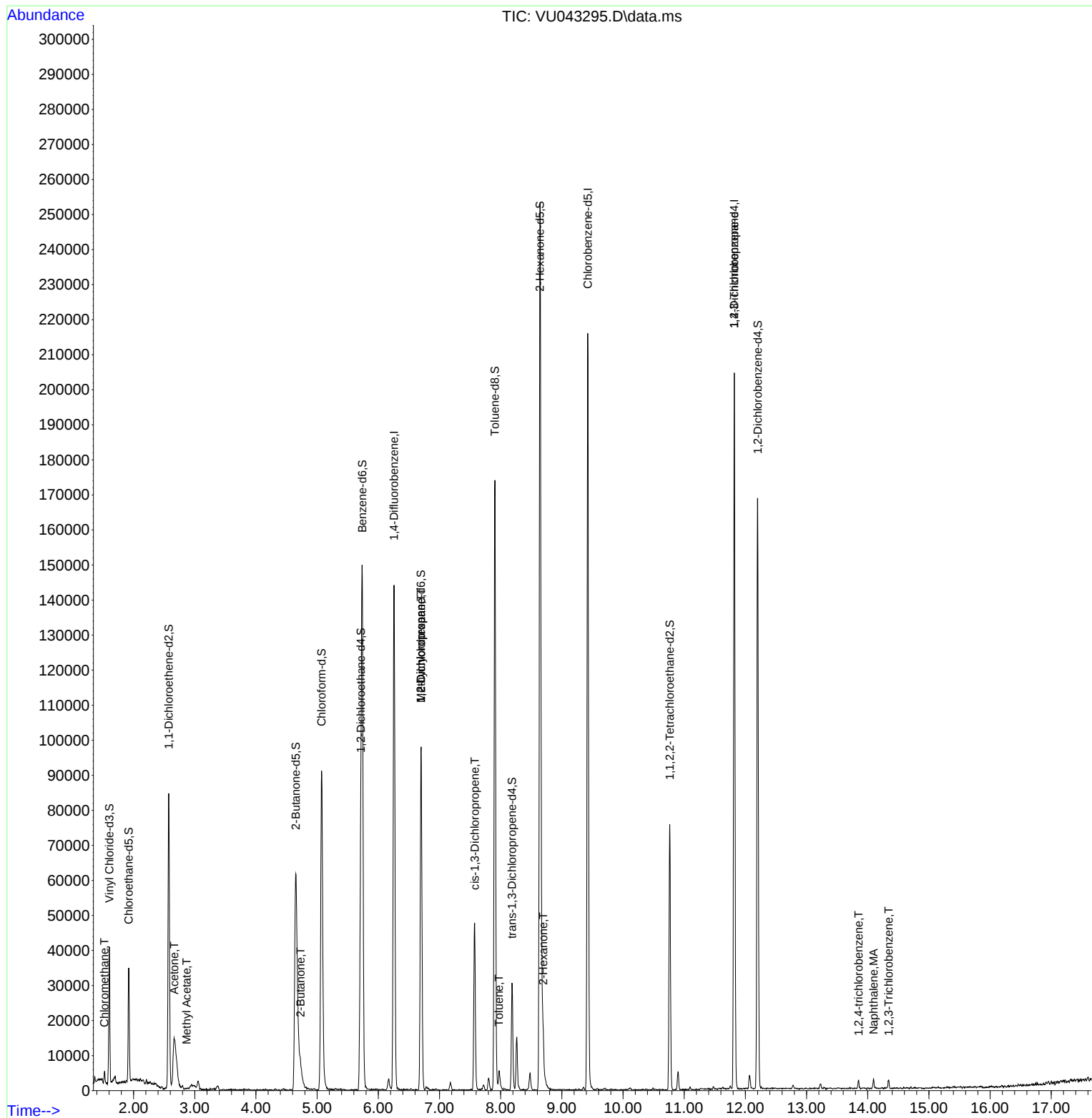
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	105673	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	104422	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	50084	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25622	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.919	69	22242	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.575	65	16225	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	4.652	46	133085	56.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	5.073	84	68153	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.713	65	43649	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.739	84	124909	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.700	67	41851	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.906	98	107710	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloroprop...	8.185	79	15462	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.642	63	79500	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34418	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	41713	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%
Target Compounds						
3) Chloromethane	1.523	50	2254	0.34	ug/L	Qvalue 95
13) Acetone	2.665	43	36416	21.03	ug/L	93
15) Methyl Acetate	2.867	43	312	0.10	ug/L	# 48
21) 2-Butanone	4.729	43	6545	2.29	ug/L	# 61
35) Methylcyclohexane	6.700	83	9551	0.90	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	5167	0.66	ug/L	# 87
39) cis-1,3-Dichloropropene	7.578	75	1248	0.11	ug/L	# 67
42) Toluene	7.973	91	3308	0.11	ug/L	95
48) 2-Hexanone	8.697	43	8099	1.57	ug/L	# 73
61) 1,2,3-Trichloropropane	11.819	75	6317	1.22	ug/L	# 65
70) 1,2,4-trichlorobenzene	13.851	180	926	0.09	ug/L	# 96
71) Naphthalene	14.095	128	2344	0.13	ug/L	# 93
72) 1,2,3-Trichlorobenzene	14.343	180	1053	0.11	ug/L	# 91

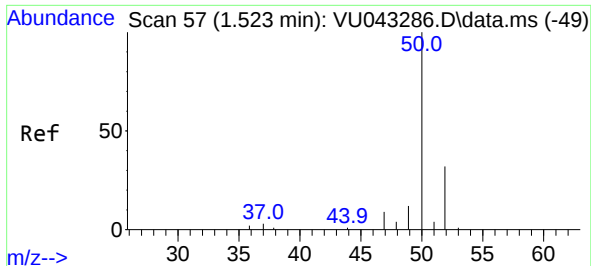
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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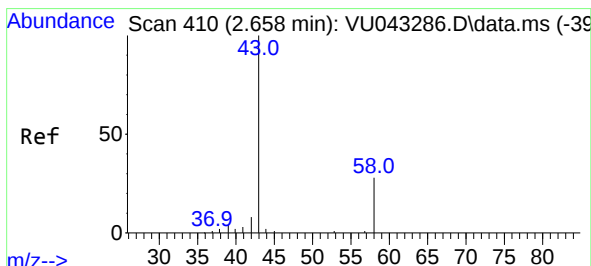
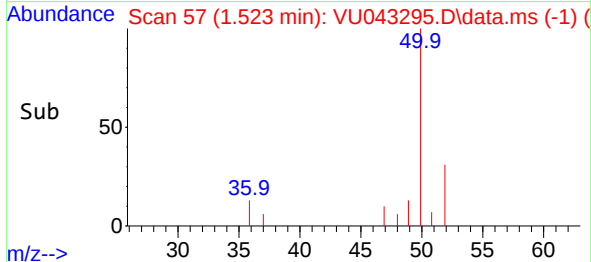
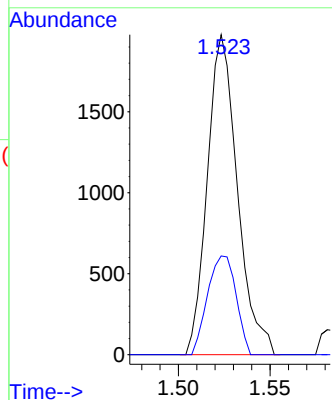
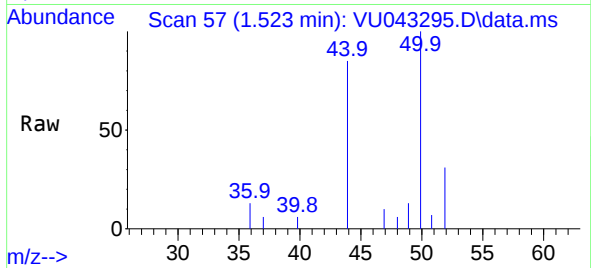




#3
Chloromethane
Concen: 0.34 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

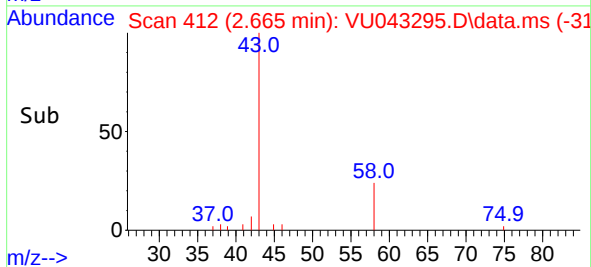
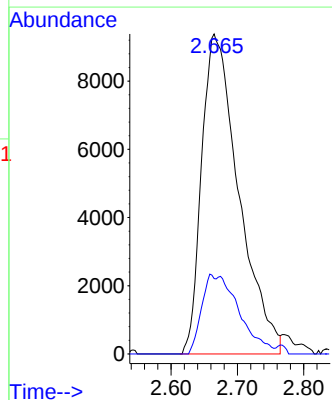
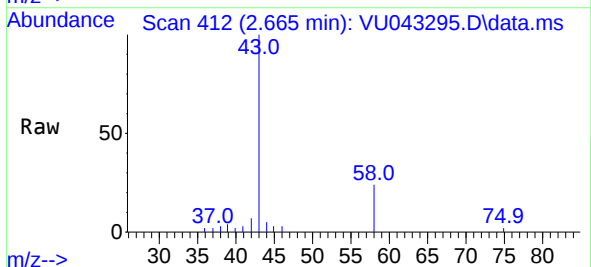
Instrument :
MSVOA_U
ClientSampled :

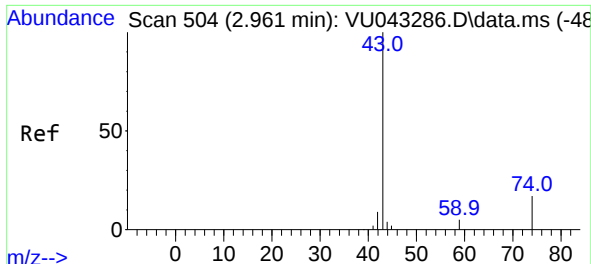
Tgt Ion: 50 Resp: 2254
Ion Ratio Lower Upper
50 100
52 30.9 23.6 43.8



#13
Acetone
Concen: 21.03 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

Tgt Ion: 43 Resp: 36416
Ion Ratio Lower Upper
43 100
58 9.9 0.0 25.0

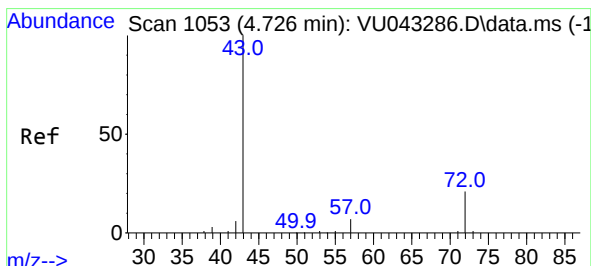
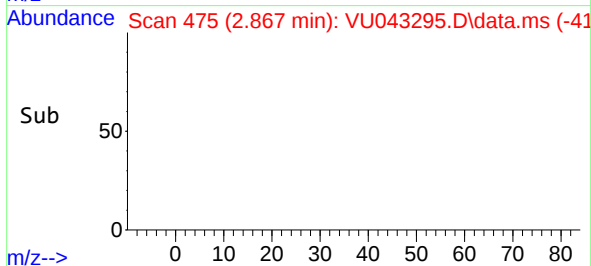
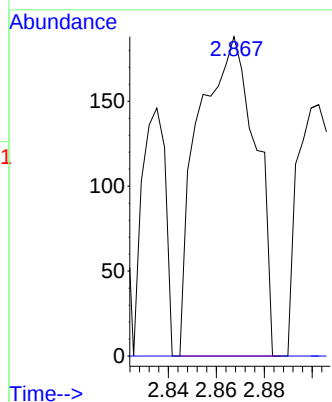
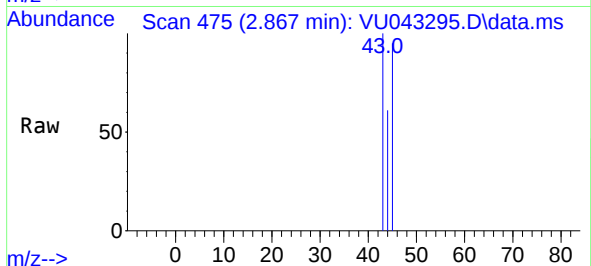




#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.867 min Scan# 475
Delta R.T. -0.093 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

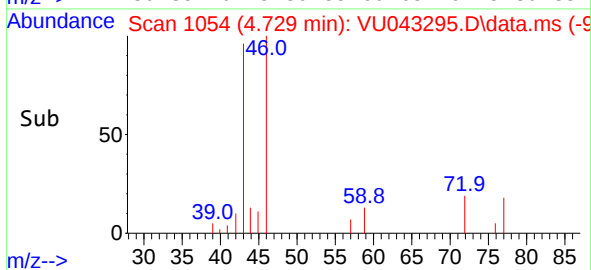
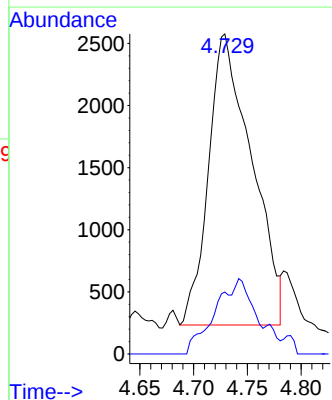
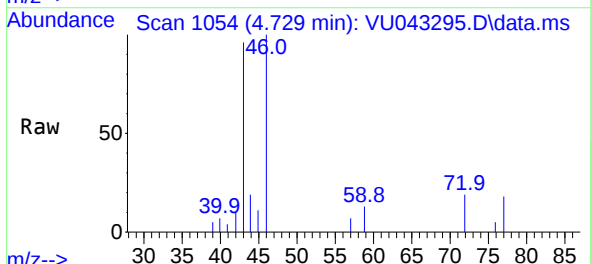
Instrument :
MSVOA_U
ClientSampled :

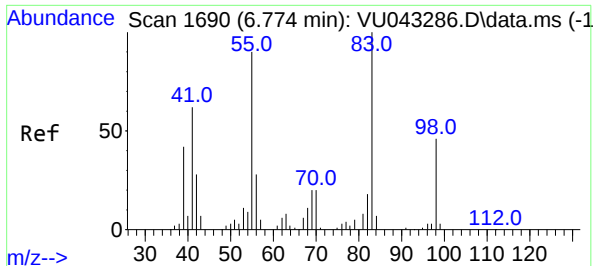
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#21
2-Butanone
Concen: 2.29 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

Tgt Ion: 43 Resp: 6545
Ion Ratio Lower Upper
43 100
72 10.1 15.8 47.3#

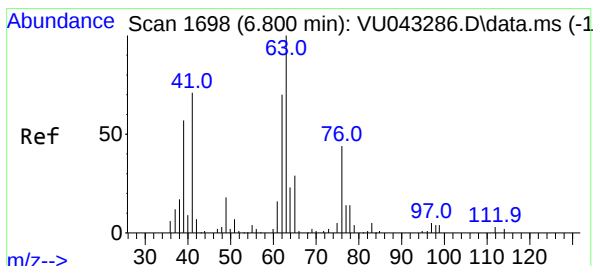
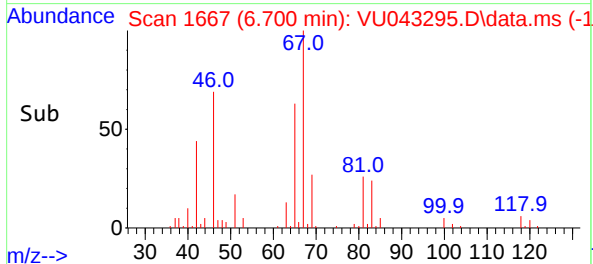
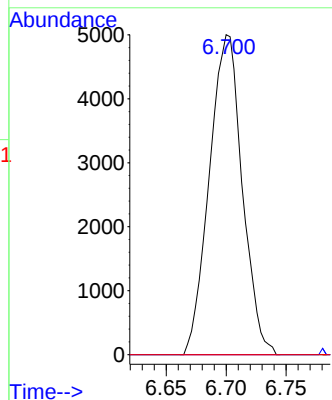
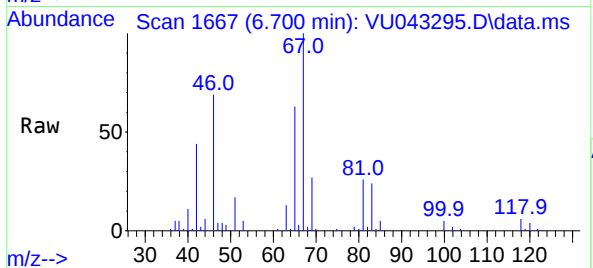




#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

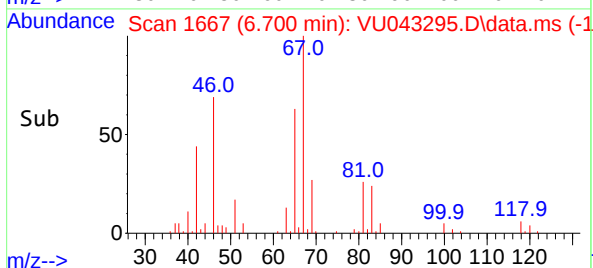
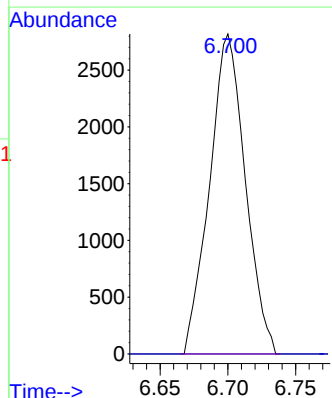
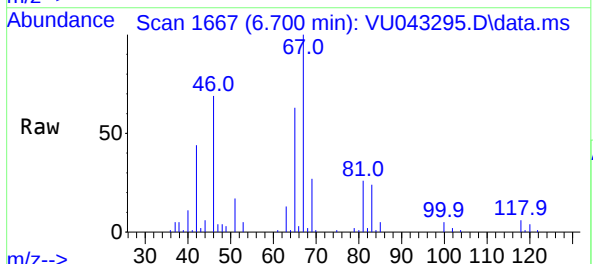
Instrument :
MSVOA_U
ClientSampled :

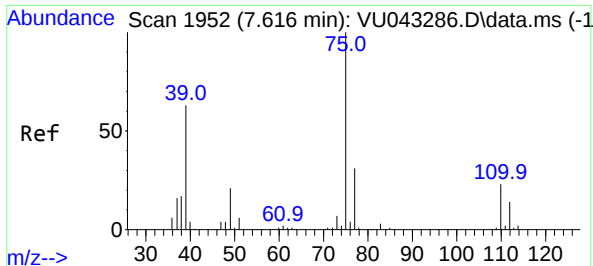
Tgt Ion:	83	Resp:	9551
Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.5	89.3#
98	0.0	37.9	56.9#



#37
1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

Tgt Ion:	63	Resp:	5167
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

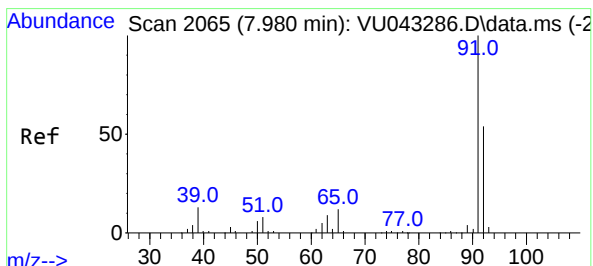
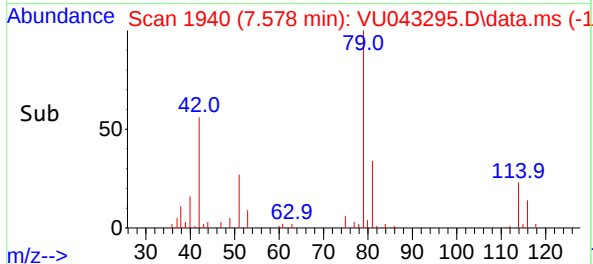
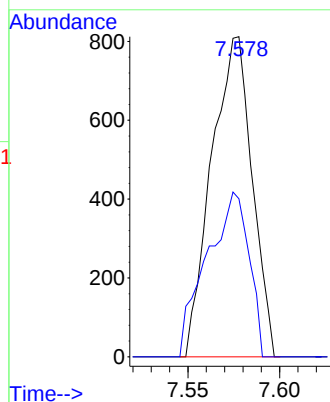
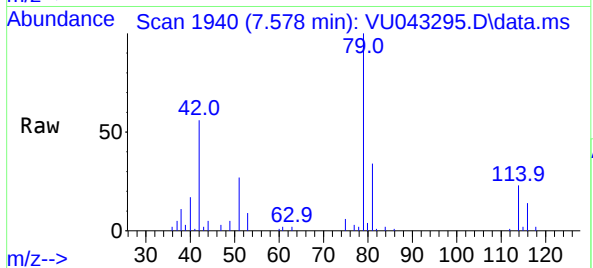




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

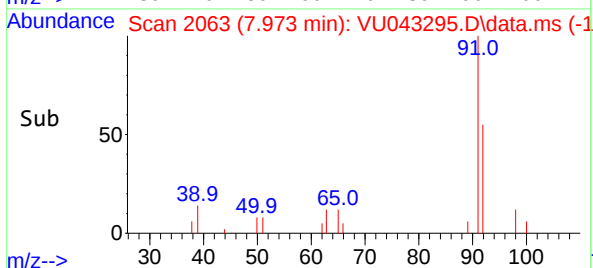
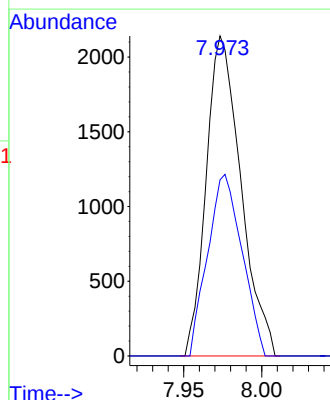
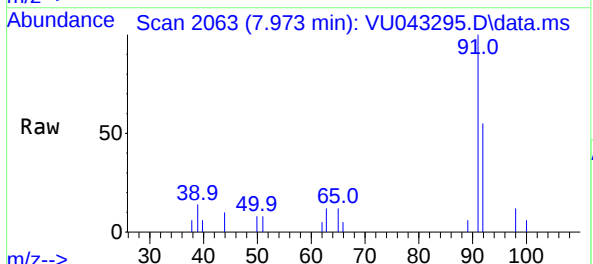
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MSVOA_U
ClientSampled :

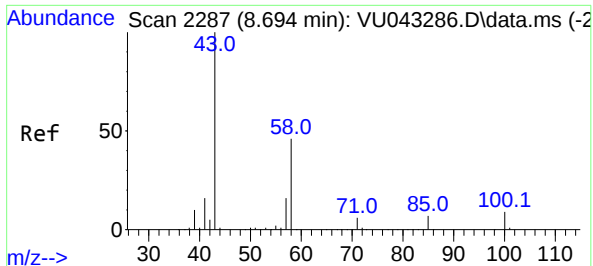
Tgt Ion: 75 Resp: 1248
Ion Ratio Lower Upper
75 100
77 49.4 21.8 40.6#



#42
Toluene
Concen: 0.11 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.007 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

Tgt Ion: 91 Resp: 3308
Ion Ratio Lower Upper
91 100
92 55.1 40.9 76.0



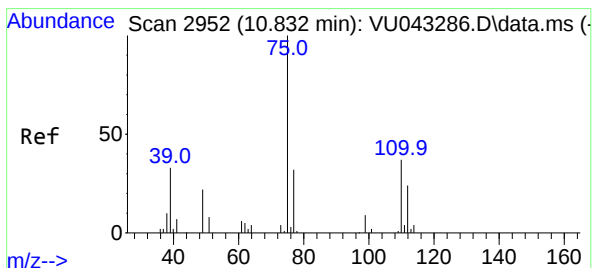
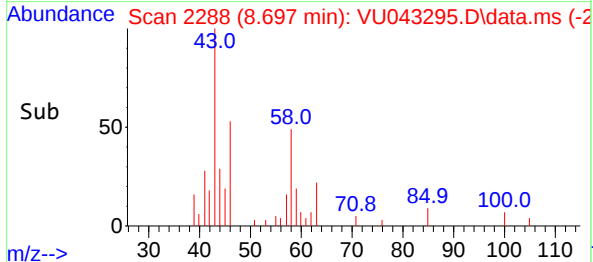
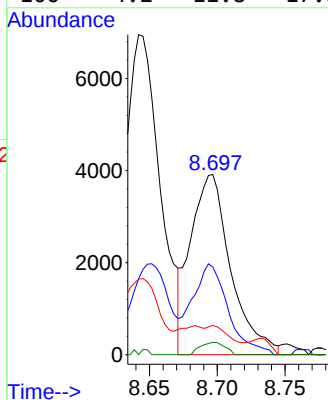
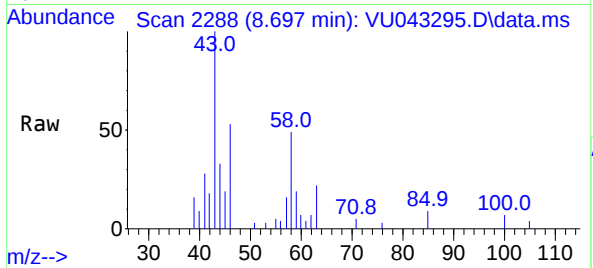


#48
2-Hexanone
Concen: 1.57 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 8099

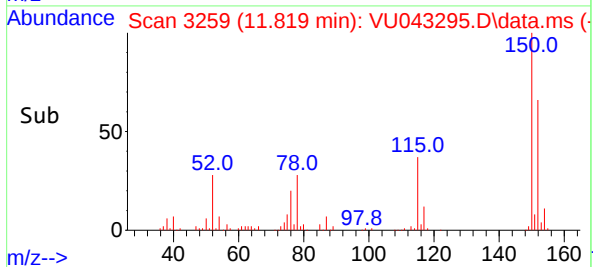
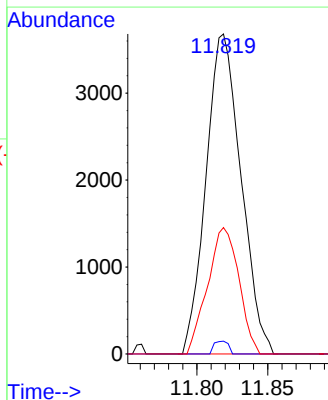
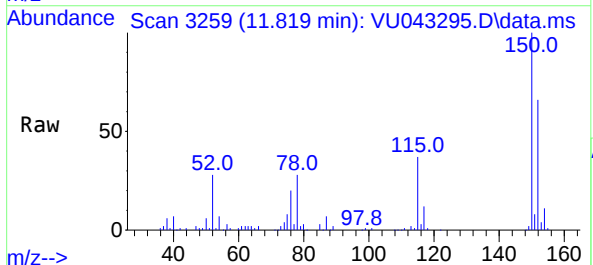
Ion	Ratio	Lower	Upper
43	100		
58	45.4	50.0	75.0#
57	1.5	17.4	26.0#
100	4.2	11.8	17.8#

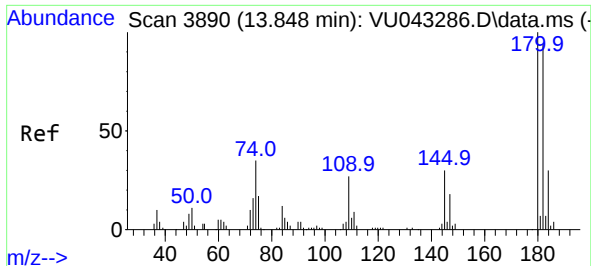


#61
1,2,3-Trichloropropane
Concen: 1.22 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

Tgt Ion: 75 Resp: 6317

Ion	Ratio	Lower	Upper
75	100		
110	1.6	31.5	47.3#
77	35.3	26.3	39.5

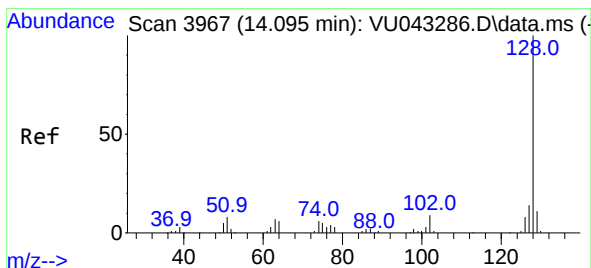
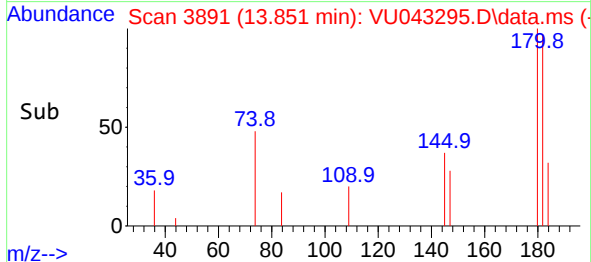
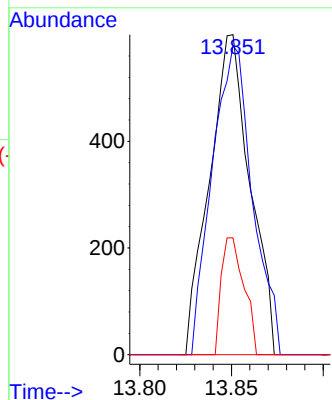
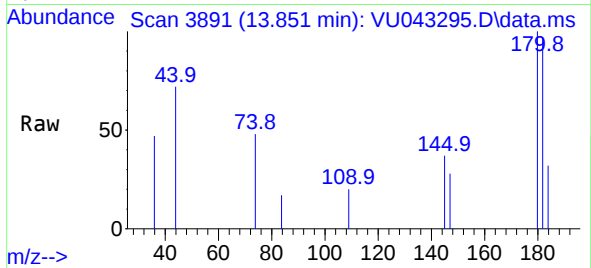




#70
1,2,4-trichlorobenzene
Concen: 0.09 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

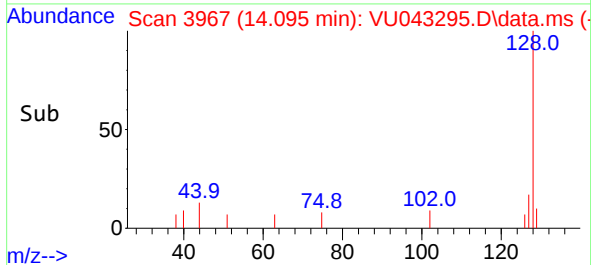
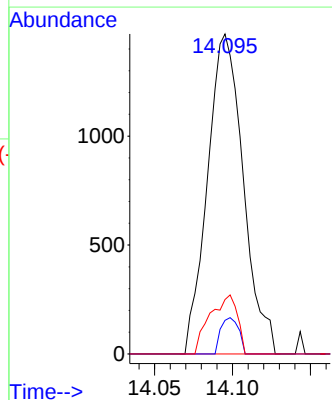
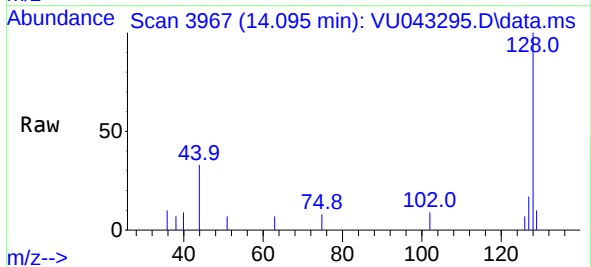
Instrument :
MSVOA_U
ClientSampleId :

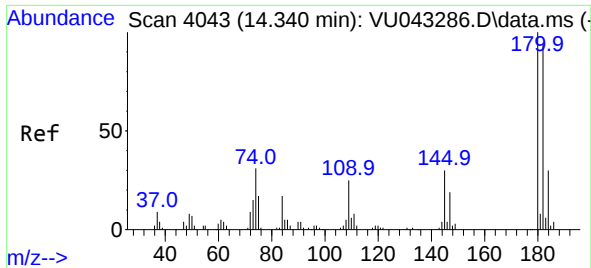
Tgt Ion:180 Resp: 926
Ion Ratio Lower Upper
180 100
182 95.7 76.5 114.7
145 20.2 24.1 36.1#



#71
Naphthalene
Concen: 0.13 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043295.D
Acq: 23 Apr 2021 16:46

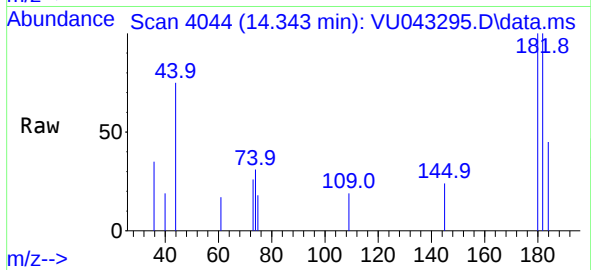
Tgt Ion:128 Resp: 2344
Ion Ratio Lower Upper
128 100
129 5.6 8.6 12.8#
127 14.1 10.6 15.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.11 ug/L
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.003 min
 Lab File: VU043295.D
 Acq: 23 Apr 2021 16:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 1053
 Ion Ratio Lower Upper
 180 100
 182 90.5 75.8 113.8
 145 18.2 25.0 37.4#

