

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043484.D
 Acq On : 03 May 2021 13:16
 Operator : SY/MD
 Sample : M2195-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 07:39:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

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

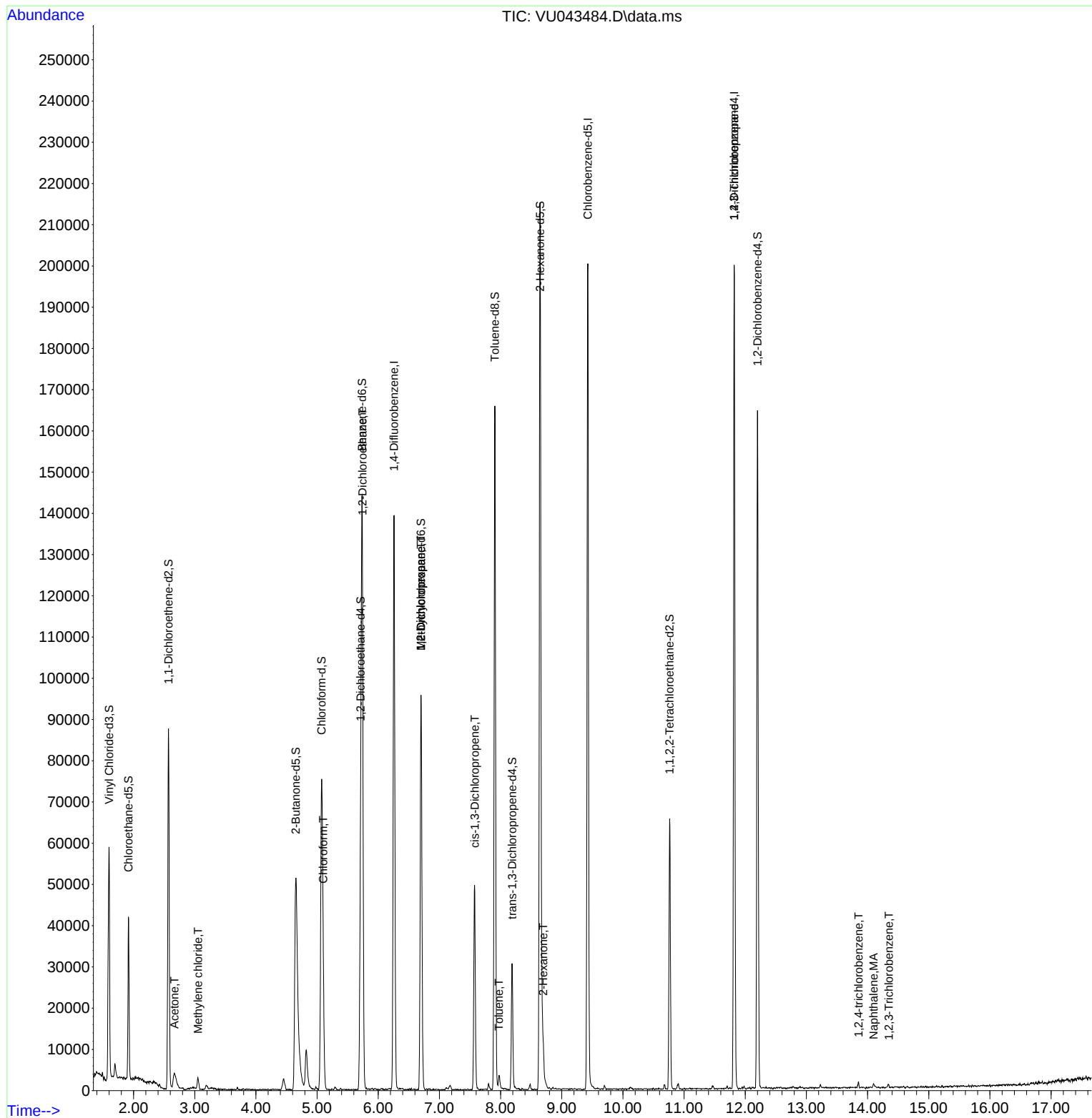
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	101185	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	99898	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47930	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34572	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.915	69	25800	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.571	65	16993	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.652	46	109125	43.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.40%
24) Chloroform-d	5.073	84	63461	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.713	65	39670	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.735	84	118297	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.700	67	40782	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.906	98	100061	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.189	79	16007	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.645	63	66502	41.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31265	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	38506	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%
Target Compounds						Qvalue
13) Acetone	2.668	43	10067	5.98	ug/L	79
16) Methylene chloride	3.054	84	1165	0.13	ug/L	94
25) Chloroform	5.099	83	19756	1.32	ug/L	99
27) 1,2-Dichloroethane	5.742	62	810	0.08	ug/L #	78
35) Methylcyclohexane	6.700	83	9373	1.08	ug/L #	12
37) 1,2-Dichloropropane	6.700	63	4893	0.62	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1315	0.13	ug/L #	47
42) Toluene	7.973	91	2290	0.08	ug/L	90
48) 2-Hexanone	8.697	43	5051	1.06	ug/L #	97
61) 1,2,3-Trichloropropane	11.819	75	6583	1.36	ug/L #	67
70) 1,2,4-trichlorobenzene	13.851	180	664	0.08	ug/L #	78
71) Naphthalene	14.098	128	1193	0.08	ug/L #	74
72) 1,2,3-Trichlorobenzene	14.346	180	444	0.06	ug/L #	73

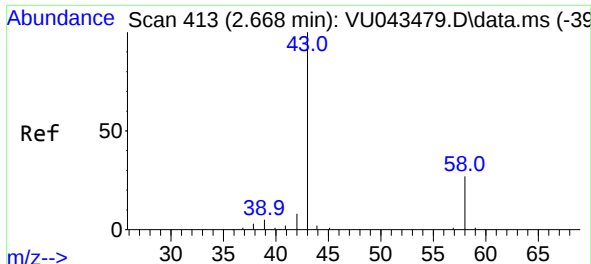
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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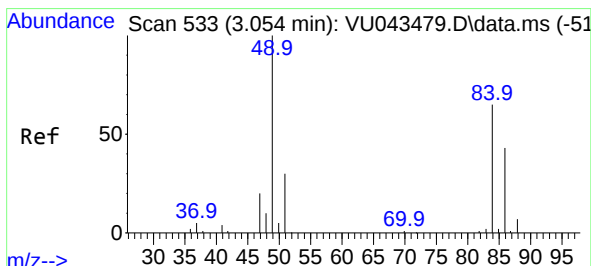
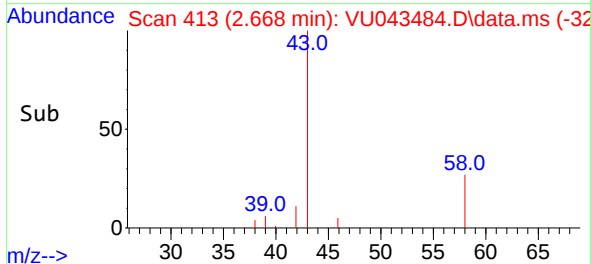
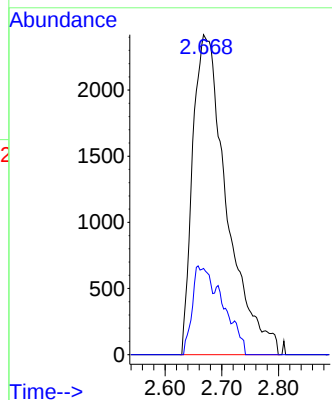
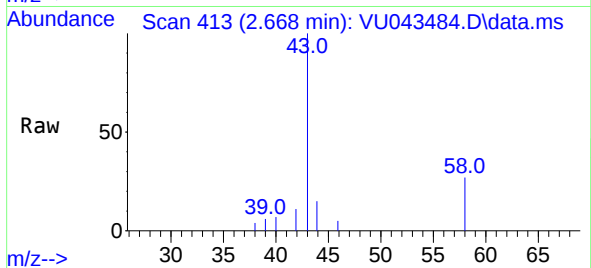




#13
Acetone
Concen: 5.98 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

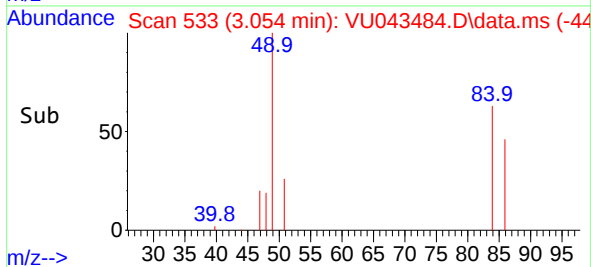
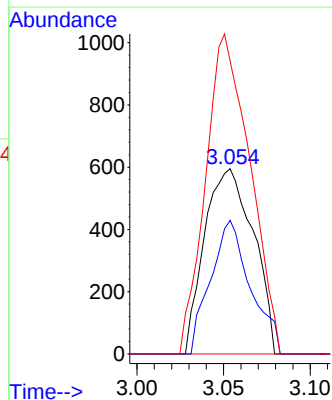
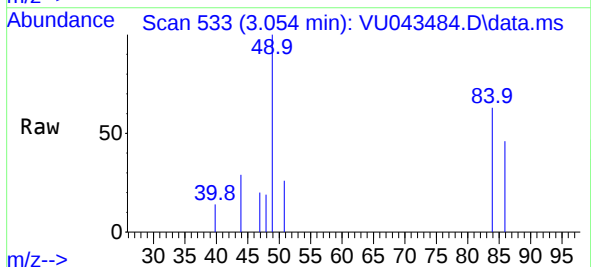
Instrument :
MSVOA_U
ClientSampled :

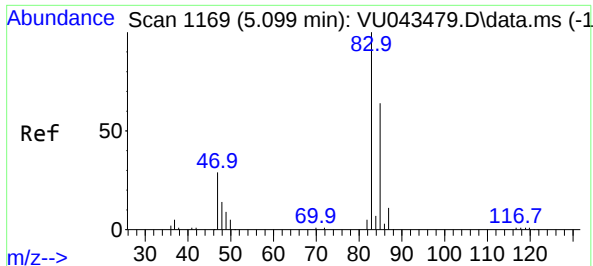
Tgt Ion: 43 Resp: 10067
Ion Ratio Lower Upper
43 100
58 14.8 0.0 50.8



#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Tgt Ion: 84 Resp: 1165
Ion Ratio Lower Upper
84 100
86 72.1 45.6 84.6
49 158.2 107.0 198.8



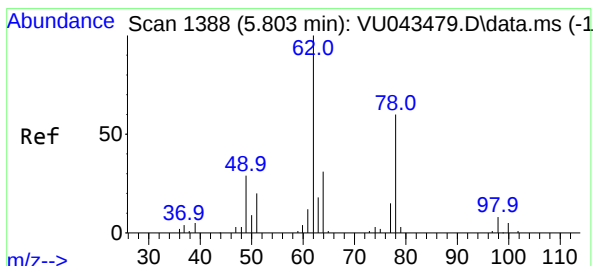
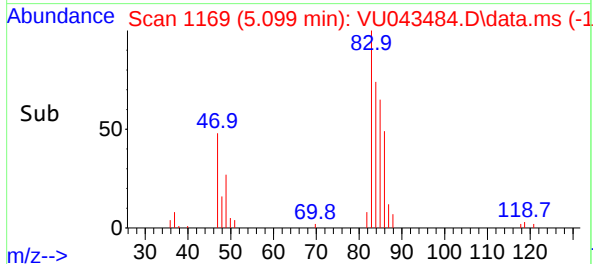
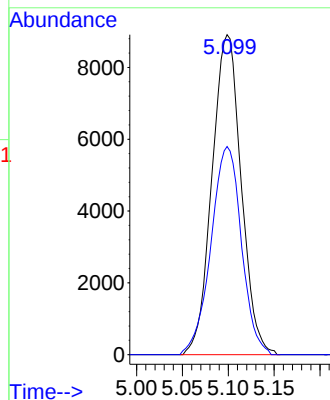
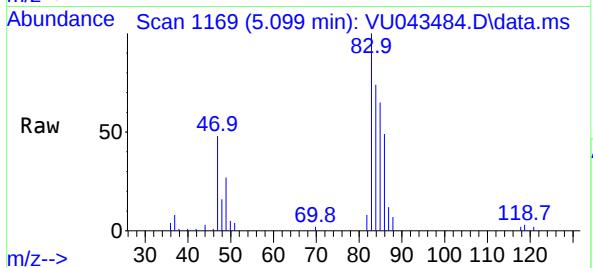


#25

Chloroform
Concen: 1.32 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Instrument :
MSVOA_U
ClientSampled :

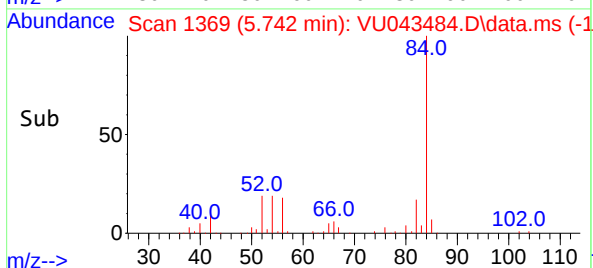
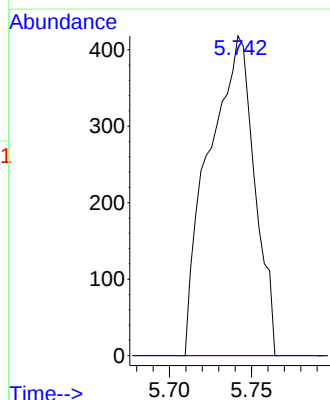
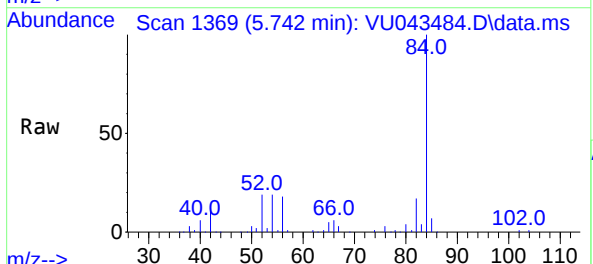
Tgt Ion: 83 Resp: 19756
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.9

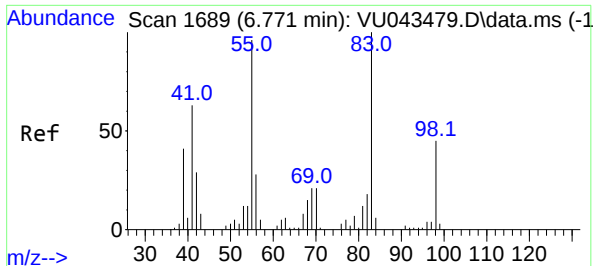


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Tgt Ion: 62 Resp: 810
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

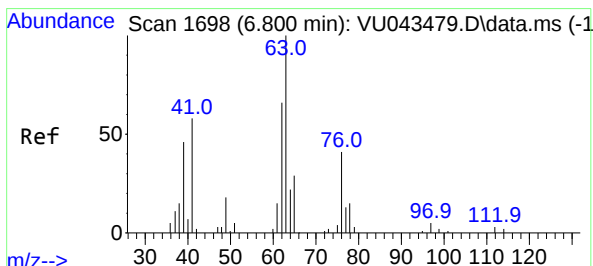
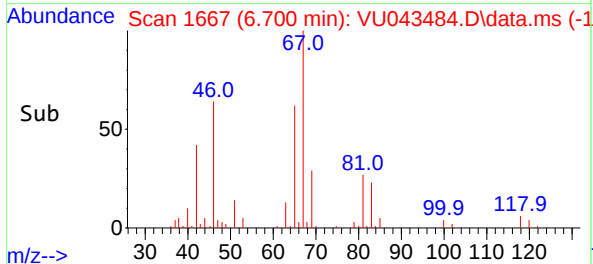
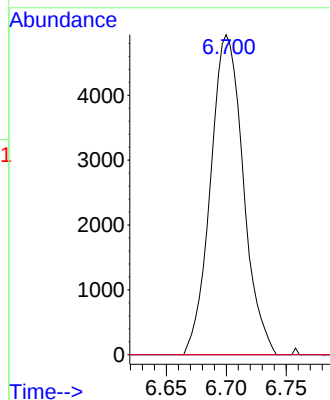
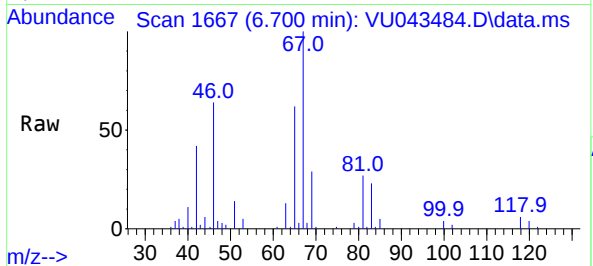




#35
Methylcyclohexane
Concen: 1.08 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

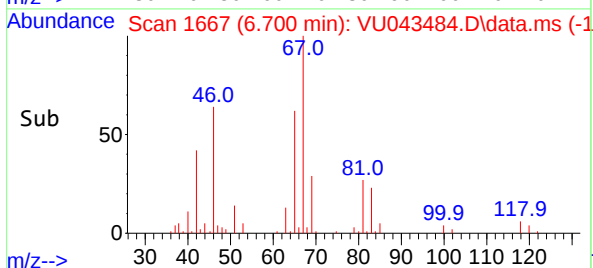
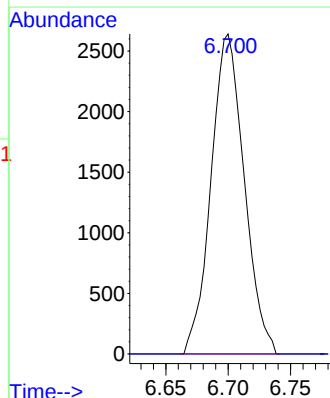
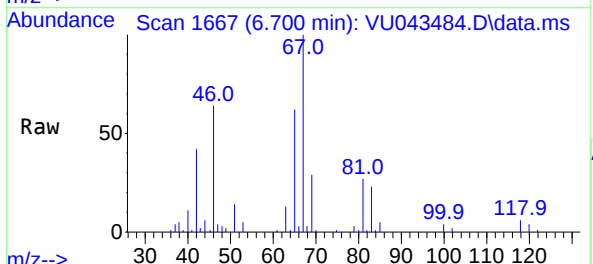
Instrument :
MSVOA_U
ClientSampled :

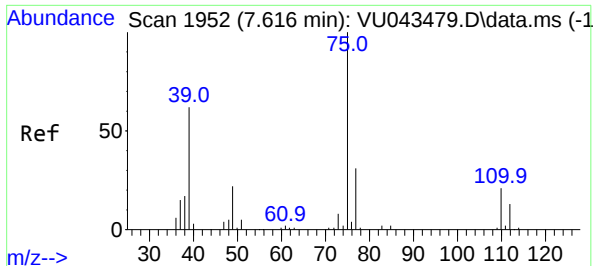
Tgt Ion:	83	Resp:	9373
Ion	Ratio	Lower	Upper
83	100		
55	0.0	75.8	113.8#
98	0.0	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Tgt Ion:	63	Resp:	4893
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

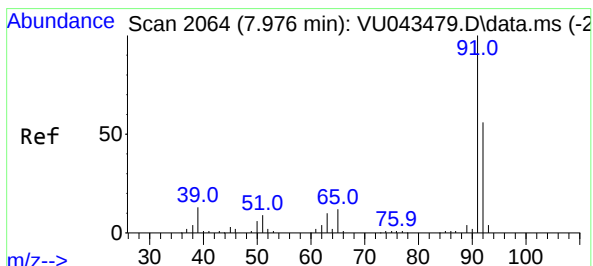
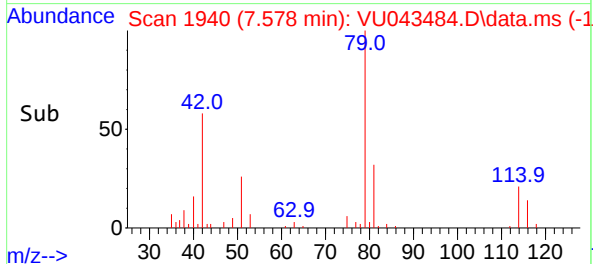
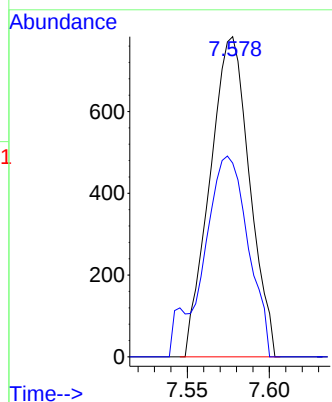
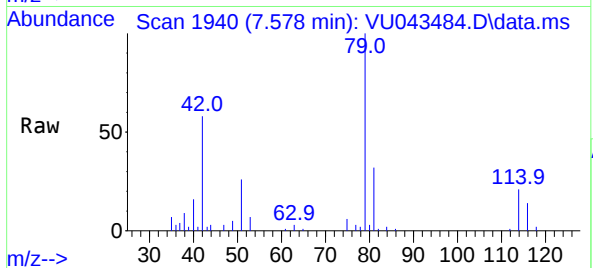




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

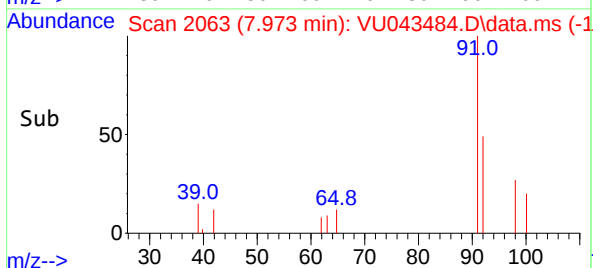
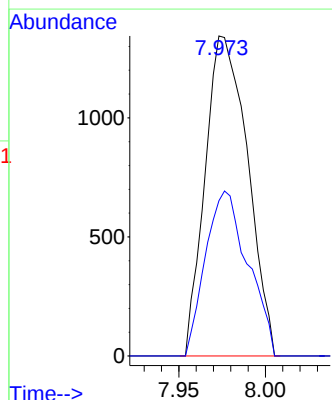
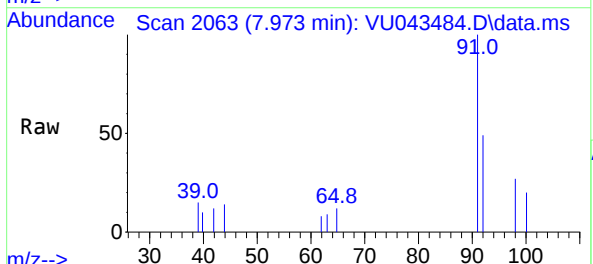
Instrument :
MSVOA_U
ClientSampled :

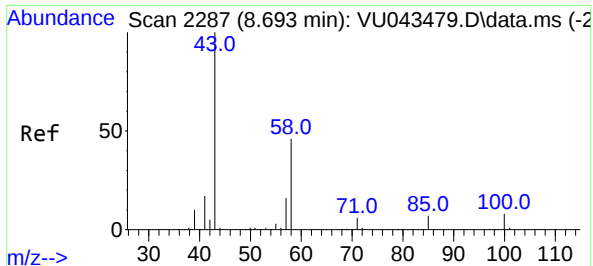
Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
77 60.5 21.9 40.7#



#42
Toluene
Concen: 0.08 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Tgt Ion: 91 Resp: 2290
Ion Ratio Lower Upper
91 100
92 48.5 39.1 72.5



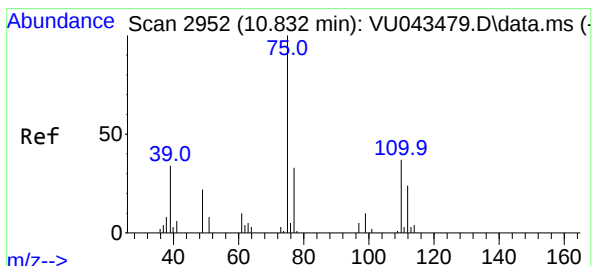
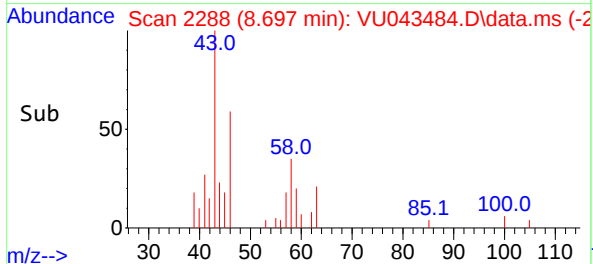
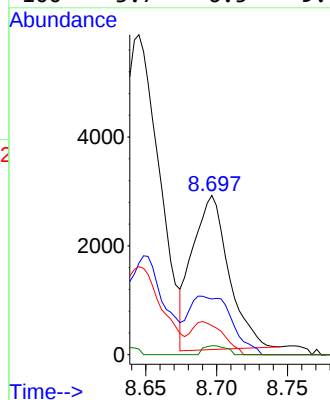
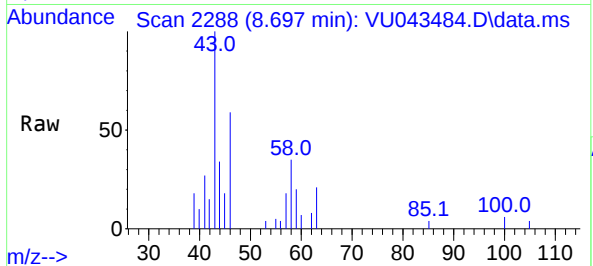


#48
2-Hexanone
Concen: 1.06 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 5051

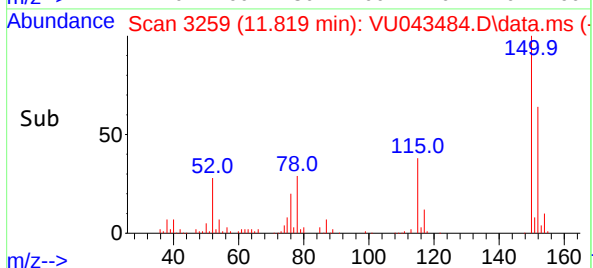
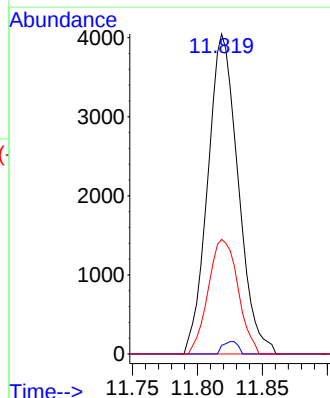
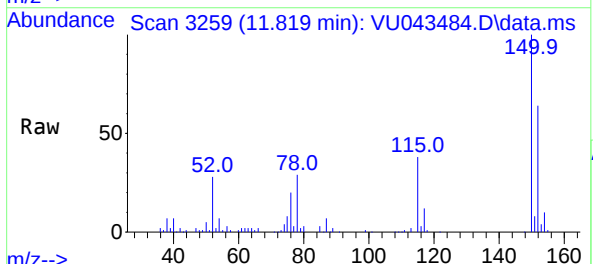
Ion	Ratio	Lower	Upper
43	100		
58	45.4	36.8	55.2
57	18.8	13.2	19.8
100	3.7	6.5	9.7

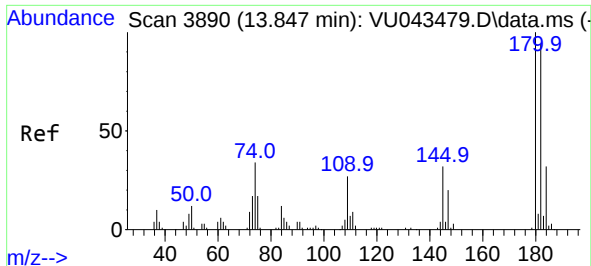


#61
1,2,3-Trichloropropane
Concen: 1.36 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

Tgt Ion: 75 Resp: 6583

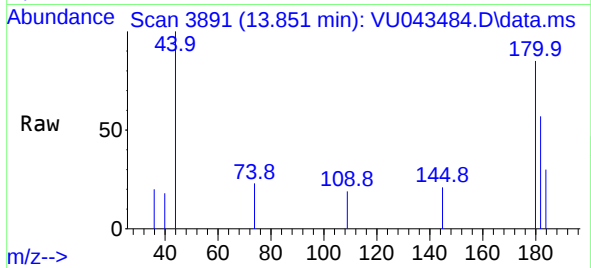
Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.6	42.8
77	35.0	25.7	38.5



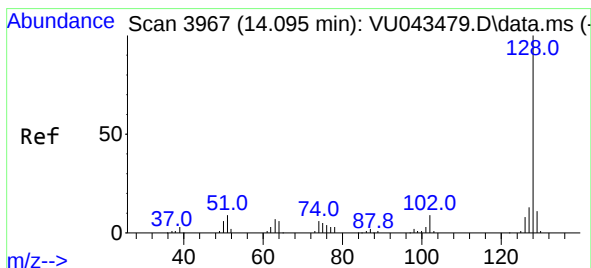
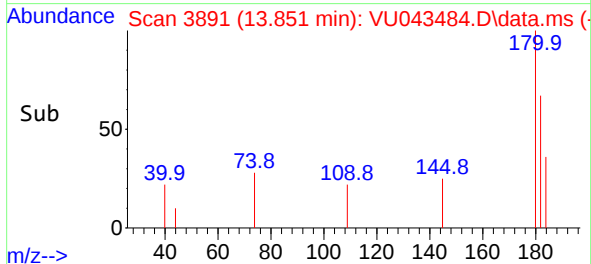
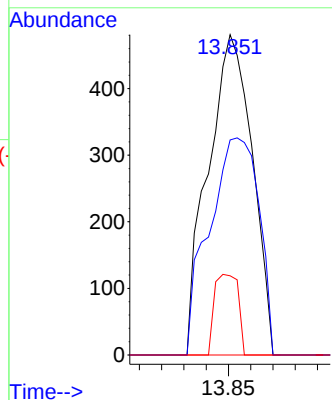


#70
1,2,4-trichlorobenzene
Concen: 0.08 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16

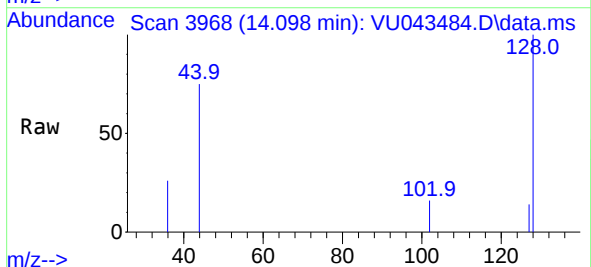
Instrument :
MSVOA_U
ClientSampled :



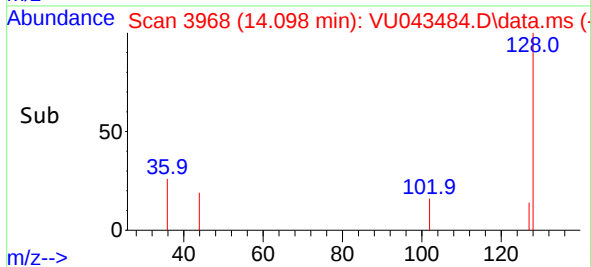
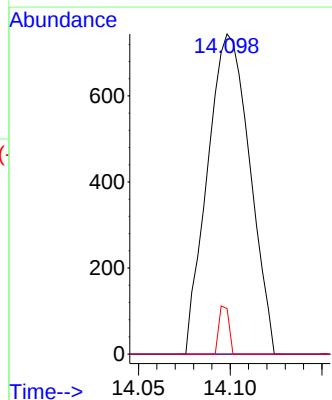
Tgt Ion:180 Resp: 664
Ion Ratio Lower Upper
180 100
182 76.4 75.9 113.9
145 13.4 24.6 37.0#

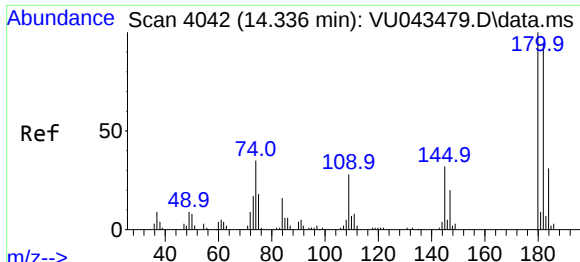


#71
Naphthalene
Concen: 0.08 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043484.D
Acq: 03 May 2021 13:16



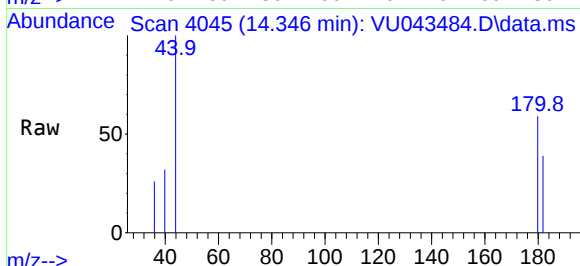
Tgt Ion:128 Resp: 1193
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 3.5 10.6 15.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.06 ug/L
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.010 min
 Lab File: VU043484.D
 Acq: 03 May 2021 13:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 444

Ion	Ratio	Lower	Upper
180	100		
182	78.8	75.7	113.5
145	0.0	25.7	38.5#

