

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043346.D
 Acq On : 27 Apr 2021 12:03
 Operator : SY/MD
 Sample : M2127-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 27 23:48:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

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

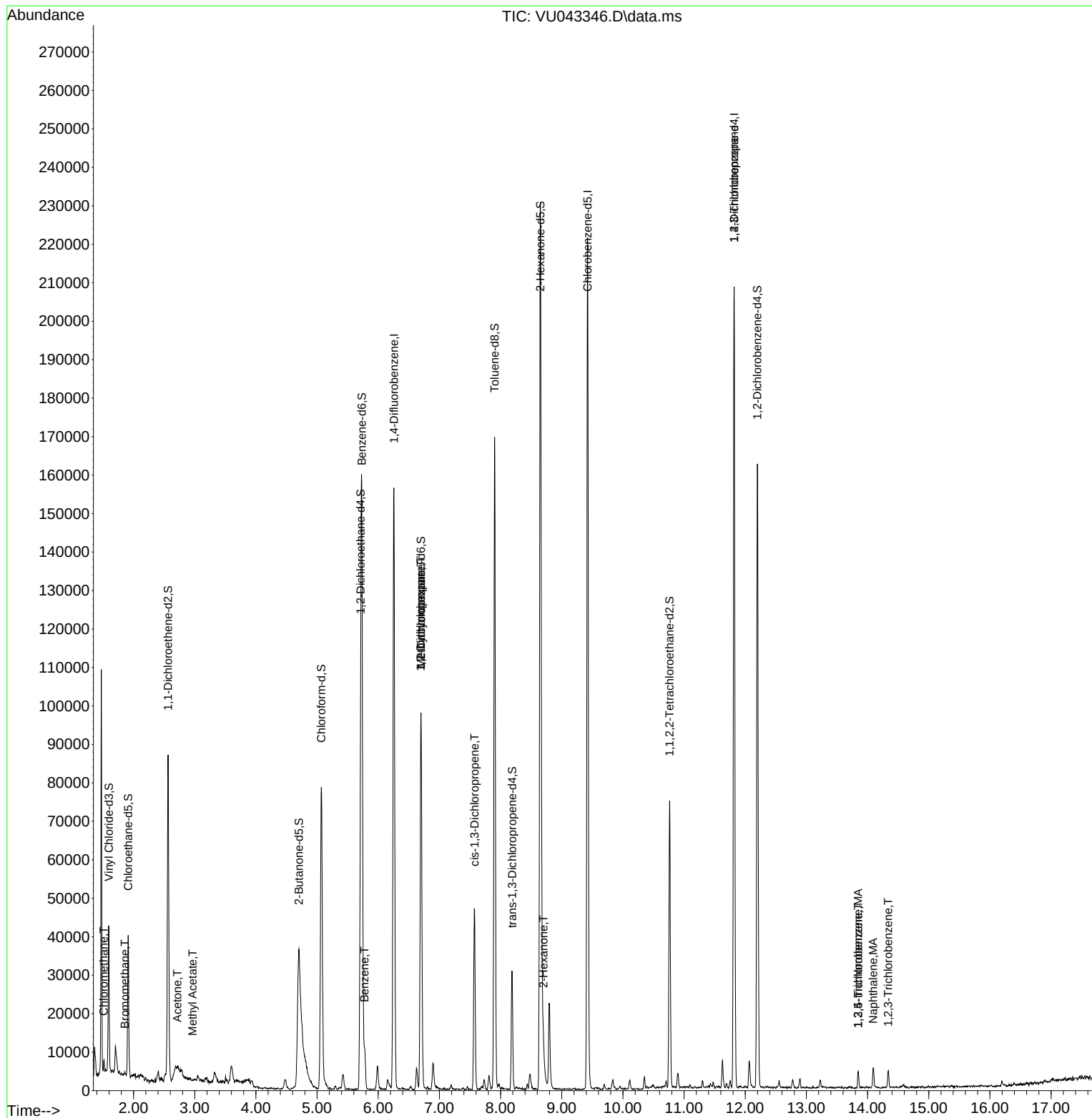
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	113157	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	108946	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	50753	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	25237	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.912	69	23642	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.565	65	14890	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.703	46	119419	47.32	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.070	84	67287	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.713	65	42791	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.732	84	117021	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	41032	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.902	98	100396	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.189	79	15182	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.648	63	72040	38.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34341	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	39496	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%
Target Compounds						
					Qvalue	
3) Chloromethane	1.514	50	2135	0.30	ug/L	95
6) Bromomethane	1.858	94	436	0.10	ug/L	# 66
13) Acetone	2.713	43	7326	3.95	ug/L	71
15) Methyl Acetate	2.964	43	412	0.12	ug/L	# 48
33) Benzene	5.774	78	8934	0.31	ug/L	100
35) Methylcyclohexane	6.700	83	9202	0.83	ug/L	# 26
37) 1,2-Dichloropropane	6.697	63	4935	0.60	ug/L	# 87
39) cis-1,3-Dichloropropene	7.574	75	1313	0.11	ug/L	# 78
48) 2-Hexanone	8.700	43	6579	1.22	ug/L	# 81
61) 1,2,3-Trichloropropane	11.819	75	7232	1.38	ug/L	# 62
69) 1,3,5-Trichlorobenzene	13.844	180	1320	0.10	ug/L	93
70) 1,2,4-trichlorobenzene	13.844	180	1320	0.13	ug/L	92
71) Naphthalene	14.092	128	4385	0.25	ug/L	# 92
72) 1,2,3-Trichlorobenzene	14.336	180	1610	0.17	ug/L	95

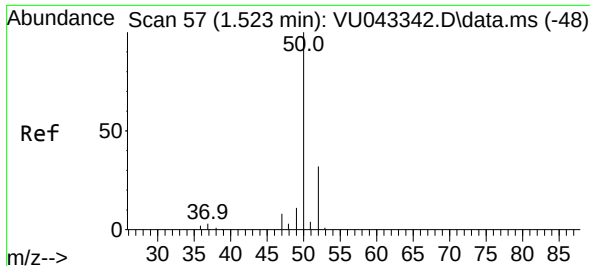
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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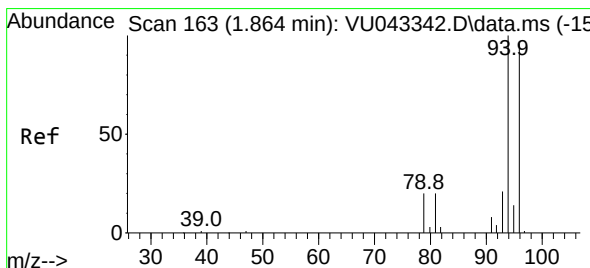
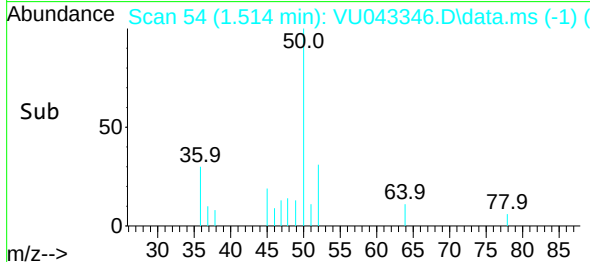
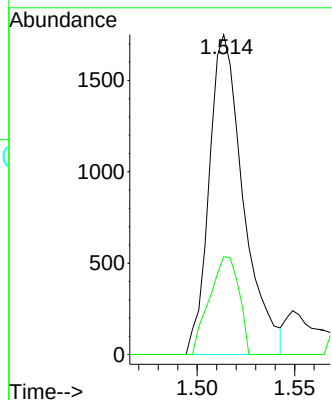
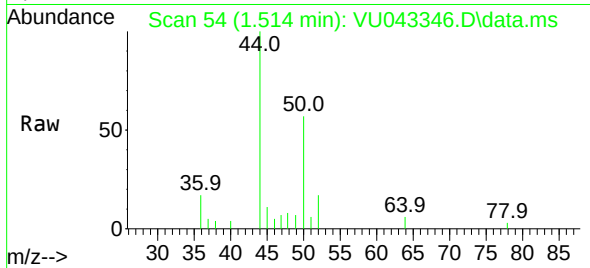




#3
Chloromethane
Concen: 0.30 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

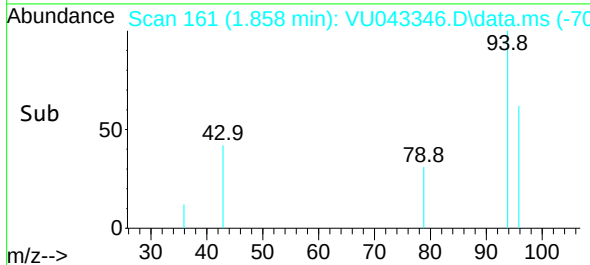
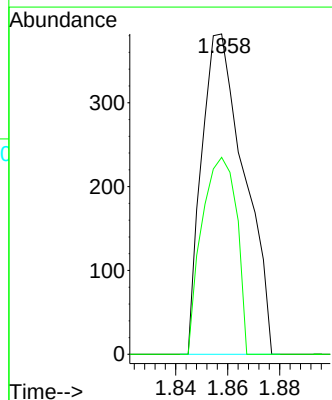
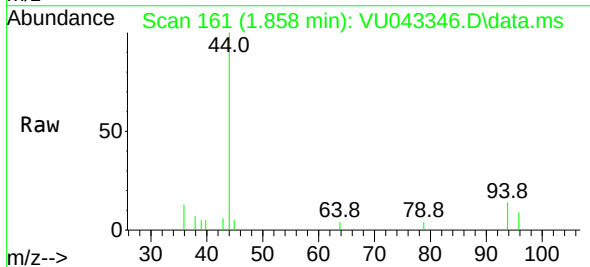
Instrument :
MSVOA_U
ClientSampled :

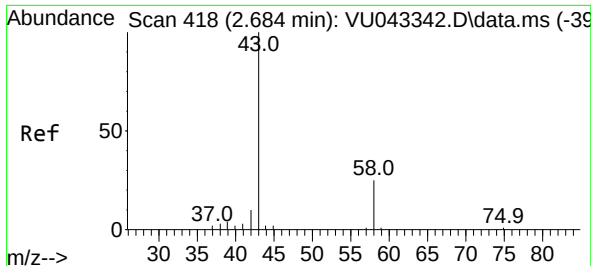
Tgt Ion: 50 Resp: 2135
Ion Ratio Lower Upper
50 100
52 30.6 23.6 43.8



#6
Bromomethane
Concen: 0.10 ug/L
RT: 1.858 min Scan# 161
Delta R.T. -0.007 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 61.5 66.1 122.7#

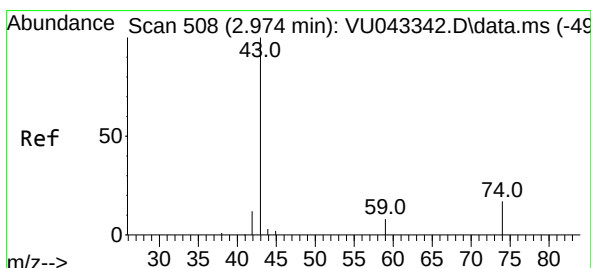
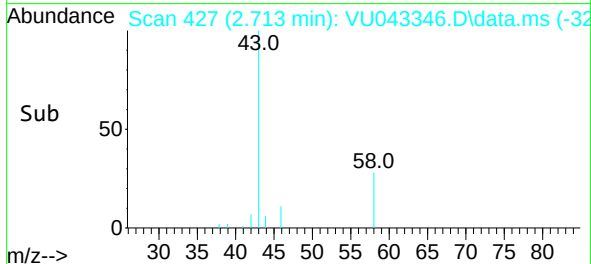
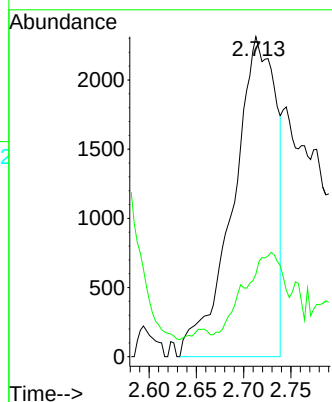
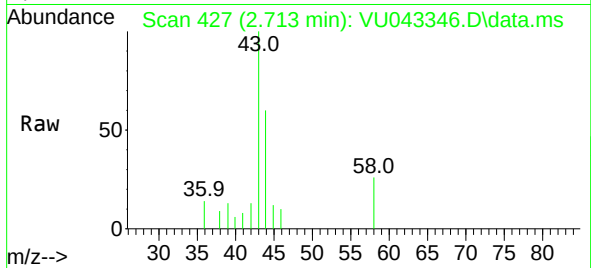




#13
Acetone
Concen: 3.95 ug/L
RT: 2.713 min Scan# 427
Delta R.T. 0.029 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

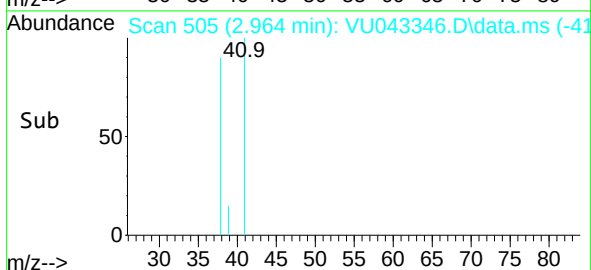
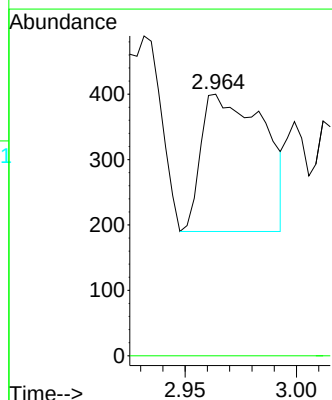
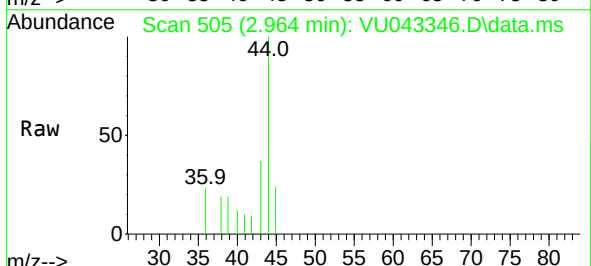
Instrument :
MSVOA_U
ClientSampled :

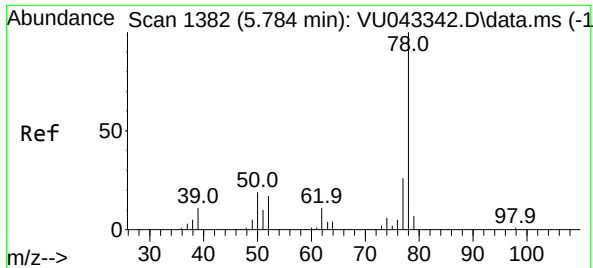
Tgt Ion: 43 Resp: 7326
Ion Ratio Lower Upper
43 100
58 24.0 0.0 25.0



#15
Methyl Acetate
Concen: 0.12 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.010 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#

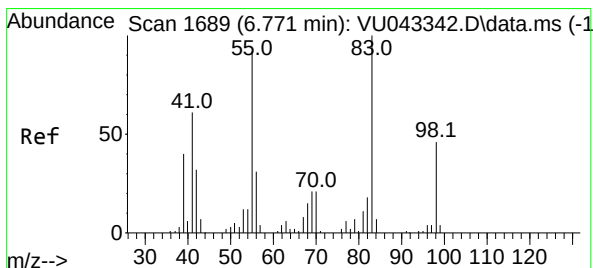
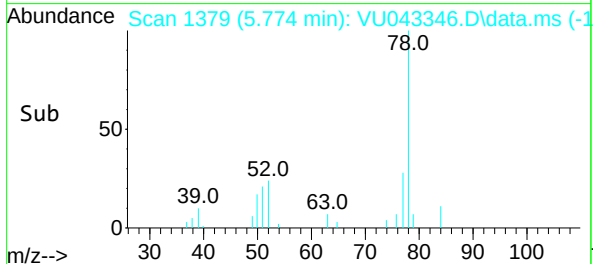
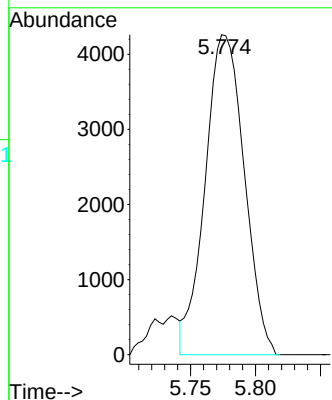
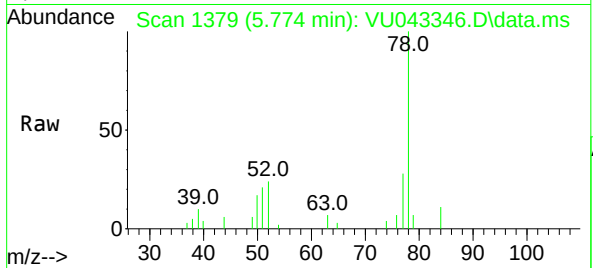




#33
Benzene
Concen: 0.31 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.010 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

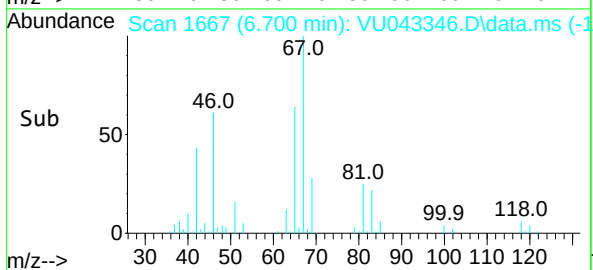
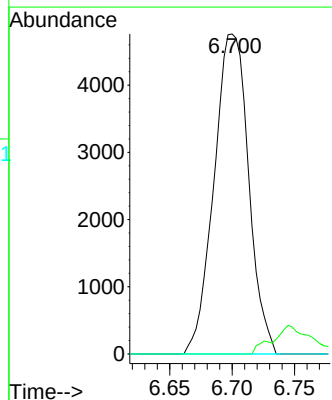
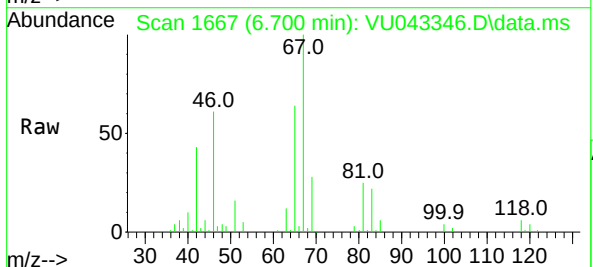
Instrument :
MSVOA_U
ClientSampled :

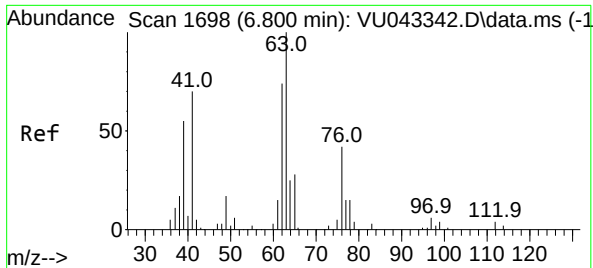
Tgt Ion: 78 Resp: 8934



#35
Methylcyclohexane
Concen: 0.83 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Tgt Ion: 83 Resp: 9202
Ion Ratio Lower Upper
83 100
55 9.5 59.5 89.3#
98 0.0 37.9 56.9#

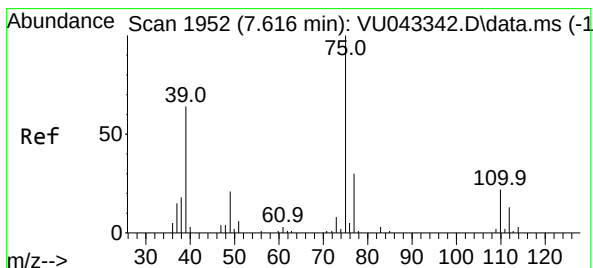
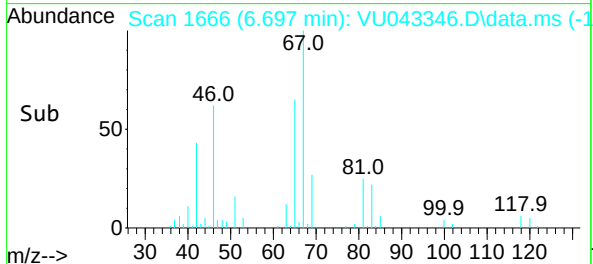
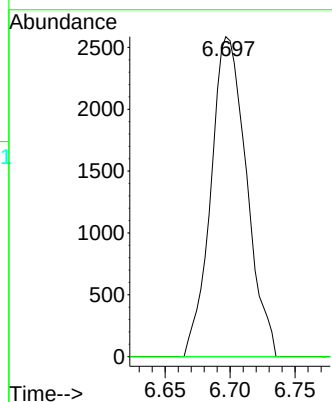
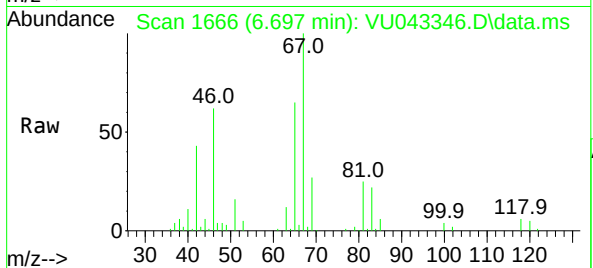




#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

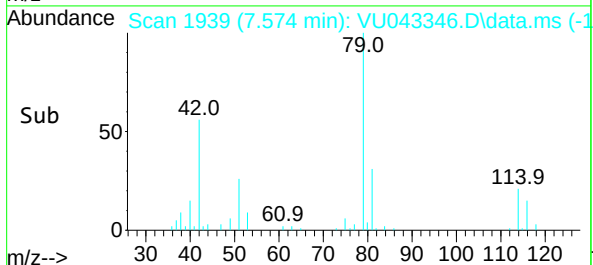
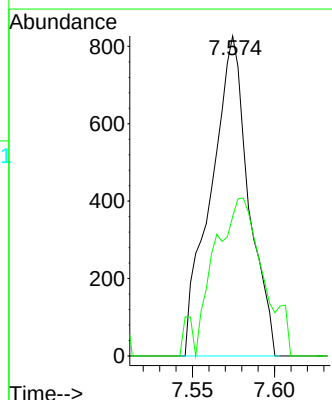
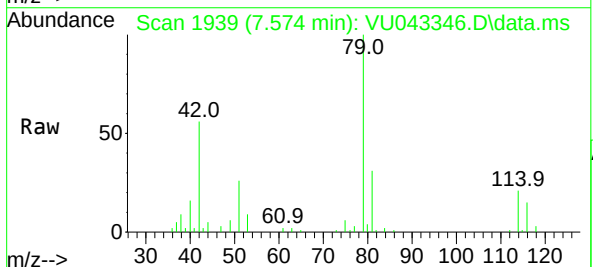
Instrument :
MSVOA_U
ClientSampled :

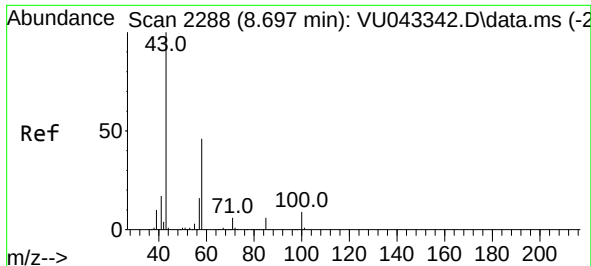
Tgt Ion: 63 Resp: 4935
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

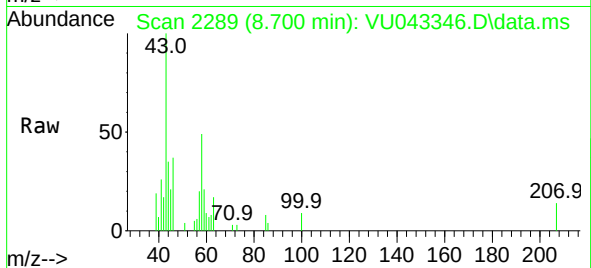
Tgt Ion: 75 Resp: 1313
Ion Ratio Lower Upper
75 100
77 43.5 21.8 40.6#



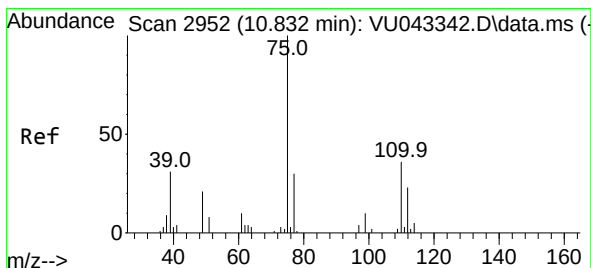
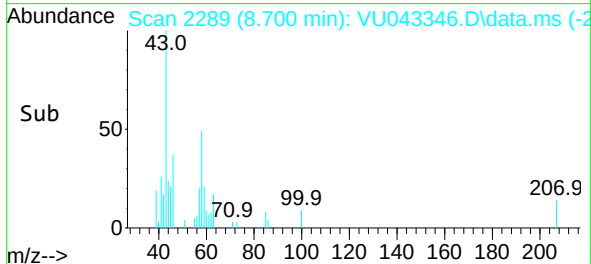
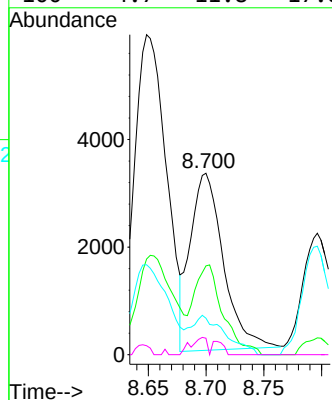


#48
2-Hexanone
Concen: 1.22 ug/L
RT: 8.700 min Scan# 2289
Delta R.T. 0.003 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Instrument :
MSVOA_U
ClientSampled :

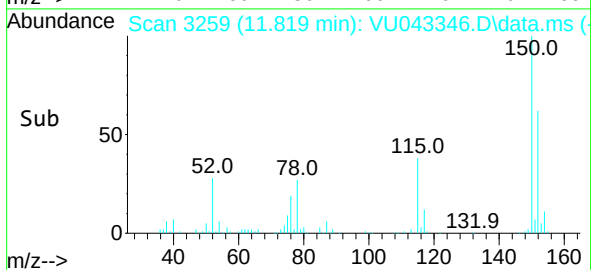
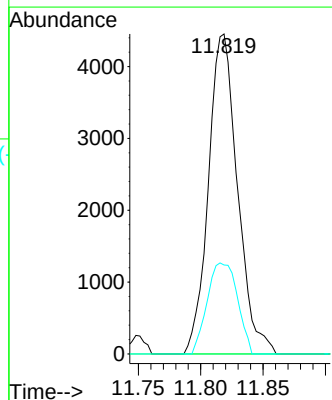
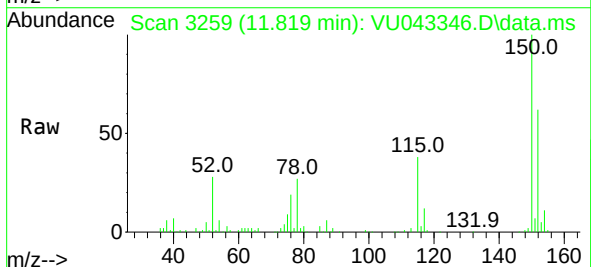


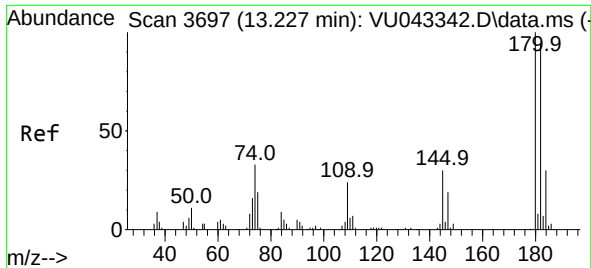
Tgt Ion:	43	Resp:	6579
Ion	Ratio	Lower	Upper
43	100		
58	43.3	50.0	75.0#
57	21.5	17.4	26.0
100	4.7	11.8	17.8#



#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Tgt Ion:	75	Resp:	7232
Ion	Ratio	Lower	Upper
75	100		
110	0.0	31.5	47.3#
77	29.5	26.3	39.5



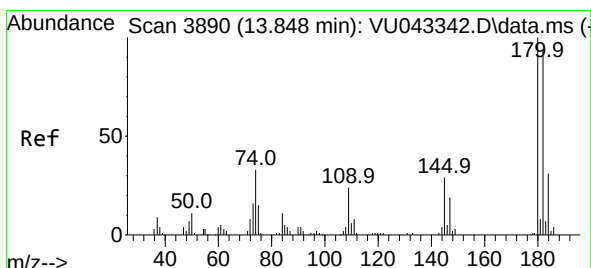
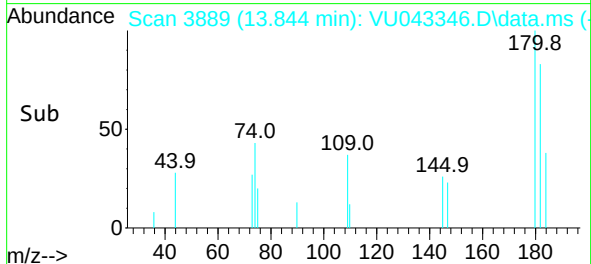
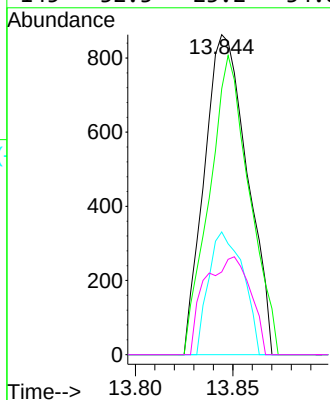
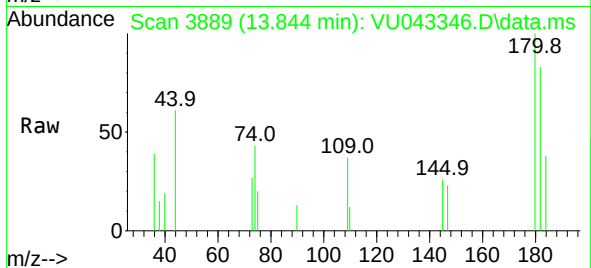


#69
 1,3,5-Trichlorobenzene
 Concen: 0.10 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.617 min
 Lab File: VU043346.D
 Acq: 27 Apr 2021 12:03

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion:180 Resp: 1320

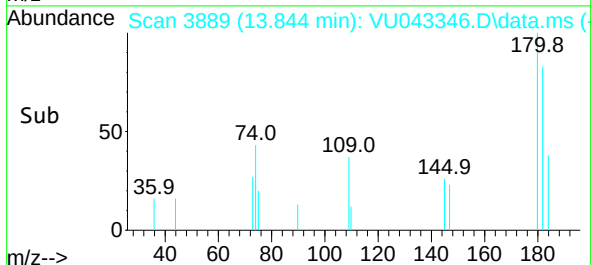
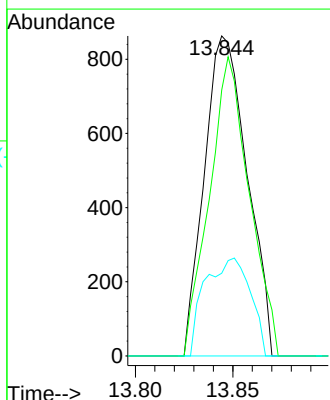
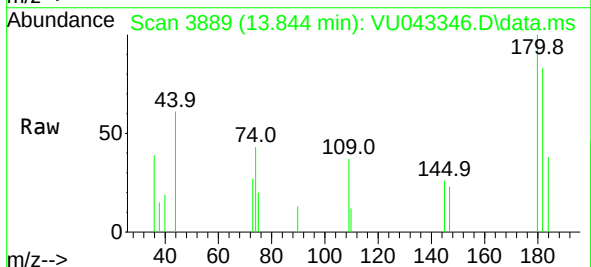
Ion	Ratio	Lower	Upper
180	100		
182	87.1	76.1	114.1
184	30.8	24.0	36.0
145	32.3	23.2	34.8

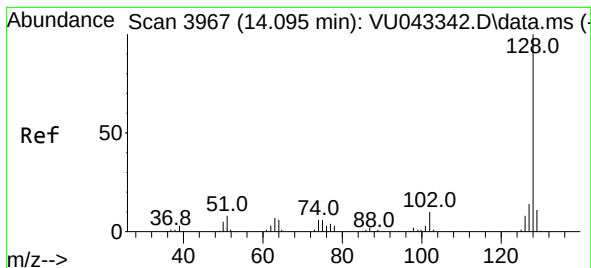


#70
 1,2,4-trichlorobenzene
 Concen: 0.13 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.003 min
 Lab File: VU043346.D
 Acq: 27 Apr 2021 12:03

Tgt Ion:180 Resp: 1320

Ion	Ratio	Lower	Upper
180	100		
182	87.1	76.5	114.7
145	32.3	24.1	36.1

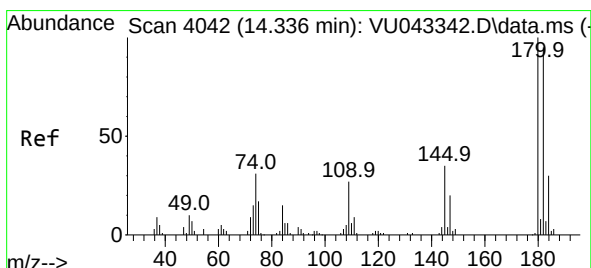
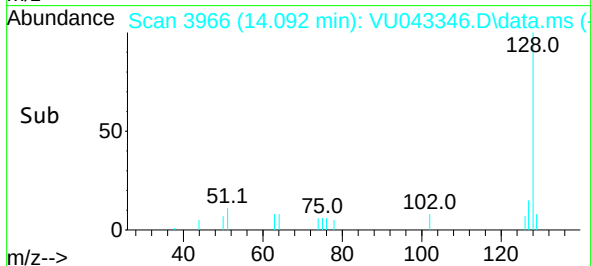
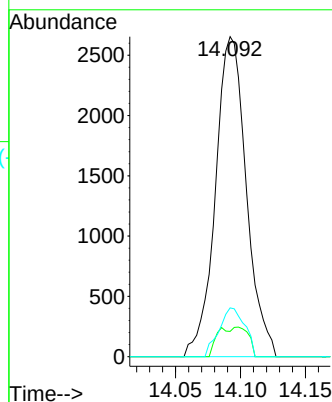
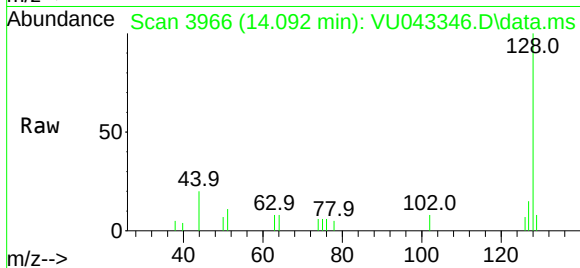




#71
Naphthalene
Concen: 0.25 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 4385
Ion Ratio Lower Upper
128 100
129 4.7 8.6 12.8#
127 12.7 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 0.17 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043346.D
Acq: 27 Apr 2021 12:03

Tgt Ion:180 Resp: 1610
Ion Ratio Lower Upper
180 100
182 100.6 75.8 113.8
145 29.0 25.0 37.4

