

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042295.D
 Acq On : 09 Feb 2021 14:26
 Operator : SY/MD
 Sample : VU0209WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK18

Quant Time: Feb 10 02:29:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 10 02:29:25 2021
 Response via : Initial Calibration

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

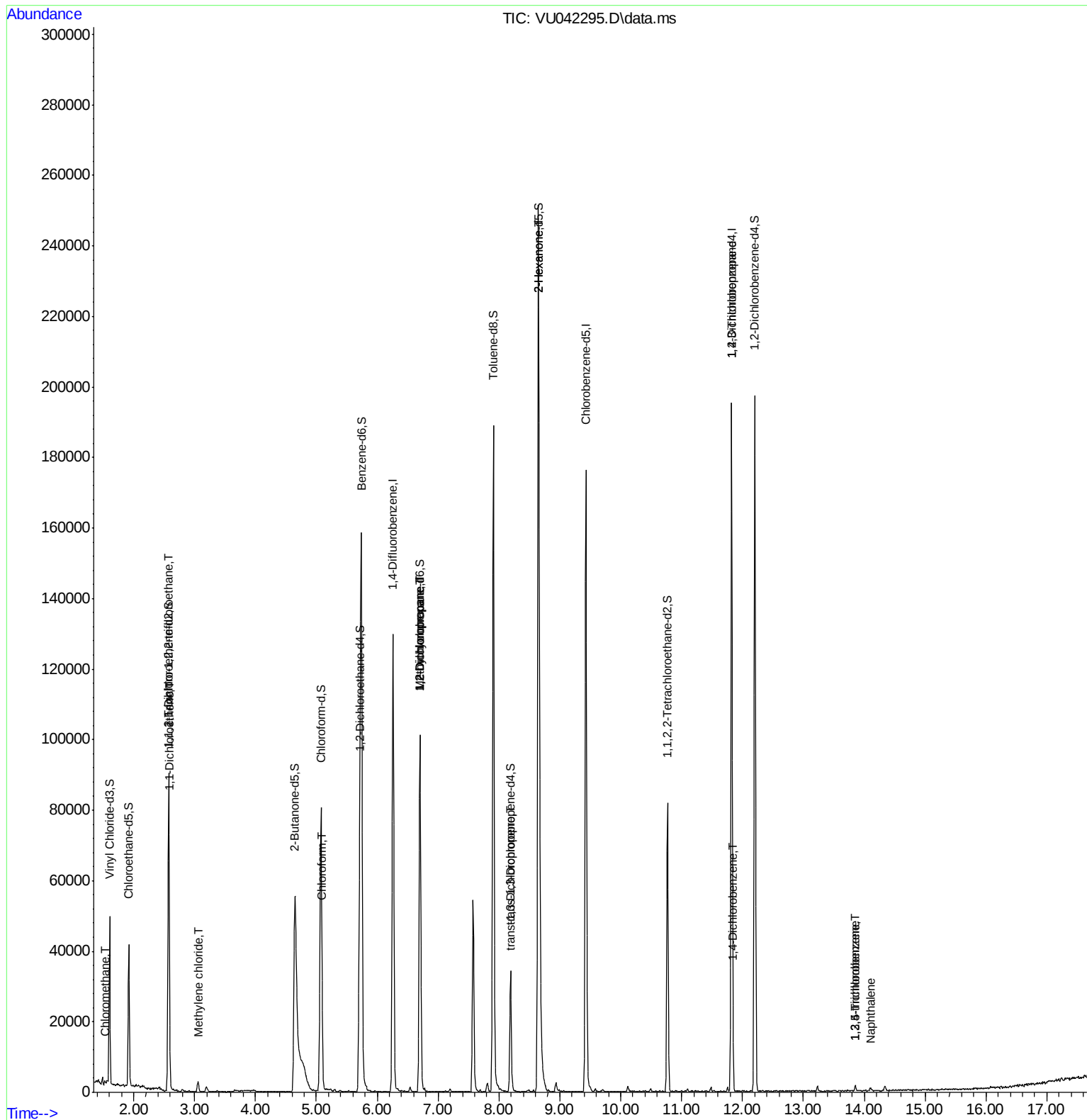
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	102923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49695	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31164	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.80%		
7) Chloroethane-d5	1.919	69	27449	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	102.60%		
11) 1,1-Dichloroethene-d2	2.575	63	56121	3.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	76.80%		
20) 2-Butanone-d5	4.649	46	117731	48.60	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.20%		
24) Chloroform-d	5.076	84	72481	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	104.60%		
26) 1,2-Dichloroethane-d4	5.713	65	46640	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	112.40%		
32) Benzene-d6	5.739	84	135791	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	107.80%		
36) 1,2-Dichloropropane-d6	6.700	67	45710	5.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	112.40%		
41) Toluene-d8	7.909	98	123474	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	103.60%		
43) trans-1,3-Dichloroprop...	8.192	79	19189	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.20%		
46) 2-Hexanone-d5	8.649	63	101976	56.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	113.68%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	39032	5.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	112.00%		
64) 1,2-Dichlorobenzene-d4	12.205	152	50748	5.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	113.60%		
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	531	0.06	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	447	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	421	0.06	ug/L #	1
16) Methylene chloride	3.057	84	1185	0.14	ug/L	92
25) Chloroform	5.092	83	1039	0.07	ug/L	90
35) Methylcyclohexane	6.703	83	10369	0.81	ug/L #	16
37) 1,2-Dichloropropane	6.703	63	5344	0.71	ug/L #	87
44) trans-1,3-Dichloropropene	8.182	75	950	0.08	ug/L	87
48) 2-Hexanone	8.649	43	13964	3.14	ug/L #	69
59) 1,2,3-Trichloropropane	11.822	75	5996	1.14	ug/L	100
63) 1,4-Dichlorobenzene	11.845	146	853	0.05	ug/L	87
67) 1,3,5-Trichlorobenzene	13.854	180	663	0.05	ug/L	86
68) 1,2,4-trichlorobenzene	13.854	180	663	0.07	ug/L #	84
69) Naphthalene	14.098	128	1323	0.09	ug/L #	77

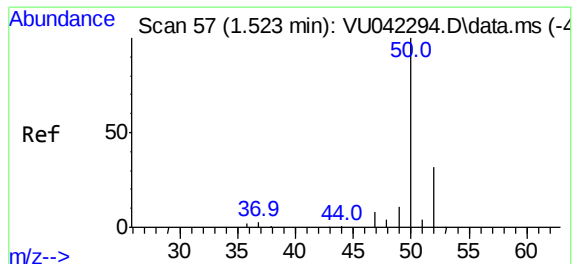
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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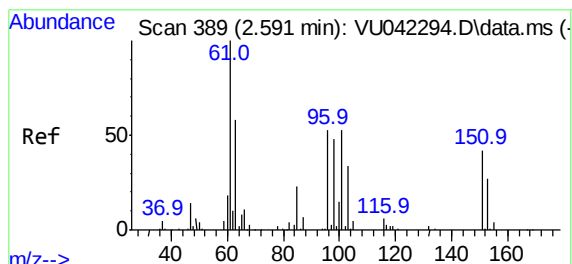
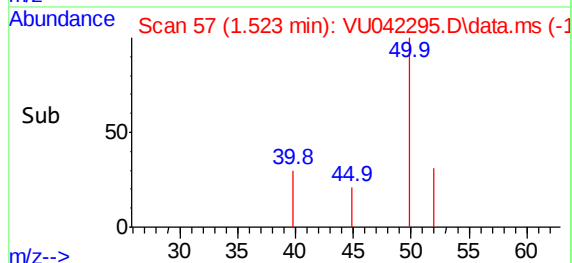
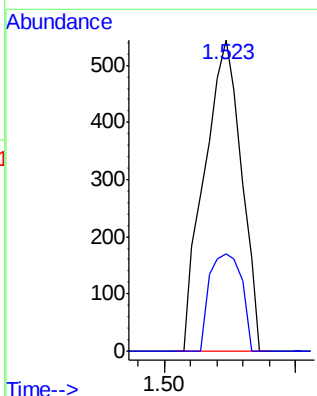
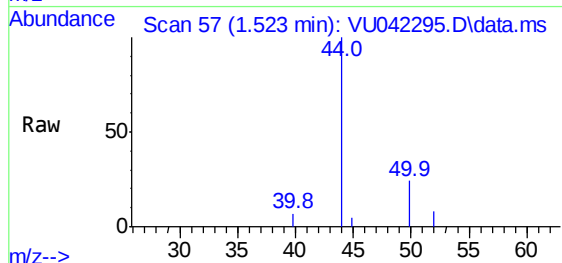




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

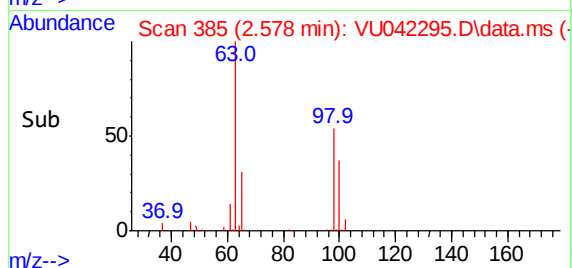
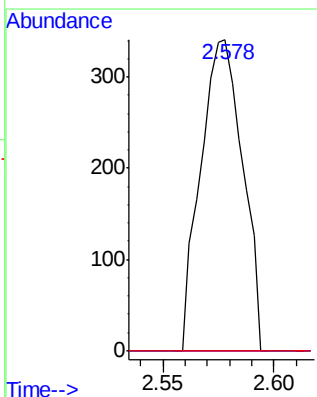
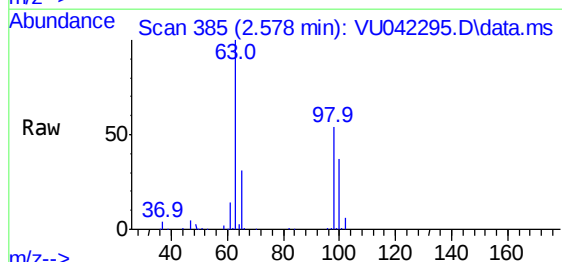
Instrument :
MSVOA_U
ClientSampled :
VBLK18

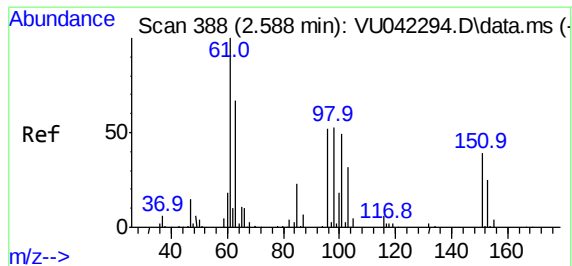
Tgt Ion: 50 Resp: 531
Ion Ratio Lower Upper
50 100
52 31.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Tgt Ion: 101 Resp: 447
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

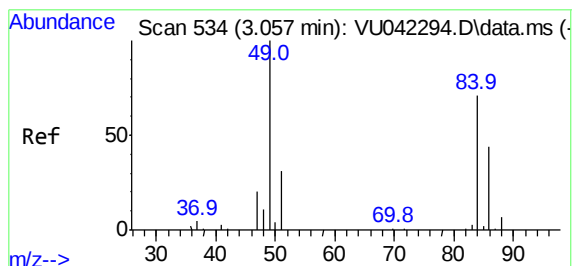
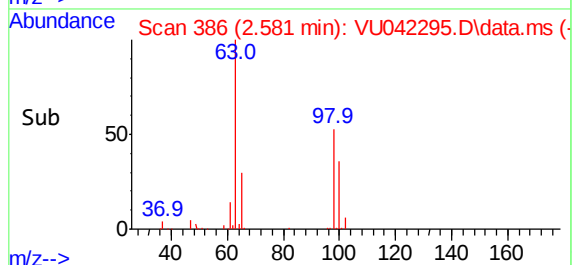
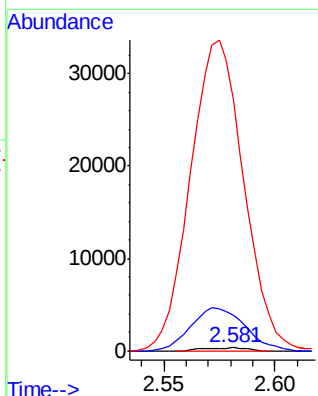
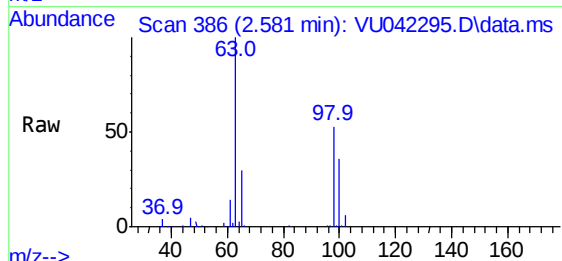




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

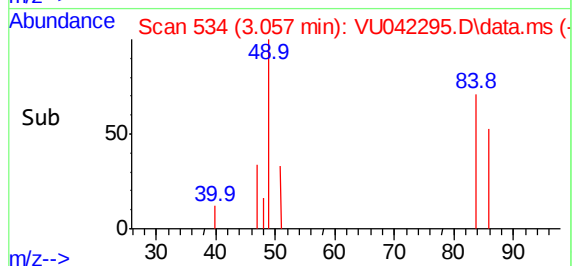
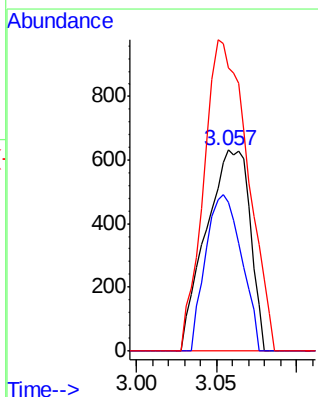
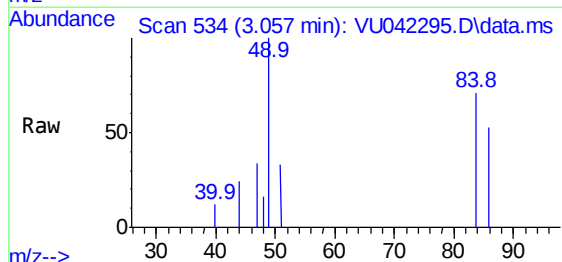
Instrument :
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ClientSampleId :
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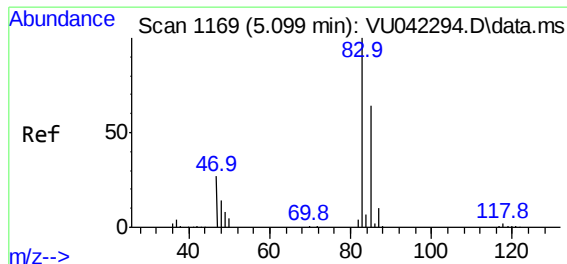
Tgt Ion: 96 Resp: 421
Ion Ratio Lower Upper
96 100
61 1222.5 126.2 234.4#
63 8596.8 77.8 144.4#



#16
Methylene chloride
Concen: 0.14 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Tgt Ion: 84 Resp: 1185
Ion Ratio Lower Upper
84 100
86 74.2 44.1 81.9
49 141.0 95.0 176.4

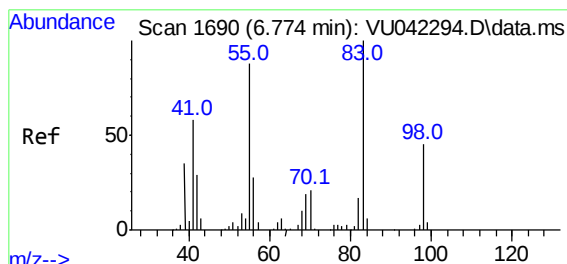
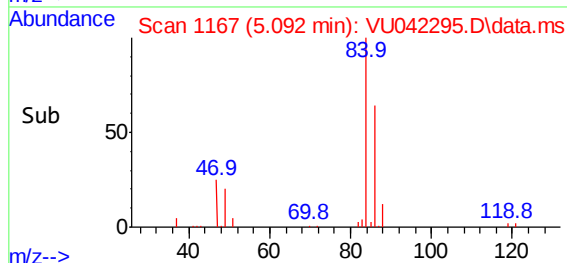
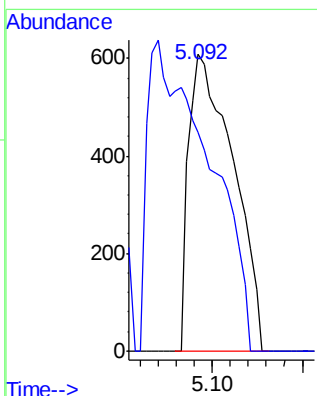
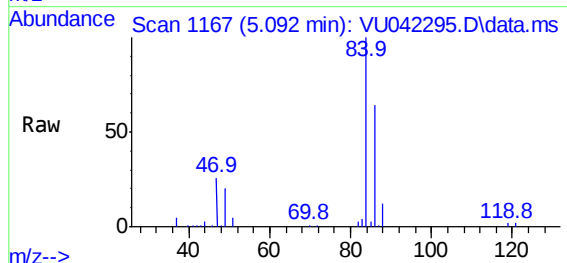




#25
Chloroform
Concen: 0.07 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

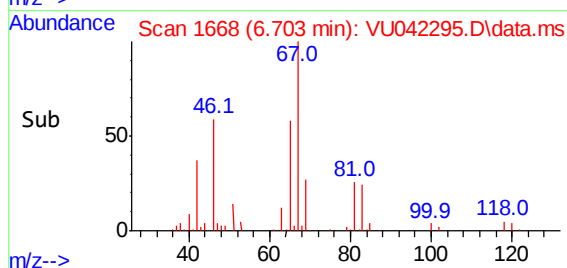
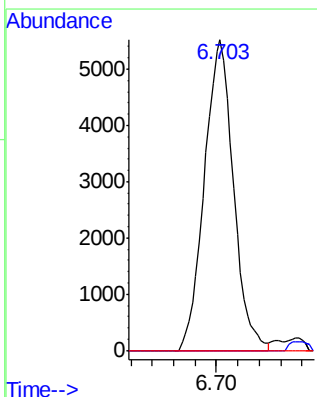
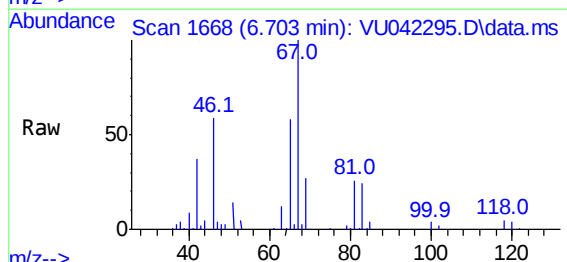
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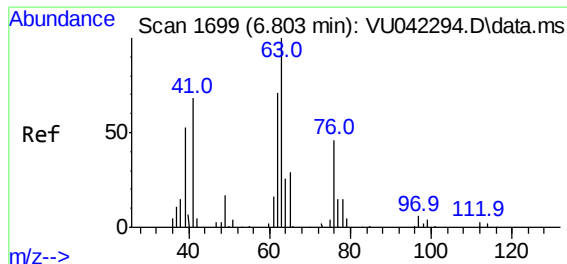
Tgt Ion: 83 Resp: 1039
Ion Ratio Lower Upper
83 100
85 73.4 45.7 84.9



#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.071 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Tgt Ion: 83 Resp: 10369
Ion Ratio Lower Upper
83 100
55 1.8 68.2 102.4#
98 1.2 39.7 59.5#

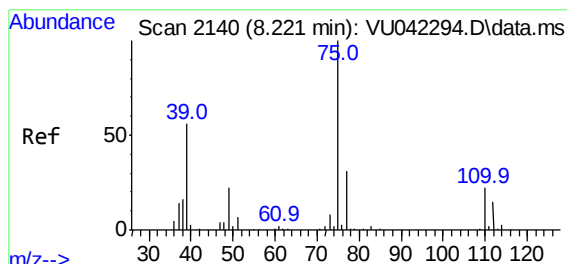
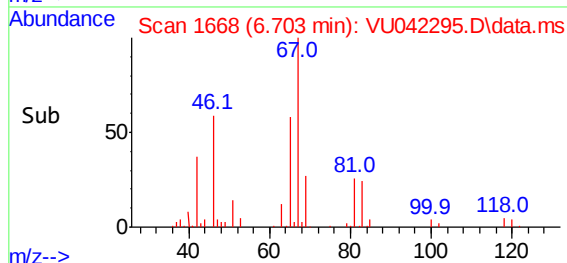
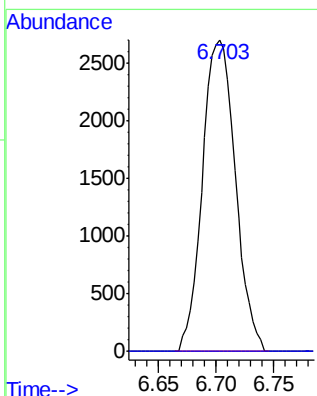
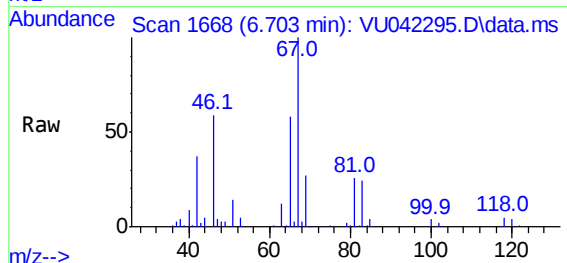




#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

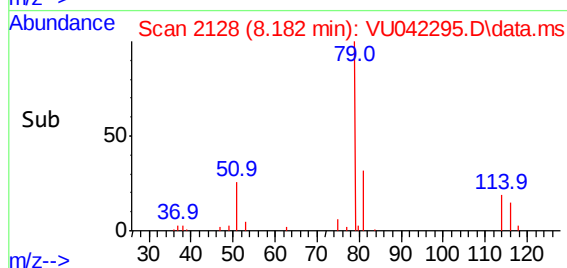
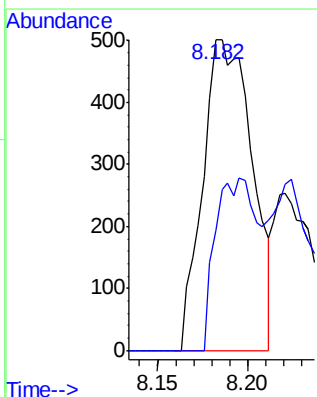
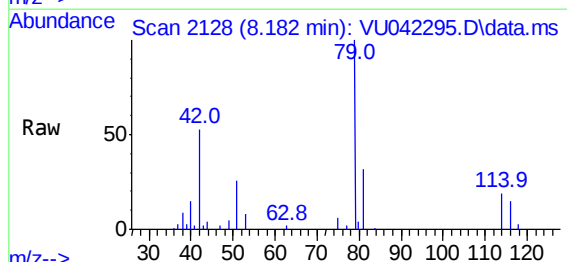
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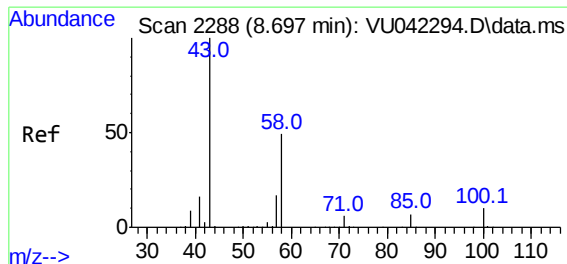
Tgt Ion: 63 Resp: 5344
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.038 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Tgt Ion: 75 Resp: 950
Ion Ratio Lower Upper
75 100
77 38.5 21.8 40.4

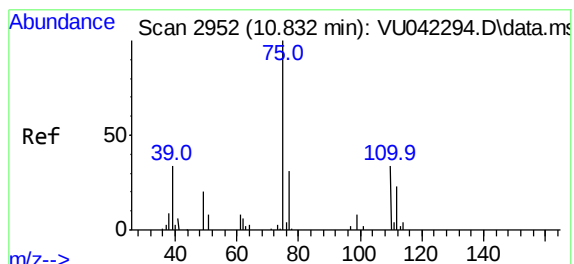
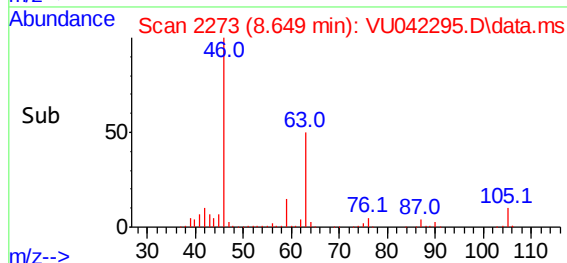
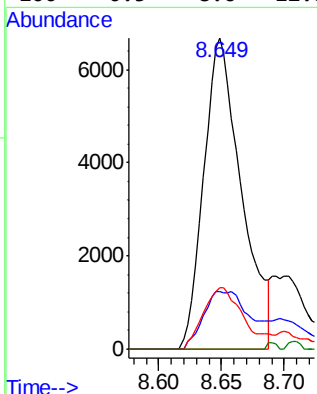
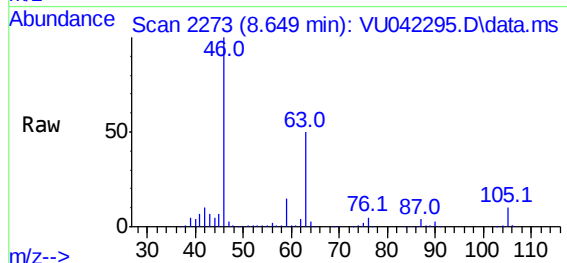




#48
2-Hexanone
Concen: 3.14 ug/L
RT: 8.649 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

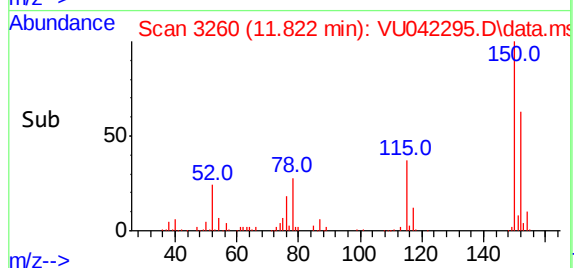
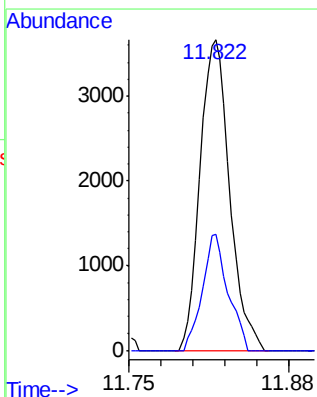
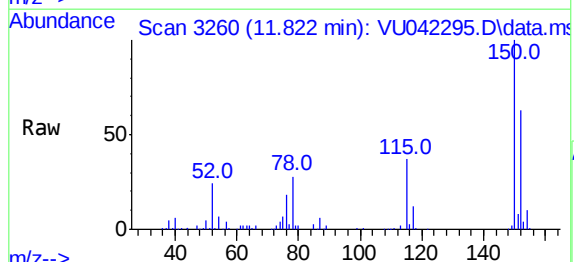
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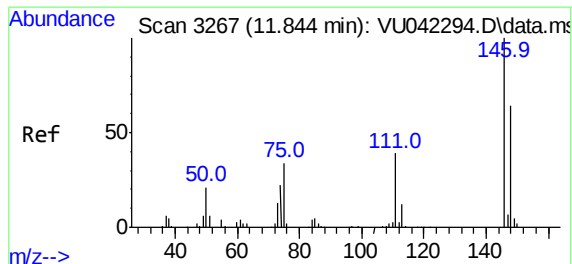
Tgt Ion: 43 Resp: 13964
Ion Ratio Lower Upper
43 100
58 21.4 40.6 61.0#
57 19.8 14.9 22.3
100 0.5 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.14 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Tgt Ion: 75 Resp: 5996
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0

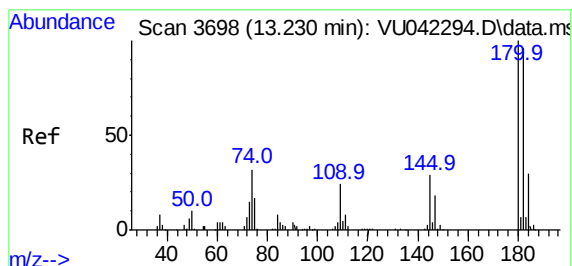
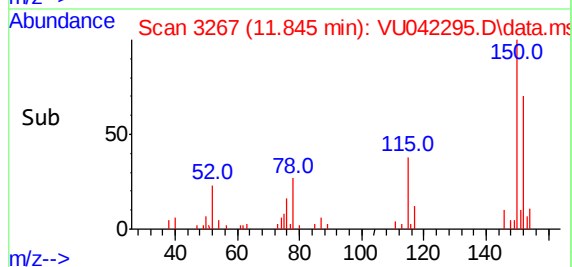
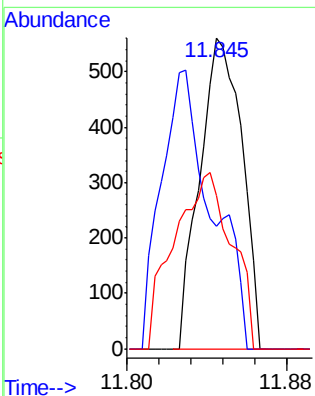
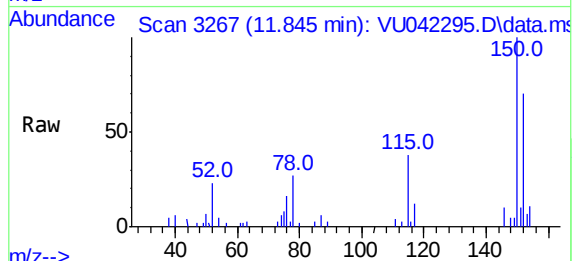




#63
 1,4-Dichlorobenzene
 Concen: 0.05 ug/L
 RT: 11.845 min Scan# 3267
 Delta R.T. 0.000 min
 Lab File: VU042295.D
 Acq: 09 Feb 2021 14:26

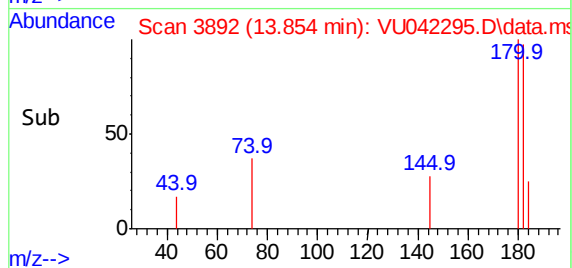
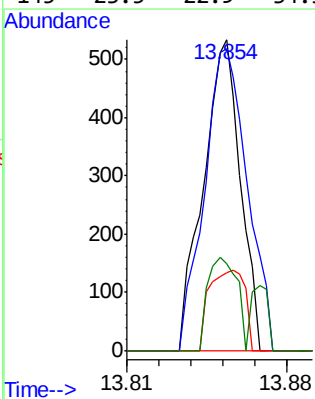
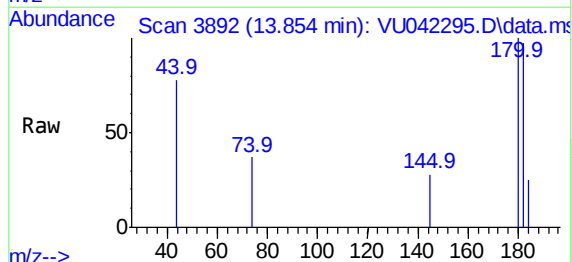
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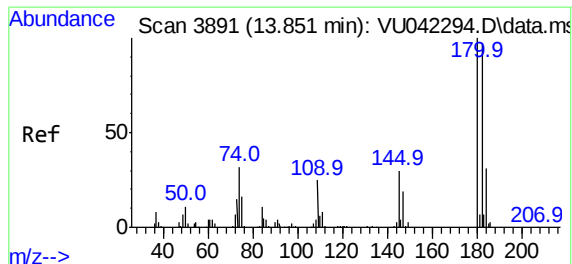
Tgt Ion:146 Resp: 853
 Ion Ratio Lower Upper
 146 100
 111 39.4 25.8 47.8
 148 49.2 44.1 81.9



#67
 1,3,5-Trichlorobenzene
 Concen: 0.05 ug/L
 RT: 13.854 min Scan# 3892
 Delta R.T. 0.624 min
 Lab File: VU042295.D
 Acq: 09 Feb 2021 14:26

Tgt Ion:180 Resp: 663
 Ion Ratio Lower Upper
 180 100
 182 112.7 76.4 114.6
 184 25.0 23.9 35.9
 145 23.5 22.9 34.3

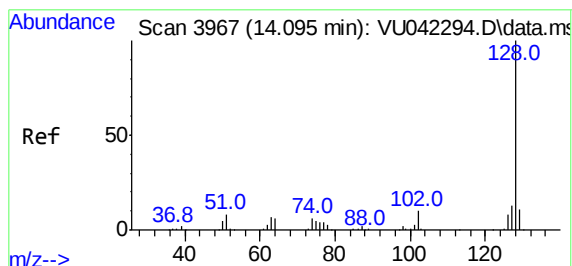
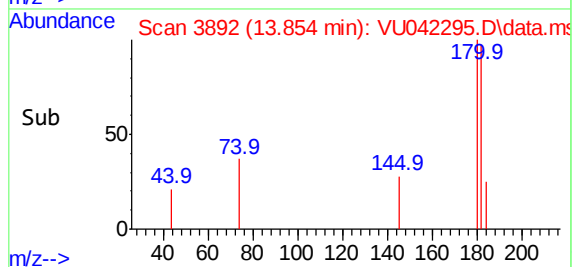
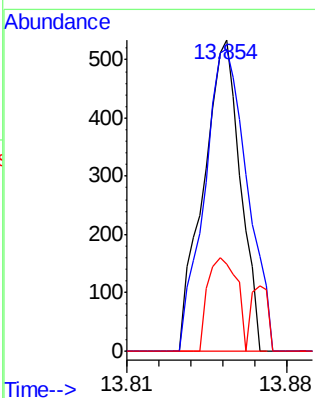
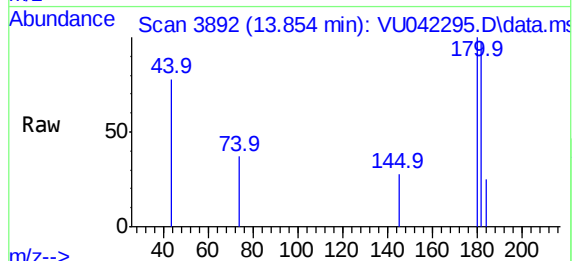




#68
1,2,4-trichlorobenzene
Concen: 0.07 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:180 Resp: 663
Ion Ratio Lower Upper
180 100
182 112.7 76.3 114.5
145 23.5 23.7 35.5#



#69
Naphthalene
Concen: 0.09 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042295.D
Acq: 09 Feb 2021 14:26

Tgt Ion:128 Resp: 1323
Ion Ratio Lower Upper
128 100
129 1.6 8.7 13.1#
127 4.7 10.6 15.8#

