

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042023.D
 Acq On : 14 Jan 2021 10:33
 Operator : SY/MD
 Sample : VU0114WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK21

Quant Time: Jan 15 05:21:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

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

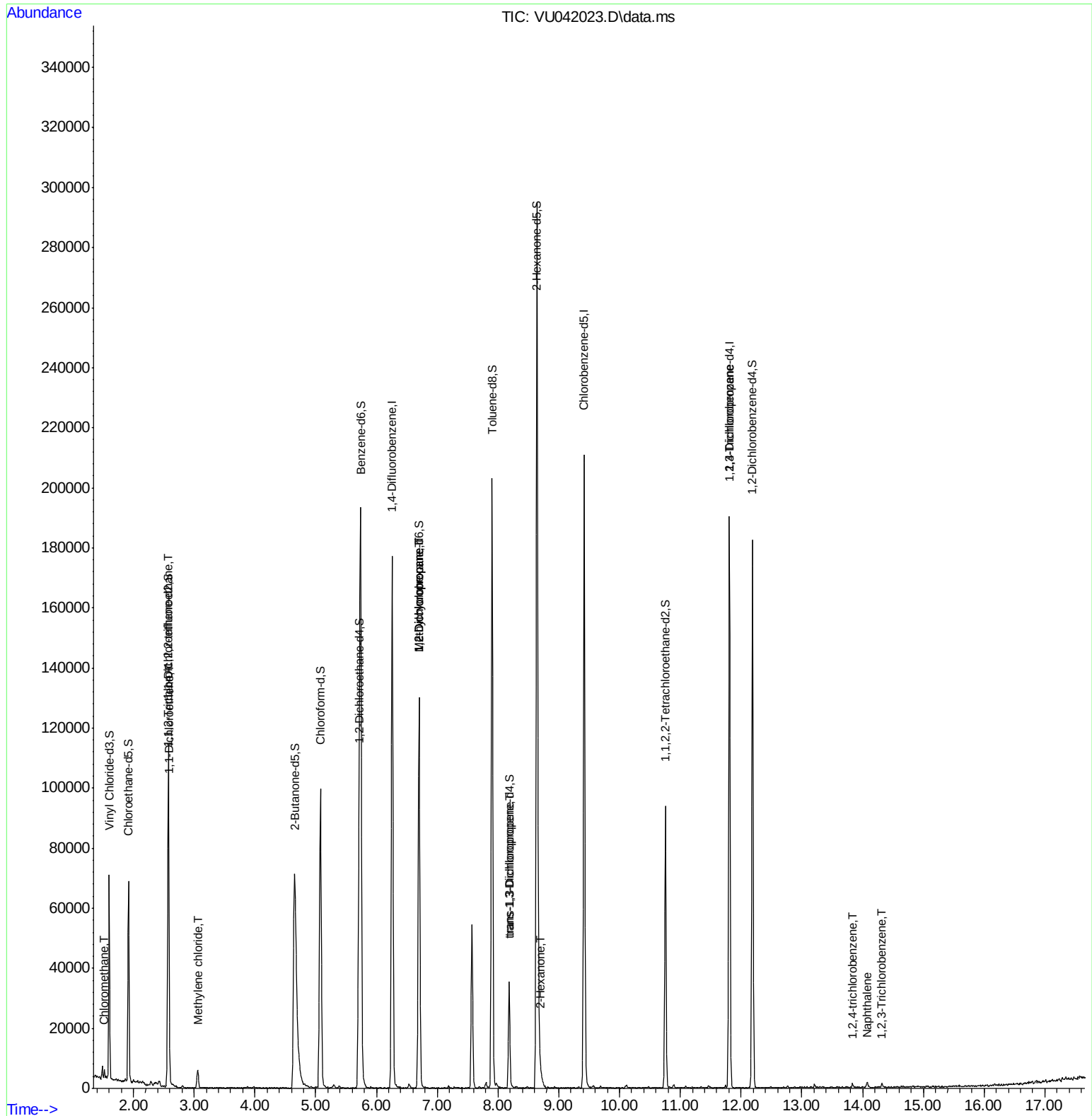
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	141799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	117666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50687	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45049	4.21	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	84.20%		
7) Chloroethane-d5	1.919	69	47286	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	93.40%		
11) 1,1-Dichloroethene-d2	2.575	63	67424	3.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	62.60%		
20) 2-Butanone-d5	4.652	46	164687	45.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	91.72%		
24) Chloroform-d	5.076	84	93234	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.20%		
26) 1,2-Dichloroethane-d4	5.713	65	52945	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.60%		
32) Benzene-d6	5.739	84	178486	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.80%		
36) 1,2-Dichloropropane-d6	6.700	67	65386	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	104.80%		
41) Toluene-d8	7.903	98	135700	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.80%		
43) trans-1,3-Dichloroprop...	8.182	79	21219	4.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.60%		
46) 2-Hexanone-d5	8.642	63	120018	46.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	93.38%		
57) 1,1,2,2-Tetrachloroeth...	10.755	84	46258	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.40%		
64) 1,2-Dichlorobenzene-d4	12.189	152	47170	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.80%		
Target Compounds						
3) Chloromethane	1.520	50	1970	0.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	674	0.06	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	658	0.06	ug/L #	1
16) Methylene chloride	3.057	84	3192	0.25	ug/L	77
35) Methylcyclohexane	6.700	83	15036	0.87	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6567	0.58	ug/L #	90
44) trans-1,3-Dichloropropene	8.186	75	977	0.07	ug/L #	83
48) 2-Hexanone	8.690	43	2438	0.46	ug/L #	80
59) 1,2,3-Trichloropropane	11.806	75	6207	0.83	ug/L	95
68) 1,2,4-trichlorobenzene	13.835	180	450	0.05	ug/L #	86
69) Naphthalene	14.079	128	2026	0.13	ug/L #	88
70) 1,2,3-Trichlorobenzene	14.320	180	669	0.08	ug/L #	84

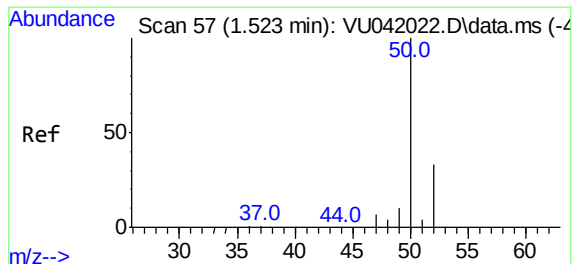
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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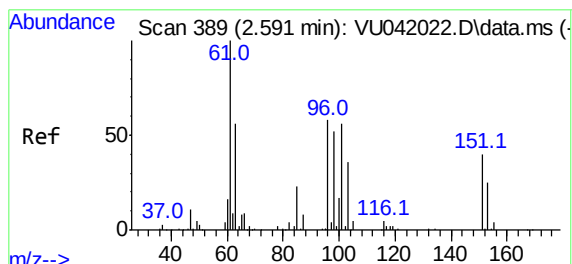
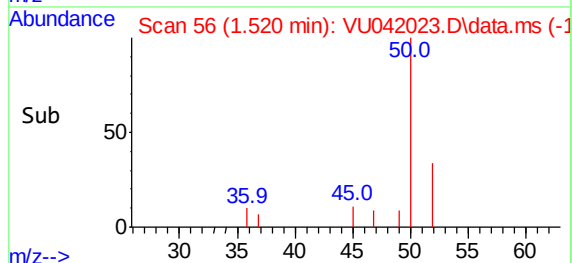
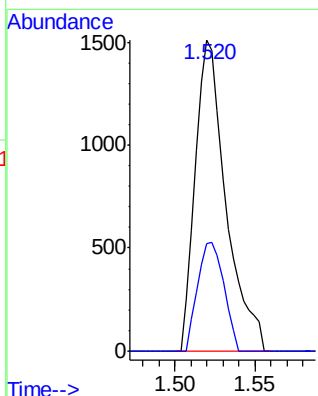
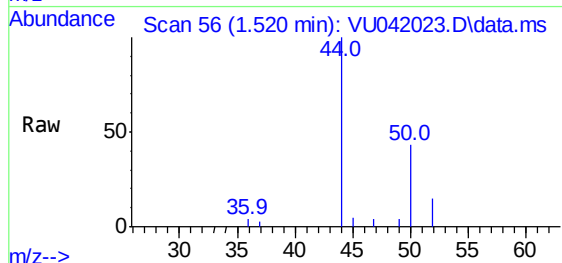




#3
Chloromethane
Concen: 0.12 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

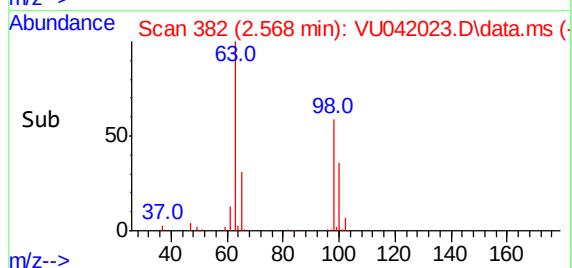
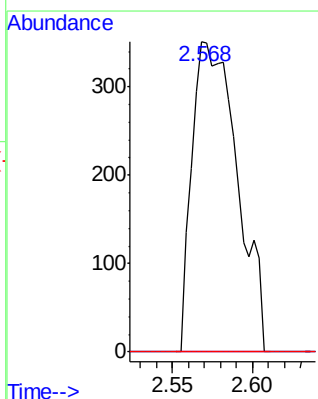
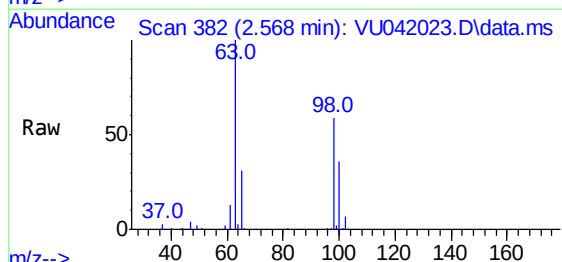
Instrument :
MSVOA_U
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VBLK21

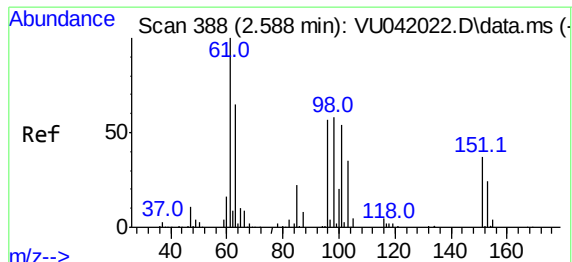
Tgt Ion: 50 Resp: 1970
Ion Ratio Lower Upper
50 100
52 34.3 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.022 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

Tgt Ion:101 Resp: 674
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

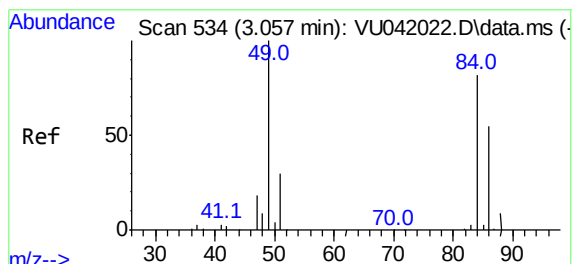
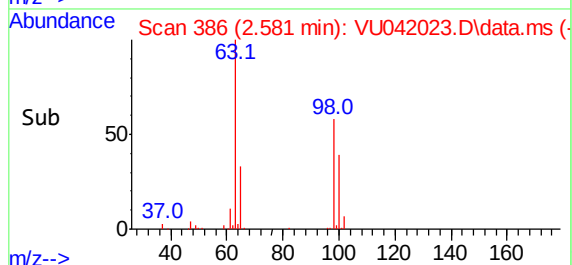
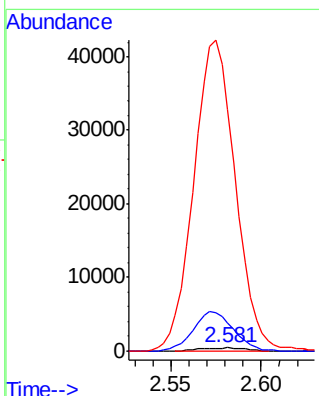
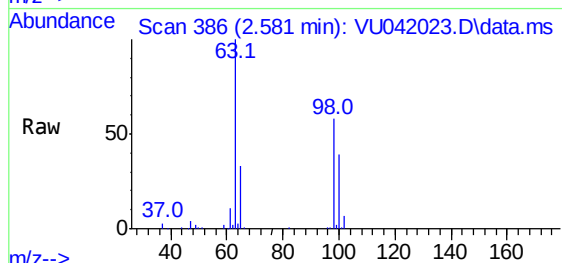




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

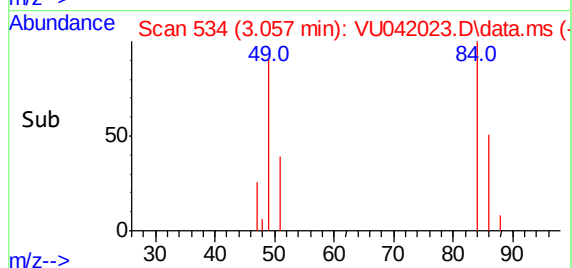
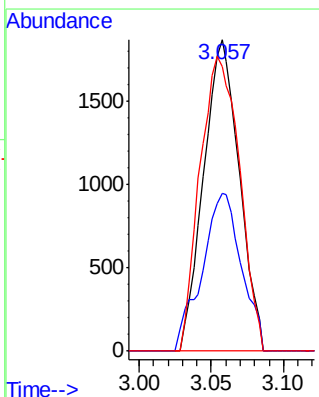
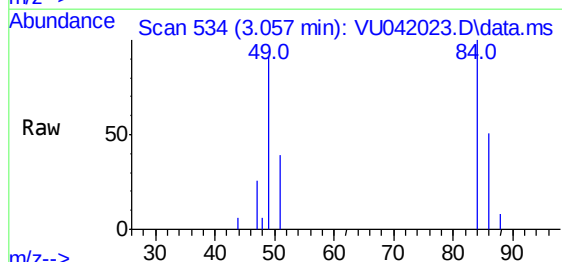
Instrument :
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ClientSampleId :
VBLK21

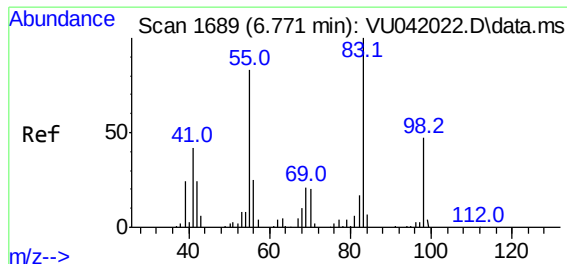
Tgt Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 941.0 122.2 226.9#
63 8224.0 82.8 153.8#



#16
Methylene chloride
Concen: 0.25 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

Tgt Ion: 84 Resp: 3192
Ion Ratio Lower Upper
84 100
86 50.6 42.6 79.0
49 91.5 86.2 160.0

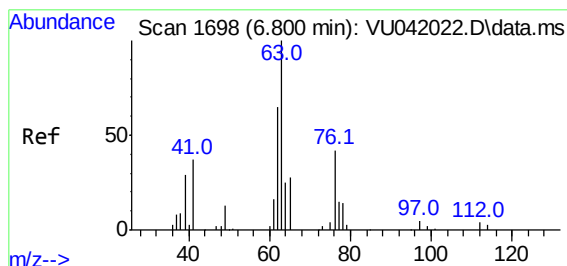
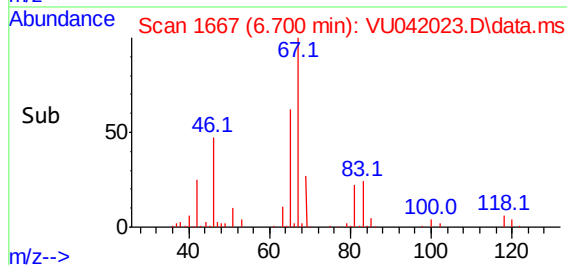
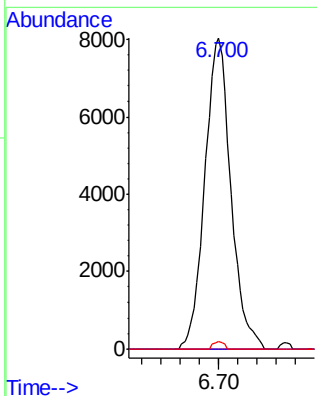
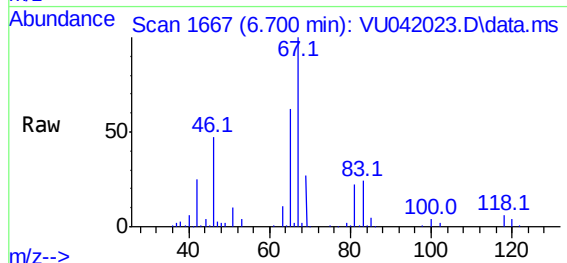




#35
Methylcyclohexane
Concen: 0.87 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

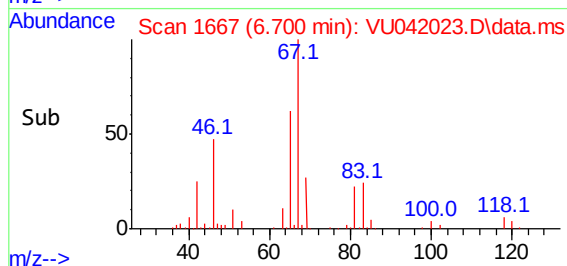
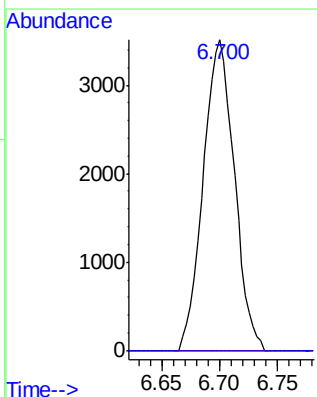
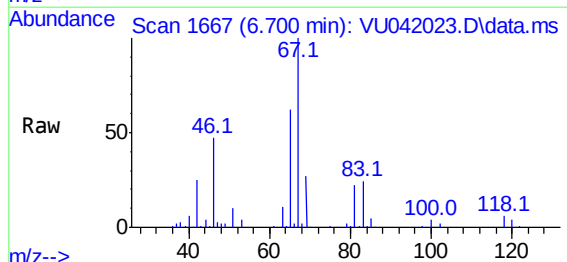
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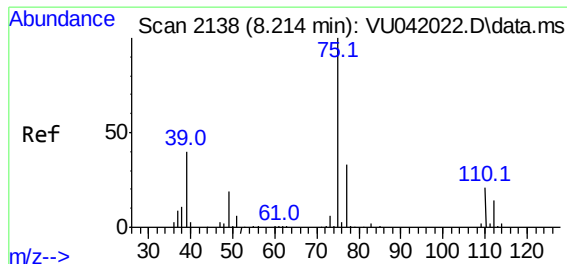
Tgt Ion: 83 Resp: 15036
Ion Ratio Lower Upper
83 100
55 0.0 66.8 100.2#
98 1.0 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

Tgt Ion: 63 Resp: 6567
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

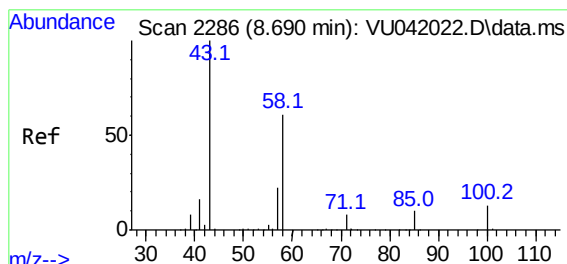
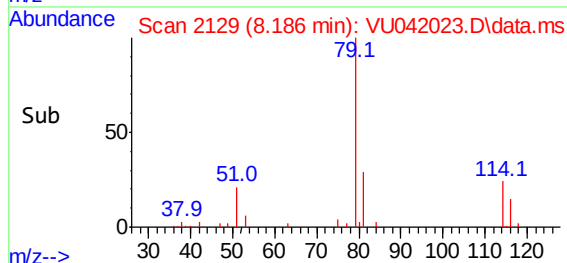
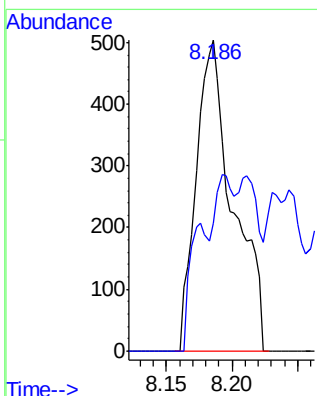
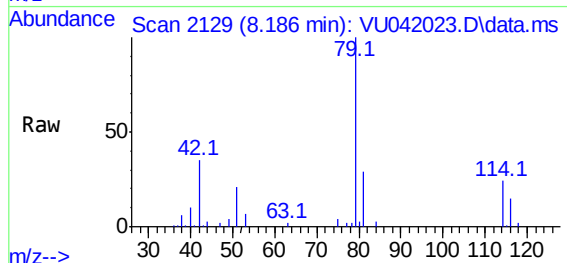




#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

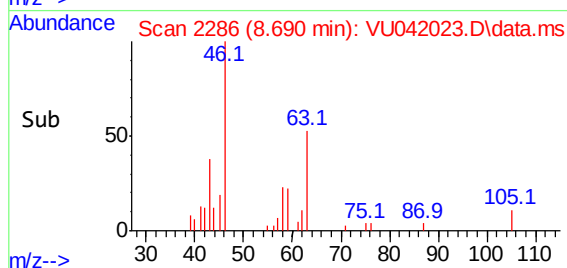
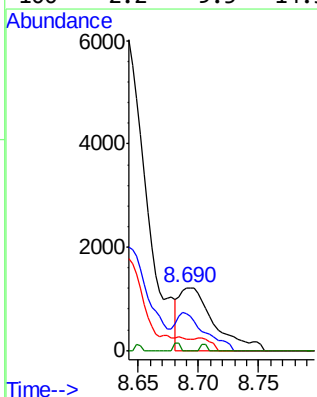
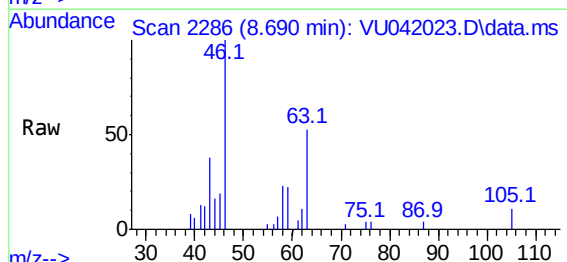
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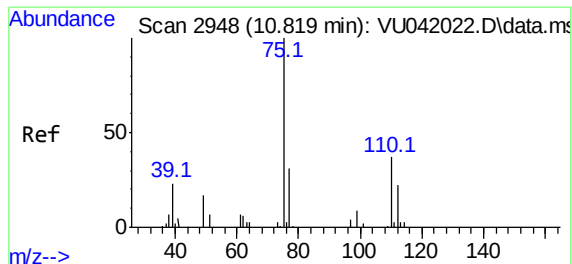
Tgt Ion: 75 Resp: 977
Ion Ratio Lower Upper
75 100
77 41.1 22.0 41.0#



#48
2-Hexanone
Concen: 0.46 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
58 53.1 47.8 71.8
57 0.0 17.4 26.0#
100 2.2 9.5 14.3#

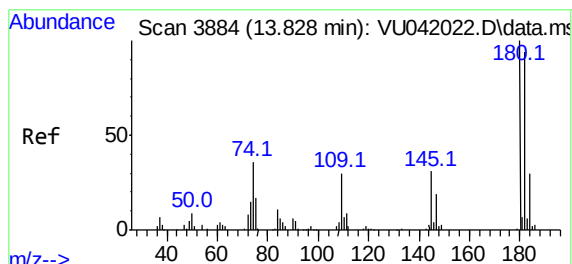
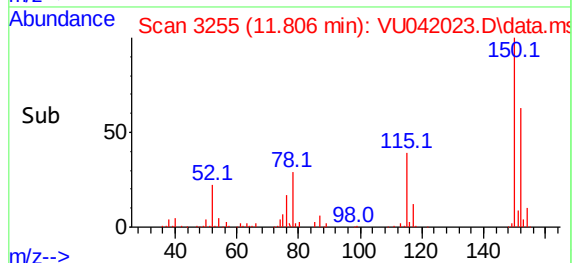
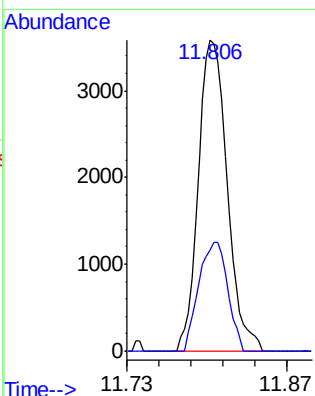
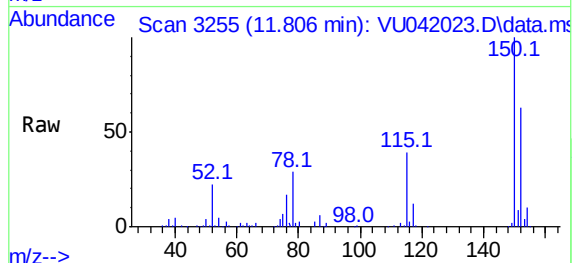




#59
1,2,3-Trichloropropane
Concen: 0.83 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

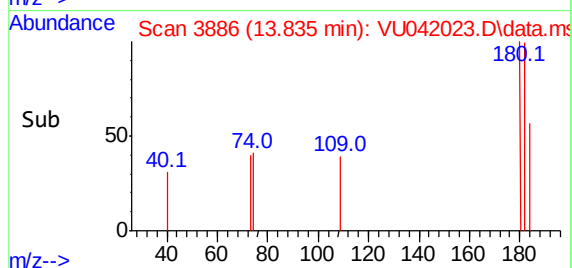
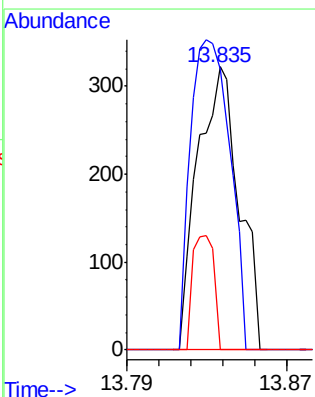
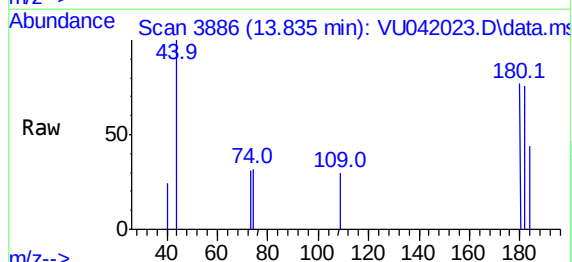
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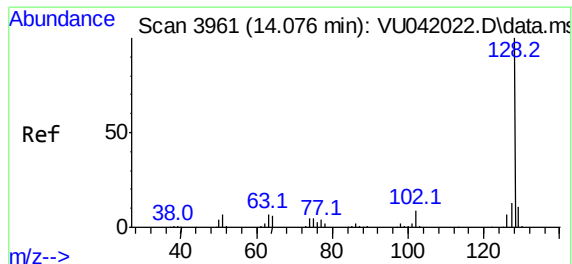
Tgt Ion: 75 Resp: 6207
Ion Ratio Lower Upper
75 100
77 34.8 25.6 38.4



#68
1,2,4-trichlorobenzene
Concen: 0.05 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.007 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

Tgt Ion: 180 Resp: 450
Ion Ratio Lower Upper
180 100
182 104.2 73.8 110.8
145 21.1 25.0 37.6#

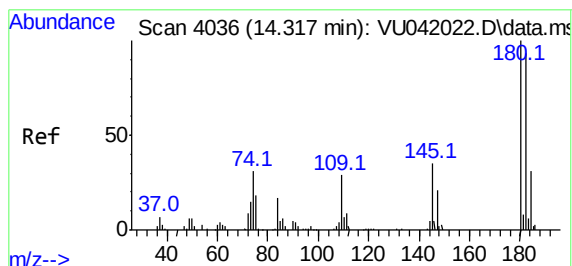
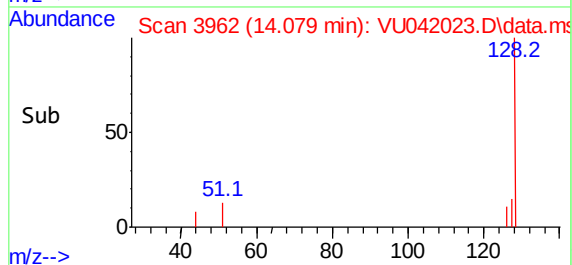
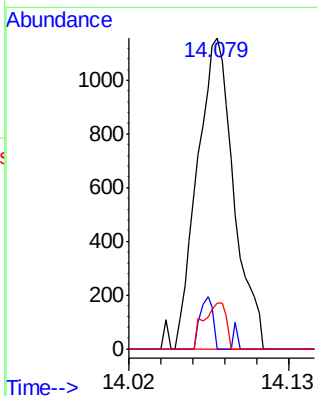
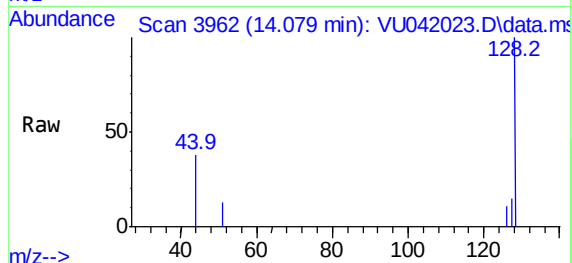




#69
Naphthalene
Concen: 0.13 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VU042023.D
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Tgt Ion:128 Resp: 2026
Ion Ratio Lower Upper
128 100
129 5.9 8.7 13.1#
127 9.0 10.5 15.7#



#70
1,2,3-Trichlorobenzene
Concen: 0.08 ug/L
RT: 14.320 min Scan# 4037
Delta R.T. 0.003 min
Lab File: VU042023.D
Acq: 14 Jan 2021 10:33

Tgt Ion:180 Resp: 669
Ion Ratio Lower Upper
180 100
182 84.3 77.3 115.9
145 19.9 27.6 41.4#

