

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046186.D
 Acq On : 08 Dec 2021 19:36
 Operator : SY/MD
 Sample : M4887-12ME
 Misc : 4.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:21:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

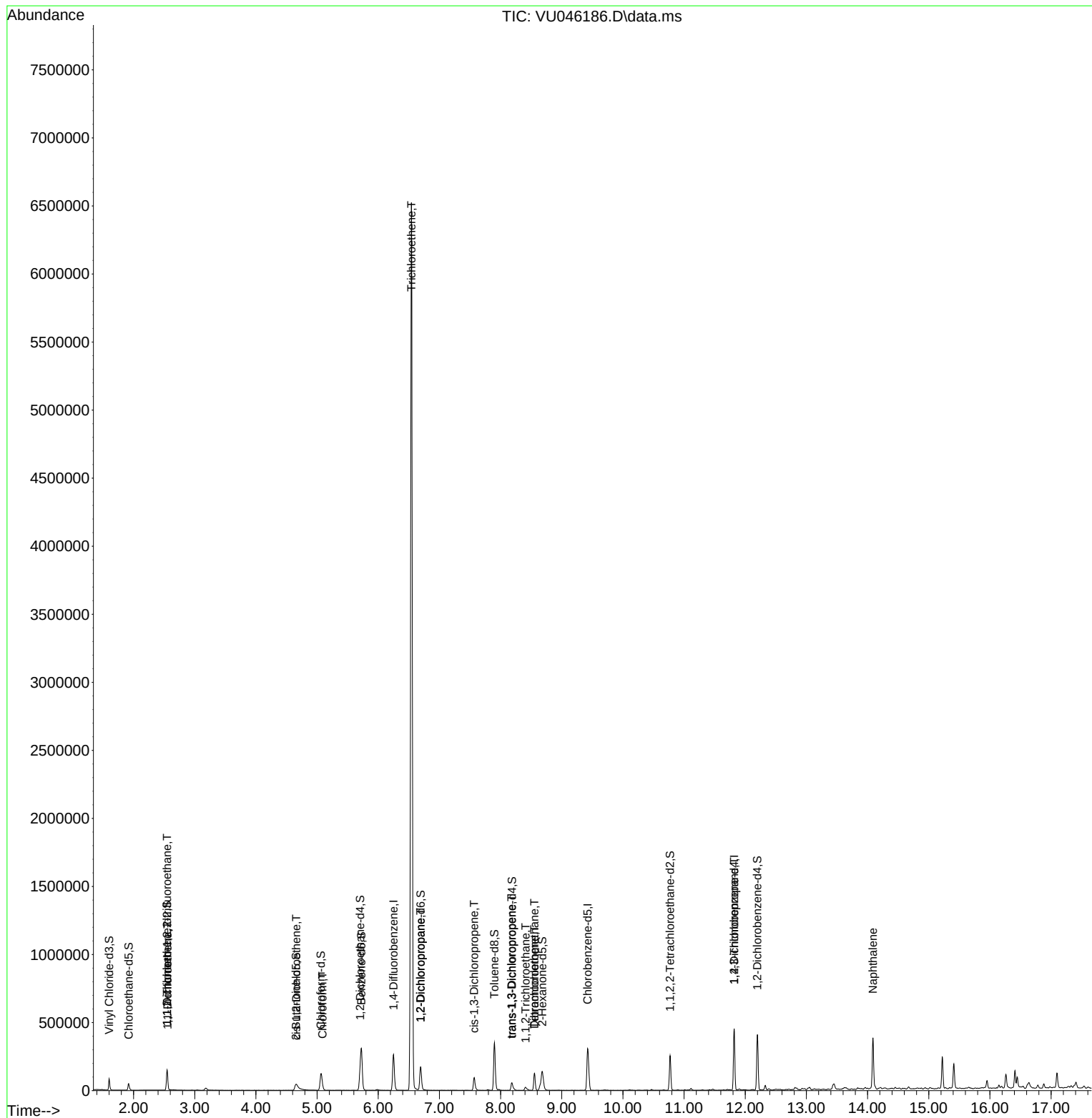
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	240973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	234545	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	67639	34.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.140%		
7) Chloroethane-d5	1.919	69	46577	30.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.120%#		
11) 1,1-Dichloroethene-d2	2.549	63	87069	24.434	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.860%#		
21) 2-Butanone-d5	4.655	46	121004	76.682	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.680%		
24) Chloroform-d	5.063	84	120618	36.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.780%		
26) 1,2-Dichloroethane-d4	5.703	65	89178	40.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.180%		
32) Benzene-d6	5.726	84	282989	42.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	6.693	67	89465	42.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.880%		
41) Toluene-d8	7.899	98	257953	42.144	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.280%		
43) trans-1,3-Dichloroprop...	8.185	79	45307	45.049	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.100%		
47) 2-Hexanone-d5	8.681	63	91713	92.844	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.840%		
56) 1,1,2,2-Tetrachloroeth...	10.770	84	128767	40.755	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.500%		
66) 1,2-Dichlorobenzene-d4	12.198	152	105169	44.349	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	839	0.478	ug/L #	21
12) 1,1-Dichloroethene	2.555	96	915	0.549	ug/L #	1
20) cis-1,2-Dichloroethene	4.661	96	1373	0.718	ug/L	87
25) Chloroform	5.089	83	14057	3.946	ug/L	97
34) Trichloroethene	6.542	95	2311667	1236.106	ug/L	99
37) 1,2-Dichloropropane	6.690	63	9751	5.244	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2459	0.869	ug/L #	57
44) trans-1,3-Dichloropropene	8.179	75	1881	0.677	ug/L	88
45) 1,1,2-Trichloroethane	8.407	97	11425	6.124	ug/L	95
46) Tetrachloroethene	8.552	164	29517	21.478	ug/L	96
49) Dibromochloromethane	8.552	129	28602	14.599	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	13904	5.151	ug/L #	65
71) Naphthalene	14.089	128	299297	34.953	ug/L	99

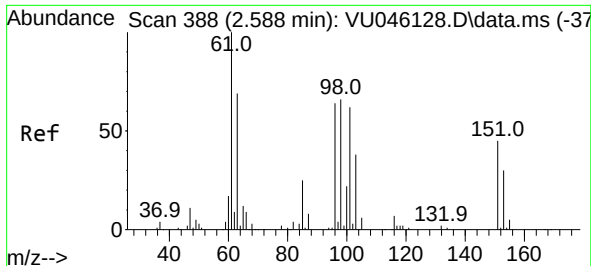
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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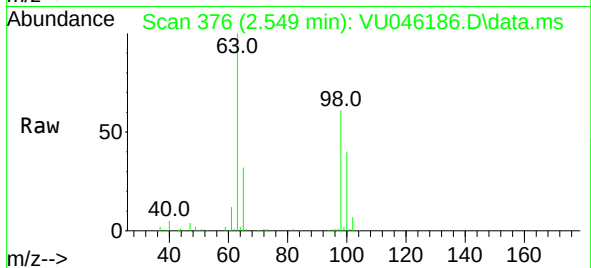
Quant Time: Dec 09 03:21:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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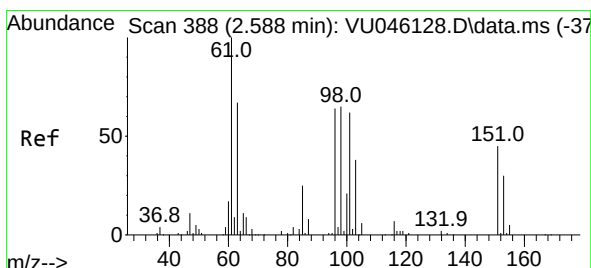
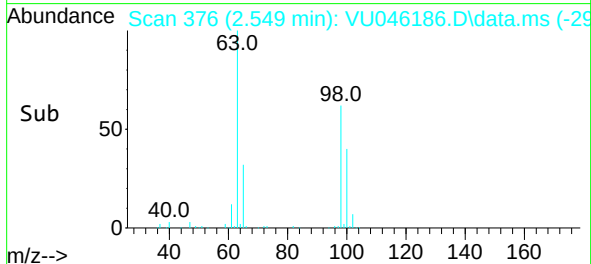
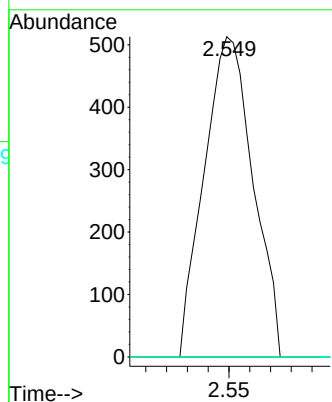


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.478 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.039 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :

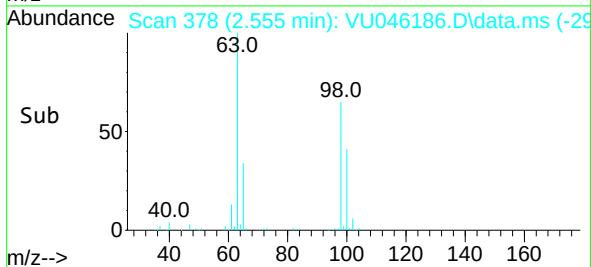
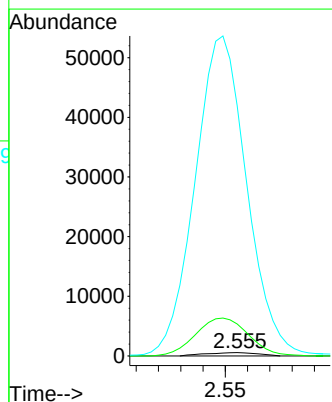
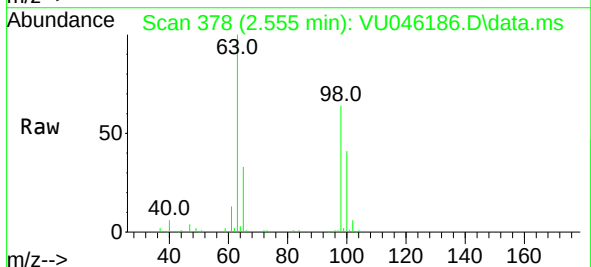


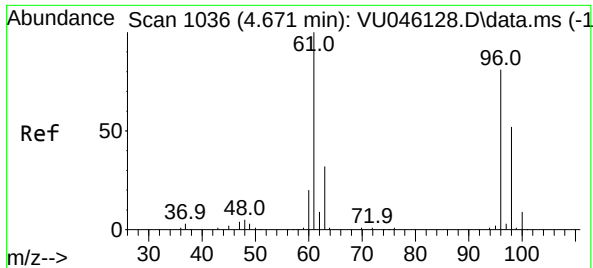
Tgt Ion:101 Resp: 839
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.549 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.029 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

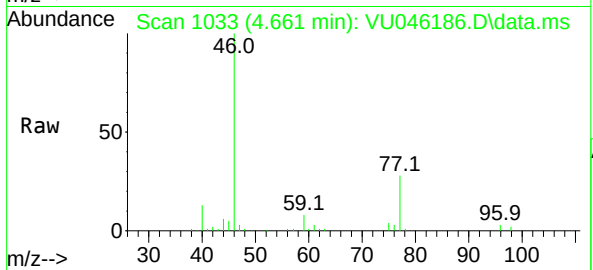
Tgt Ion: 96 Resp: 915
Ion Ratio Lower Upper
96 100
61 954.1 118.6 220.2#
63 7467.6 93.0 172.8#



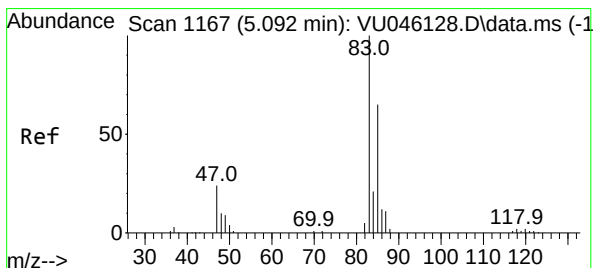
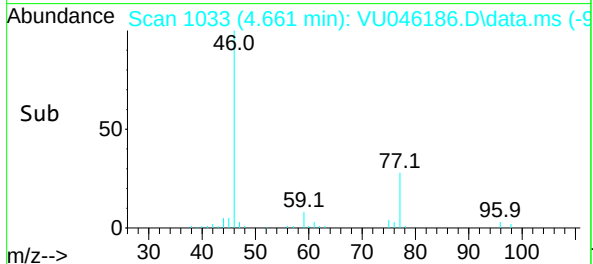
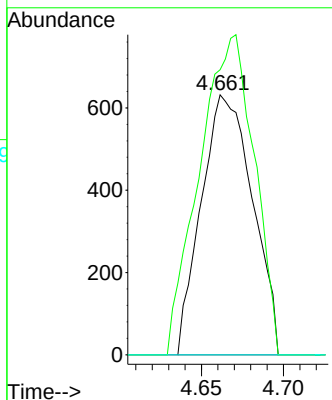


#20
 cis-1,2-Dichloroethene
 Concen: 0.718 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.010 min
 Lab File: VU046186.D
 Acq: 08 Dec 2021 19:36

Instrument :
 MSVOA_U
 ClientSampleId :

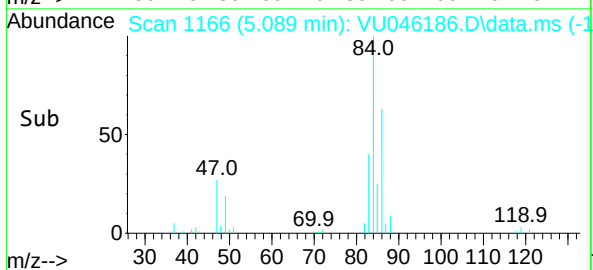
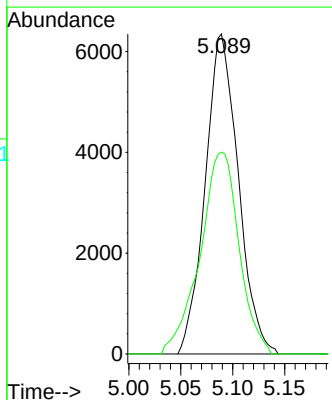
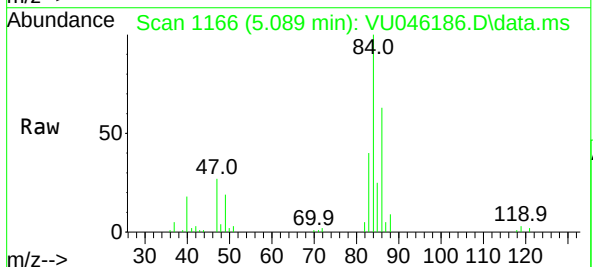


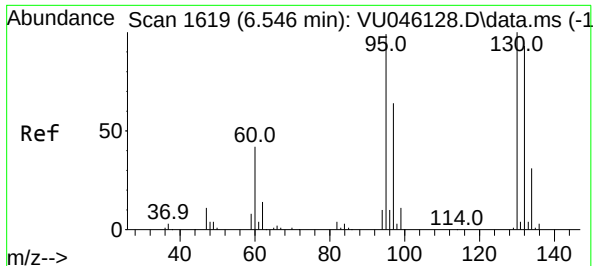
Tgt Ion: 96	Resp: 1373
Ion Ratio	Lower Upper
96 100	
61 109.7	86.8 161.2
68 0.0	0.0 0.0



#25
 Chloroform
 Concen: 3.946 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. -0.003 min
 Lab File: VU046186.D
 Acq: 08 Dec 2021 19:36

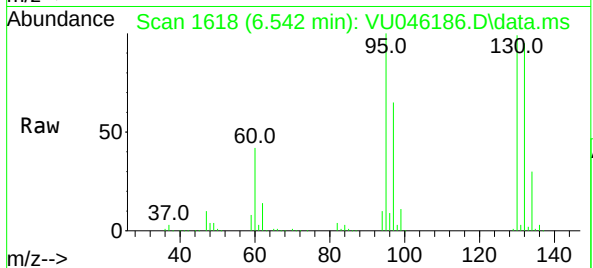
Tgt Ion: 83	Resp: 14057
Ion Ratio	Lower Upper
83 100	
85 63.1	45.8 85.2



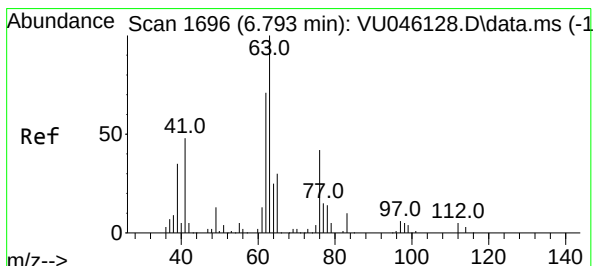
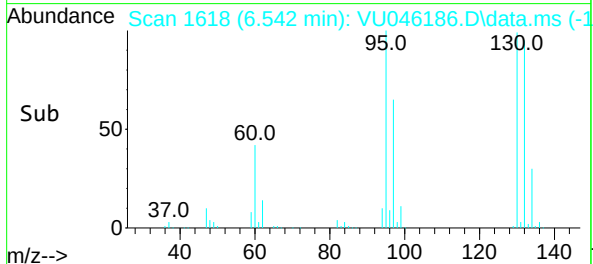
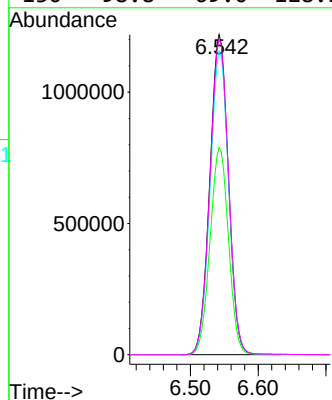


#34
Trichloroethene
Concen: 1236.106 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :

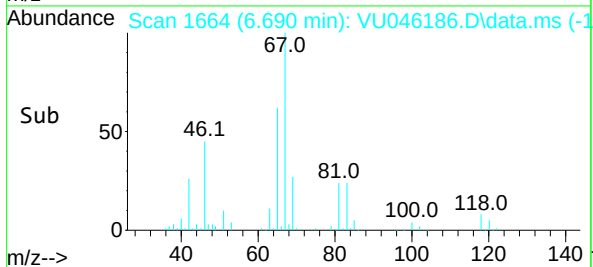
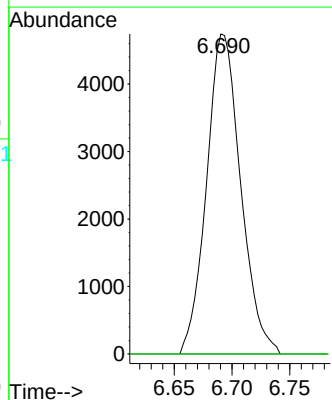
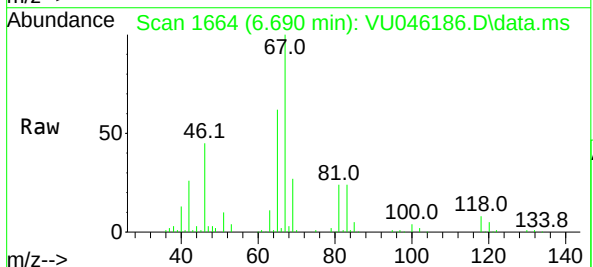


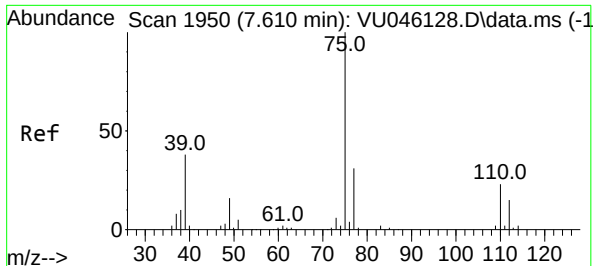
Tgt Ion: 95 Resp: 2311667
Ion Ratio Lower Upper
95 100
97 64.7 44.1 81.9
132 94.9 66.8 124.0
130 98.8 69.0 128.1



#37
1,2-Dichloropropane
Concen: 5.244 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Tgt Ion: 63 Resp: 9751
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.869 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046186.D

Acq: 08 Dec 2021 19:36

Instrument :

MSVOA_U

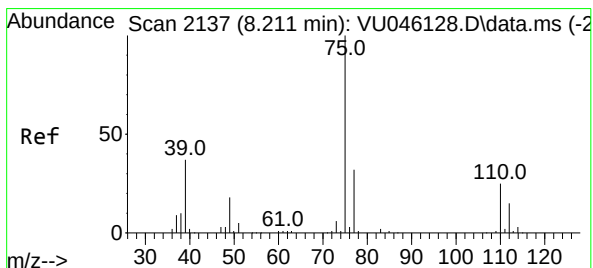
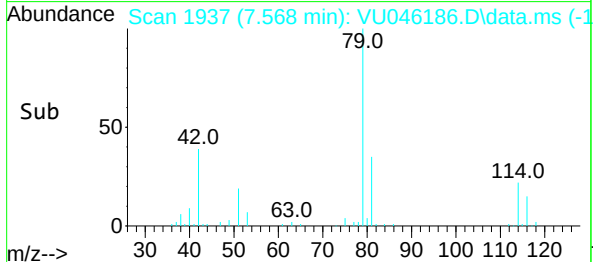
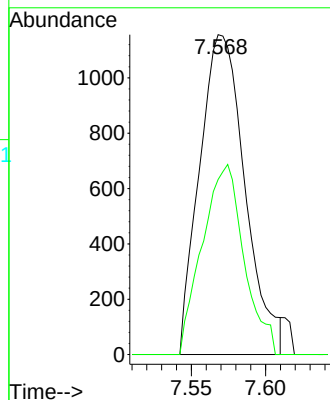
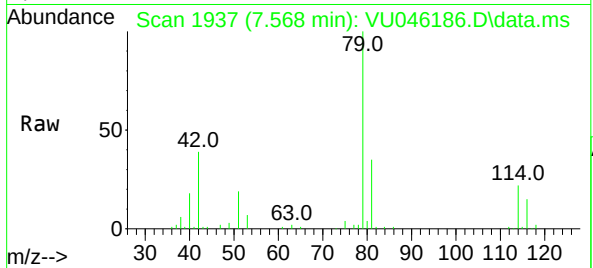
ClientSampleId :

Tgt Ion: 75 Resp: 2459

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.036 min

Lab File: VU046186.D

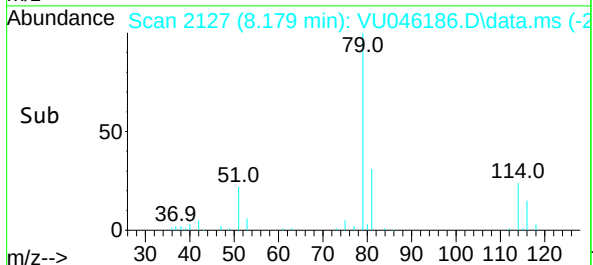
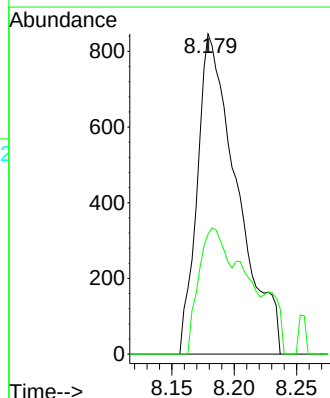
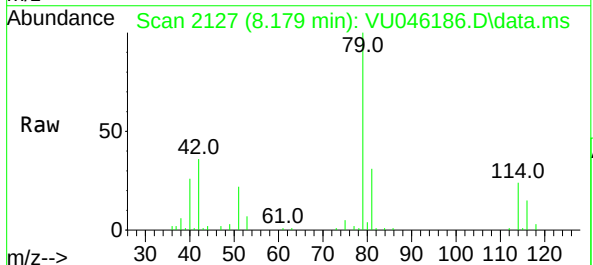
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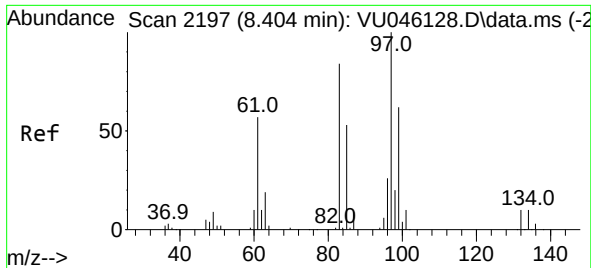
Tgt Ion: 75 Resp: 1881

Ion Ratio Lower Upper

75 100

77 37.5 21.7 40.3

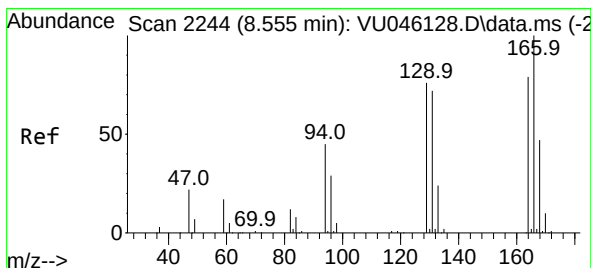
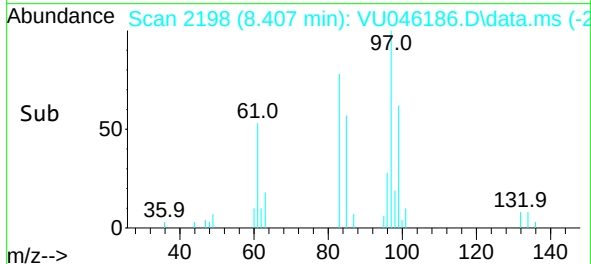
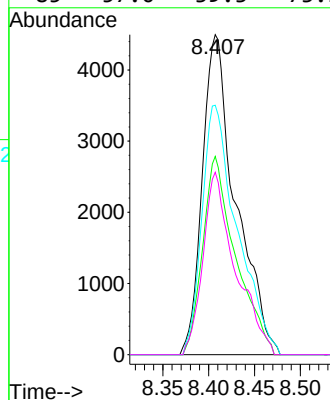
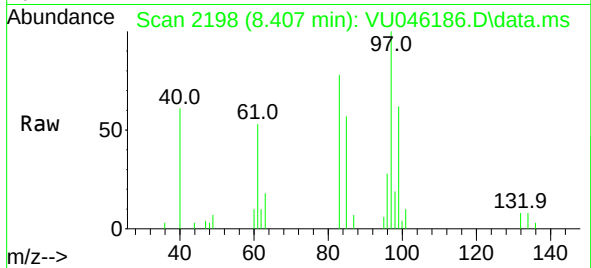




#45
1,1,2-Trichloroethane
Concen: 6.124 ug/L
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

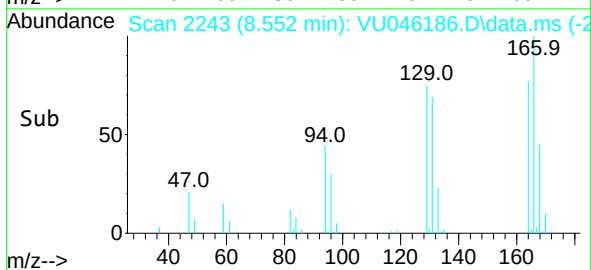
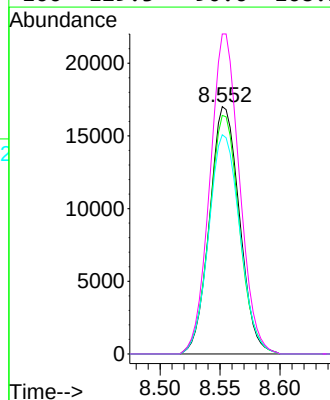
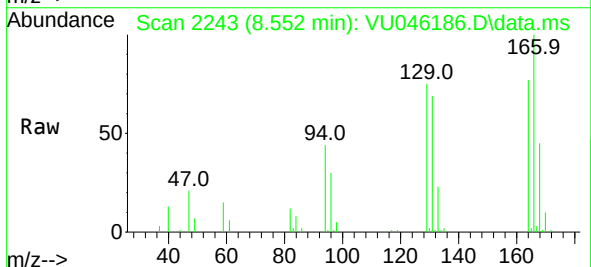
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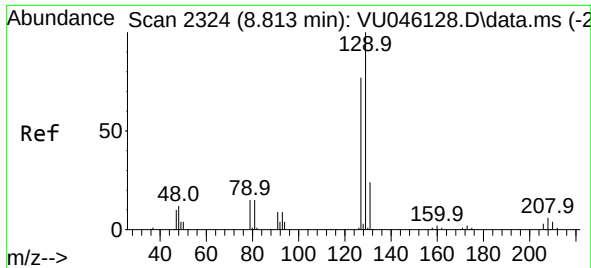
Tgt Ion: 97	Resp: 11425
Ion Ratio	Lower Upper
97 100	
99 61.9	44.7 82.9
83 78.0	60.2 111.8
85 57.0	39.3 73.1



#46
Tetrachloroethene
Concen: 21.478 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Tgt Ion: 164	Resp: 29517
Ion Ratio	Lower Upper
164 100	
129 96.4	71.1 132.1
131 88.6	67.8 126.0
166 129.3	90.6 168.2

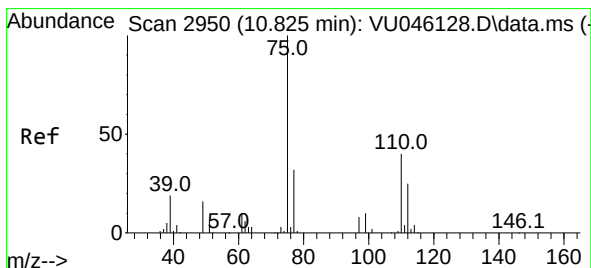
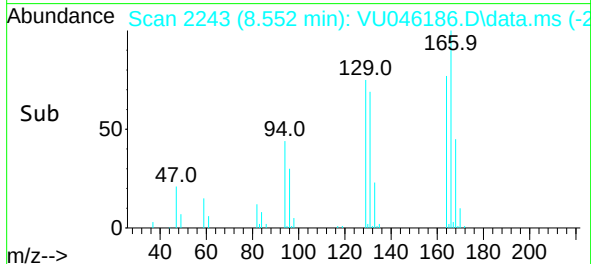
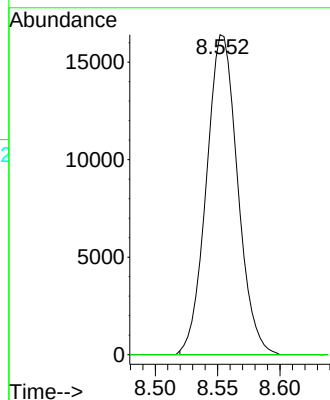
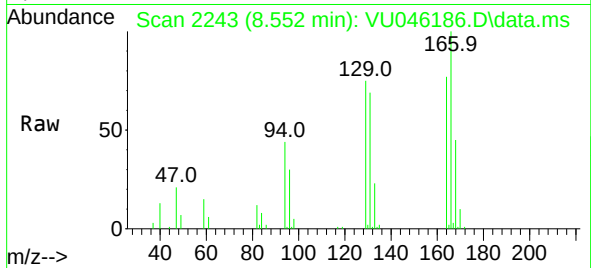




#49
Dibromochloromethane
Concen: 14.599 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.261 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

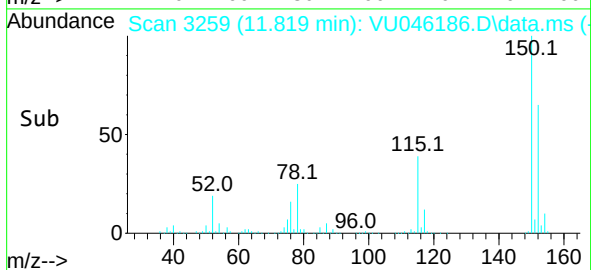
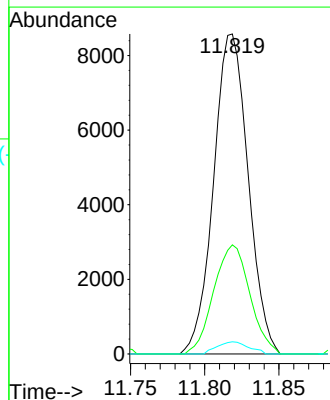
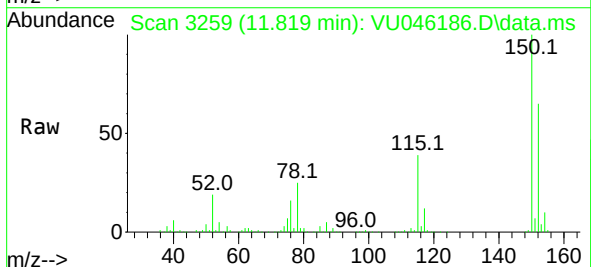
Instrument :
MSVOA_U
ClientSampleId :

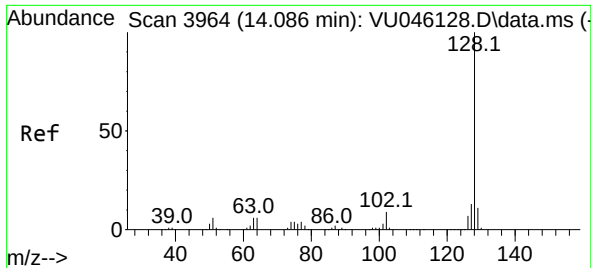
Tgt Ion:129 Resp: 28602
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.151 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.993 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

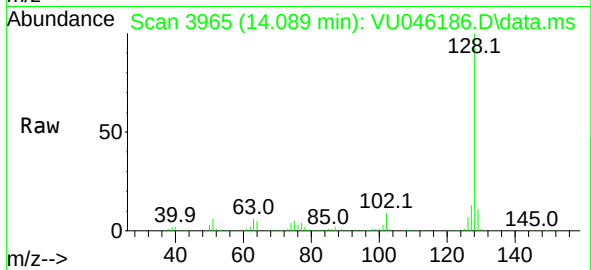
Tgt Ion: 75 Resp: 13904
Ion Ratio Lower Upper
75 100
77 35.6 26.4 39.6
110 3.5 32.4 48.6#





#71
Naphthalene
Concen: 34.953 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046186.D
Acq: 08 Dec 2021 19:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 299297
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.6 13.0

