

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042885.D
 Acq On : 01 Apr 2021 19:14
 Operator : SY/MD
 Sample : M1847-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR17

Quant Time: Apr 02 05:20:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

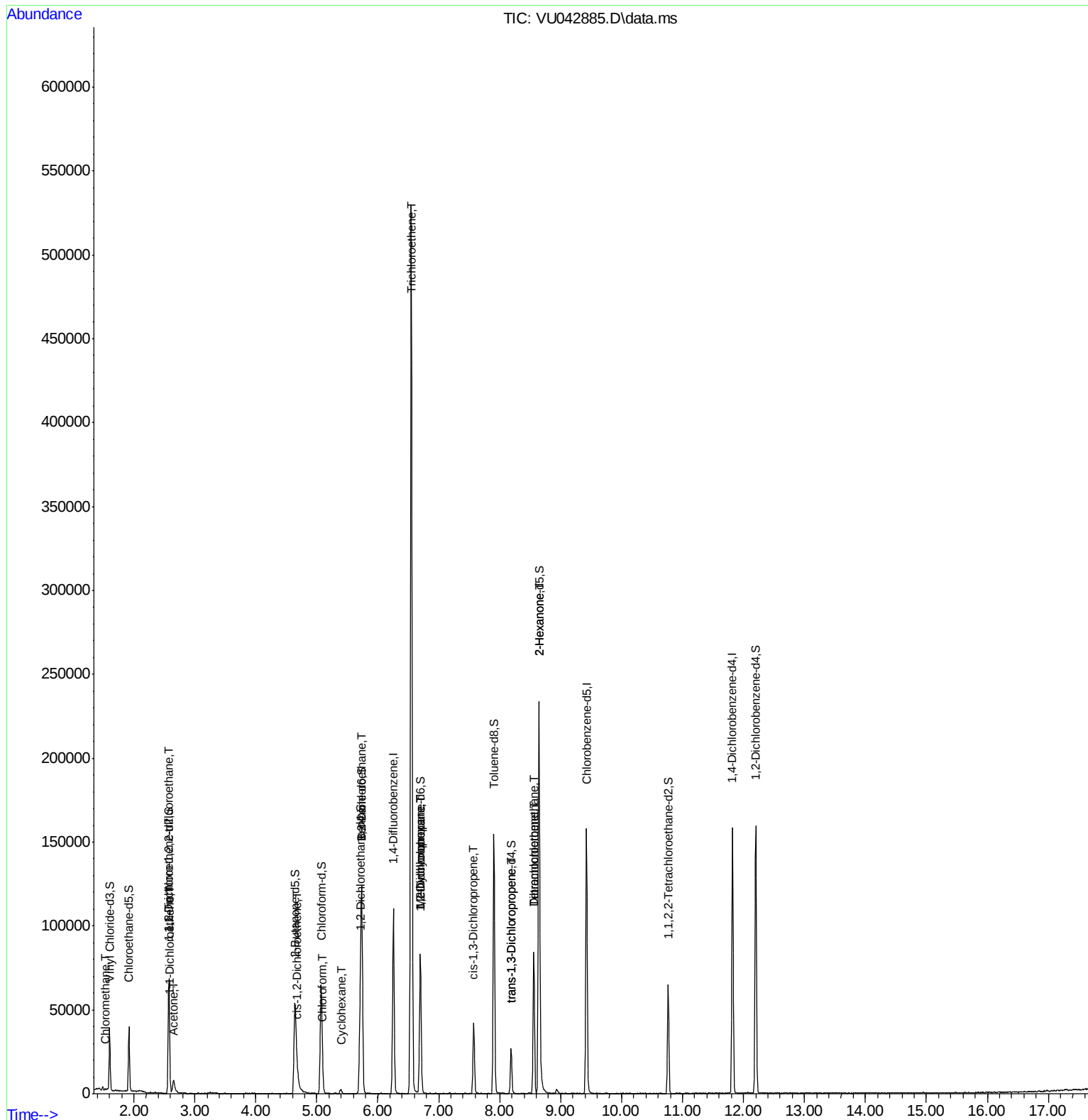
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82078	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	81072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	39951	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25525	4.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.80%			
7) Chloroethane-d5	1.919	69	24142	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.40%			
11) 1,1-Dichloroethene-d2	2.575	63	42335	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.642	46	106334	51.45	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.90%			
24) Chloroform-d	5.073	84	56582	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.713	65	36801	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.735	84	102839	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.700	67	35186	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.906	98	95031	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloroprop...	8.186	79	14185	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.645	63	79957	51.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.36%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29024	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	38752	5.17	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.40%			
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	390	0.06	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	344	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	423	0.08	ug/L #	1
13) Acetone	2.652	43	15382	12.43	ug/L	91
22) cis-1,2-Dichloroethene	4.681	96	1370	0.22	ug/L	91
25) Chloroform	5.099	83	1300	0.11	ug/L	96
27) 1,2-Dichloroethane	5.732	62	376	0.04	ug/L #	75
30) Cyclohexane	5.401	56	1114	0.11	ug/L #	88
34) Trichloroethene	6.552	95	168653	26.65	ug/L	98
35) Methylcyclohexane	6.700	83	8139	0.86	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4336	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1105	0.12	ug/L #	82
44) trans-1,3-Dichloropropene	8.189	75	798	0.09	ug/L	96
47) Tetrachloroethene	8.559	164	16858	3.26	ug/L	97
48) 2-Hexanone	8.645	43	12743	3.09	ug/L #	69
49) Dibromochloromethane	8.559	129	16472	2.80	ug/L #	12

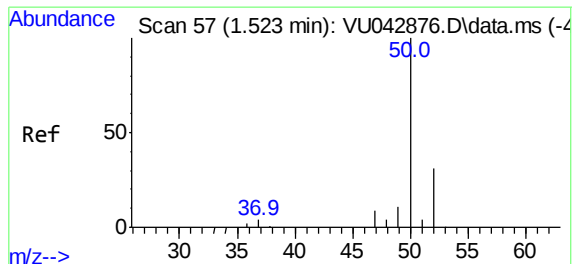
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration

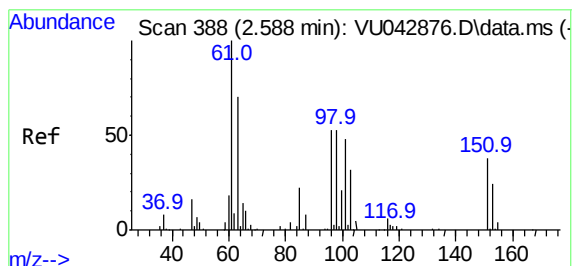
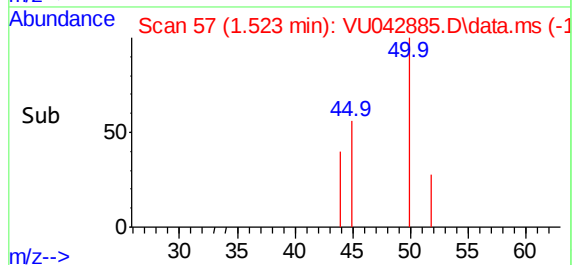
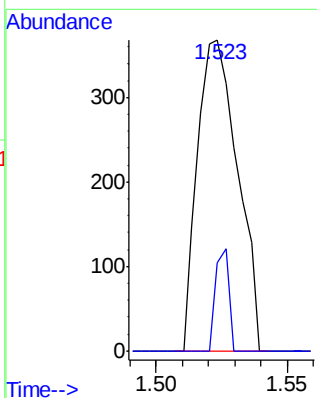
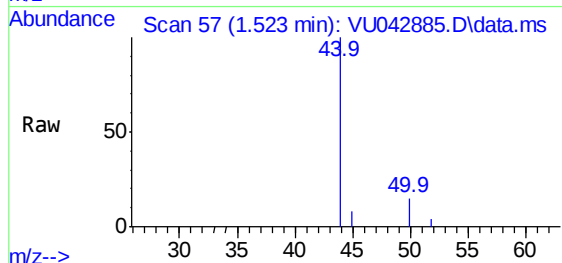




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

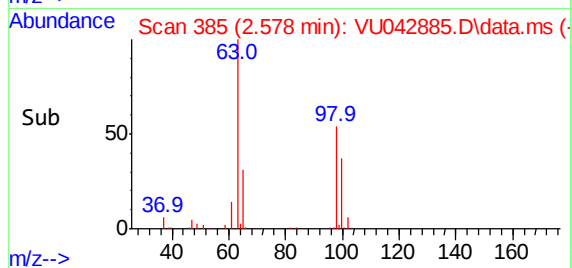
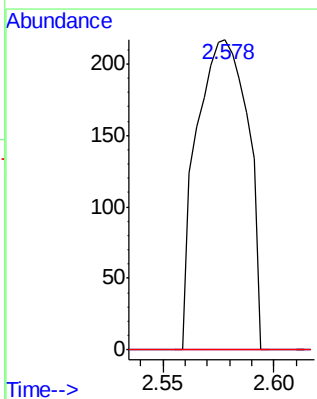
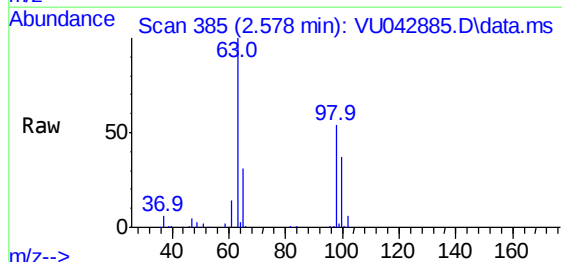
Instrument :
MSVOA_U
ClientSampleId :
YAR17

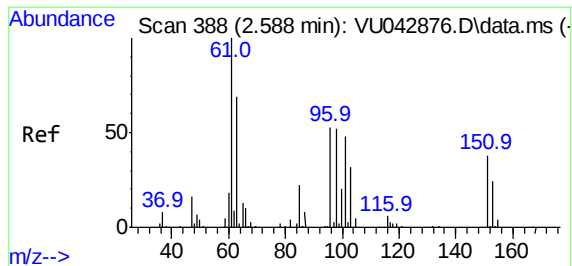
Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 28.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion:101 Resp: 344
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

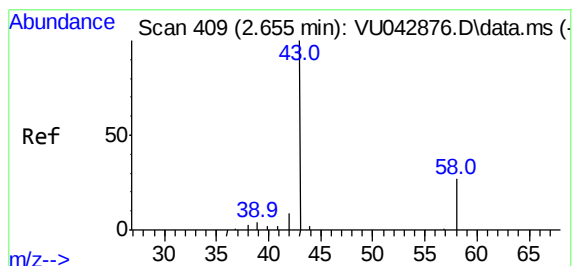
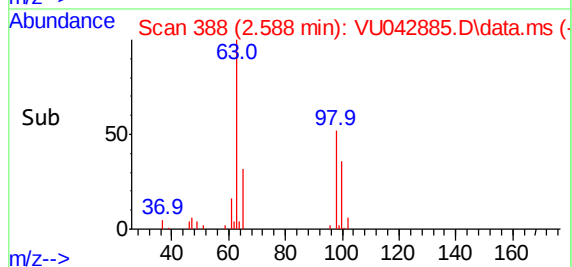
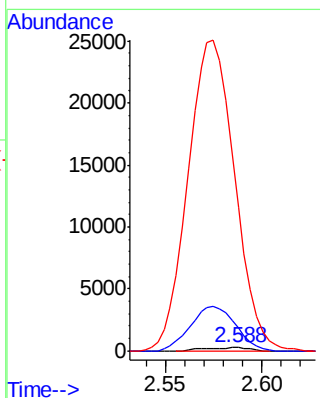
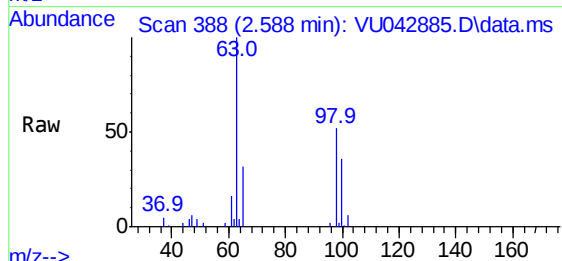




#12
1,1-Dichloroethene
Concen: 0.08 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

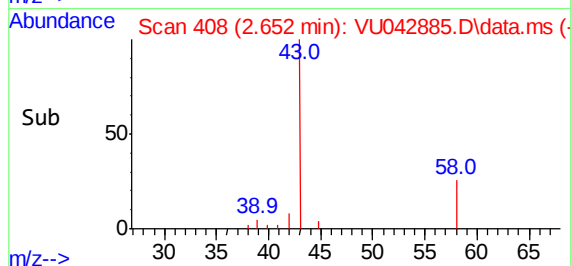
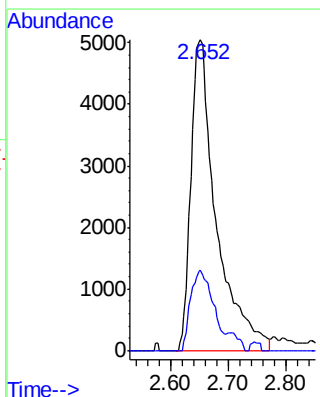
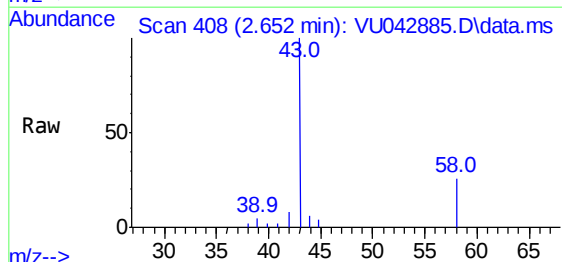
Instrument :
MSVOA_U
ClientSampleId :
YAR17

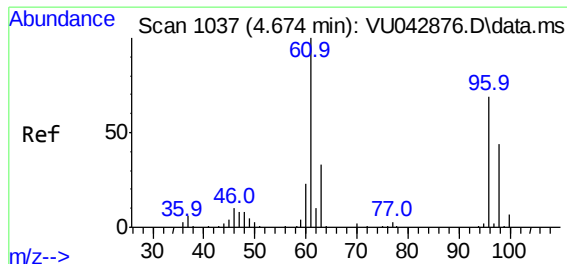
Tgt Ion: 96 Resp: 423
Ion Ratio Lower Upper
96 100
61 717.4 126.2 234.4#
63 4573.1 77.8 144.4#



#13
Acetone
Concen: 12.43 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 43 Resp: 15382
Ion Ratio Lower Upper
43 100
58 23.1 0.0 55.8

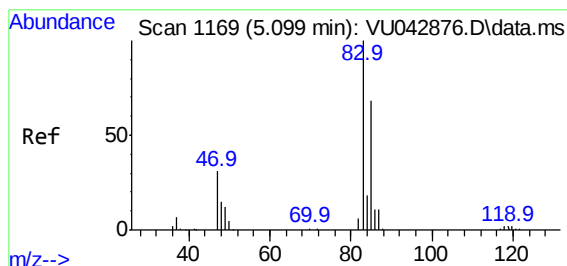
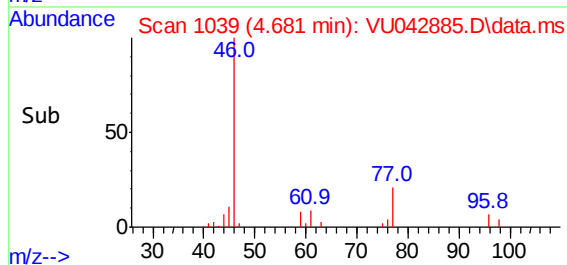
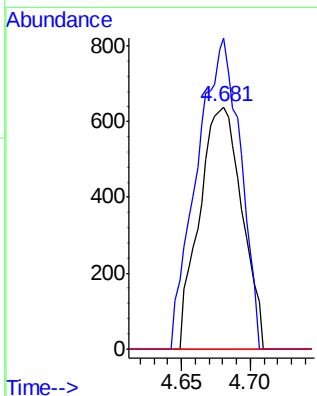
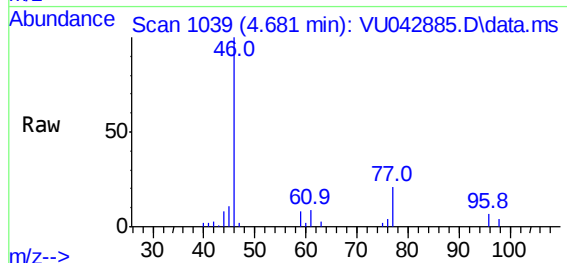




#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

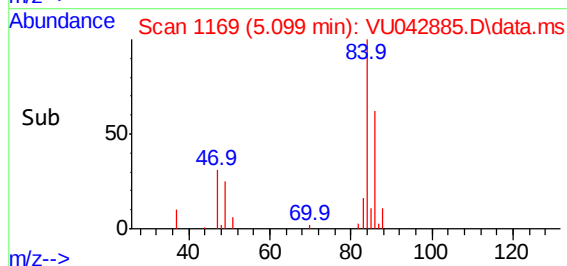
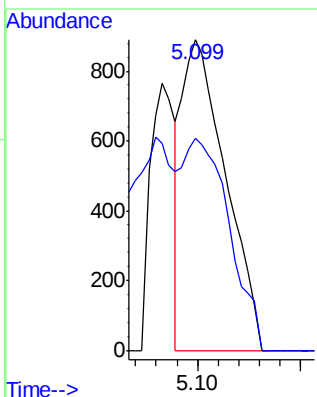
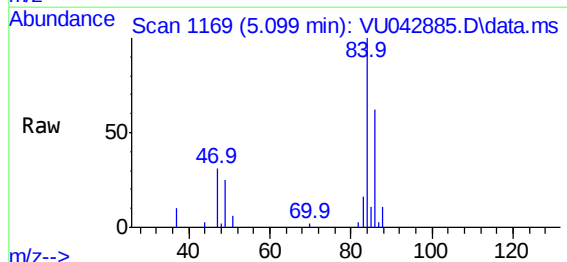
Instrument :
MSVOA_U
ClientSampled :
YAR17

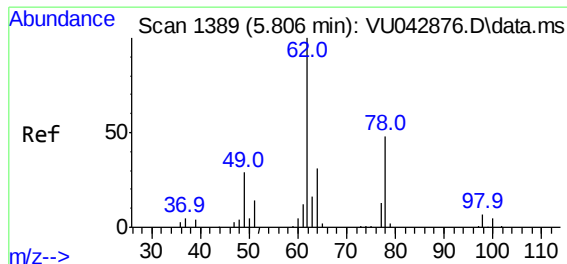
Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 128.3 97.8 181.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.11 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 83 Resp: 1300
Ion Ratio Lower Upper
83 100
85 68.2 45.7 84.9

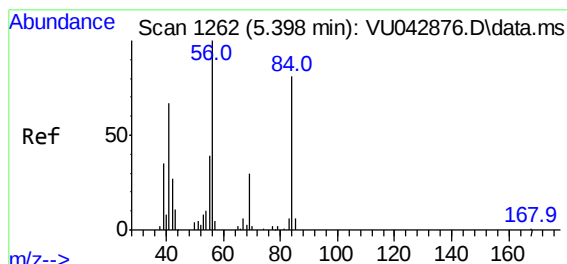
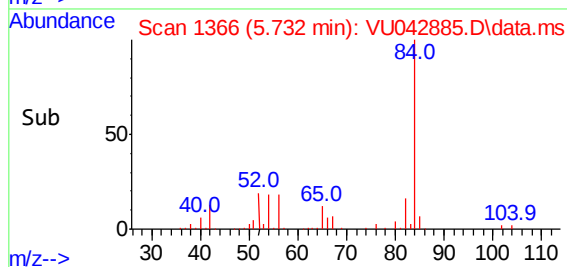
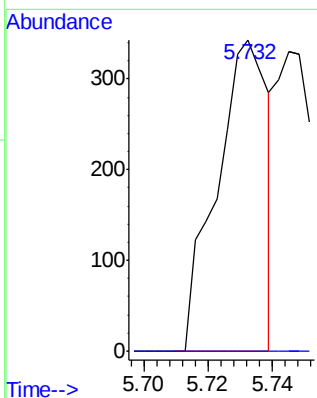
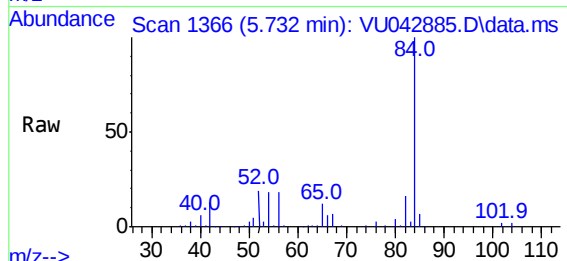




#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

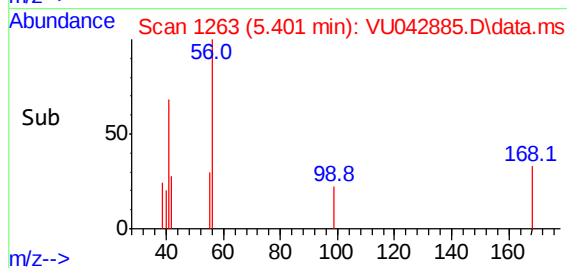
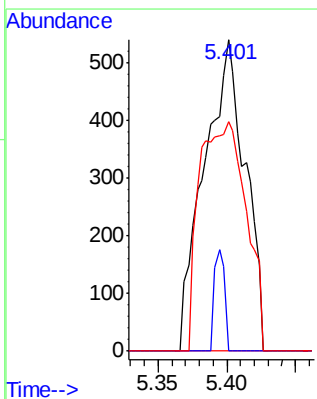
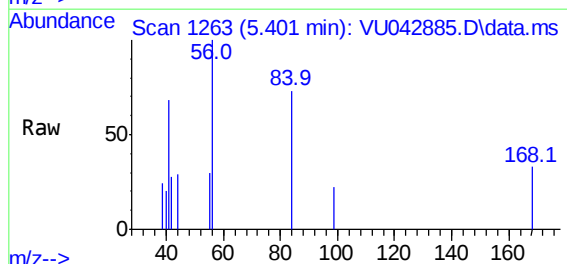
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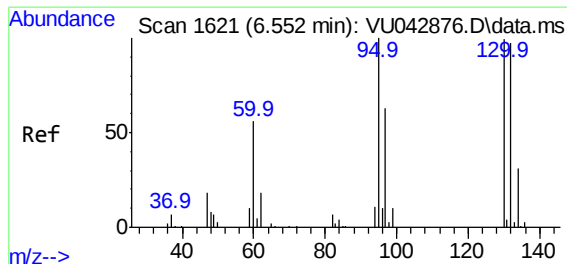
Tgt Ion: 62 Resp: 376
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.11 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 56 Resp: 1114
Ion Ratio Lower Upper
56 100
69 8.1 23.7 35.5#
84 83.8 65.3 97.9



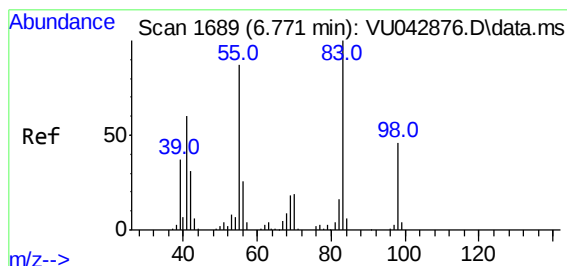
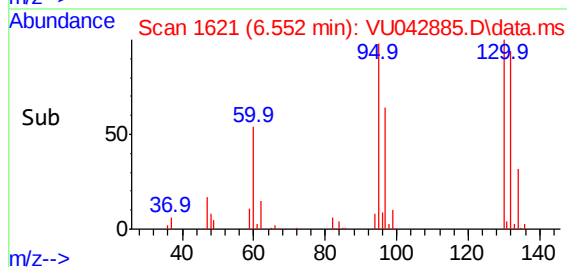
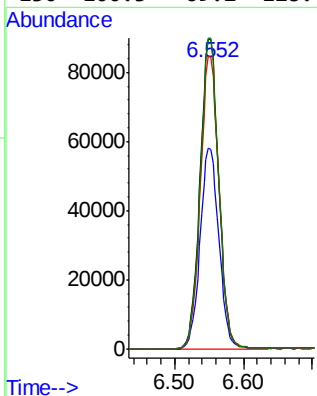
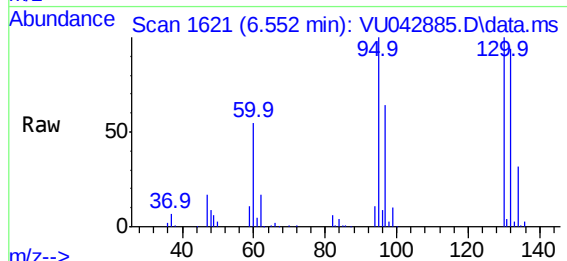


#34
Trichloroethene
Concen: 26.65 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Instrument :
MSVOA_U
ClientSampleId :
YAR17

Tgt Ion: 95 Resp: 168653

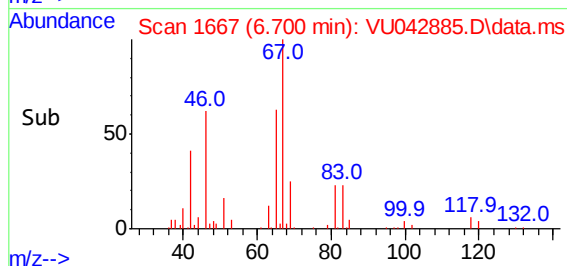
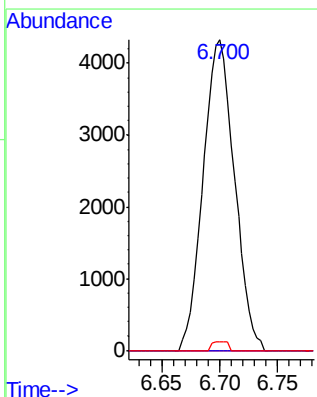
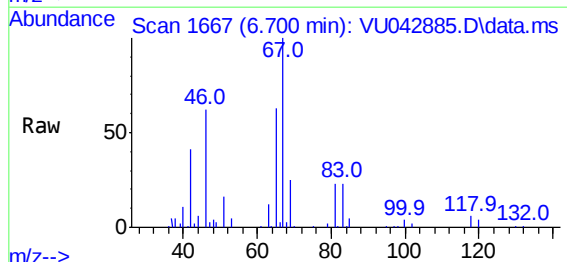
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	94.1	68.0	126.4
130	100.3	69.2	128.4

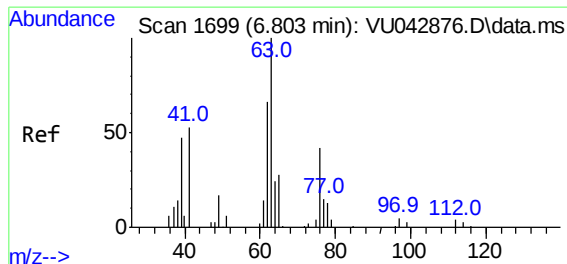


#35
Methylcyclohexane
Concen: 0.86 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 83 Resp: 8139

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	4.9	39.7	59.5#

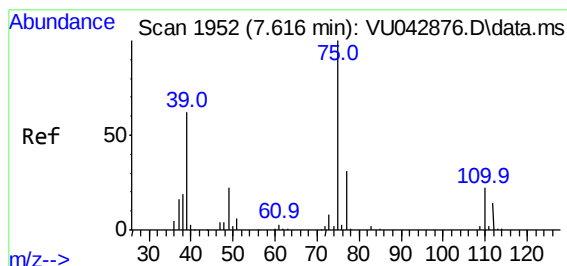
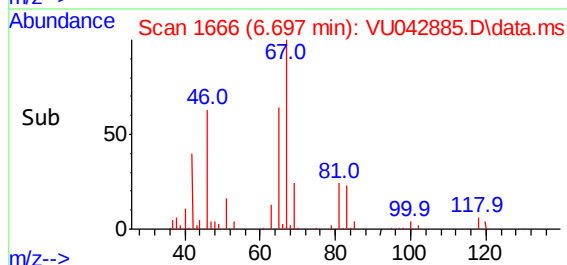
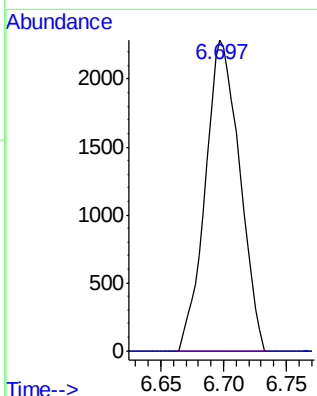
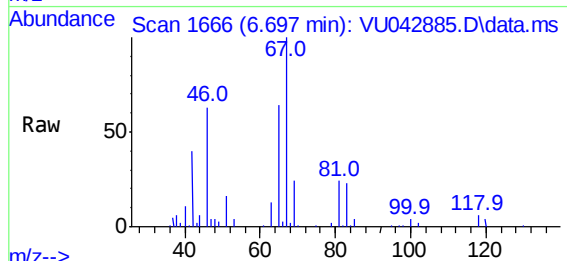




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.106 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

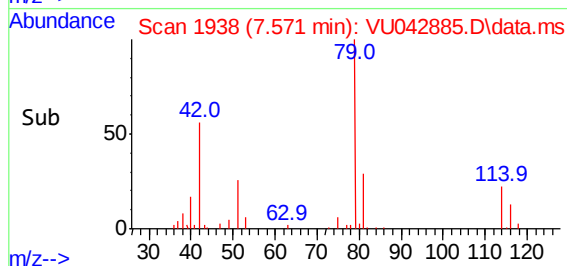
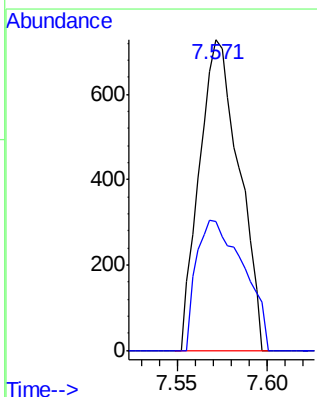
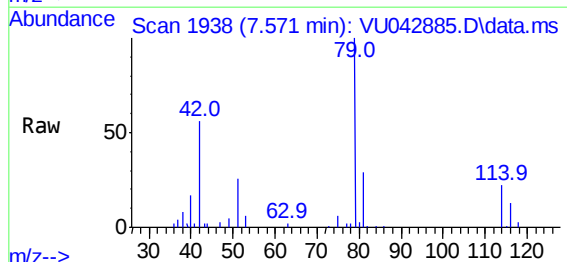
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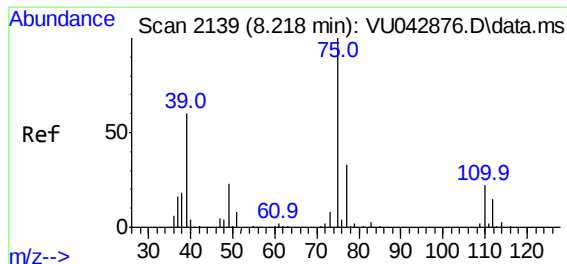
Tgt Ion: 63 Resp: 4336
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
77 41.6 22.0 40.8#



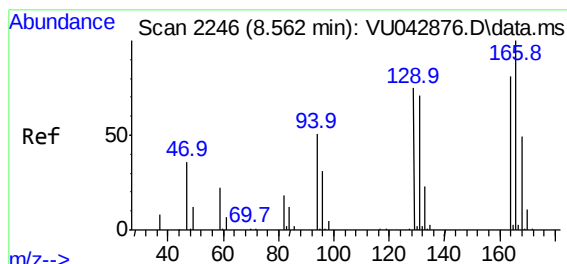
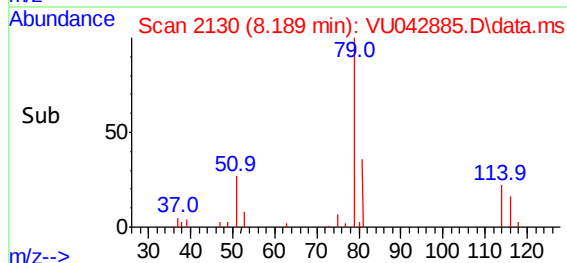
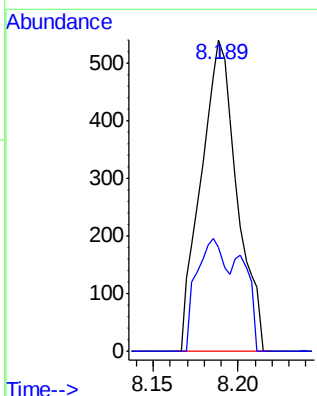
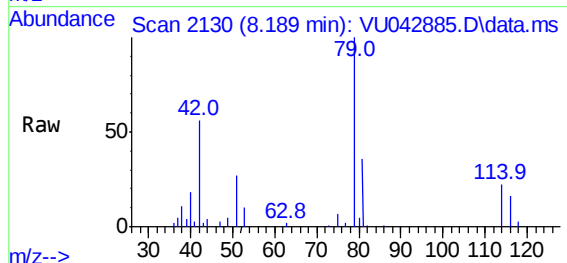


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

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ClientSampleId :
YAR17

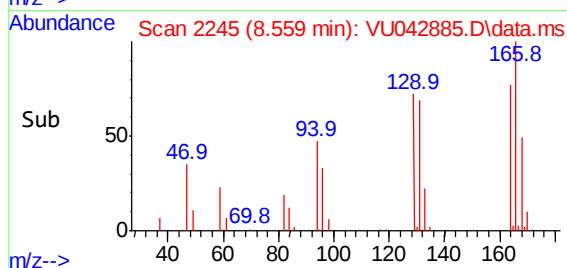
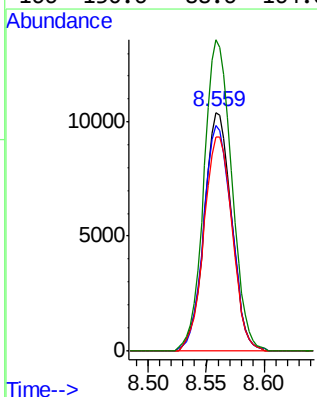
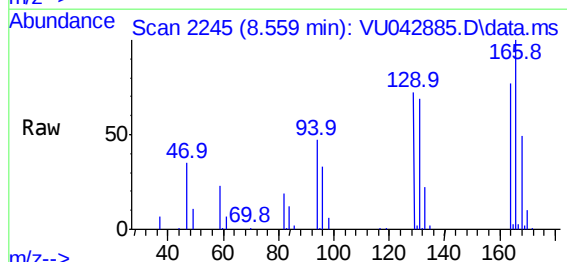
Tgt Ion: 75 Resp: 798
Ion Ratio Lower Upper
75 100
77 33.3 21.8 40.4

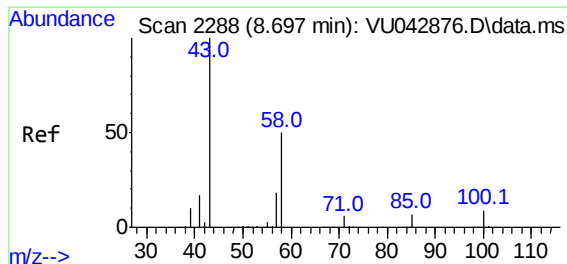


#47

Tetrachloroethene
Concen: 3.26 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion: 164 Resp: 16858
Ion Ratio Lower Upper
164 100
129 94.7 64.3 119.5
131 89.6 62.2 115.6
166 130.6 88.6 164.6

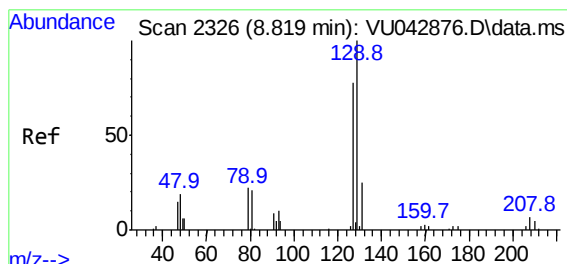
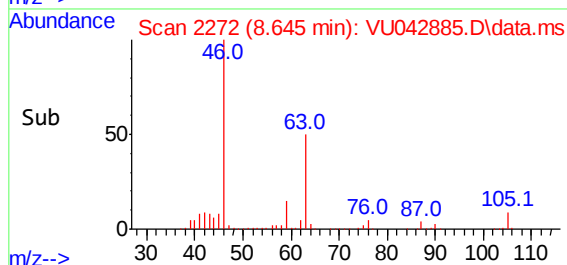
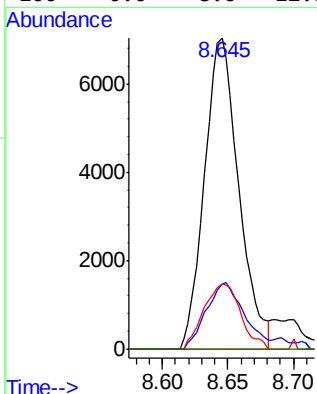
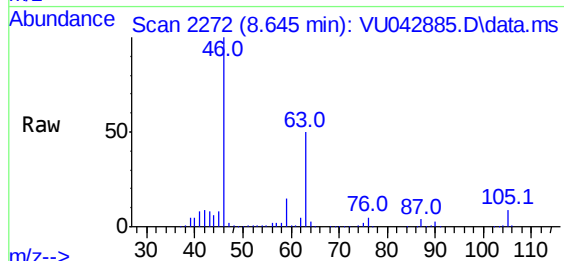




#48
2-Hexanone
Concen: 3.09 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Instrument :
MSVOA_U
ClientSampleId :
YAR17

Tgt Ion:	43	Resp:	12743
Ion	Ratio	Lower	Upper
43	100		
58	23.7	40.6	61.0#
57	22.4	14.9	22.3#
100	0.0	8.6	12.8#



#49
Dibromochloromethane
Concen: 2.80 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042885.D
Acq: 01 Apr 2021 19:14

Tgt Ion:	129	Resp:	16472
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#

