

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042663.D
 Acq On : 15 Mar 2021 14:34
 Operator : SY/MD
 Sample : M1679-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF1DL

Quant Time: Mar 16 01:36:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

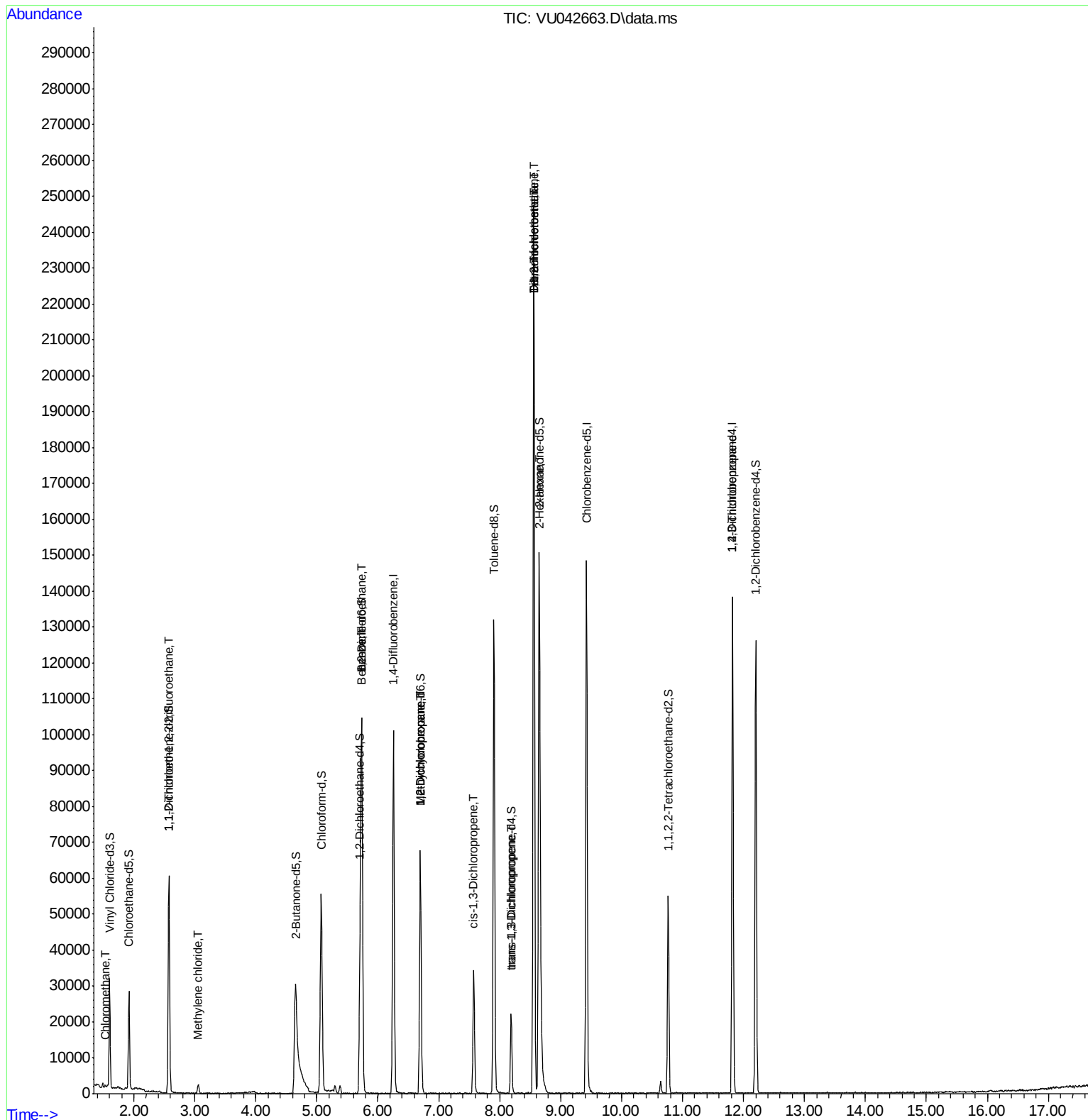
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	77725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	77919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35638	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20795	4.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.20%		
7) Chloroethane-d5	1.919	69	18227	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	93.00%		
11) 1,1-Dichloroethene-d2	2.575	63	38007	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.00%		
20) 2-Butanone-d5	4.652	46	74359	43.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	87.42%		
24) Chloroform-d	5.073	84	47643	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.00%		
26) 1,2-Dichloroethane-d4	5.710	65	32917	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.40%		
32) Benzene-d6	5.735	84	88096	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.20%		
36) 1,2-Dichloropropane-d6	6.700	67	29382	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.40%		
41) Toluene-d8	7.906	98	81810	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.80%		
43) trans-1,3-Dichloroprop...	8.189	79	11520	4.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.00%		
46) 2-Hexanone-d5	8.648	63	59628	43.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	86.50%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25794	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	32153	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.60%		
Target Compounds						Qvalue
3) Chloromethane	1.526	50	342	0.05	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	283	0.05	ug/L #	18
16) Methylene chloride	3.047	84	1150	0.18	ug/L	81
27) 1,2-Dichloroethane	5.735	62	270	0.03	ug/L #	75
33) Benzene	5.738	78	738	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6561	0.64	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3472	0.53	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	972	0.10	ug/L #	73
44) trans-1,3-Dichloropropene	8.185	75	617	0.07	ug/L #	44
45) 1,1,2-Trichloroethane	8.558	97	409	0.08	ug/L #	23
47) Tetrachloroethene	8.562	164	53135	9.64	ug/L	97
48) 2-Hexanone	8.652	43	9505	2.25	ug/L #	72
49) Dibromochloromethane	8.558	129	45987	7.57	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4550	0.92	ug/L	93

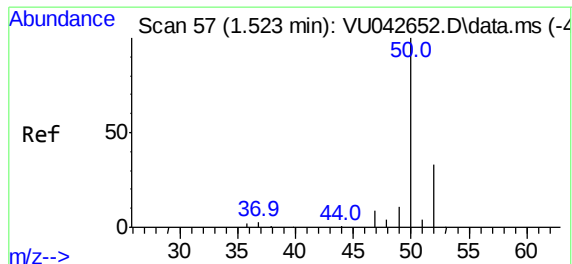
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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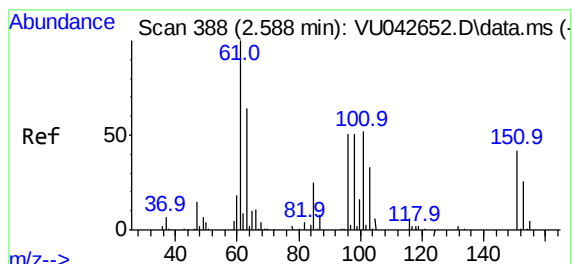
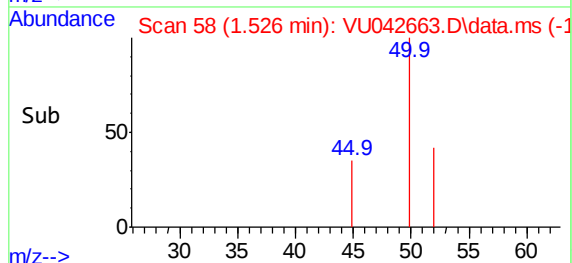
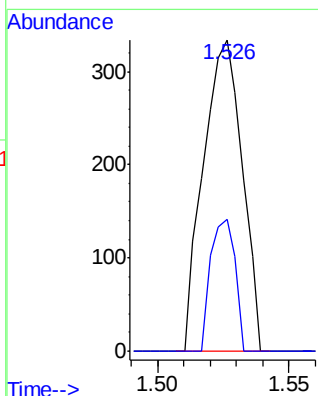
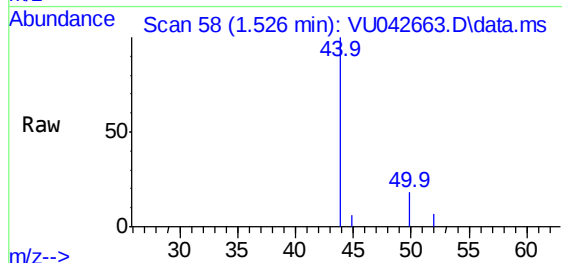




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

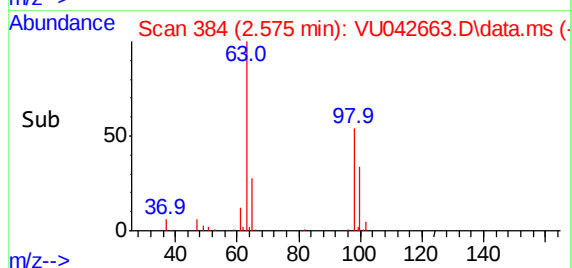
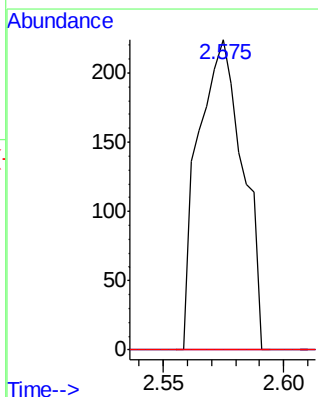
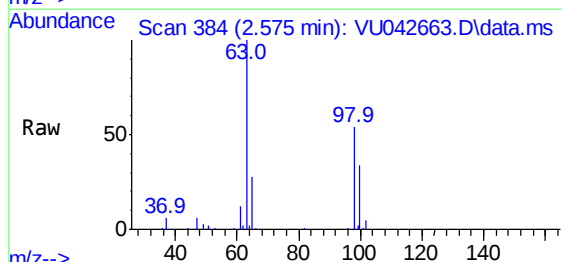
Instrument :
MSVOA_U
ClientSampleID :
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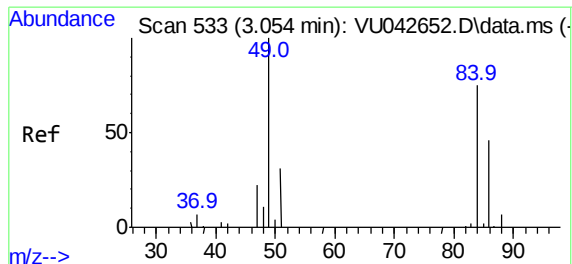
Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 42.2 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 101 Resp: 283
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

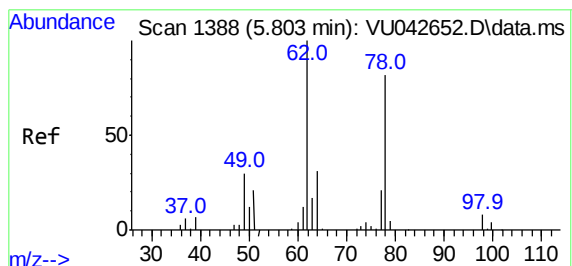
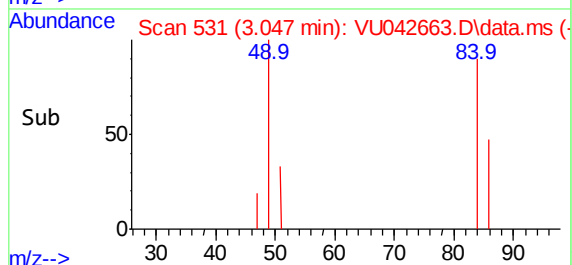
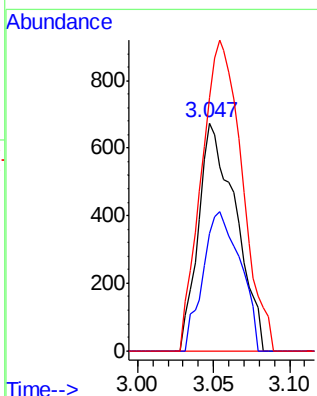
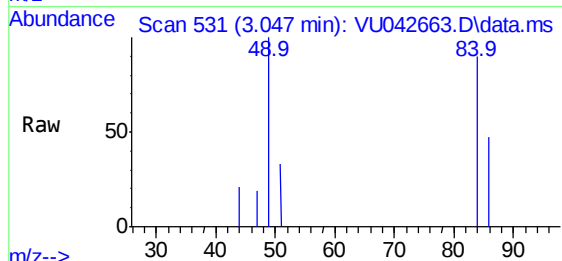




#16
Methylene chloride
Concen: 0.18 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.007 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

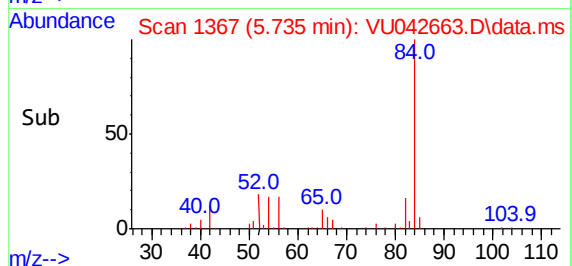
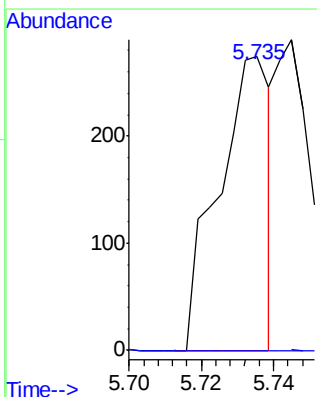
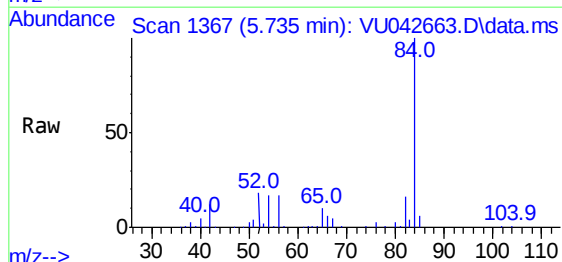
Instrument :
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ClientSampleId :
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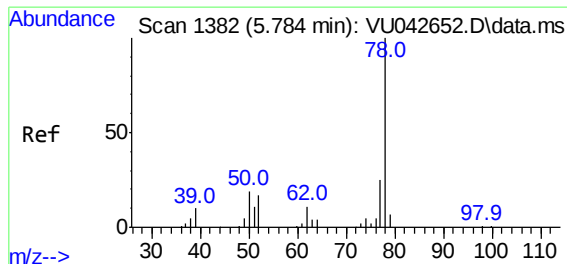
Tgt Ion: 84 Resp: 1150
Ion Ratio Lower Upper
84 100
86 51.7 44.1 81.9
49 110.8 95.0 176.4



#27
1,2-Dichloroethane
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 62 Resp: 270
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

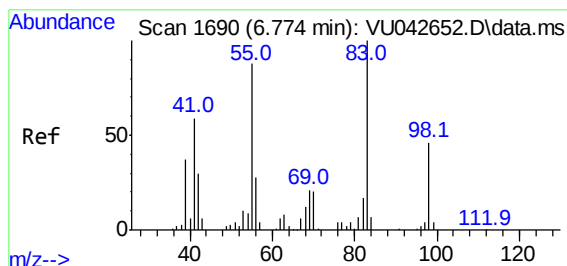
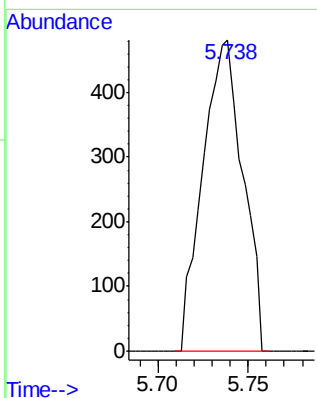
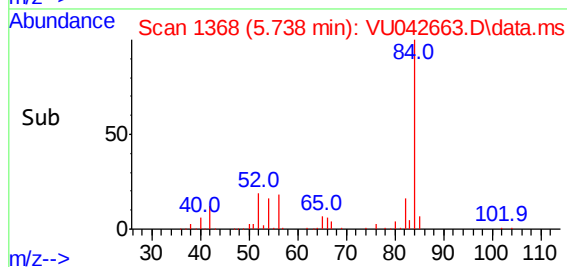
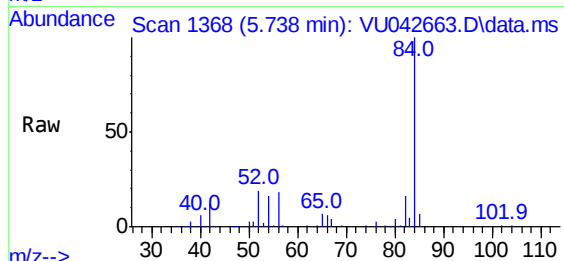




#33
Benzene
Concen: 0.03 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

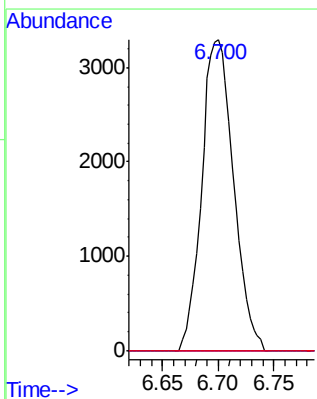
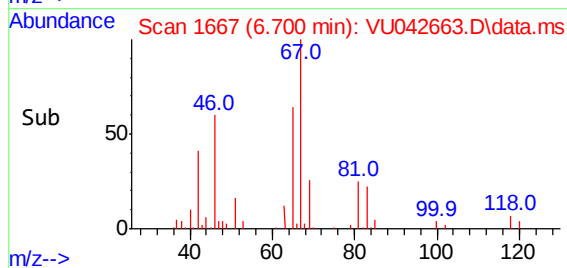
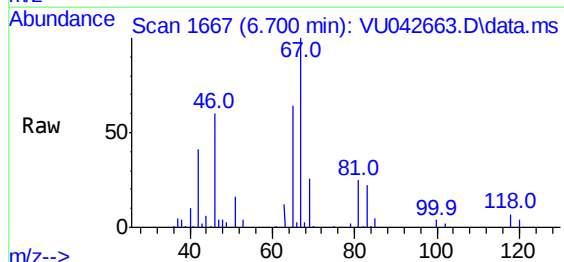
Instrument :
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ClientSampleId :
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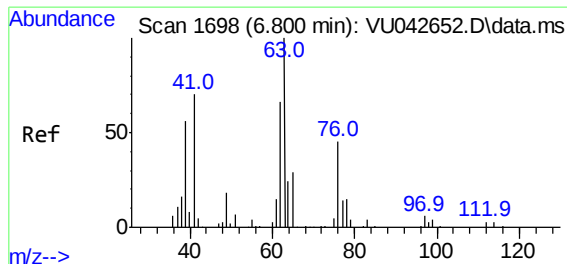
Tgt Ion: 78 Resp: 738



#35
Methylcyclohexane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 83 Resp: 6561
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

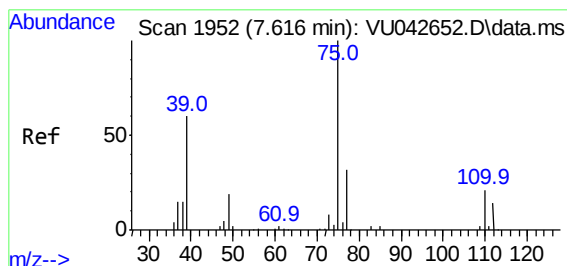
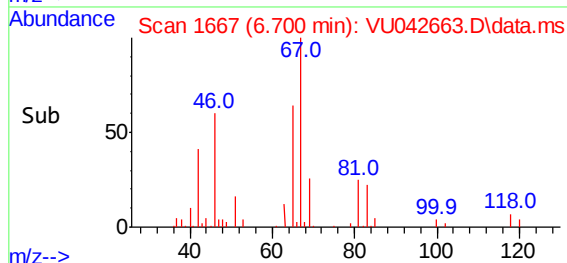
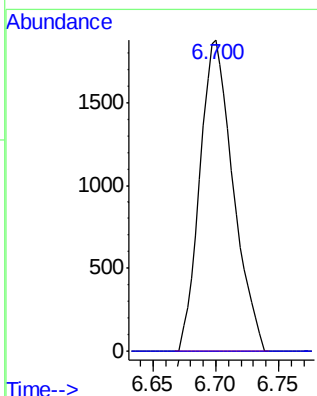
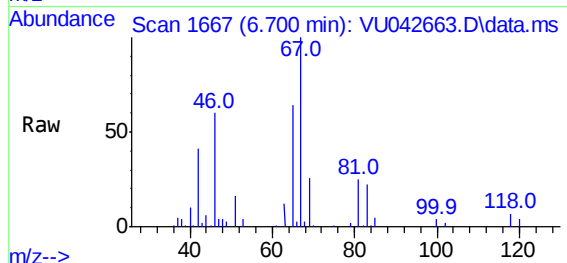




#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

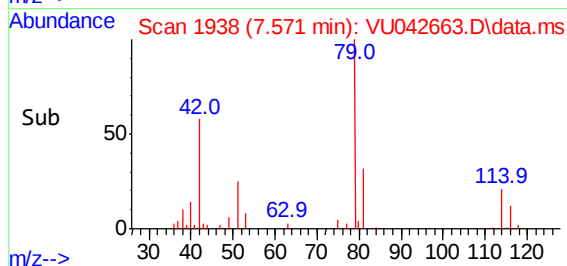
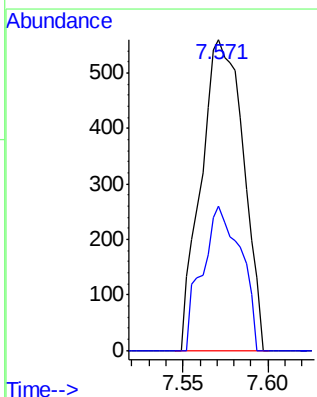
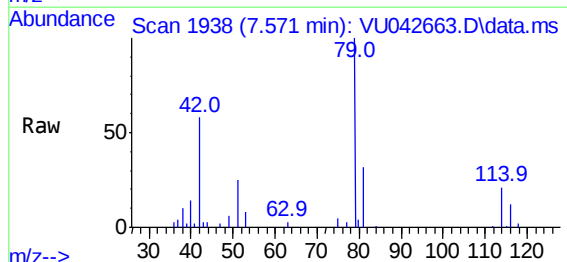
Instrument :
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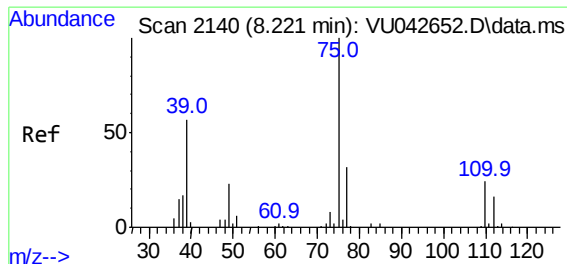
Tgt Ion: 63 Resp: 3472
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 75 Resp: 972
Ion Ratio Lower Upper
75 100
77 46.3 22.0 40.8#



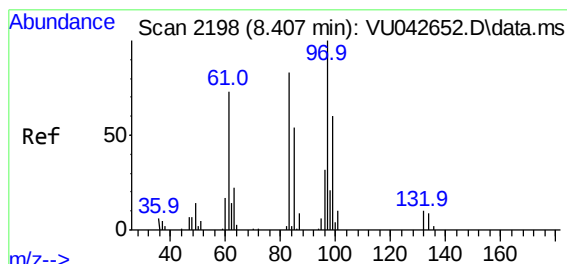
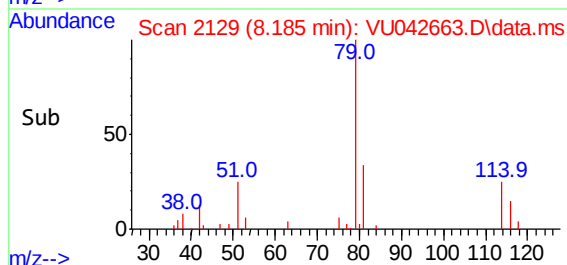
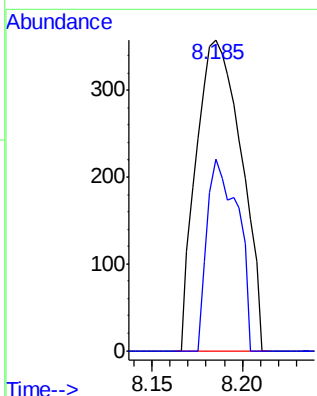
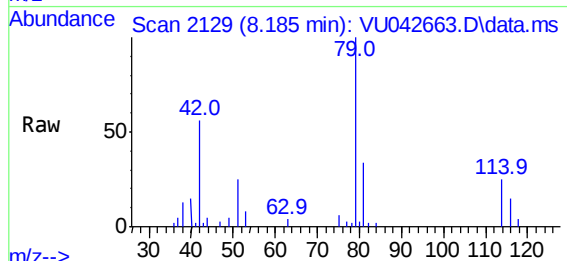


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.036 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Instrument :
MSVOA_U
ClientSampleId :
C0AF1DL

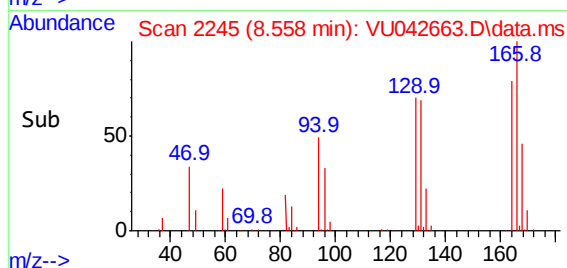
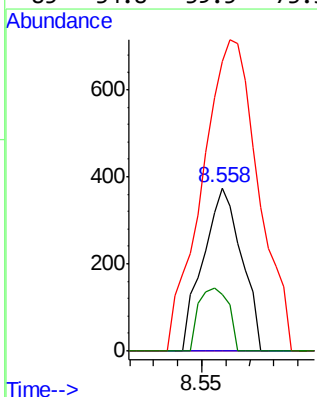
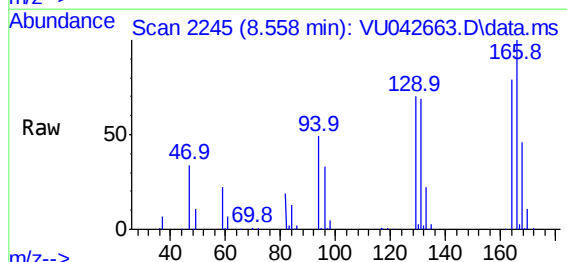
Tgt Ion: 75 Resp: 617
Ion Ratio Lower Upper
75 100
77 61.7 21.8 40.4#

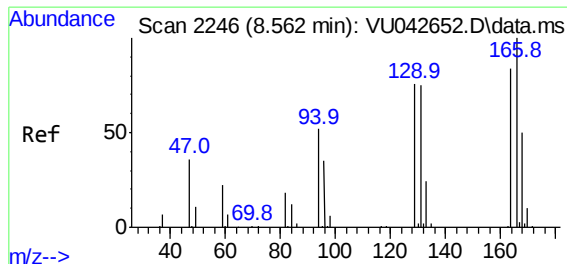


#45

1,1,2-Trichloroethane
Concen: 0.08 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.151 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 97 Resp: 409
Ion Ratio Lower Upper
97 100
99 0.0 44.0 81.8#
83 177.8 57.6 107.0#
85 34.8 39.5 73.3#

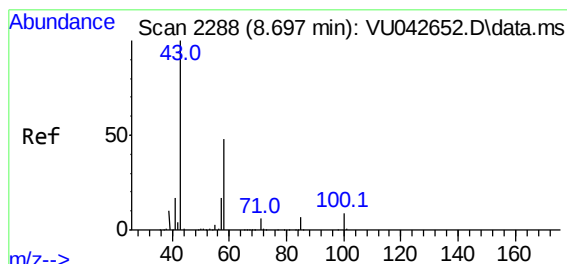
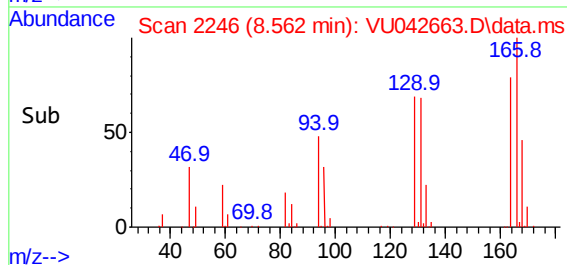
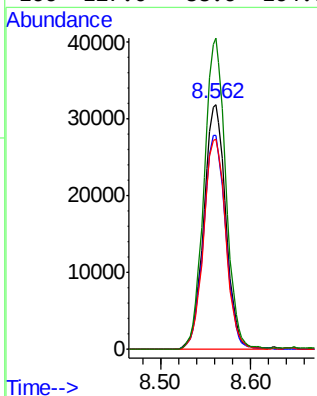
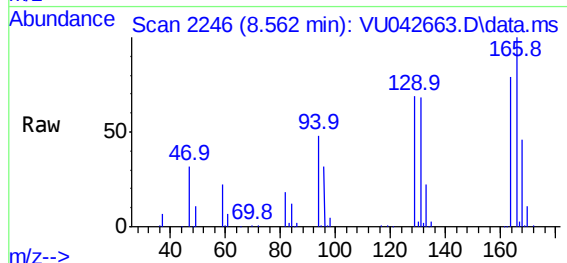




#47
Tetrachloroethene
Concen: 9.64 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

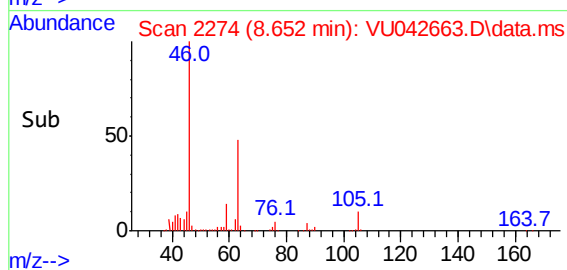
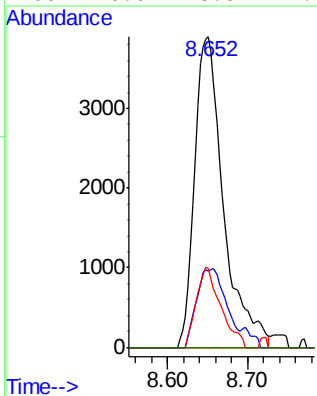
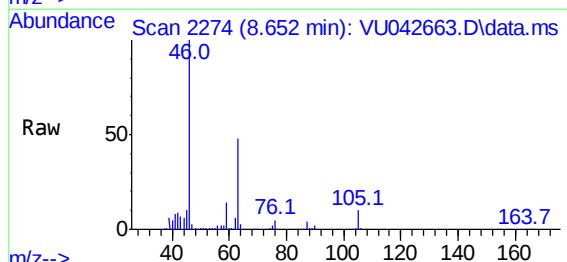
Instrument :
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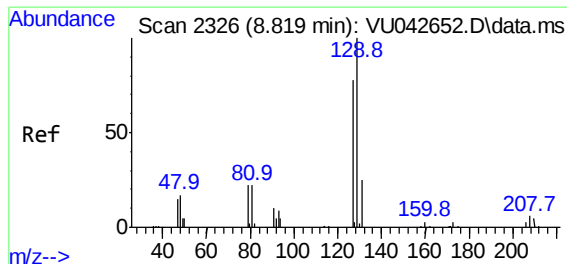
Tgt Ion:164 Resp: 53135
Ion Ratio Lower Upper
164 100
129 87.0 64.3 119.5
131 85.7 62.2 115.6
166 127.0 88.6 164.6



#48
2-Hexanone
Concen: 2.25 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.045 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 43 Resp: 9505
Ion Ratio Lower Upper
43 100
58 25.7 40.6 61.0#
57 21.8 14.9 22.3
100 0.0 8.6 12.8#

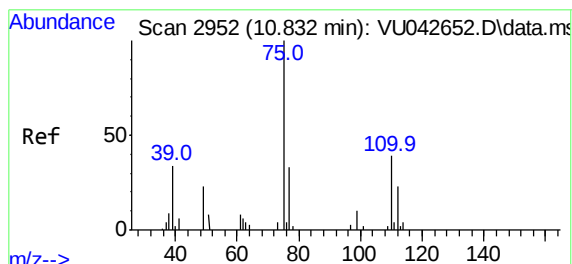
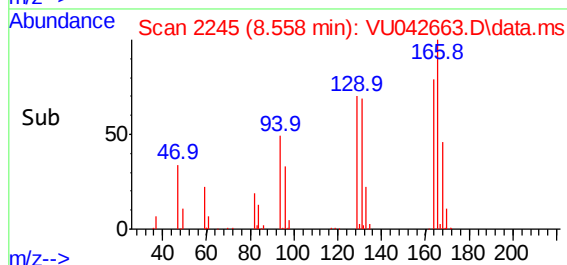
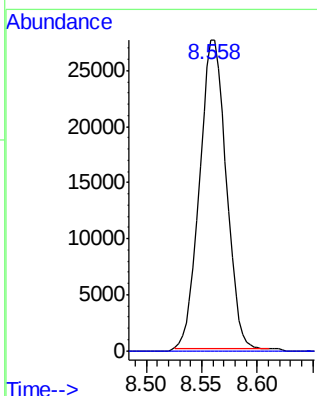
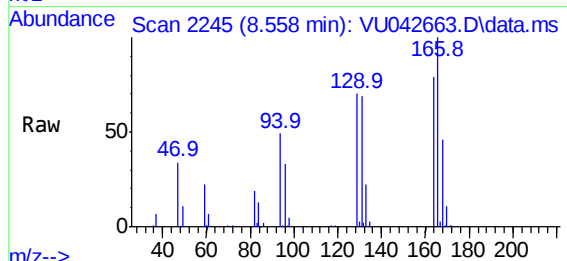




#49
Dibromochloromethane
Concen: 7.57 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Instrument :
MSVOA_U
ClientSampleId :
C0AF1DL

Tgt Ion:129 Resp: 45987
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.92 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042663.D
Acq: 15 Mar 2021 14:34

Tgt Ion: 75 Resp: 4550
Ion Ratio Lower Upper
75 100
77 36.7 26.0 39.0

