

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042839.D
 Acq On : 30 Mar 2021 15:18
 Operator : SY/MD
 Sample : M1846-22DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR15DL

Quant Time: Mar 31 02:11:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

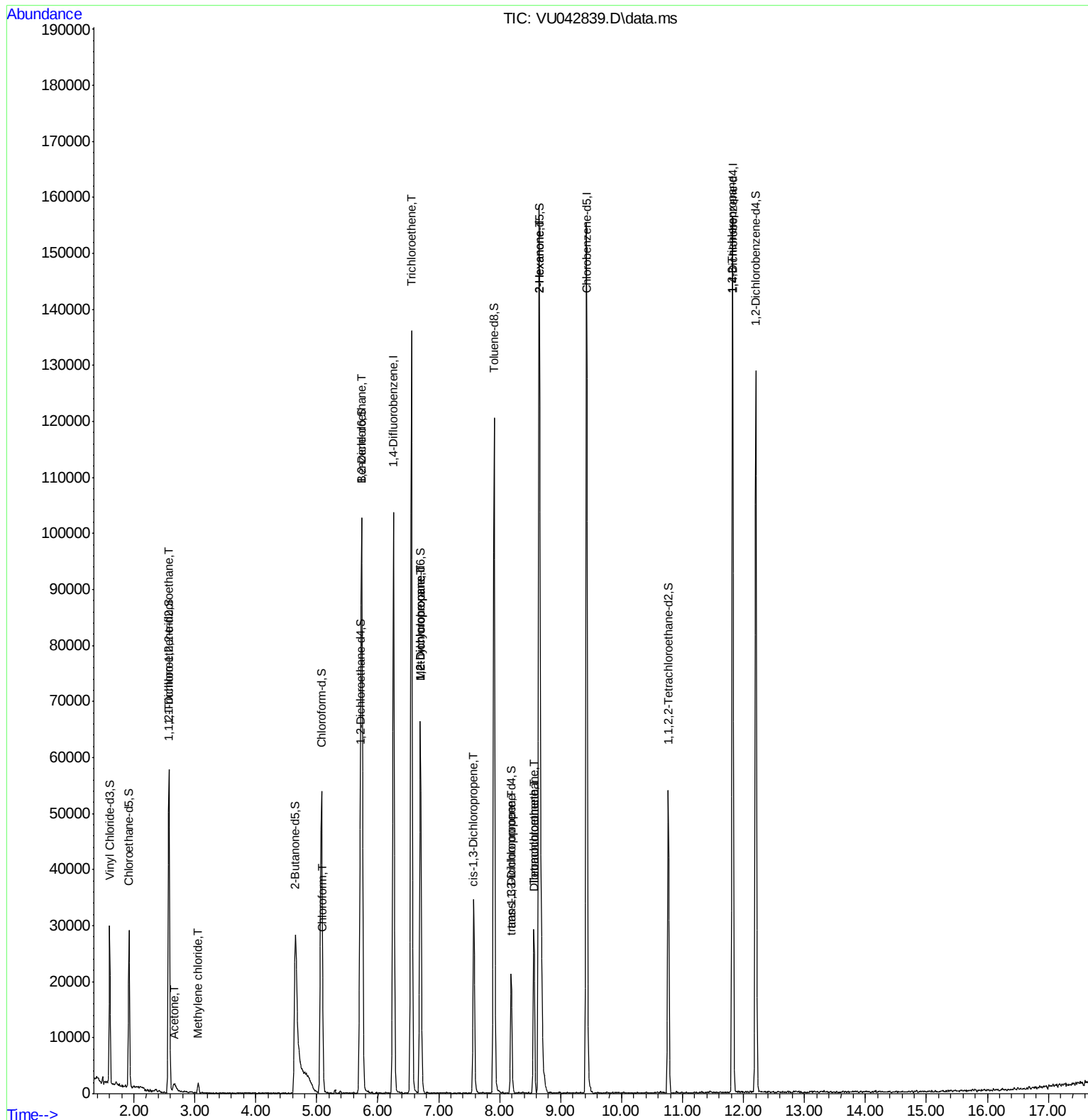
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	38333	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19788	3.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	74.20%		
7) Chloroethane-d5	1.919	69	18443	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	91.40%		
11) 1,1-Dichloroethene-d2	2.575	63	35849	2.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	59.60%#		
20) 2-Butanone-d5	4.649	46	69834	39.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	79.74%		
24) Chloroform-d	5.073	84	48060	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.20%		
26) 1,2-Dichloroethane-d4	5.713	65	30534	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.00%		
32) Benzene-d6	5.739	84	85011	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.20%		
36) 1,2-Dichloropropane-d6	6.703	67	28732	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.40%		
41) Toluene-d8	7.909	98	76585	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.60%		
43) trans-1,3-Dichloroprop...	8.189	79	11377	3.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	76.60%		
46) 2-Hexanone-d5	8.648	63	64325	45.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	90.38%		
57) 1,1,2,2-Tetrachloroeth...	10.767	84	24737	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.20%		
64) 1,2-Dichlorobenzene-d4	12.201	152	32156	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	92.60%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	277	0.05	ug/L #	18
13) Acetone	2.665	43	3483	2.58	ug/L	96
16) Methylene chloride	3.057	84	836	0.12	ug/L #	74
25) Chloroform	5.096	83	1298	0.11	ug/L #	61
27) 1,2-Dichloroethane	5.739	62	494	0.05	ug/L #	75
34) Trichloroethene	6.552	95	43124	6.18	ug/L	99
35) Methylcyclohexane	6.703	83	6696	0.63	ug/L #	19
37) 1,2-Dichloropropane	6.703	63	3502	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	961	0.10	ug/L #	65
44) trans-1,3-Dichloropropene	8.185	75	510	0.06	ug/L	86
47) Tetrachloroethene	8.562	164	6552	1.15	ug/L	97
48) 2-Hexanone	8.645	43	10551	2.41	ug/L #	69
49) Dibromochloromethane	8.558	129	5646	0.90	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	4976	0.97	ug/L	89

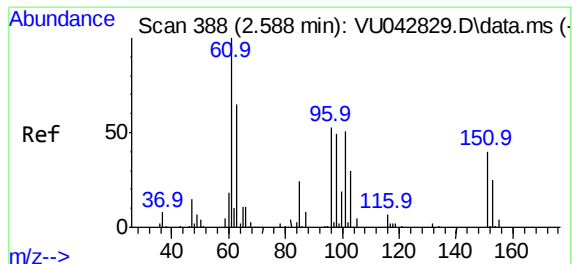
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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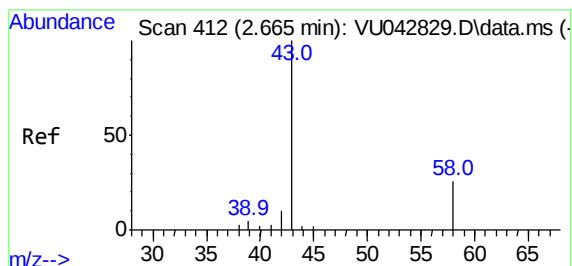
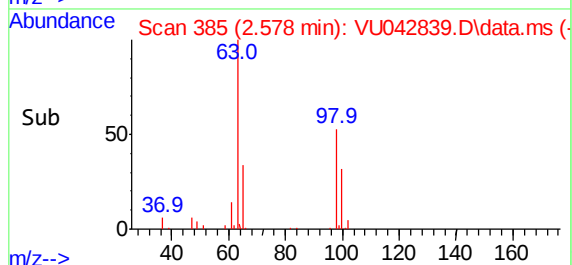
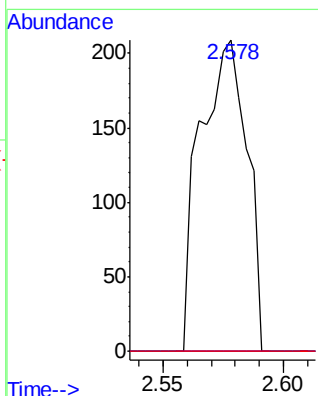
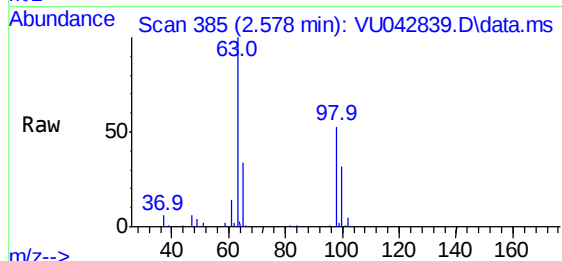




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

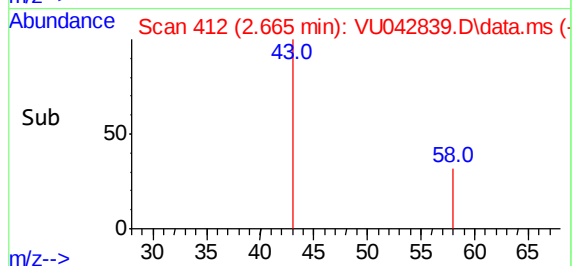
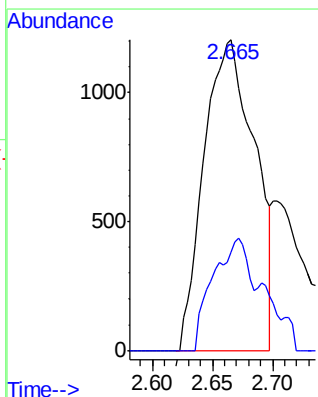
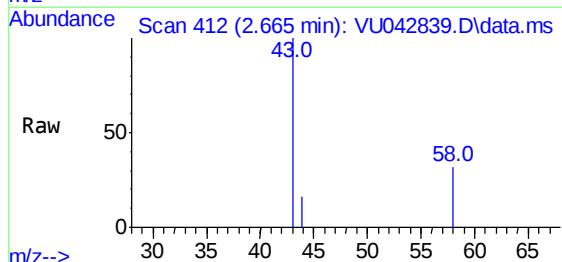
Instrument :
MSVOA_U
ClientSampleId :
YAR15DL

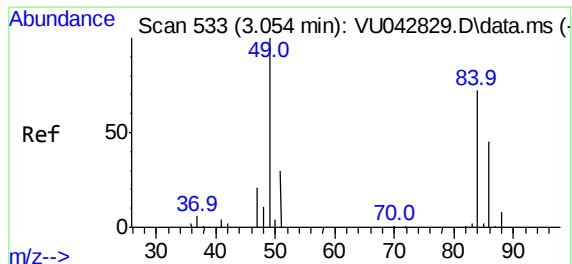
Tgt Ion:101 Resp: 277
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#13
Acetone
Concen: 2.58 ug/L
RT: 2.665 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
58 25.9 0.0 55.8

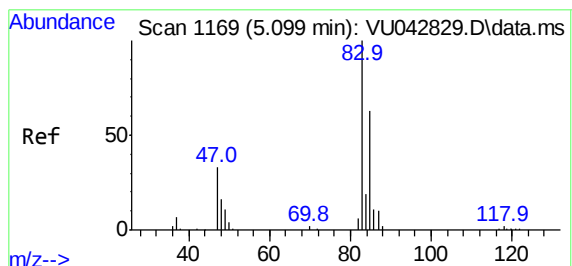
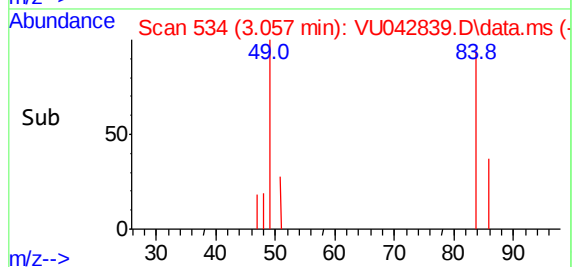
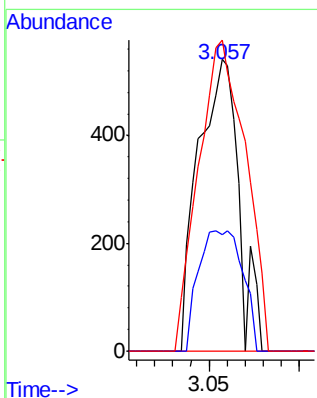
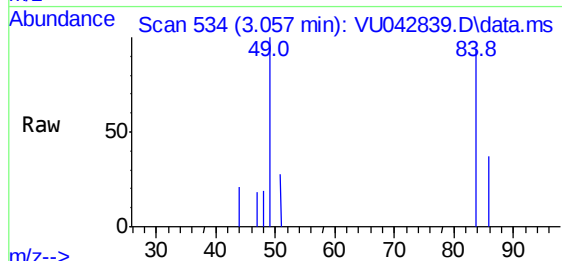




#16
Methylene chloride
Concen: 0.12 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

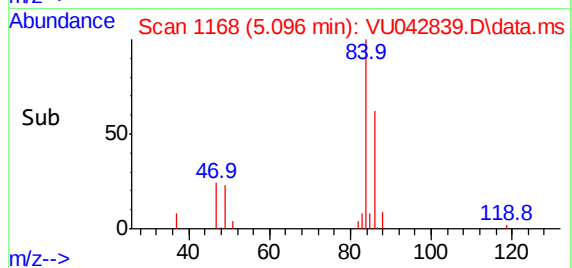
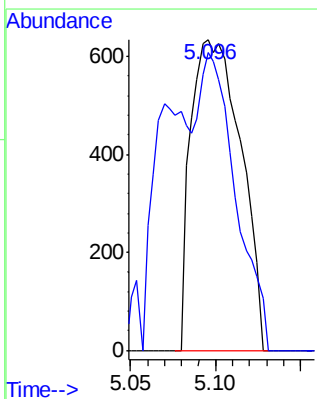
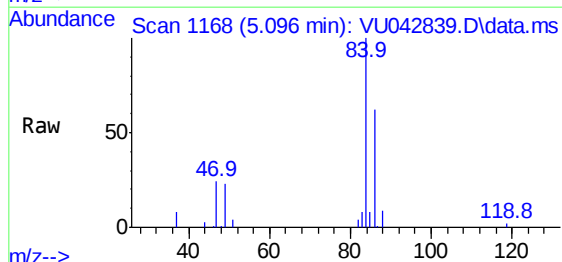
Instrument :
MSVOA_U
ClientSampled :
YAR15DL

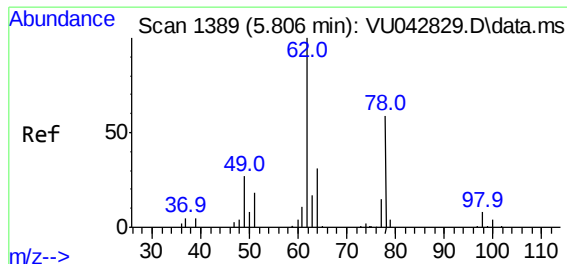
Tgt Ion: 84 Resp: 836
Ion Ratio Lower Upper
84 100
86 39.7 44.1 81.9#
49 106.7 95.0 176.4



#25
Chloroform
Concen: 0.11 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 83 Resp: 1298
Ion Ratio Lower Upper
83 100
85 96.1 45.7 84.9#

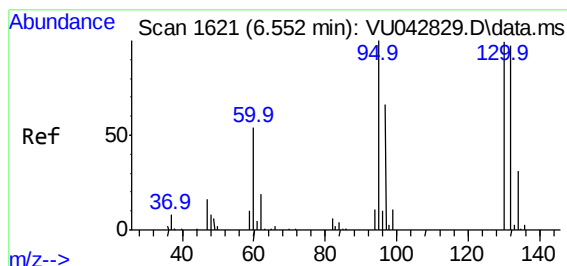
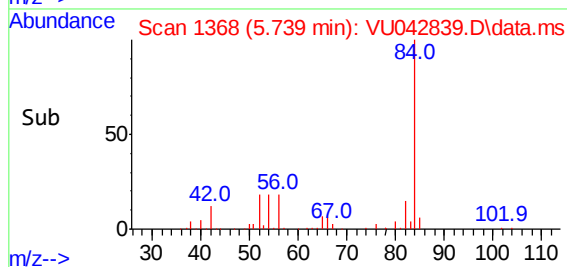
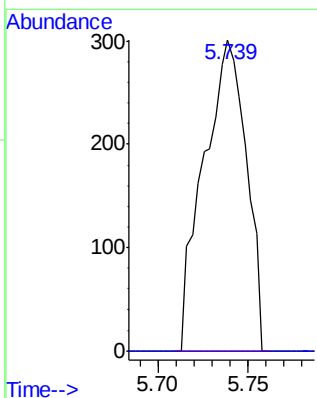
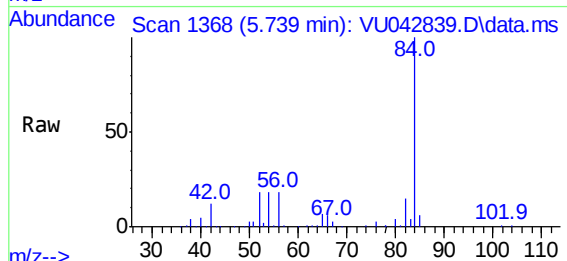




#27
1,2-Dichloroethane
Concen: 0.05 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

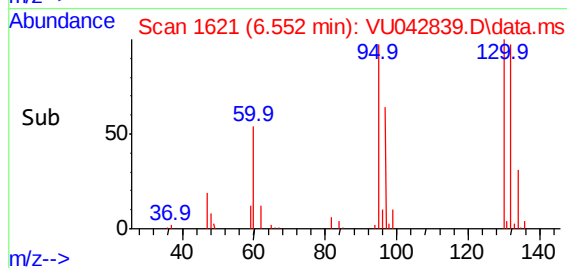
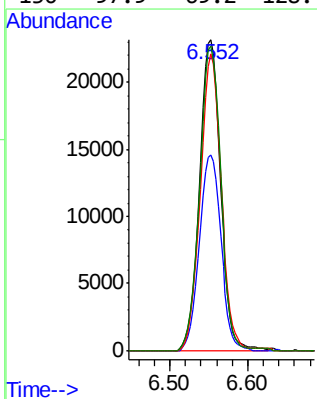
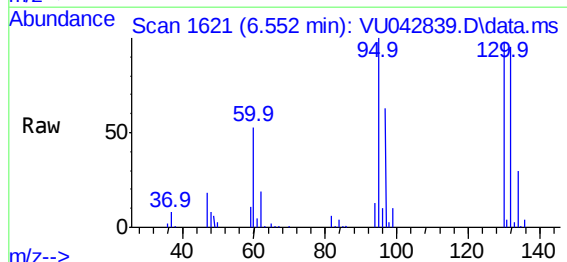
Instrument :
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ClientSampleId :
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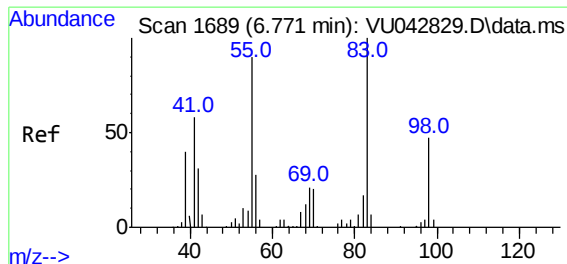
Tgt Ion: 62 Resp: 494
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#34
Trichloroethene
Concen: 6.18 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 95 Resp: 43124
Ion Ratio Lower Upper
95 100
97 63.0 44.4 82.4
132 95.3 68.0 126.4
130 97.9 69.2 128.4

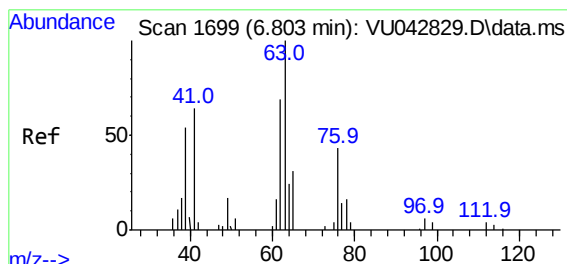
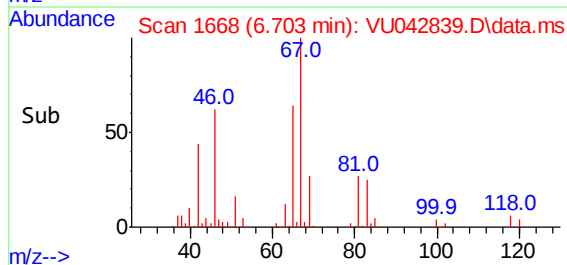
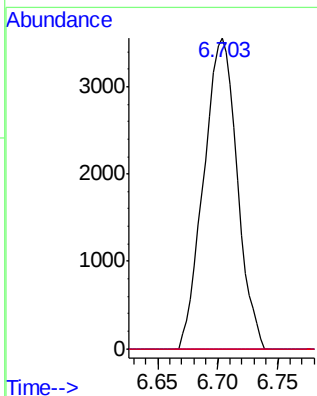
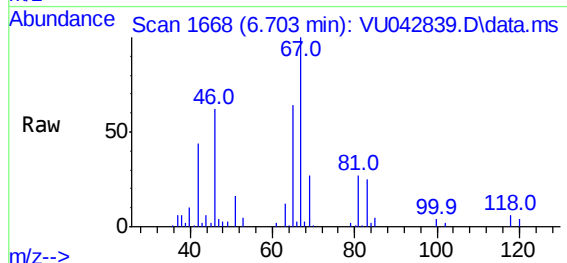




#35
Methylcyclohexane
Concen: 0.63 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.068 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

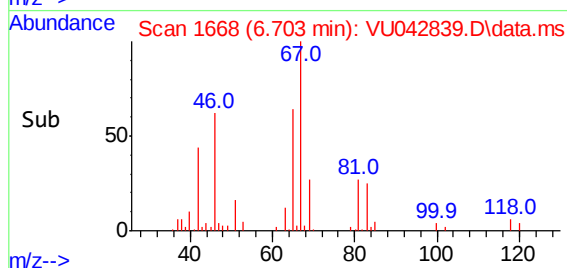
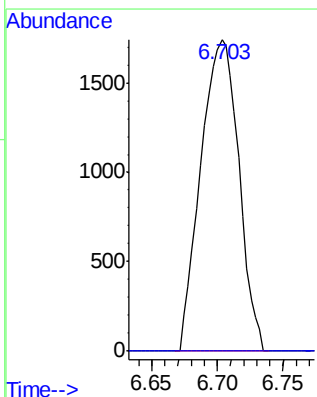
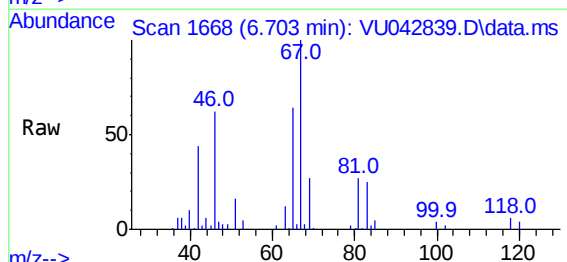
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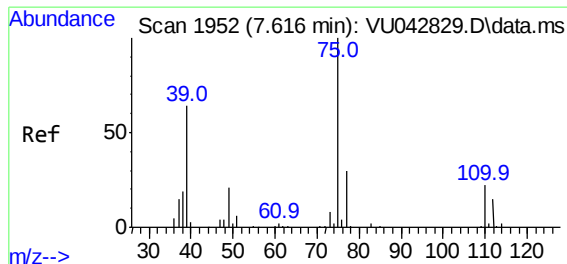
Tgt Ion: 83 Resp: 6696
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 7.9 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.100 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 63 Resp: 3502
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

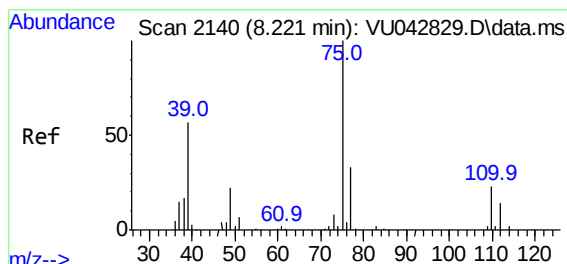
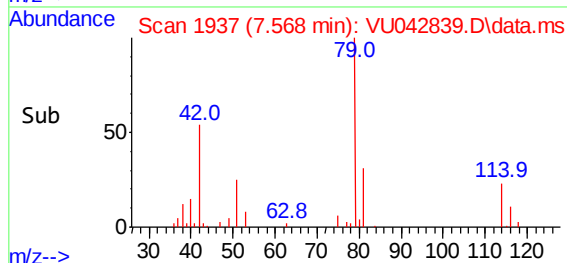
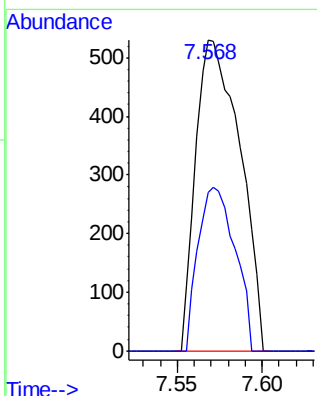
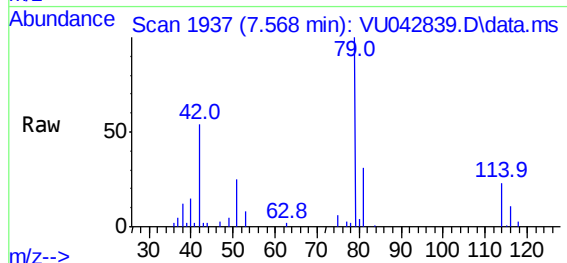




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.048 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

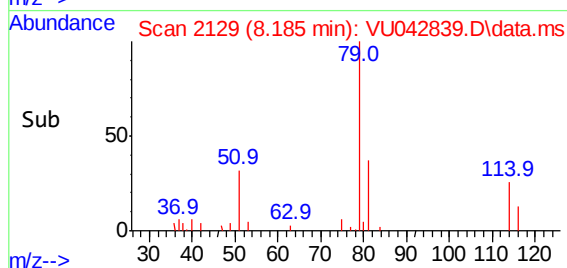
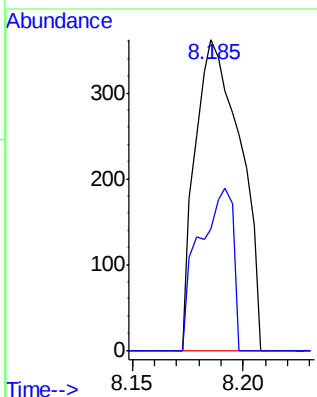
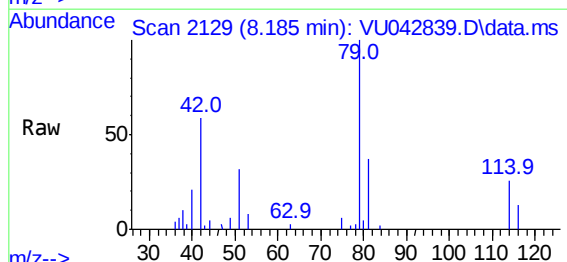
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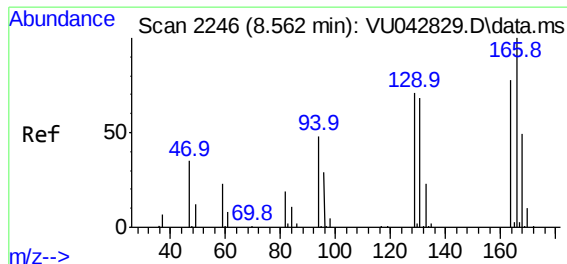
Tgt Ion: 75 Resp: 961
Ion Ratio Lower Upper
75 100
77 50.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 75 Resp: 510
Ion Ratio Lower Upper
75 100
77 39.0 21.8 40.4



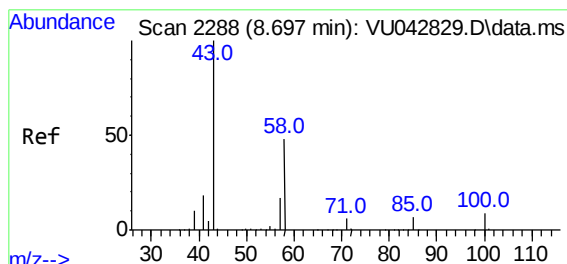
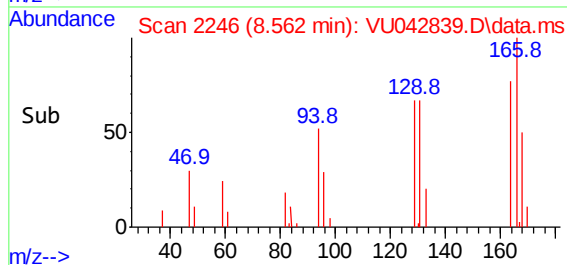
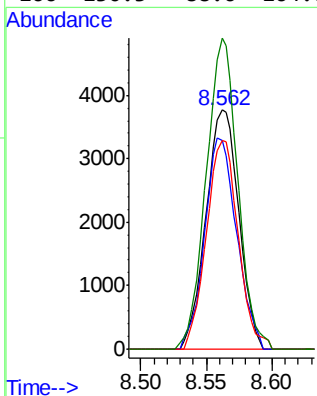
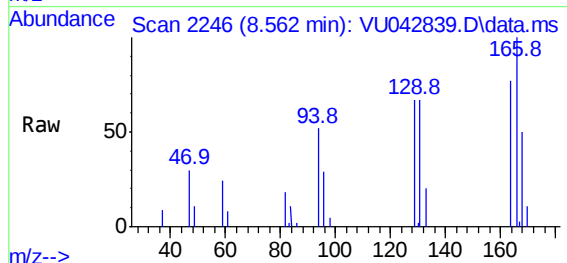


#47
Tetrachloroethene
Concen: 1.15 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Instrument :
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Tgt Ion:164 Resp: 6552

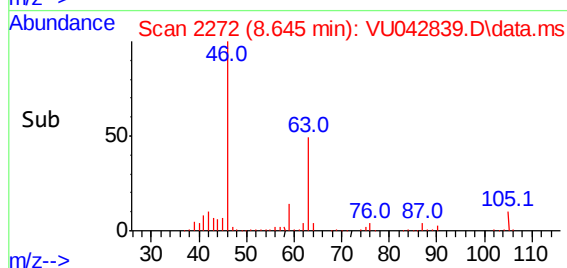
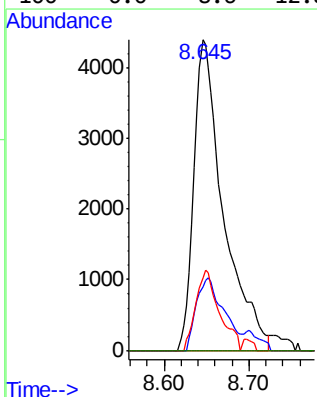
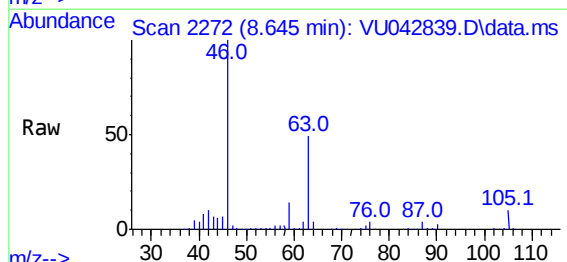
Ion	Ratio	Lower	Upper
164	100		
129	87.3	64.3	119.5
131	87.1	62.2	115.6
166	130.3	88.6	164.6

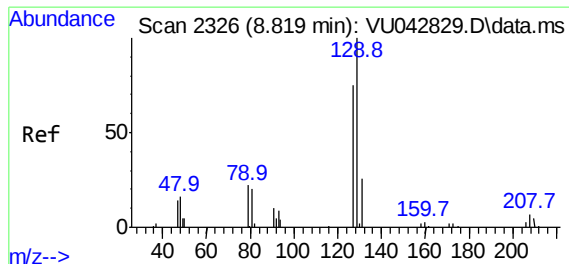


#48
2-Hexanone
Concen: 2.41 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 43 Resp: 10551

Ion	Ratio	Lower	Upper
43	100		
58	21.7	40.6	61.0#
57	20.5	14.9	22.3
100	0.0	8.6	12.8#

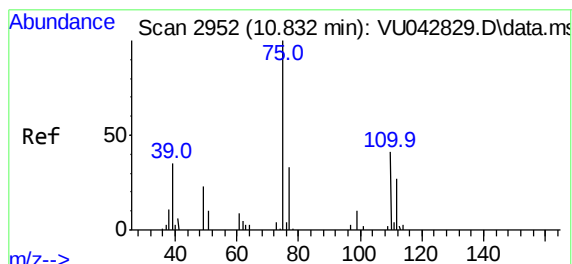
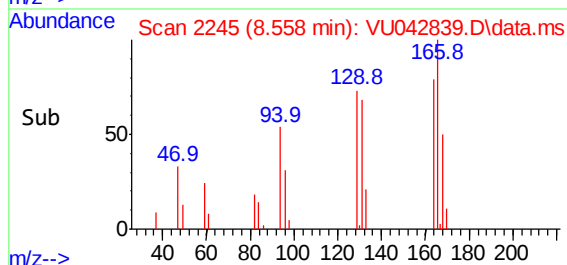
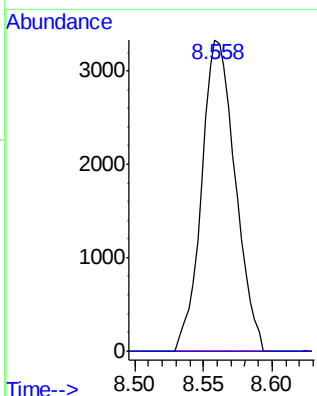
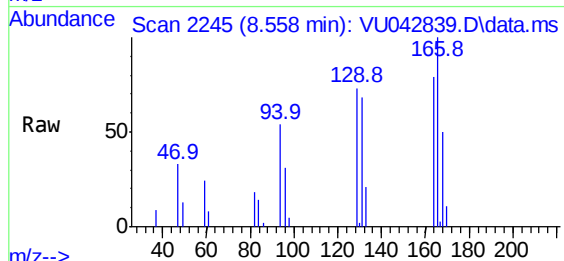




#49
Dibromochloromethane
Concen: 0.90 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Instrument :
MSVOA_U
ClientSampleId :
YAR15DL

Tgt Ion:129 Resp: 5646
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.97 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042839.D
Acq: 30 Mar 2021 15:18

Tgt Ion: 75 Resp: 4976
Ion Ratio Lower Upper
75 100
77 38.8 26.0 39.0

