

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042836.D
 Acq On : 30 Mar 2021 13:38
 Operator : SY/MD
 Sample : M1846-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR12

Quant Time: Mar 31 02:10:13 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)

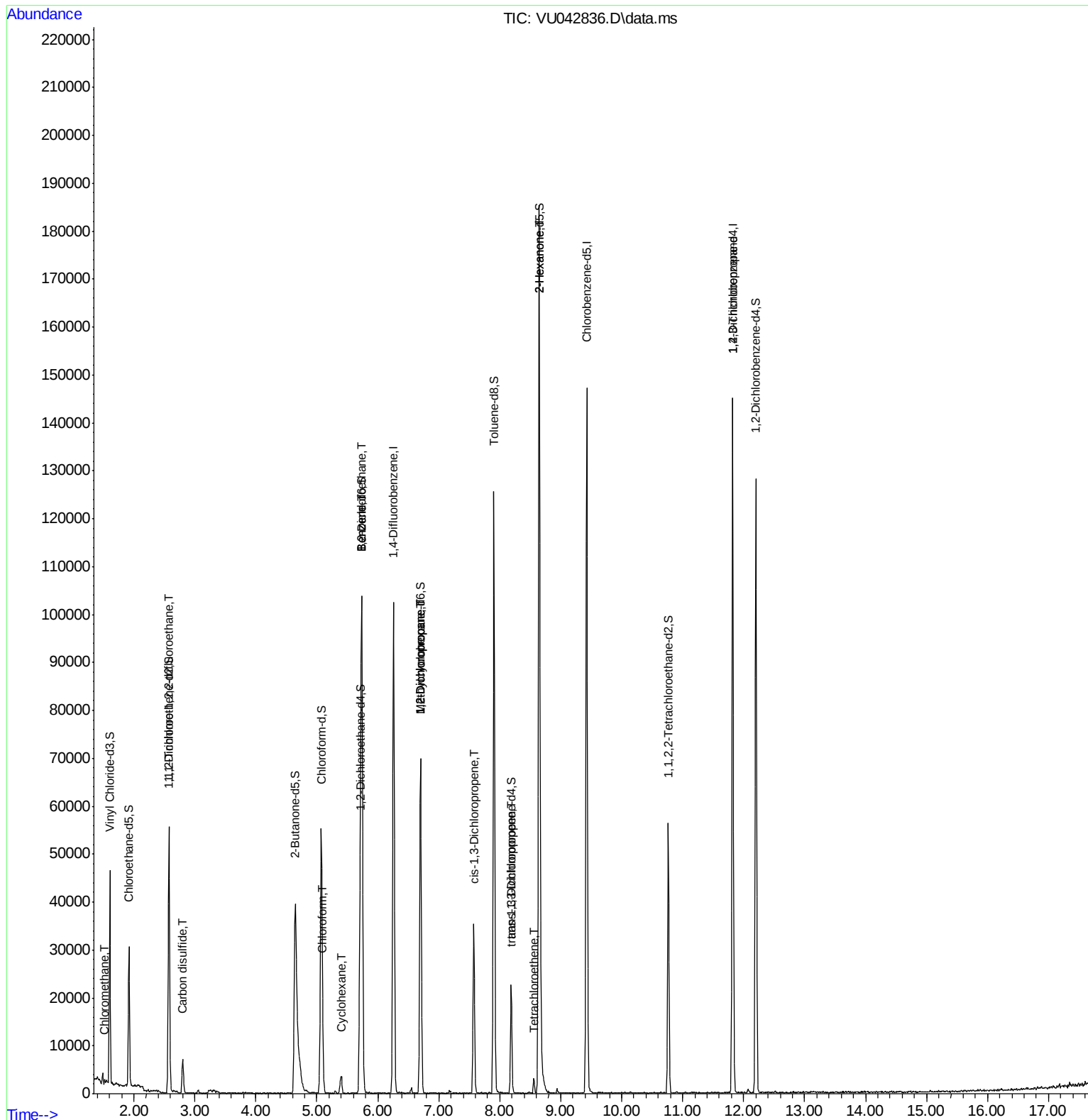
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	77215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	77230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35782	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20876	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.919	69	19362	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	63	34054	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.646	46	91275	54.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.02%
24) Chloroform-d	5.073	84	48296	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.710	65	30700	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.736	84	84551	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	29440	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.906	98	76169	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	8.186	79	11280	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.645	63	62869	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	24992	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	31764	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	544	0.08	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	280	0.05	ug/L #	18
14) Carbon disulfide	2.800	76	9362	0.54	ug/L	96
25) Chloroform	5.096	83	1865	0.16	ug/L	90
27) 1,2-Dichloroethane	5.736	62	539	0.06	ug/L #	75
30) Cyclohexane	5.401	56	1681	0.16	ug/L #	48
33) Benzene	5.736	78	739	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	6737	0.66	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	3745	0.57	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	956	0.10	ug/L	83
44) trans-1,3-Dichloropropene	8.192	75	613	0.07	ug/L #	73
47) Tetrachloroethene	8.559	164	690	0.13	ug/L #	79
48) 2-Hexanone	8.645	43	10092	2.40	ug/L #	68
59) 1,2,3-Trichloropropane	11.819	75	4513	0.92	ug/L #	86

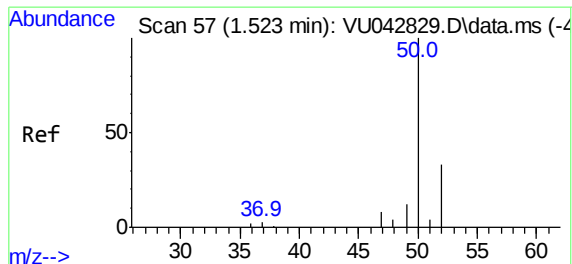
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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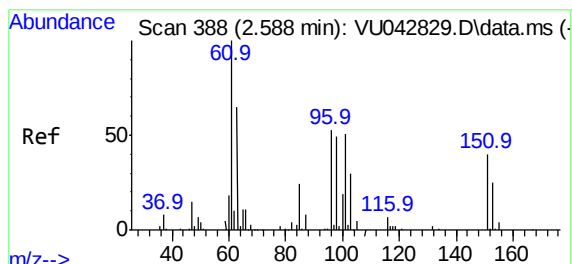
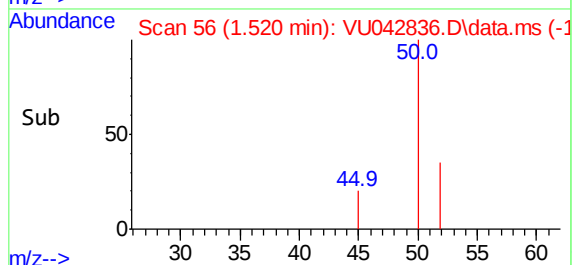
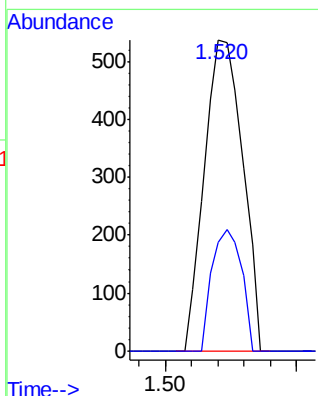
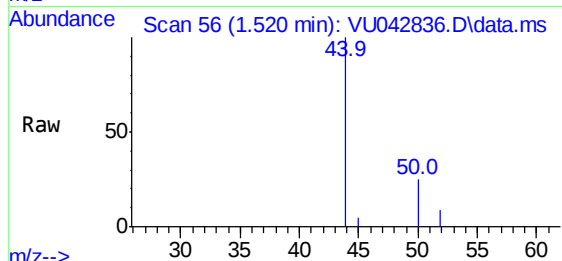




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

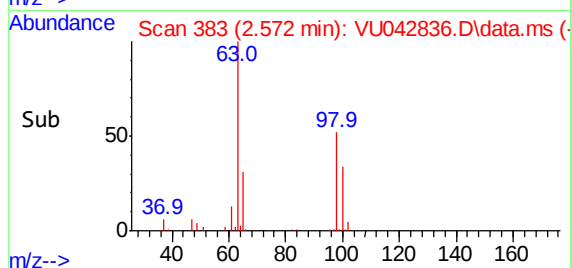
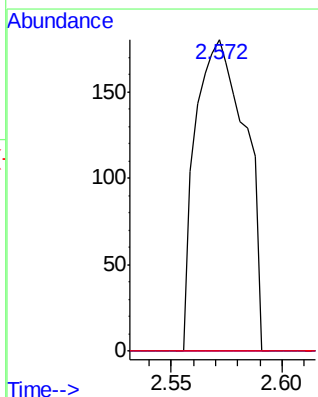
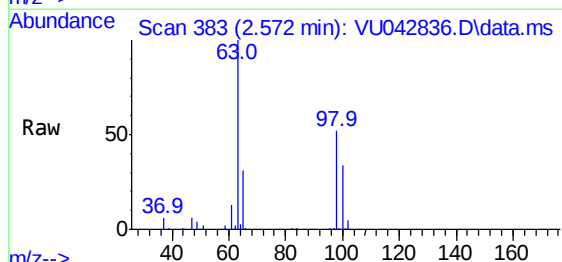
Instrument :
MSVOA_U
ClientSampleId :
YAR12

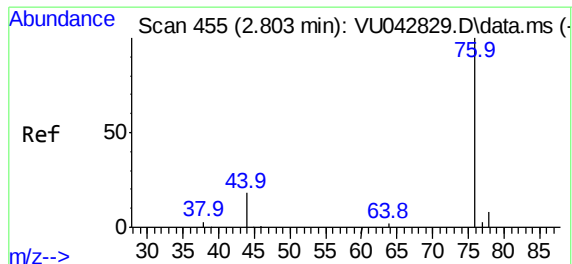
Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 34.8 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 101 Resp: 280
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

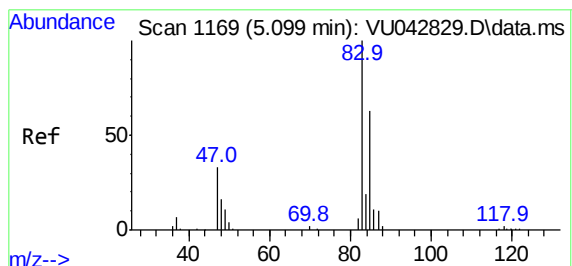
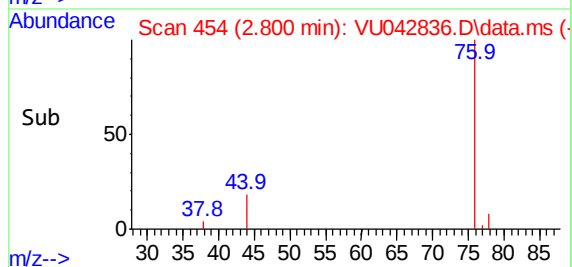
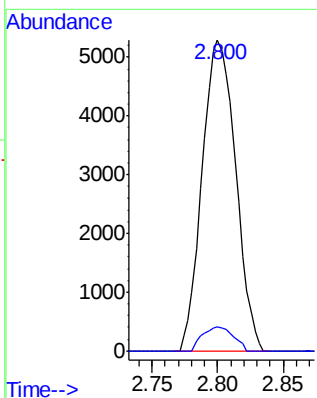
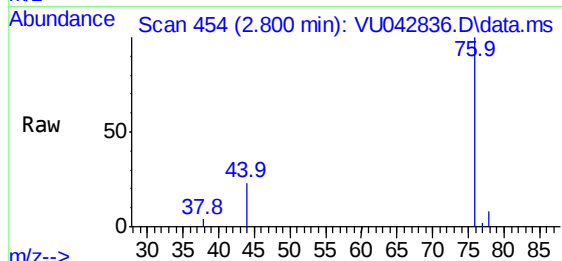




#14
Carbon disulfide
Concen: 0.54 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

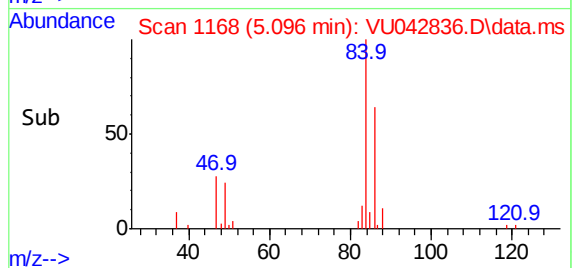
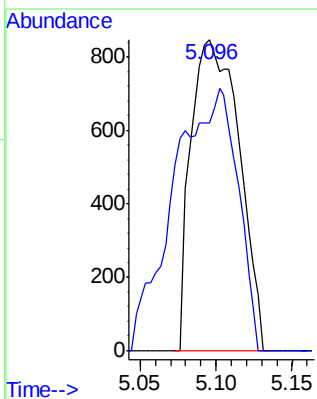
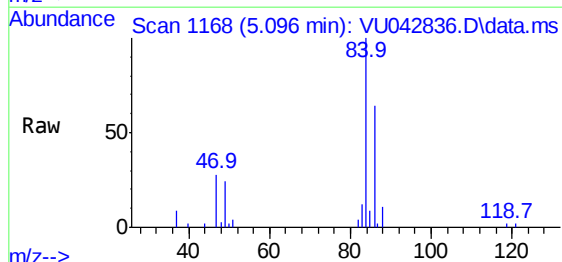
Instrument :
MSVOA_U
ClientSampleId :
YAR12

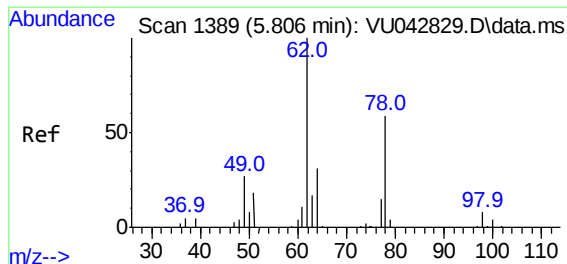
Tgt Ion: 76 Resp: 9362
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#25
Chloroform
Concen: 0.16 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 83 Resp: 1865
Ion Ratio Lower Upper
83 100
85 73.3 45.7 84.9

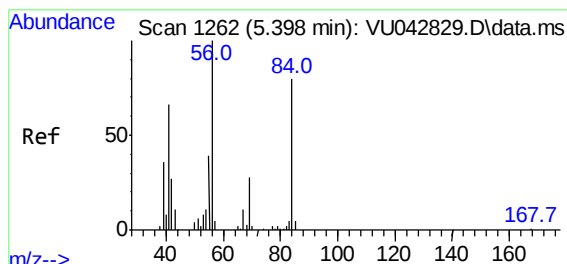
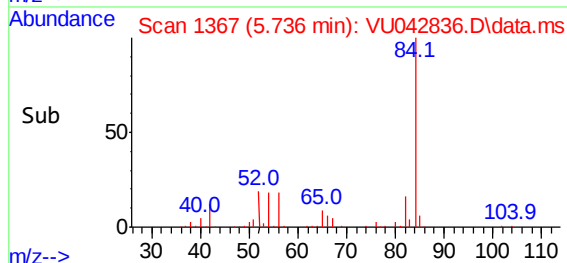
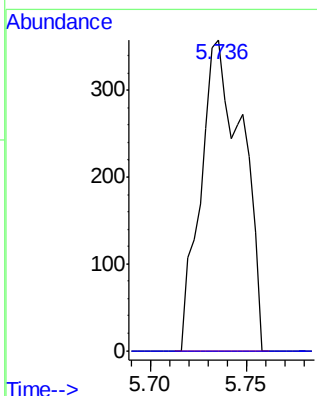
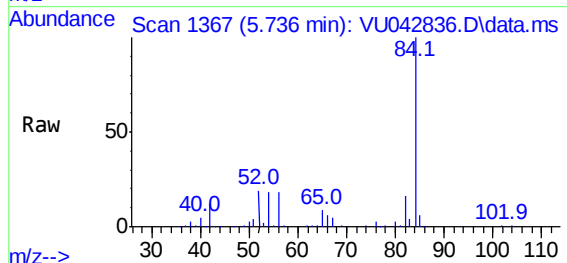




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

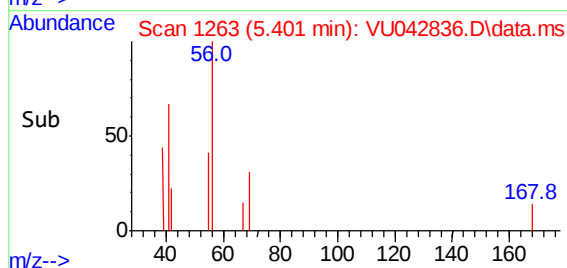
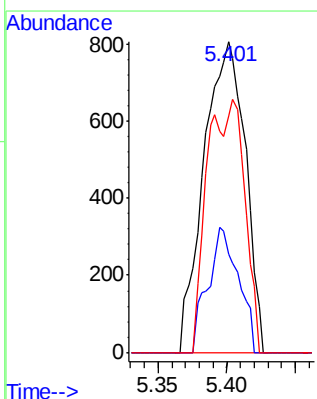
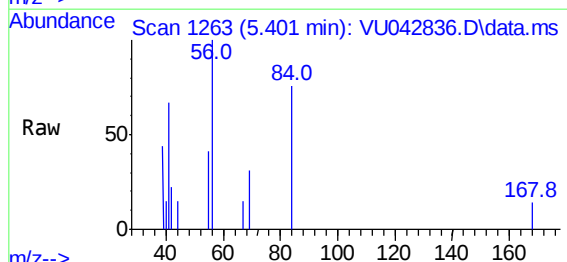
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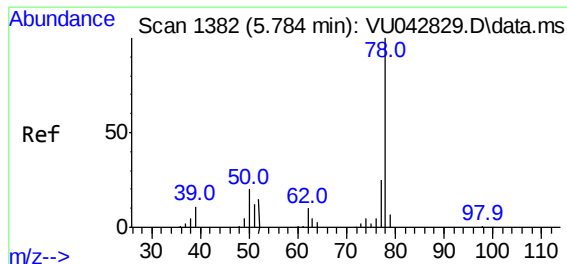
Tgt Ion: 62 Resp: 539
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#30
Cyclohexane
Concen: 0.16 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 56 Resp: 1681
Ion Ratio Lower Upper
56 100
69 0.0 23.7 35.5#
84 36.3 65.3 97.9#

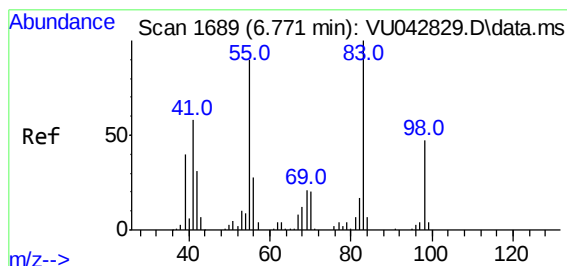
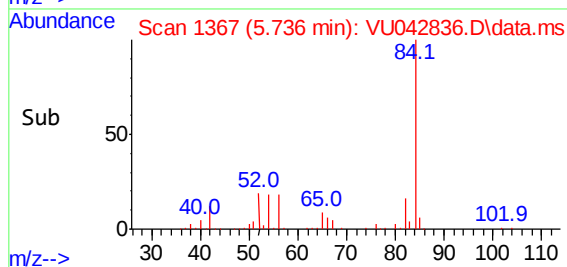
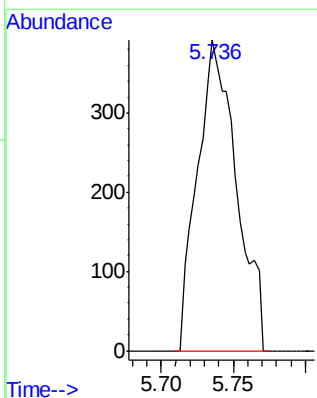
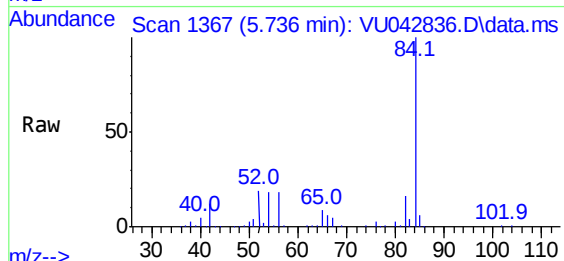




#33
Benzene
Concen: 0.03 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Instrument :
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ClientSampleId :
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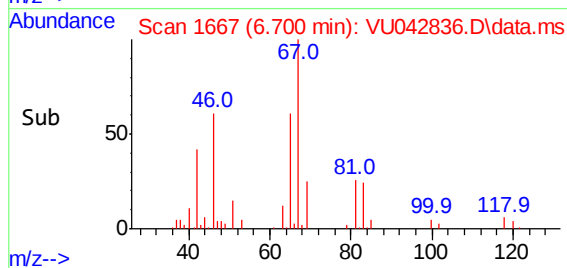
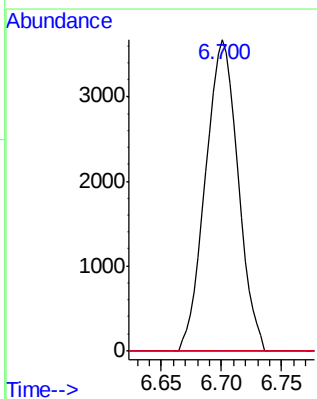
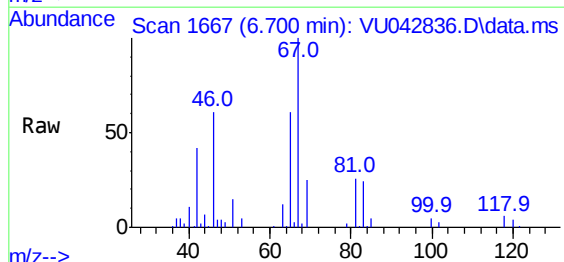
Tgt Ion: 78 Resp: 739

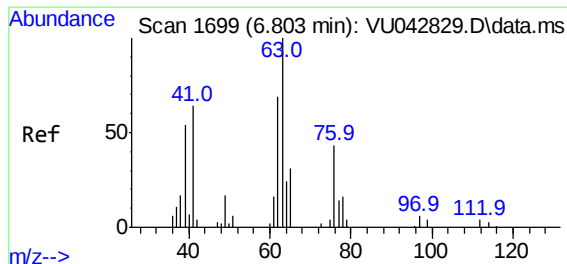


#35
Methylcyclohexane
Concen: 0.66 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 83 Resp: 6737

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.3	39.7	59.5#

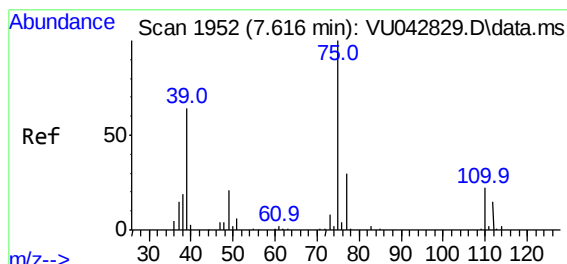
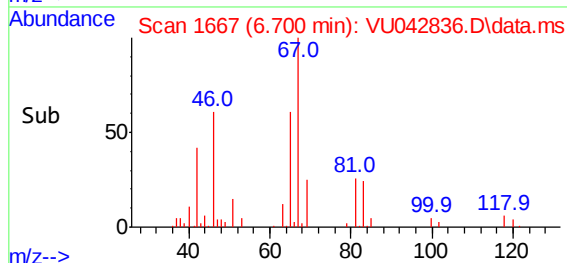
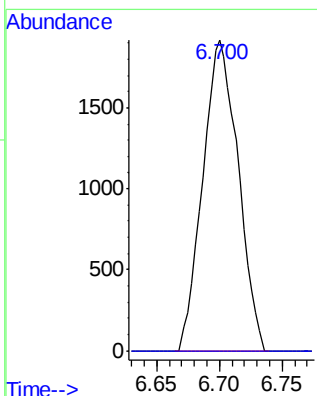
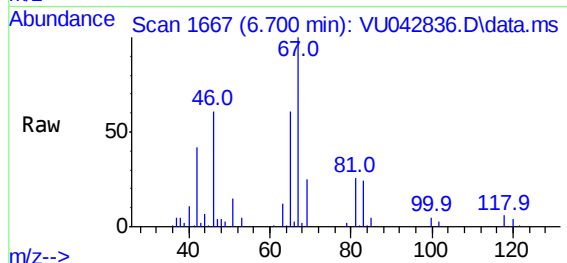




#37
1,2-Dichloropropane
Concen: 0.57 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

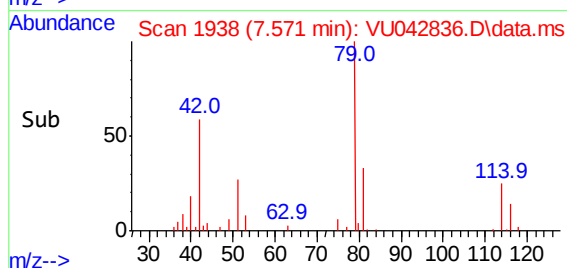
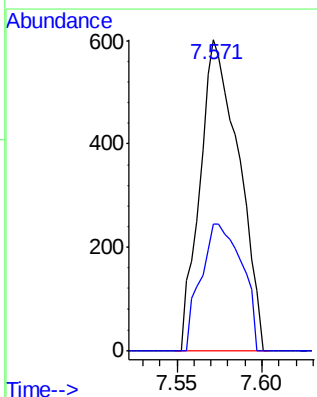
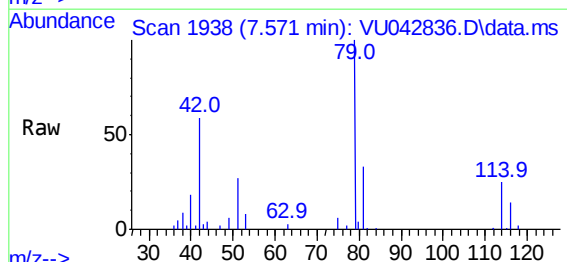
Instrument :
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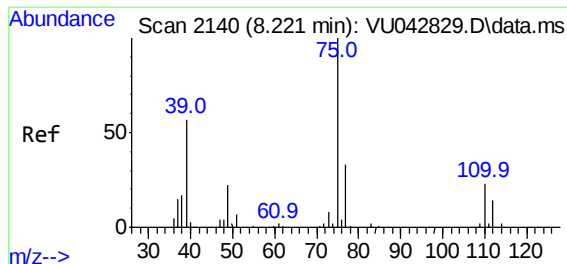
Tgt Ion: 63 Resp: 3745
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 75 Resp: 956
Ion Ratio Lower Upper
75 100
77 40.5 22.0 40.8



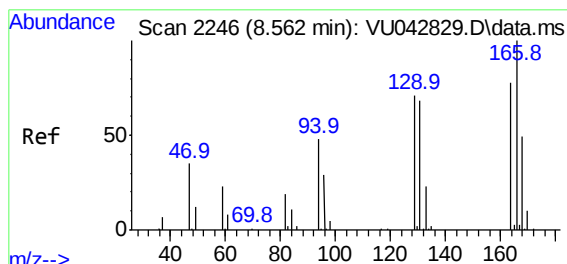
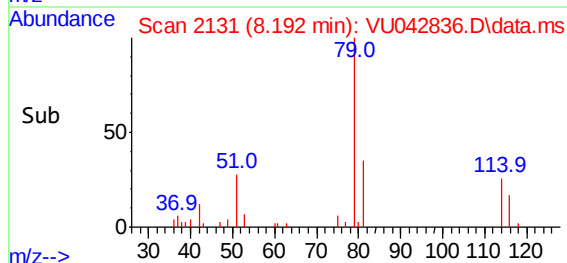
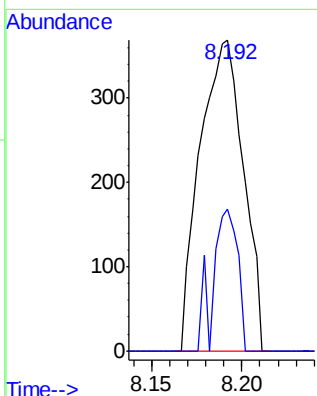
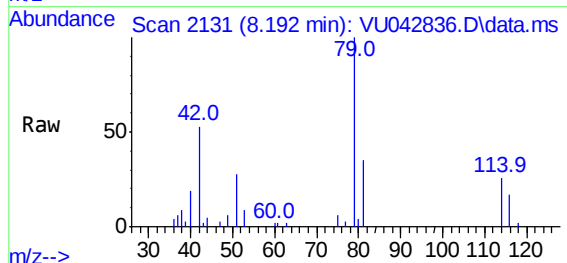


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042836.D
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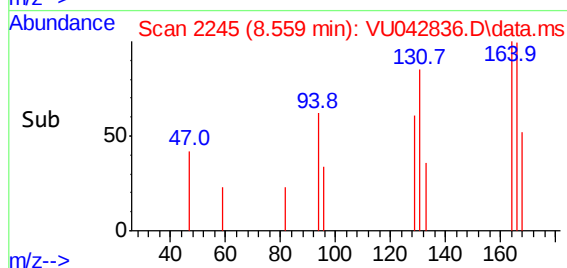
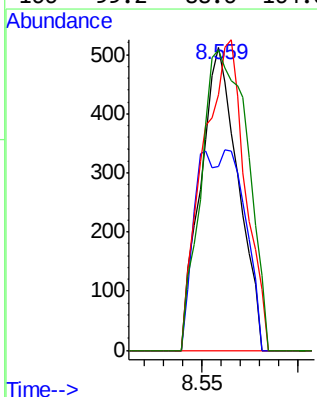
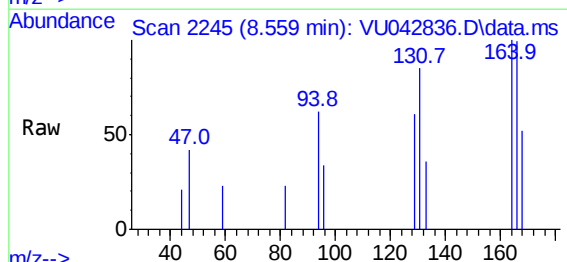
Tgt Ion: 75 Resp: 613
Ion Ratio Lower Upper
75 100
77 45.8 21.8 40.4#

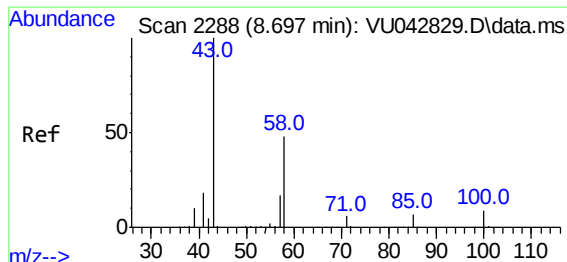


#47

Tetrachloroethene
Concen: 0.13 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 164 Resp: 690
Ion Ratio Lower Upper
164 100
129 60.5 64.3 119.5#
131 84.6 62.2 115.6
166 99.2 88.6 164.6

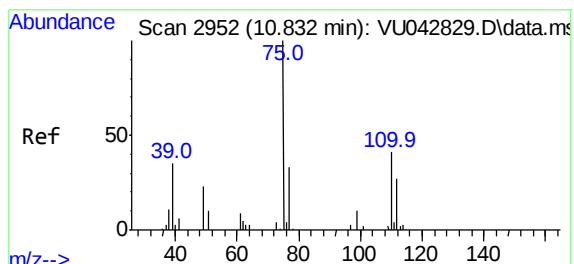
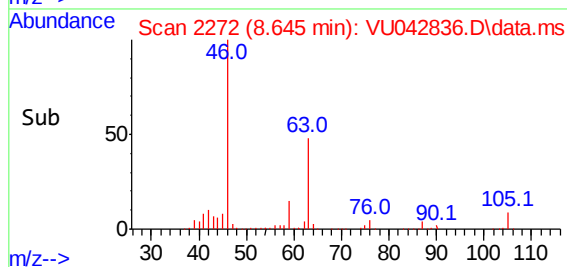
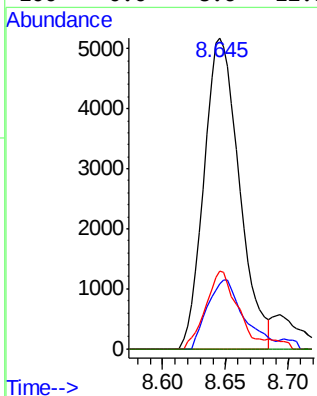
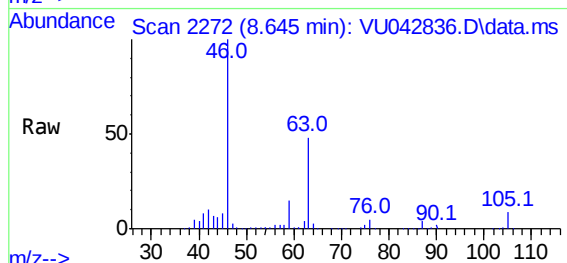




#48
2-Hexanone
Concen: 2.40 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

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Tgt Ion: 43 Resp: 10092
Ion Ratio Lower Upper
43 100
58 22.9 40.6 61.0#
57 24.2 14.9 22.3#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.92 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042836.D
Acq: 30 Mar 2021 13:38

Tgt Ion: 75 Resp: 4513
Ion Ratio Lower Upper
75 100
77 40.1 26.0 39.0#

