

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042833.D
 Acq On : 30 Mar 2021 12:26
 Operator : SY/MD
 Sample : M1846-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR19

Quant Time: Mar 31 02:09:12 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)

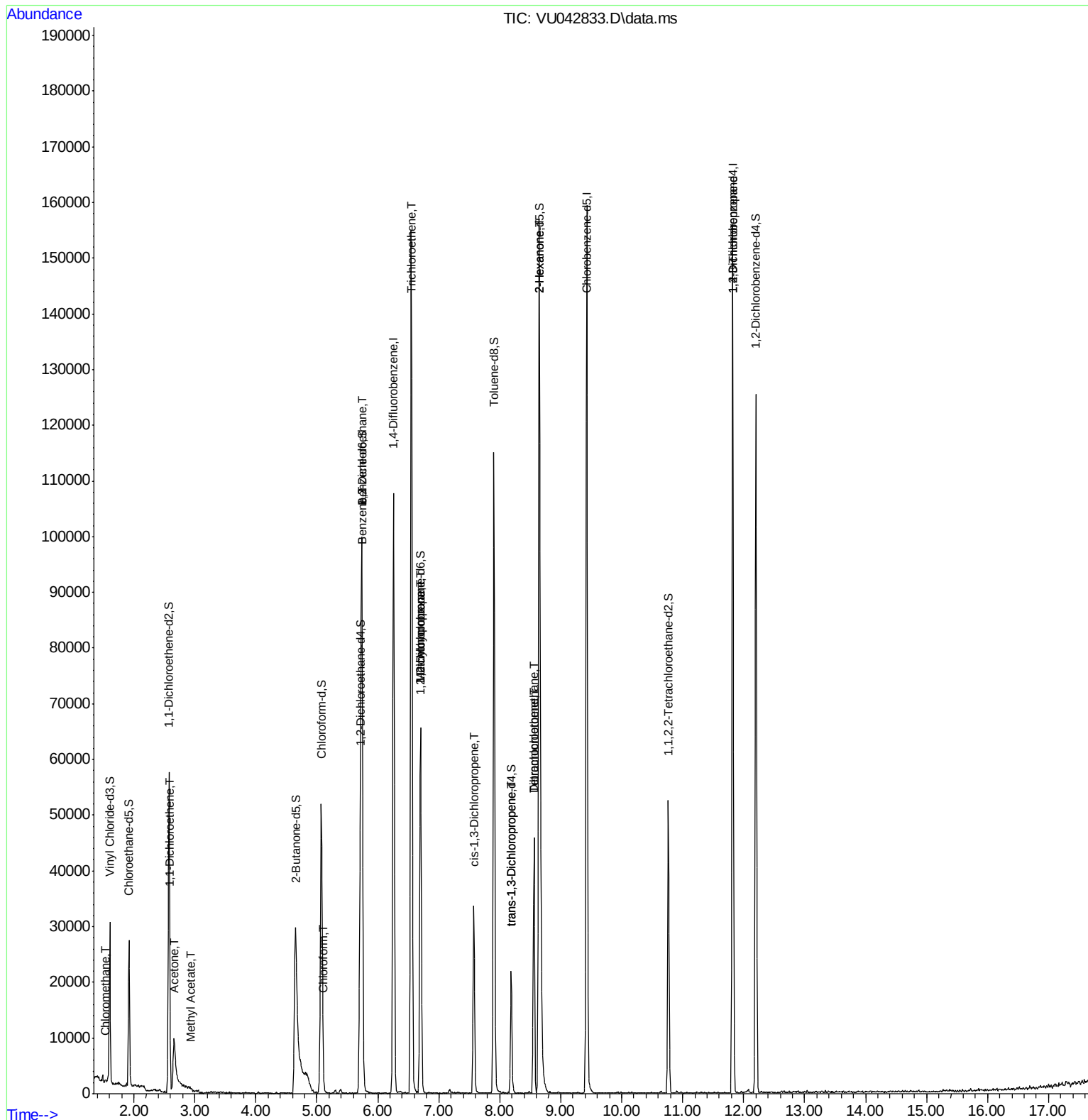
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	82617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	39297	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19456	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.919	69	17792	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.575	63	34927	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.652	46	65969	37.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.74%
24) Chloroform-d	5.073	84	46175	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.713	65	29177	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.739	84	81595	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.700	67	27536	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.906	98	74282	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloroprop...	8.189	79	11480	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.645	63	62687	42.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	24625	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	31147	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	349	0.05	ug/L	88
12) 1,1-Dichloroethene	2.588	96	1090	0.19	ug/L #	1
13) Acetone	2.658	43	21022	15.45	ug/L	93
15) Methyl Acetate	2.925	43	993	0.29	ug/L #	55
25) Chloroform	5.102	83	1250	0.10	ug/L	96
27) 1,2-Dichloroethane	5.739	62	580	0.06	ug/L #	75
33) Benzene	5.742	78	613	0.02	ug/L	100
34) Trichloroethene	6.552	95	50298	7.02	ug/L	99
35) Methylcyclohexane	6.700	83	6406	0.59	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	3399	0.49	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	832	0.08	ug/L #	68
44) trans-1,3-Dichloropropene	8.189	75	528	0.06	ug/L #	32
47) Tetrachloroethene	8.562	164	9847	1.69	ug/L	96
48) 2-Hexanone	8.645	43	10369	2.31	ug/L #	67
49) Dibromochloromethane	8.562	129	9137	1.42	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	5035	0.96	ug/L	89

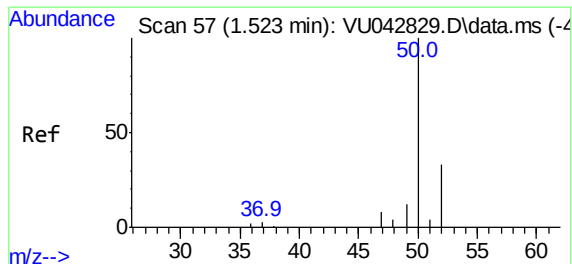
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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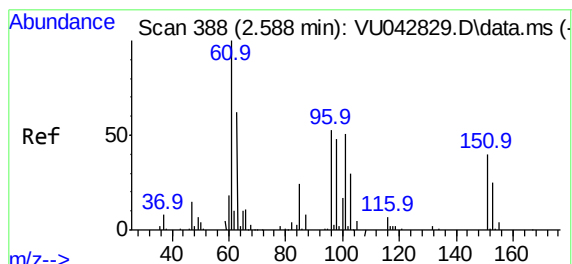
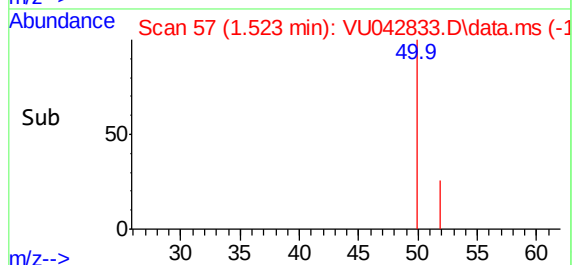
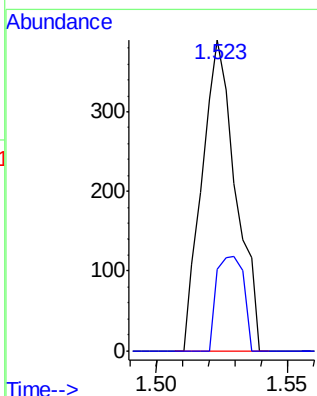
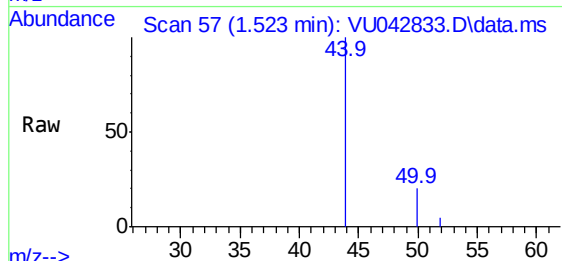




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

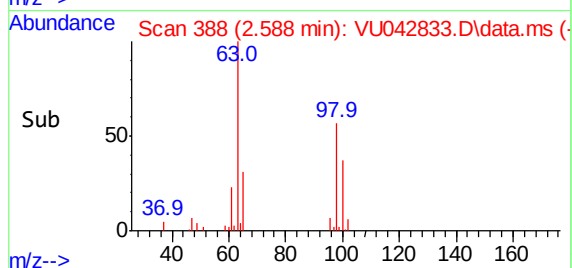
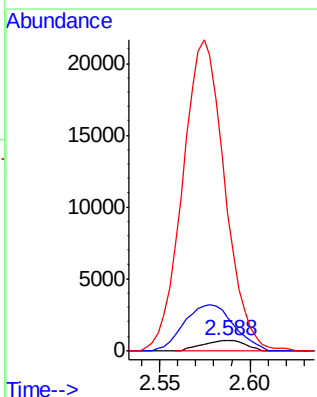
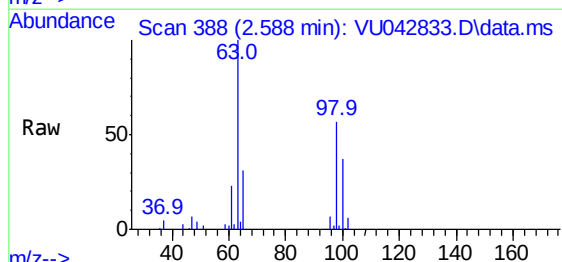
Instrument :
MSVOA_U
ClientSampleId :
YAR19

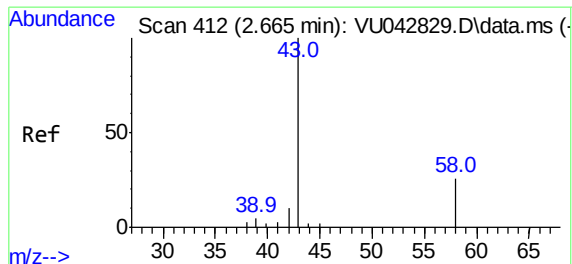
Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 26.2 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.19 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 96 Resp: 1090
Ion Ratio Lower Upper
96 100
61 332.6 126.2 234.4#
63 1417.1 77.8 144.4#

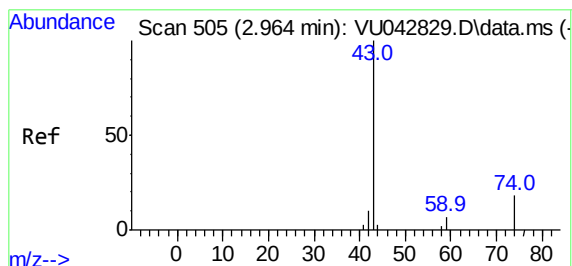
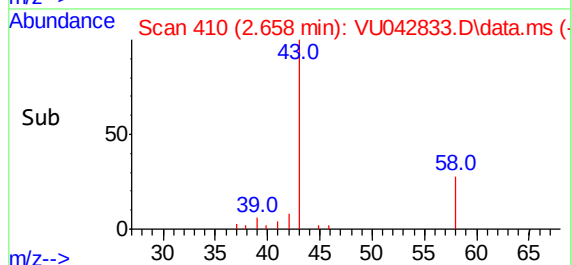
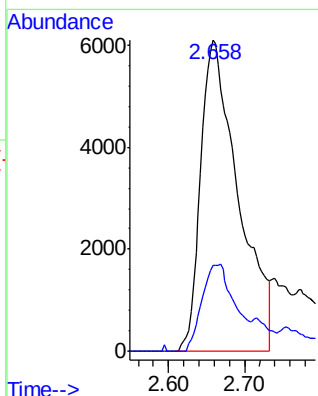
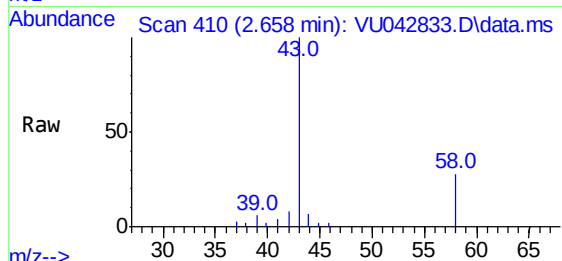




#13
Acetone
Concen: 15.45 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.007 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

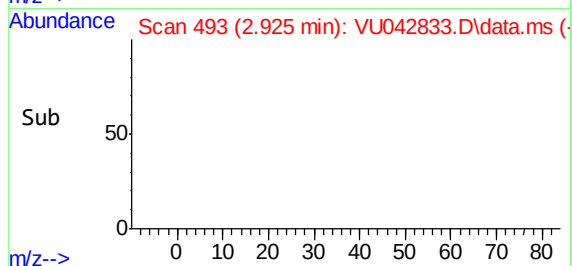
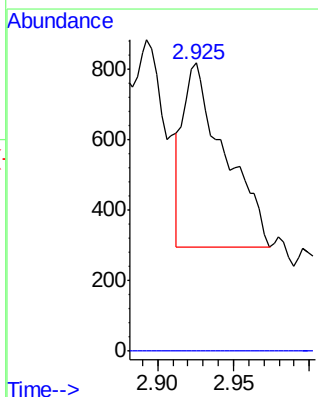
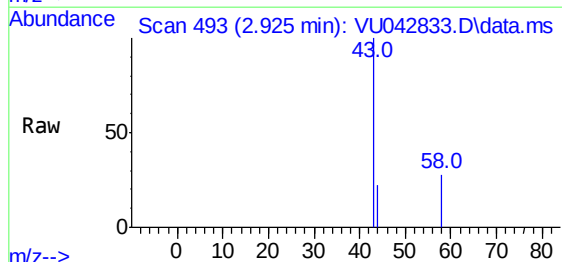
Instrument :
MSVOA_U
ClientSampleId :
YAR19

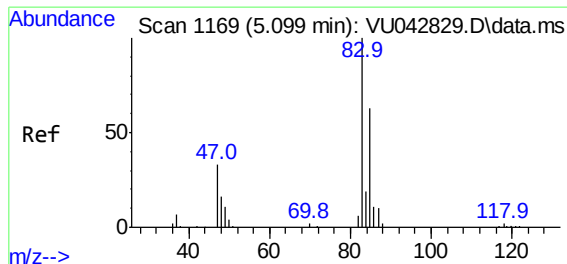
Tgt Ion: 43 Resp: 21022
Ion Ratio Lower Upper
43 100
58 24.1 0.0 55.8



#15
Methyl Acetate
Concen: 0.29 ug/L
RT: 2.925 min Scan# 493
Delta R.T. -0.039 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

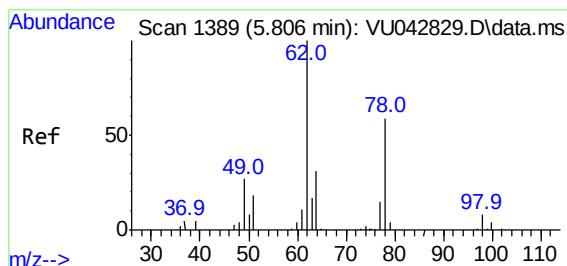
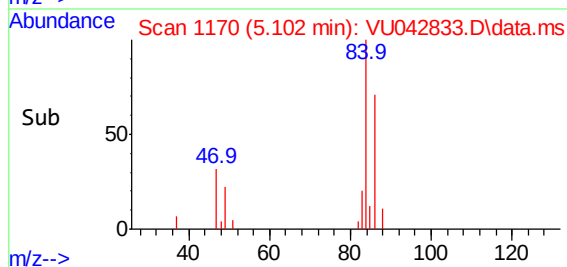
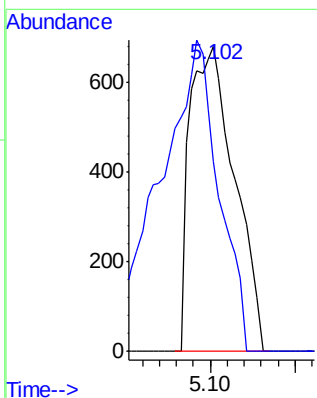
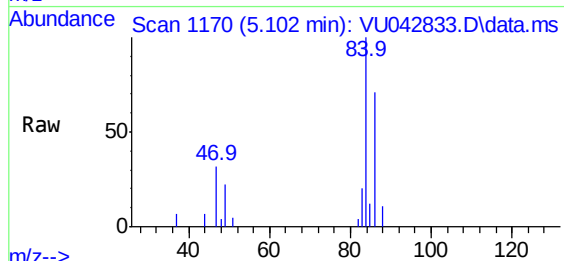




#25
Chloroform
Concen: 0.10 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

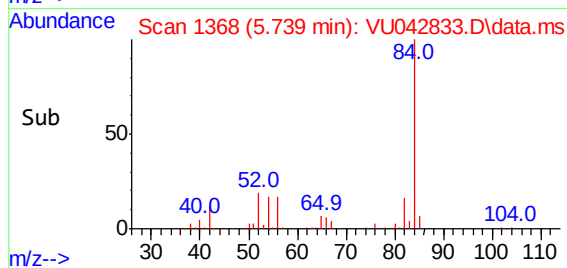
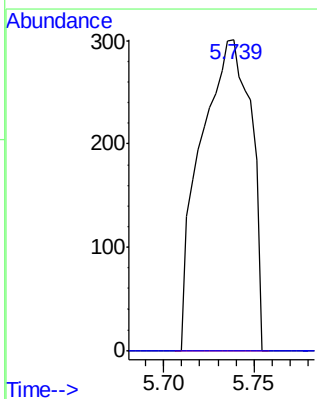
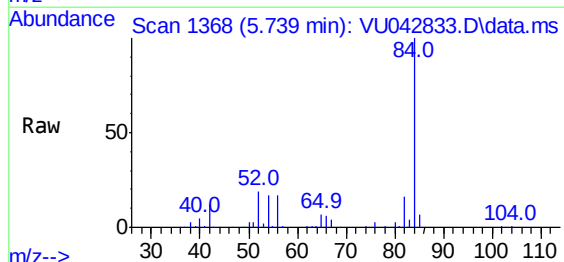
Instrument :
MSVOA_U
ClientSampled :
YAR19

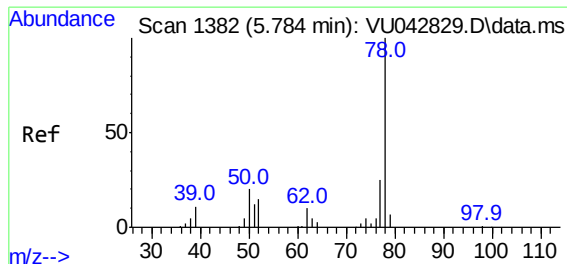
Tgt Ion: 83 Resp: 1250
Ion Ratio Lower Upper
83 100
85 62.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 62 Resp: 580
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

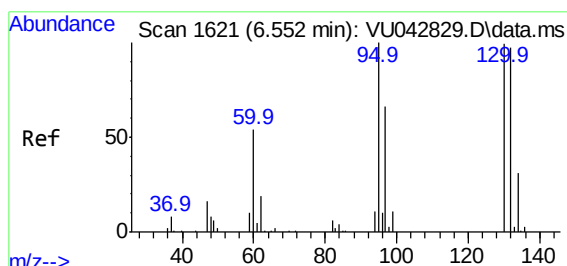
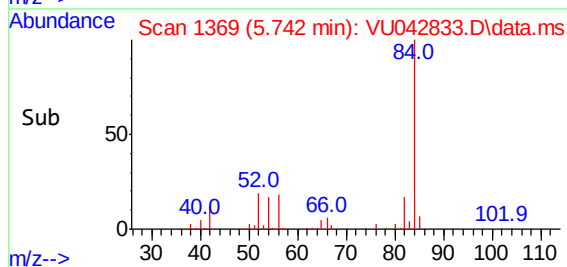
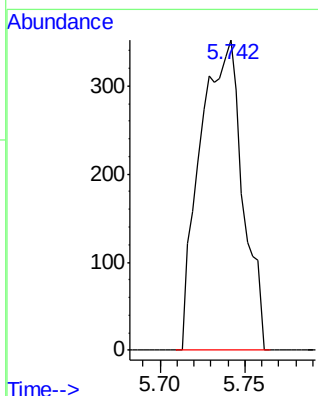
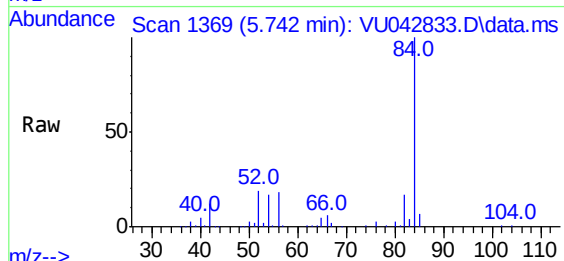




#33
Benzene
Concen: 0.02 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Instrument :
MSVOA_U
ClientSampleId :
YAR19

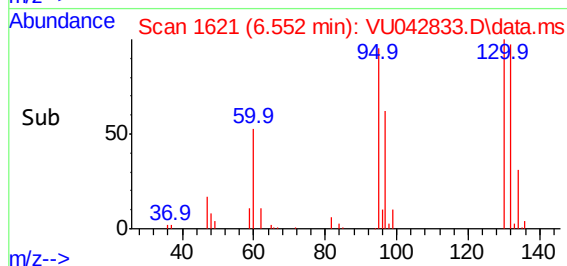
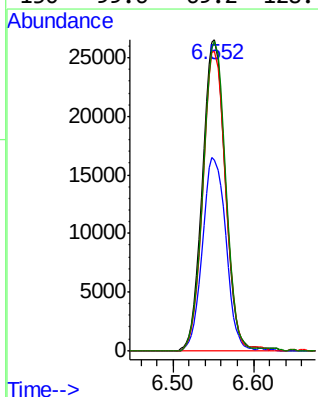
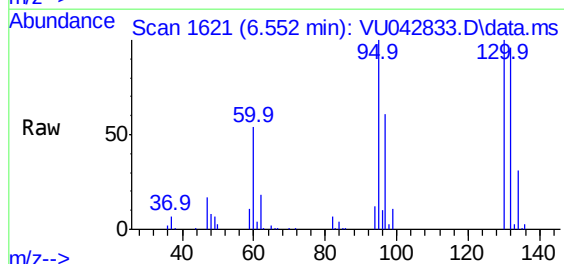
Tgt Ion: 78 Resp: 613

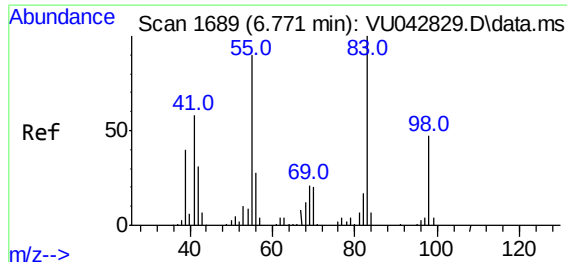


#34
Trichloroethene
Concen: 7.02 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 95 Resp: 50298

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.4	82.4
132	96.1	68.0	126.4
130	99.6	69.2	128.4

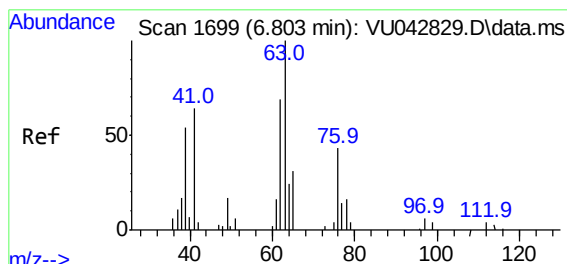
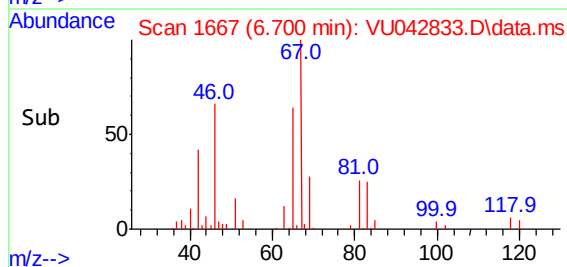
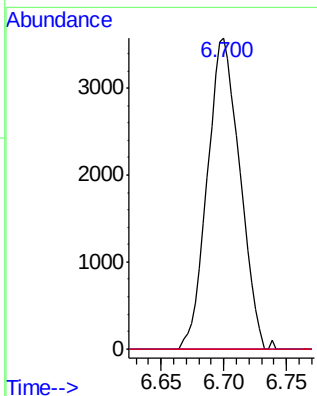
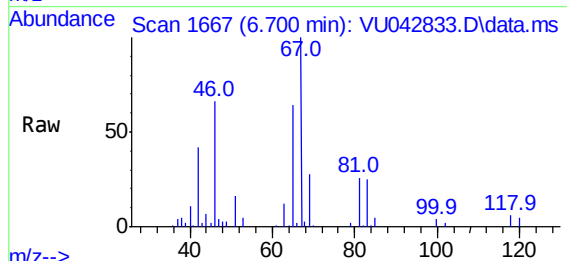




#35
Methylcyclohexane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

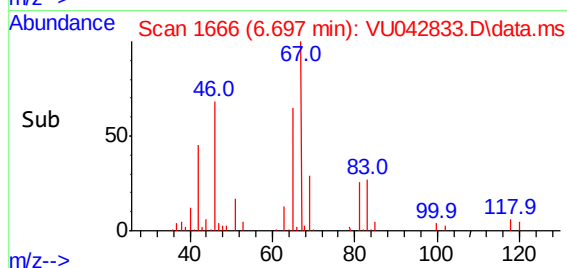
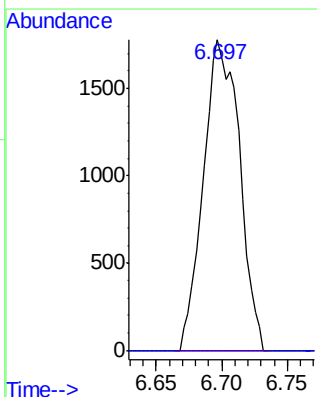
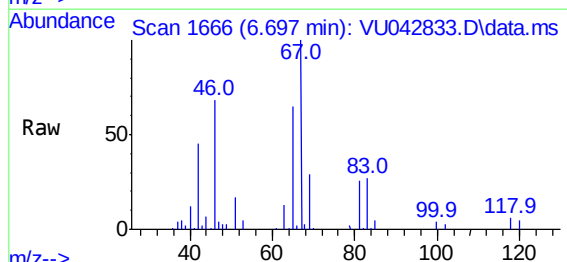
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ClientSampleId :
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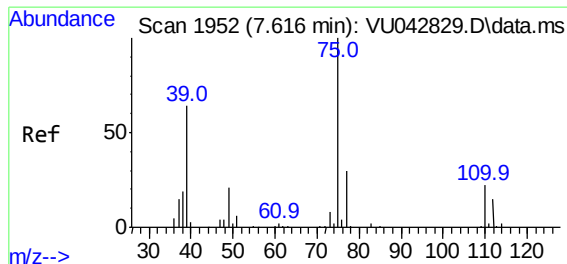
Tgt Ion: 83 Resp: 6406
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.106 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 63 Resp: 3399
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

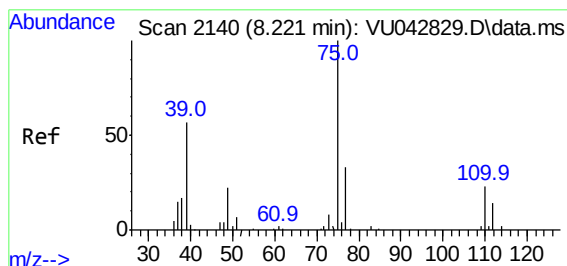
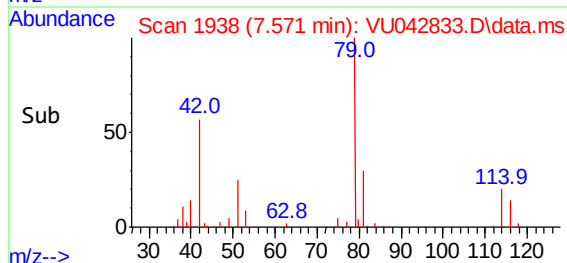
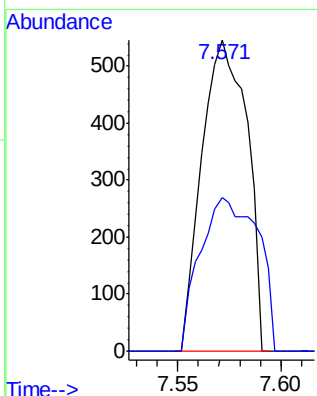
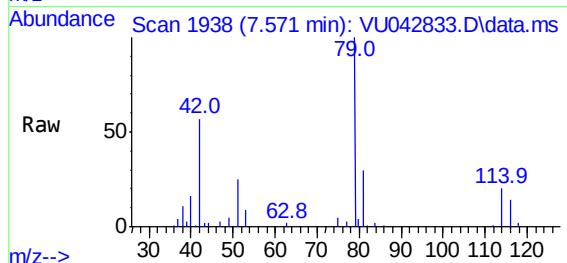




#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

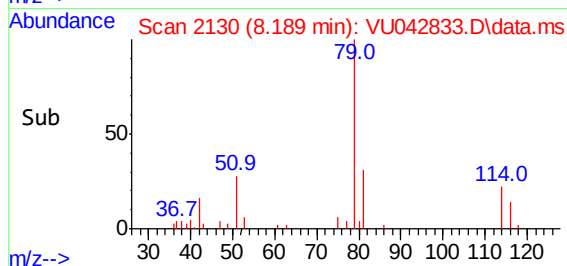
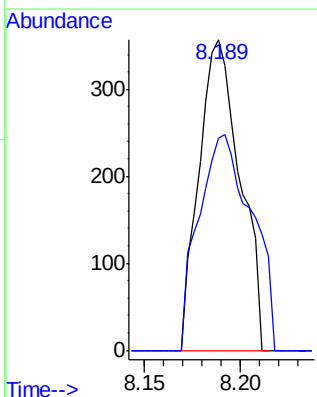
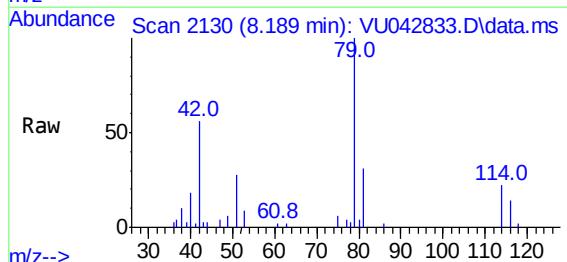
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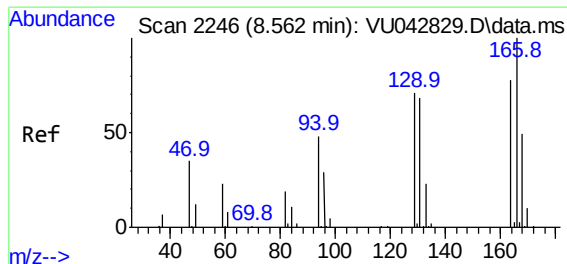
Tgt Ion: 75 Resp: 832
Ion Ratio Lower Upper
75 100
77 49.3 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 75 Resp: 528
Ion Ratio Lower Upper
75 100
77 68.3 21.8 40.4#



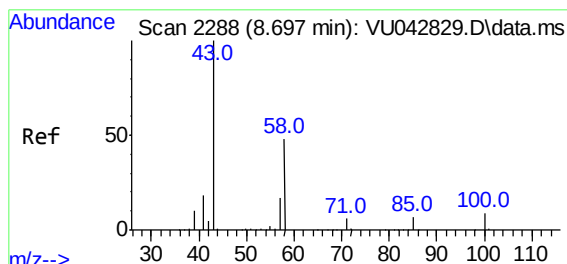
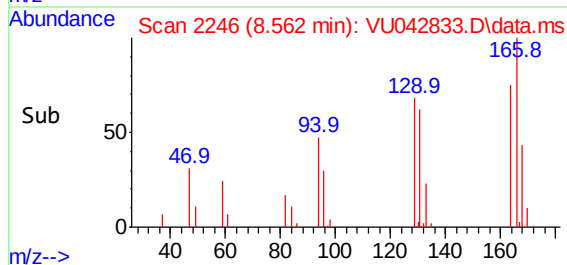
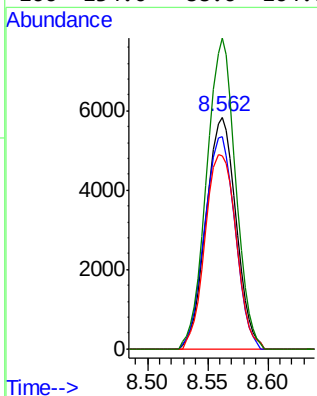
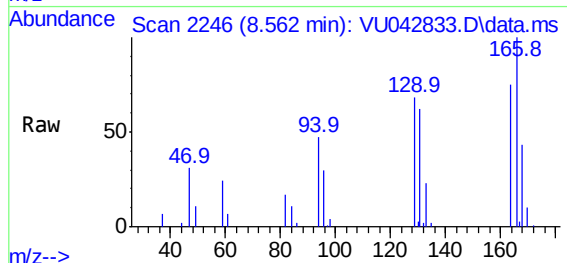


#47
Tetrachloroethene
Concen: 1.69 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Instrument :
MSVOA_U
ClientSampleId :
YAR19

Tgt Ion:164 Resp: 9847

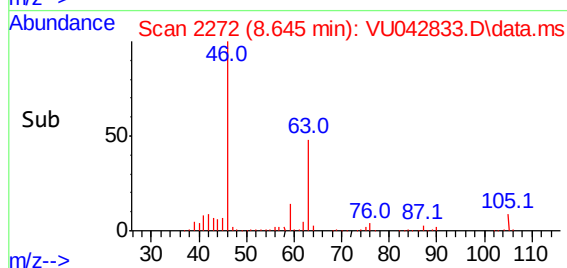
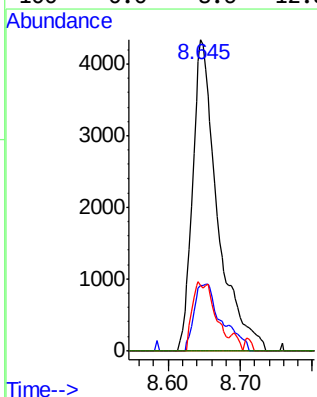
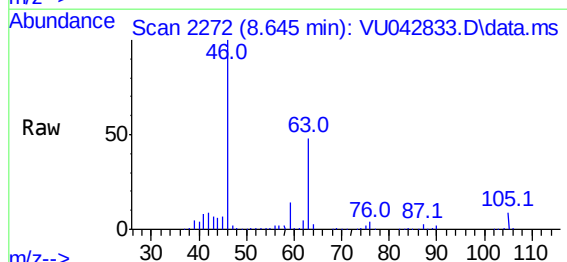
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.3	119.5
131	83.4	62.2	115.6
166	134.0	88.6	164.6

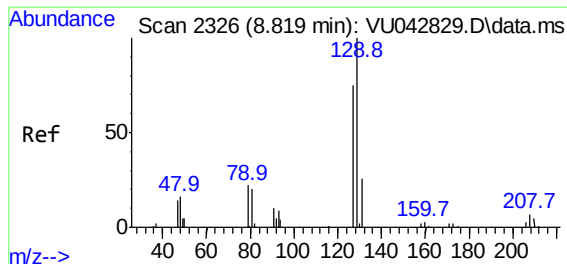


#48
2-Hexanone
Concen: 2.31 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 43 Resp: 10369

Ion	Ratio	Lower	Upper
43	100		
58	23.6	40.6	61.0#
57	9.8	14.9	22.3#
100	0.0	8.6	12.8#

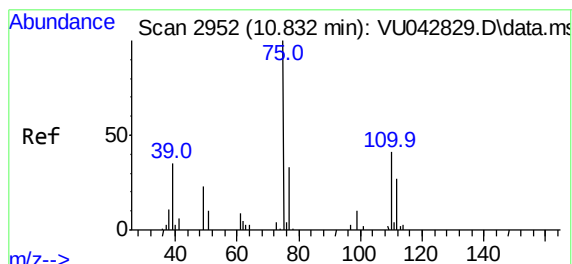
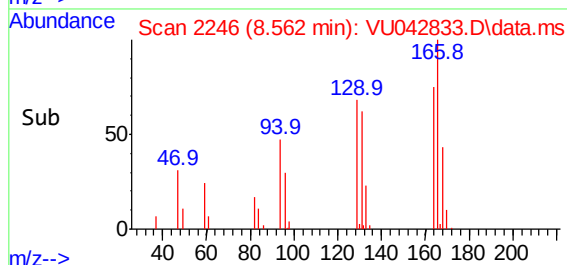
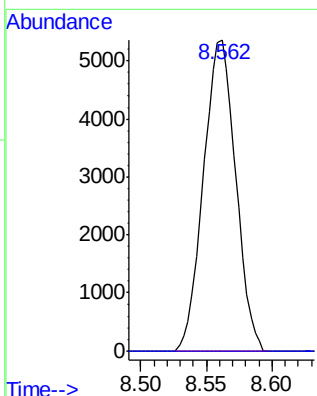
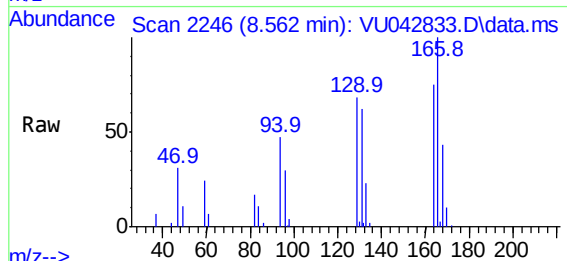




#49
Dibromochloromethane
Concen: 1.42 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Instrument :
MSVOA_U
ClientSampleId :
YAR19

Tgt Ion:129 Resp: 9137
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.96 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042833.D
Acq: 30 Mar 2021 12:26

Tgt Ion: 75 Resp: 5035
Ion Ratio Lower Upper
75 100
77 38.8 26.0 39.0

