

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042166.D
 Acq On : 22 Jan 2021 13:45
 Operator : SY/MD
 Sample : M1222-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E00

Quant Time: Jan 23 06:20:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

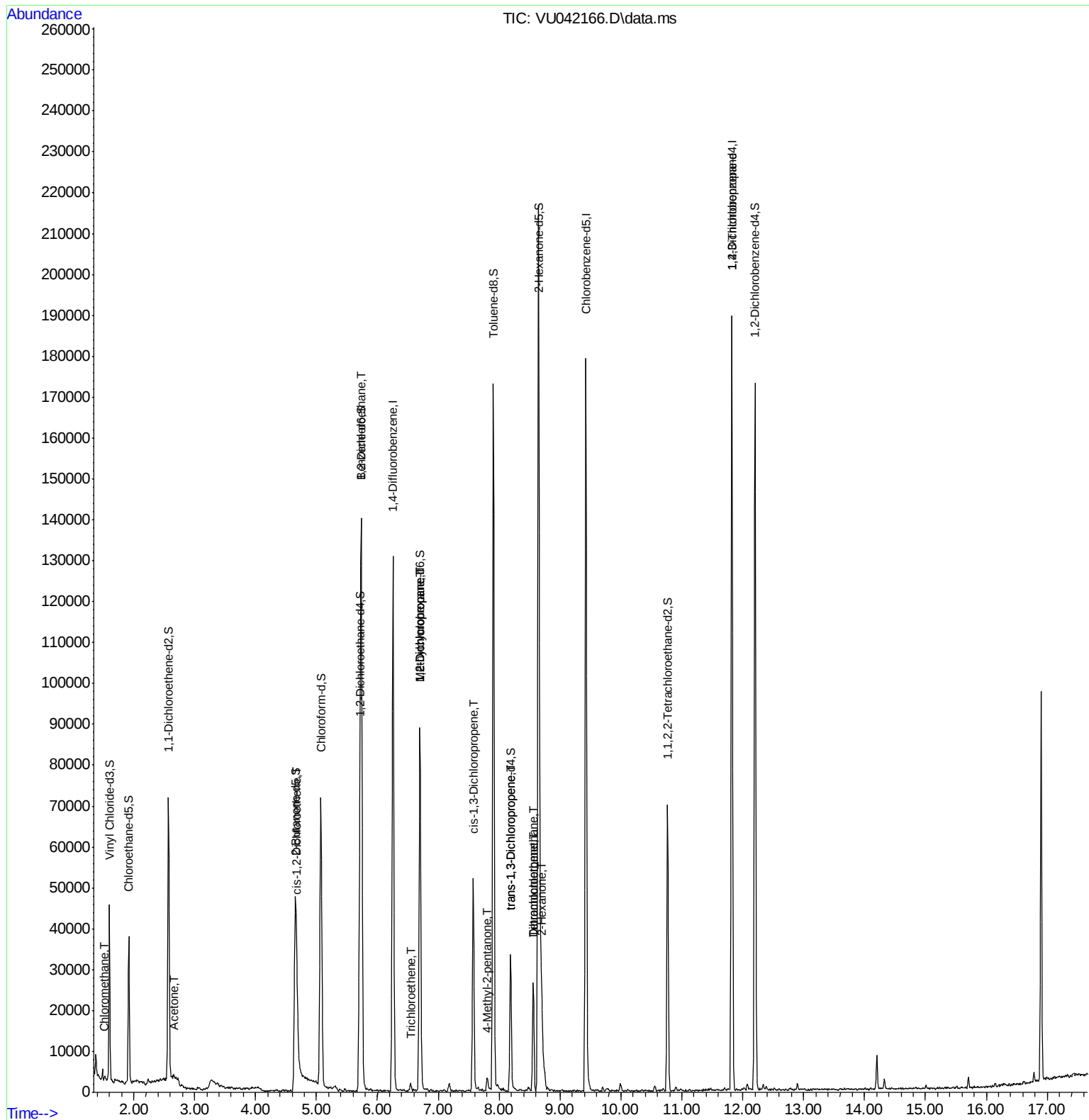
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	95300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	49219	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27008	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.919	69	23537	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.571	63	41721	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.655	46	91508	38.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.60%
24) Chloroform-d	5.073	84	63638	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	38973	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.735	84	118355	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	39158	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	106045	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.189	79	17842	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.645	63	92015	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34026	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	44145	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%
Target Compounds						
3) Chloromethane	1.520	50	658	0.08	ug/L	97
13) Acetone	2.658	43	1634	1.03	ug/L	89
22) cis-1,2-Dichloroethene	4.674	96	5472	0.70	ug/L	91
27) 1,2-Dichloroethane	5.735	62	604	0.06	ug/L #	75
34) Trichloroethene	6.552	95	569	0.08	ug/L	85
35) Methylcyclohexane	6.700	83	9023	0.71	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4624	0.63	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1149	0.09	ug/L #	35
40) 4-Methyl-2-pentanone	7.800	43	3143	0.50	ug/L #	78
44) trans-1,3-Dichloropropene	8.189	75	782	0.07	ug/L #	67
47) Tetrachloroethene	8.562	164	6017	0.96	ug/L	96
48) 2-Hexanone	8.697	43	3271	0.74	ug/L #	85
49) Dibromochloromethane	8.562	129	5732	0.79	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	5827	1.12	ug/L	93

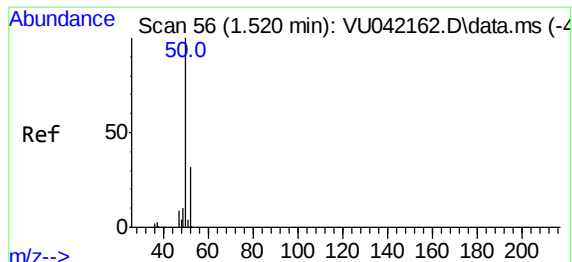
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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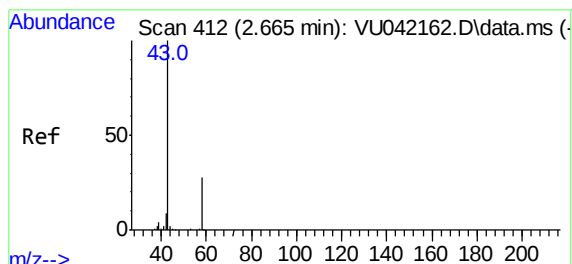
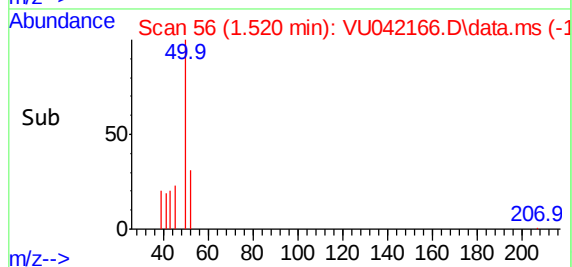
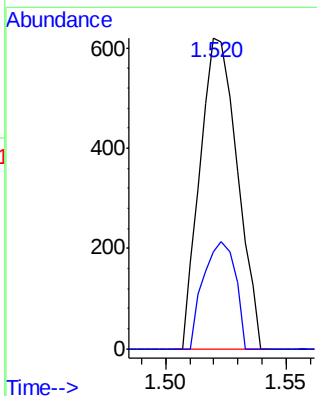
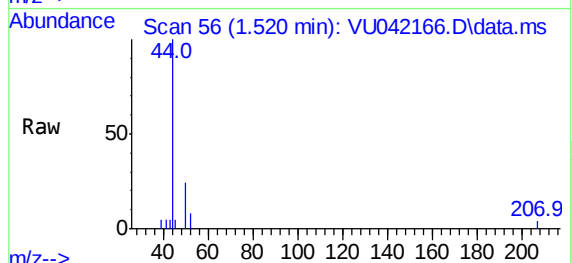




#3
Chloromethane
Concen: 0.08 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

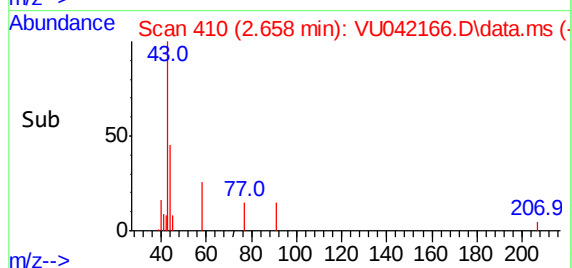
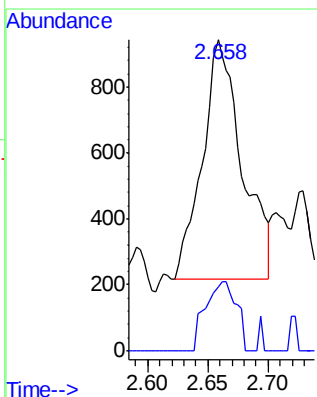
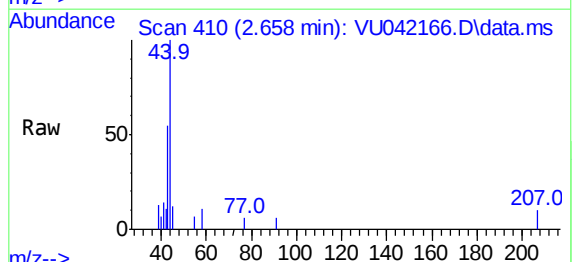
Instrument :
MSVOA_U
ClientSampleId :
F1E00

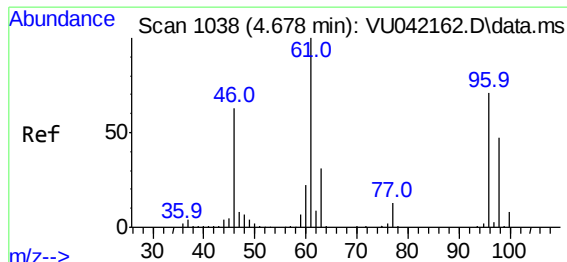
Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 31.3 23.0 42.8



#13
Acetone
Concen: 1.03 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.007 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 22.2 0.0 55.8

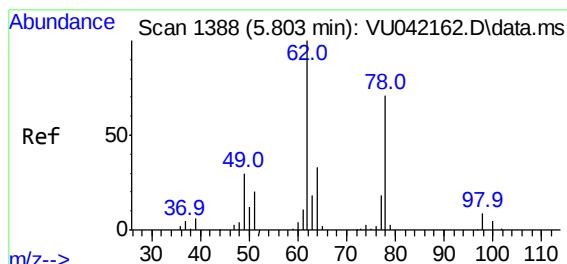
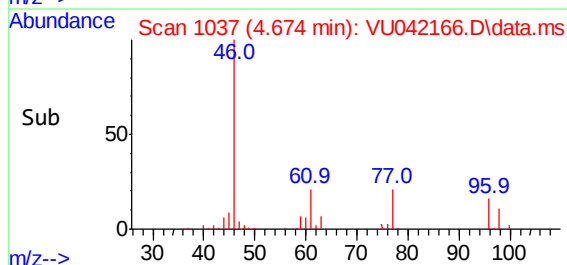
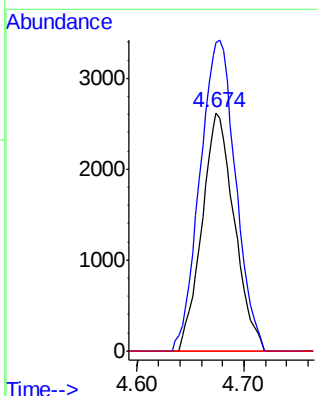
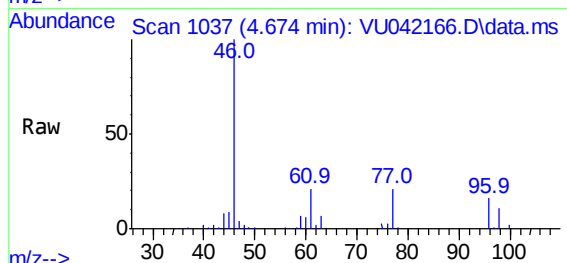




#22
 cis-1,2-Dichloroethene
 Concen: 0.70 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042166.D
 Acq: 22 Jan 2021 13:45

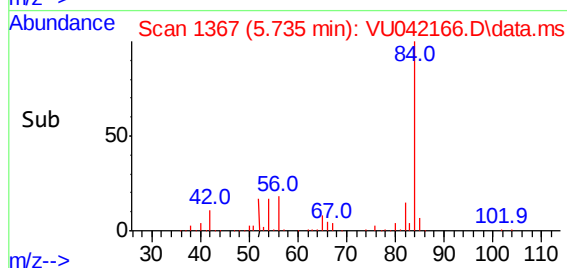
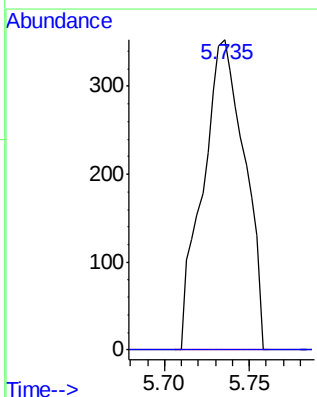
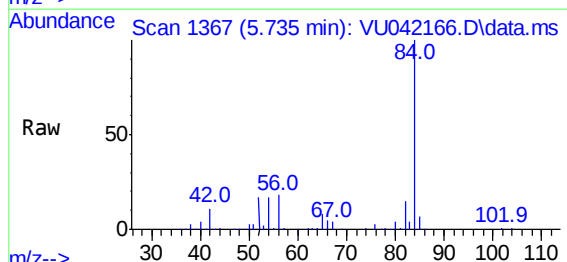
Instrument :
 MSVOA_U
 ClientSampleId :
 F1E00

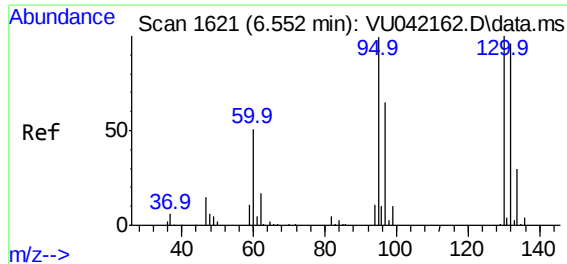
Tgt Ion: 96 Resp: 5472
 Ion Ratio Lower Upper
 96 100
 61 129.3 97.8 181.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.06 ug/L
 RT: 5.735 min Scan# 1367
 Delta R.T. -0.068 min
 Lab File: VU042166.D
 Acq: 22 Jan 2021 13:45

Tgt Ion: 62 Resp: 604
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#



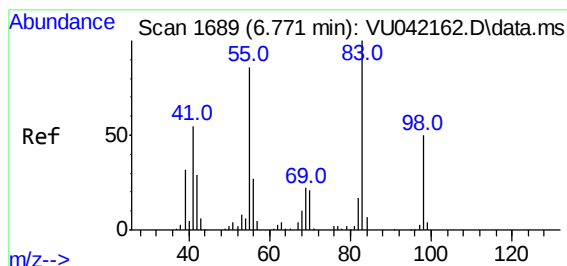
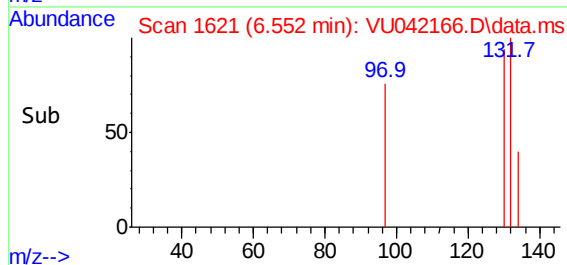
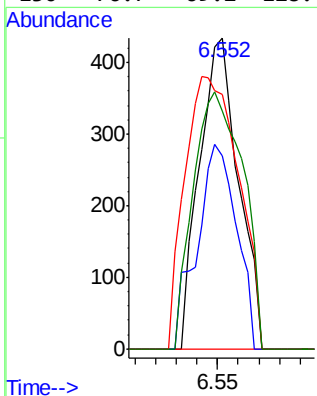
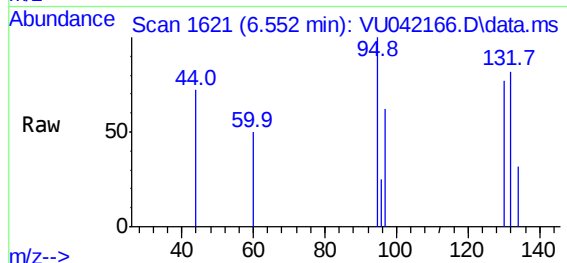


#34
Trichloroethene
Concen: 0.08 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Instrument :
MSVOA_U
ClientSampleId :
F1E00

Tgt Ion: 95 Resp: 569

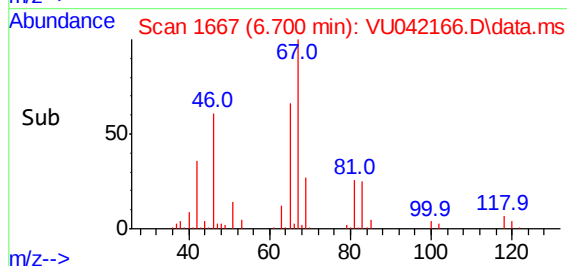
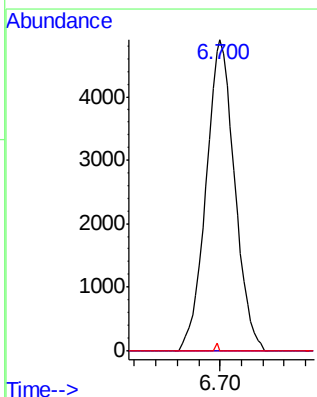
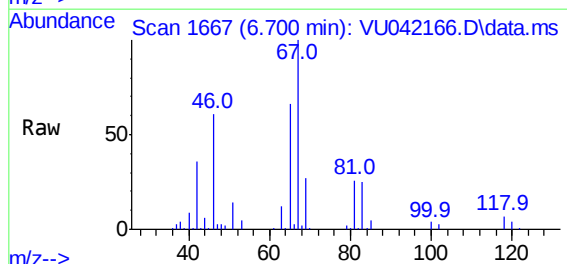
Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.4	82.4
132	81.8	68.0	126.4
130	76.7	69.2	128.4

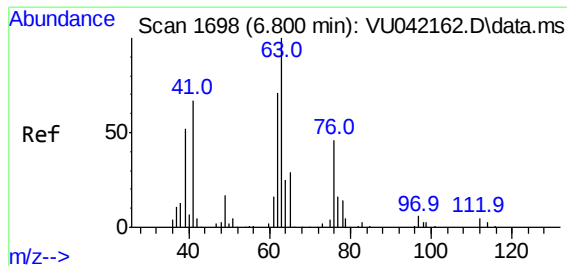


#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 83 Resp: 9023

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.2	39.7	59.5#

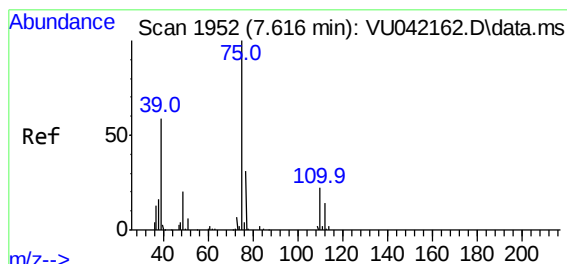
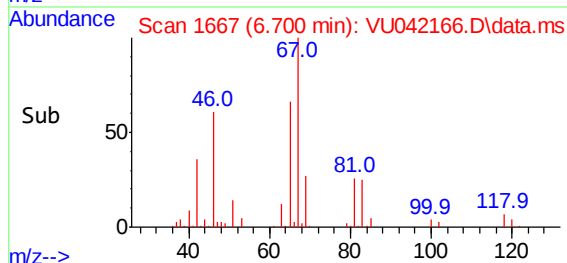
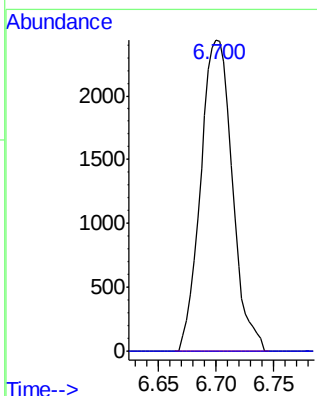
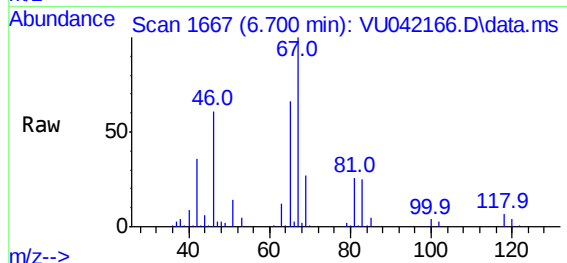




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

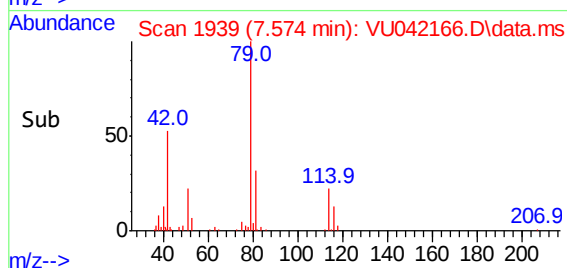
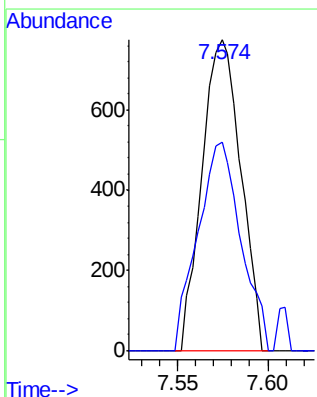
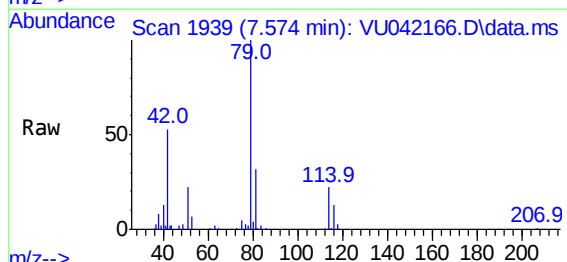
Instrument :
MSVOA_U
ClientSampleId :
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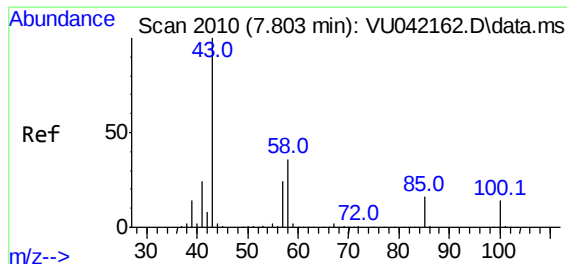
Tgt Ion: 63 Resp: 4624
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 75 Resp: 1149
Ion Ratio Lower Upper
75 100
77 67.2 22.0 40.8#

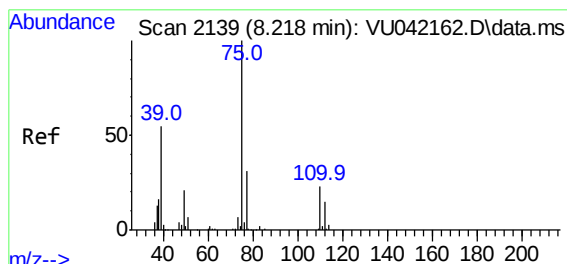
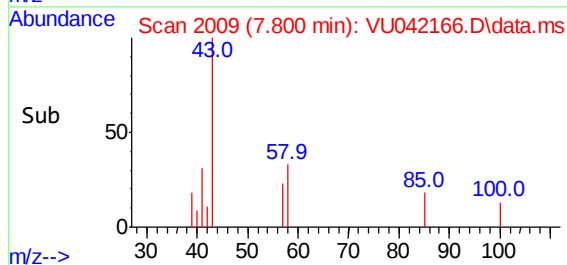
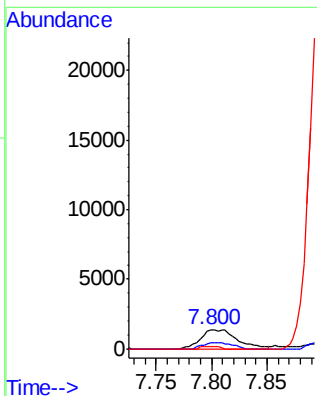
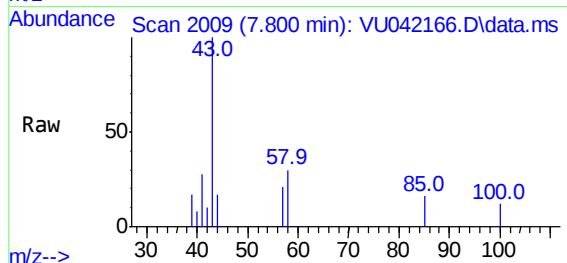




#40
4-Methyl-2-pentanone
Concen: 0.50 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

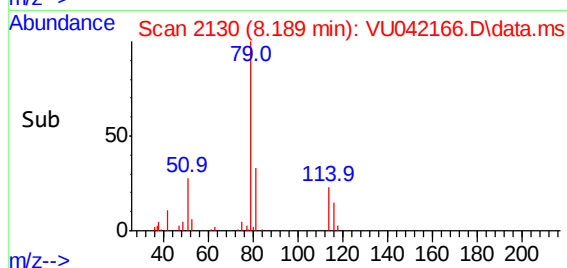
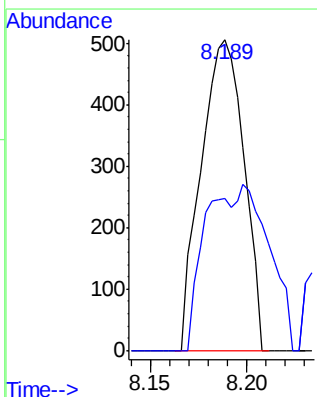
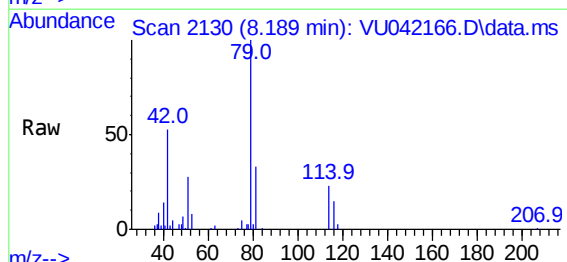
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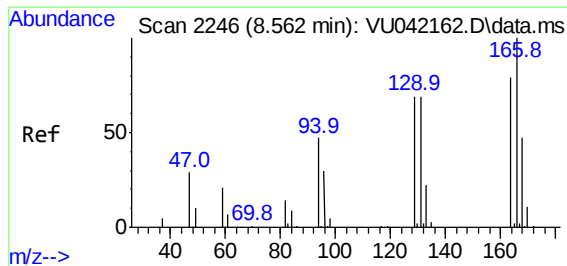
Tgt Ion: 43 Resp: 3143
Ion Ratio Lower Upper
43 100
58 25.8 29.1 43.7#
100 0.0 11.0 16.4#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 75 Resp: 782
Ion Ratio Lower Upper
75 100
77 49.0 21.8 40.4#



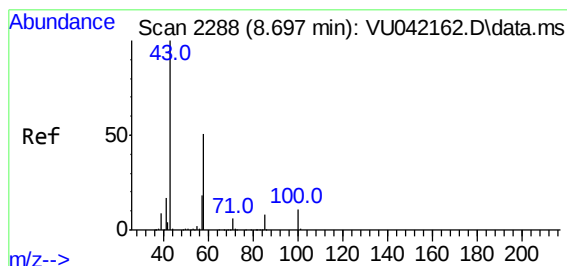
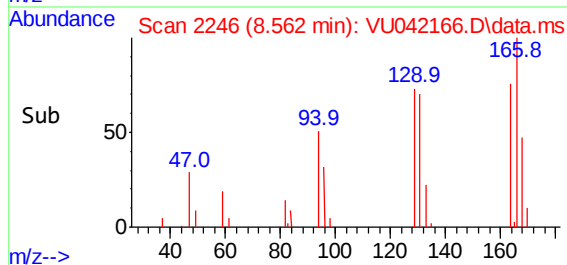
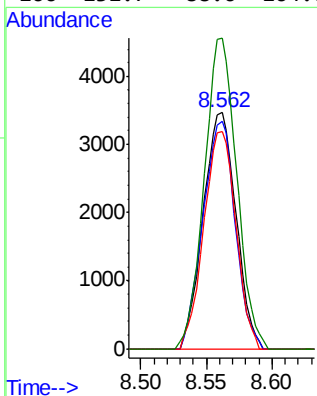
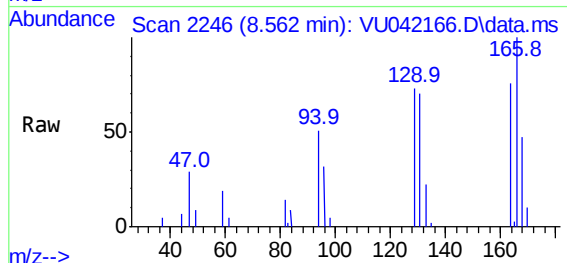


#47
Tetrachloroethene
Concen: 0.96 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Instrument :
MSVOA_U
ClientSampleId :
F1E00

Tgt Ion:164 Resp: 6017

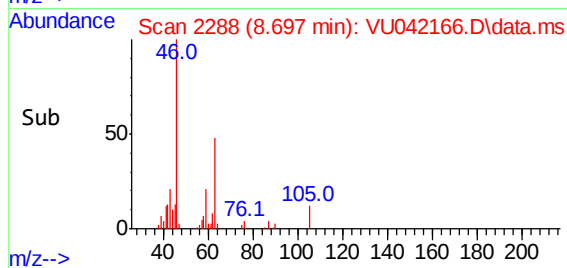
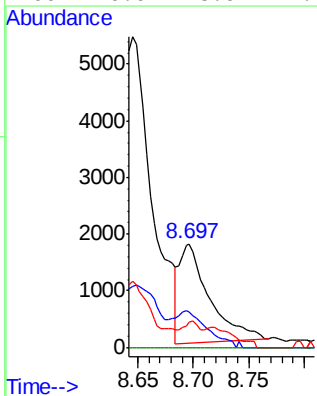
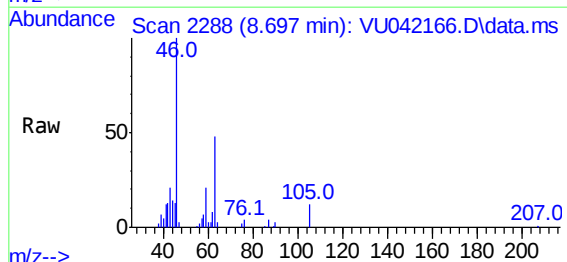
Ion	Ratio	Lower	Upper
164	100		
129	96.5	64.3	119.5
131	92.1	62.2	115.6
166	131.7	88.6	164.6

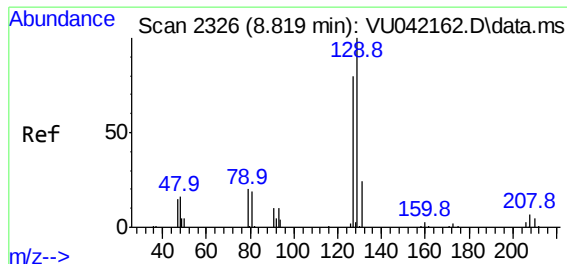


#48
2-Hexanone
Concen: 0.74 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 43 Resp: 3271

Ion	Ratio	Lower	Upper
43	100		
58	38.6	40.6	61.0#
57	17.8	14.9	22.3
100	0.0	8.6	12.8#

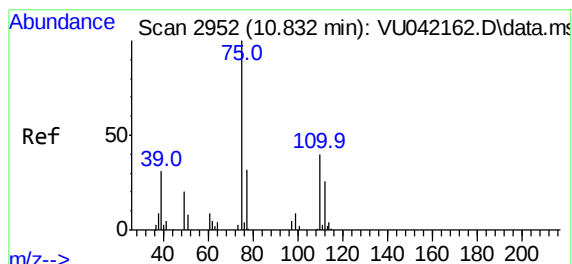
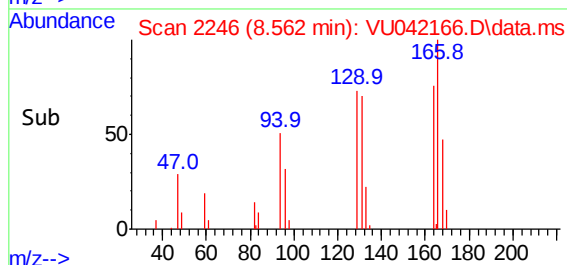
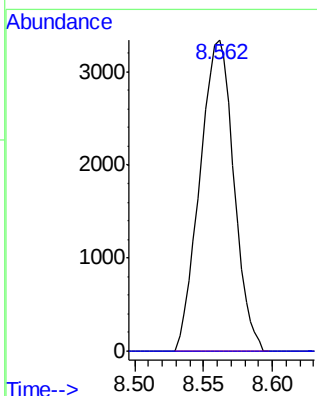
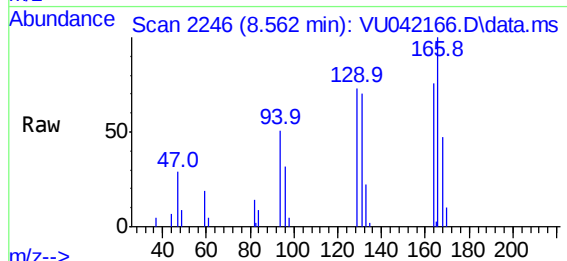




#49
Dibromochloromethane
Concen: 0.79 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Instrument :
MSVOA_U
ClientSampleId :
F1E00

Tgt Ion:129 Resp: 5732
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042166.D
Acq: 22 Jan 2021 13:45

Tgt Ion: 75 Resp: 5827
Ion Ratio Lower Upper
75 100
77 36.6 26.0 39.0

