

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042168.D
 Acq On : 22 Jan 2021 14:33
 Operator : SY/MD
 Sample : M1222-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E02

Quant Time: Jan 23 06:21:10 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)

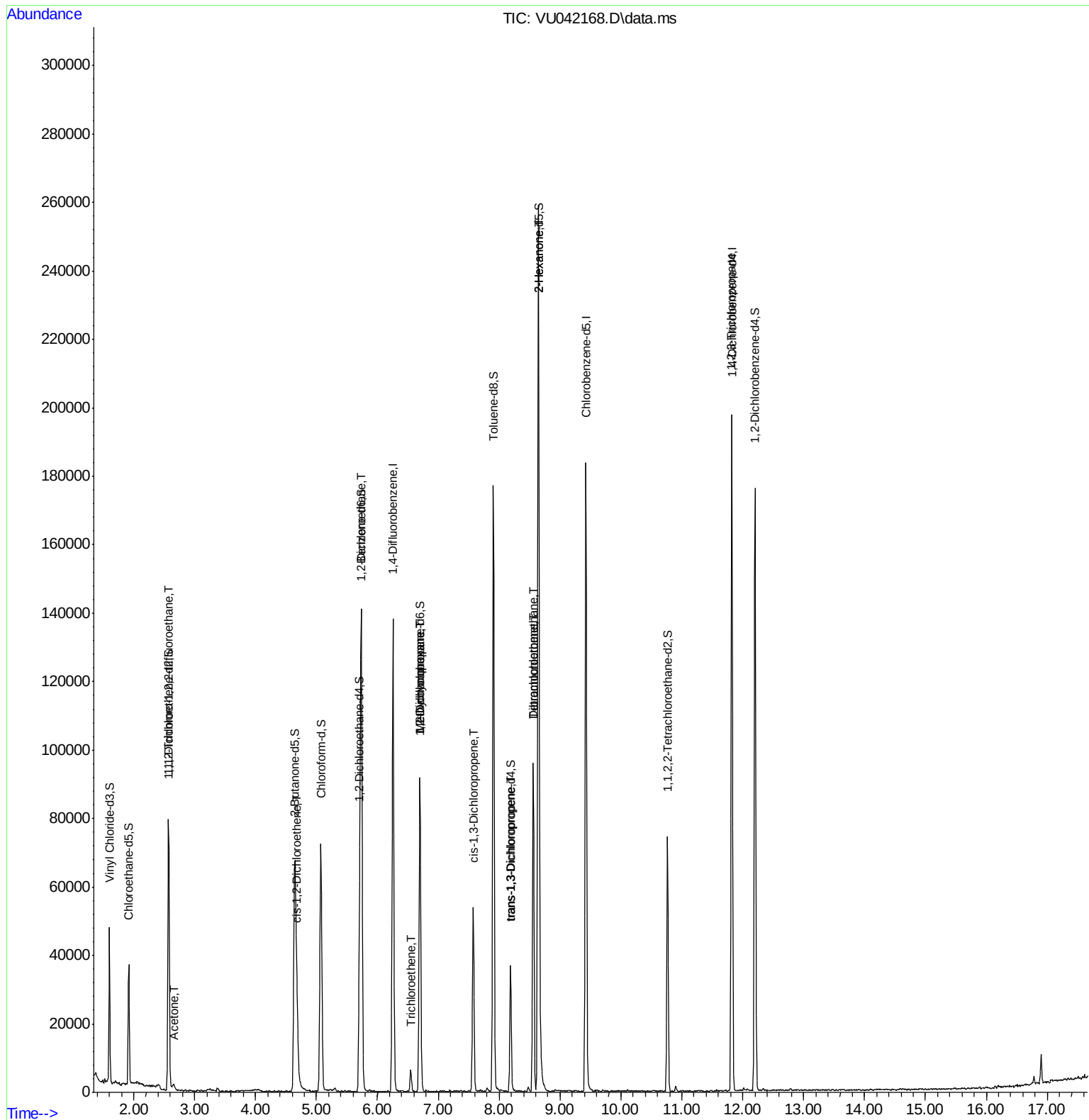
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	106271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	99129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	51213	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27725	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.915	69	23431	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.571	63	48391	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.642	46	129553	51.79	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	5.073	84	65169	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.710	65	40672	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.735	84	121599	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.700	67	39843	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	110386	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.189	79	18390	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.645	63	93623	50.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.62%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34820	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	44915	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	331	0.04	ug/L #	18
13) Acetone	2.655	43	3248	1.95	ug/L	63
22) cis-1,2-Dichloroethene	4.677	96	8050	0.99	ug/L	99
27) 1,2-Dichloroethane	5.738	62	719	0.07	ug/L #	75
34) Trichloroethene	6.546	95	2183	0.28	ug/L	85
35) Methylcyclohexane	6.700	83	9371	0.71	ug/L #	15
37) 1,2-Dichloropropane	6.697	63	4546	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1446	0.11	ug/L #	80
44) trans-1,3-Dichloropropene	8.185	75	865	0.07	ug/L #	72
47) Tetrachloroethene	8.562	164	21478	3.28	ug/L	97
48) 2-Hexanone	8.645	43	12032	2.63	ug/L #	71
49) Dibromochloromethane	8.562	129	19114	2.53	ug/L #	12
59) 1,2,3-Trichloropropane	11.819	75	5569	1.03	ug/L	92

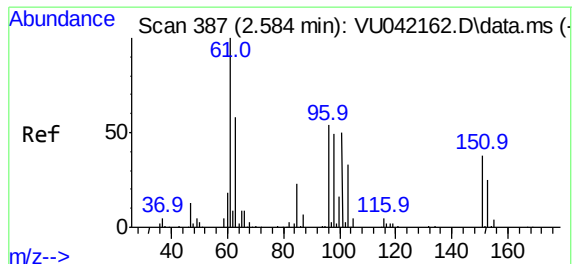
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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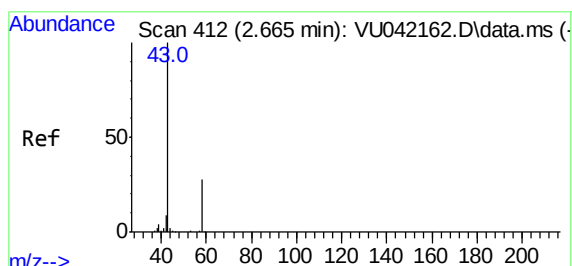
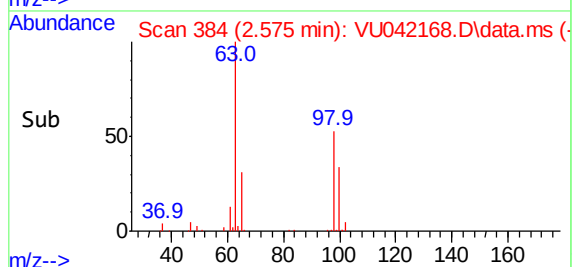
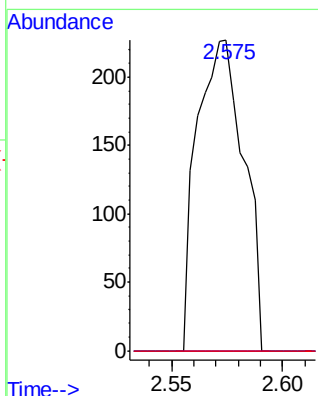
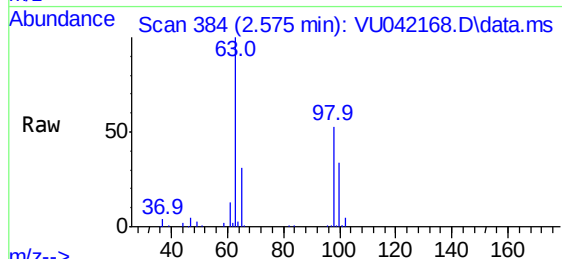




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.04 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

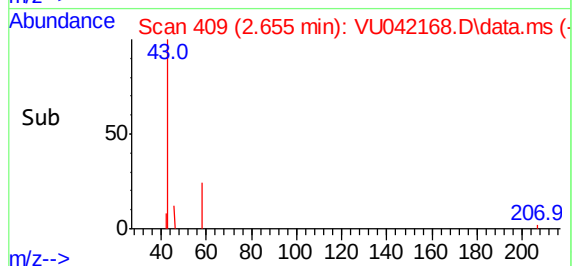
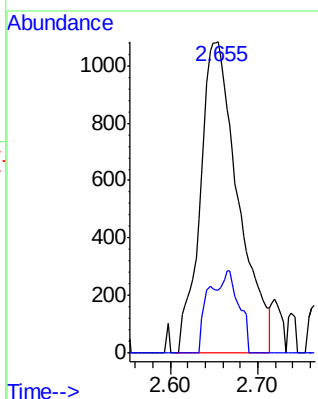
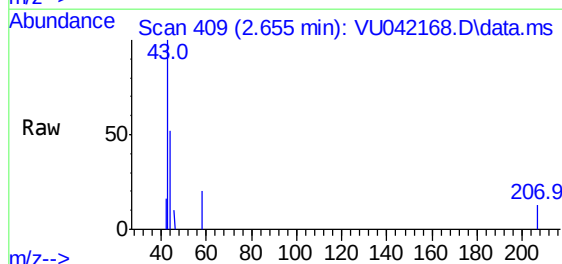
Instrument :
MSVOA_U
ClientSampleId :
F1E02

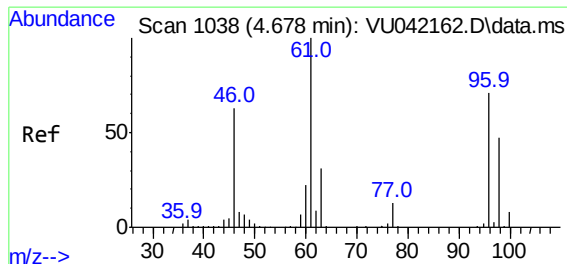
Tgt Ion:101 Resp: 331
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#13
Acetone
Concen: 1.95 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

Tgt Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
58 8.3 0.0 55.8

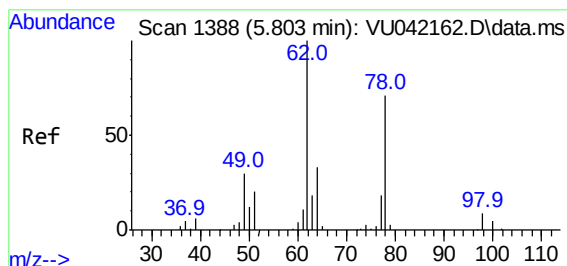
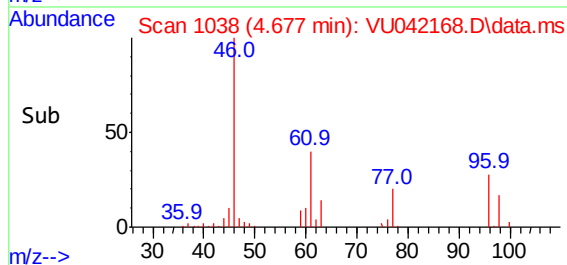
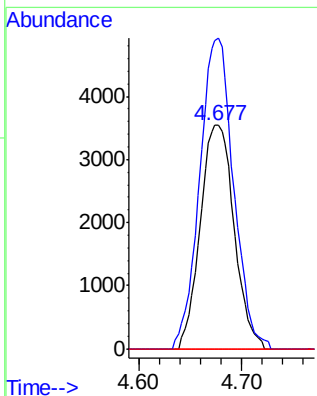
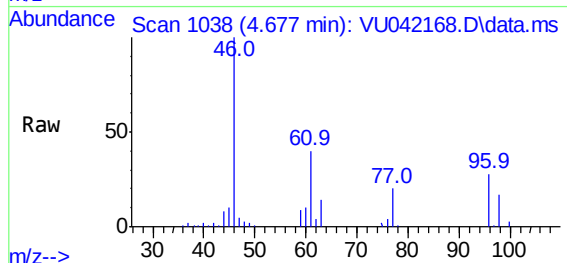




#22
 cis-1,2-Dichloroethene
 Concen: 0.99 ug/L
 RT: 4.677 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU042168.D
 Acq: 22 Jan 2021 14:33

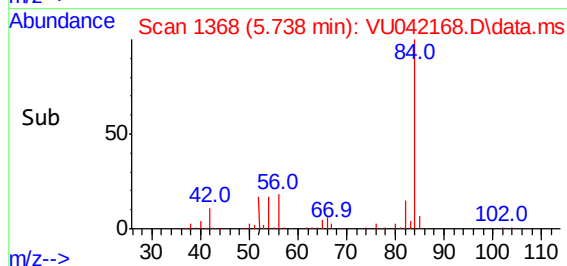
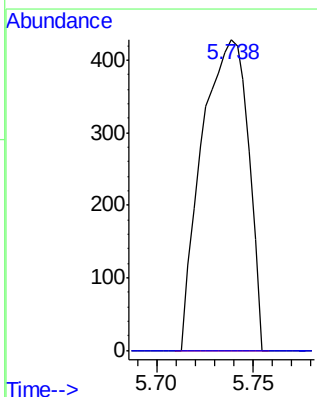
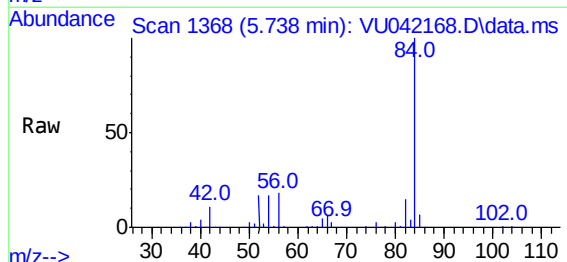
Instrument :
 MSVOA_U
 ClientSampled :
 F1E02

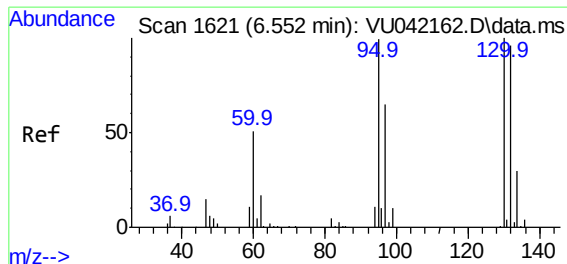
Tgt Ion: 96 Resp: 8050
 Ion Ratio Lower Upper
 96 100
 61 139.0 97.8 181.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.07 ug/L
 RT: 5.738 min Scan# 1368
 Delta R.T. -0.065 min
 Lab File: VU042168.D
 Acq: 22 Jan 2021 14:33

Tgt Ion: 62 Resp: 719
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.3 10.9#

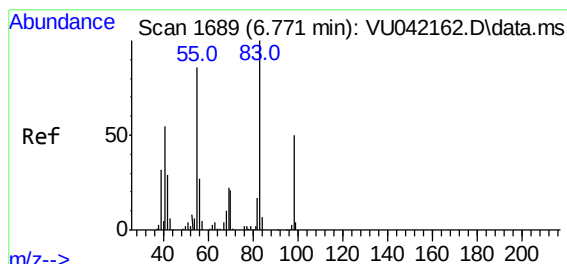
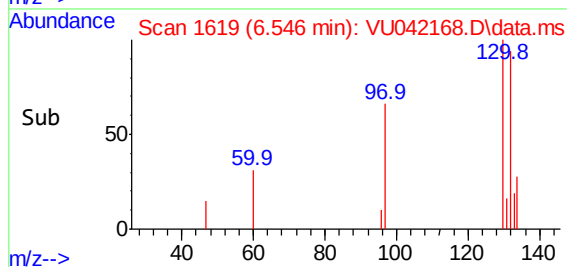
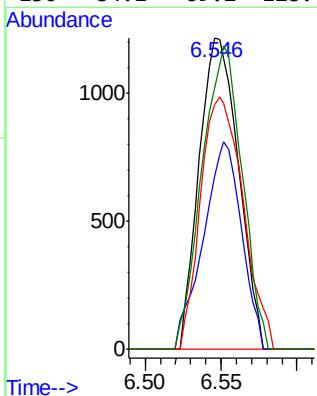
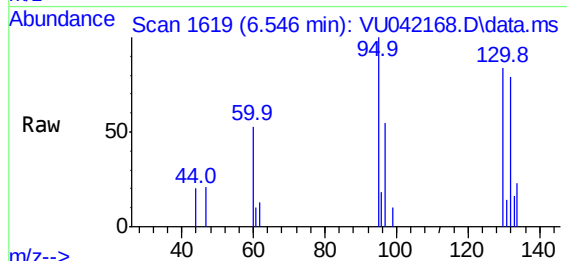




#34
Trichloroethene
Concen: 0.28 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.007 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

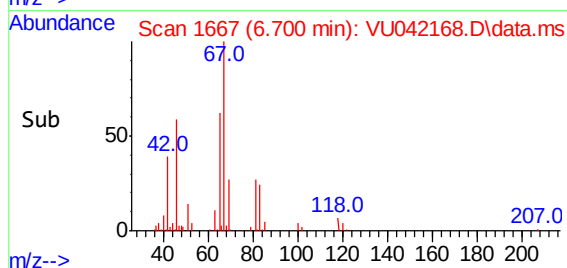
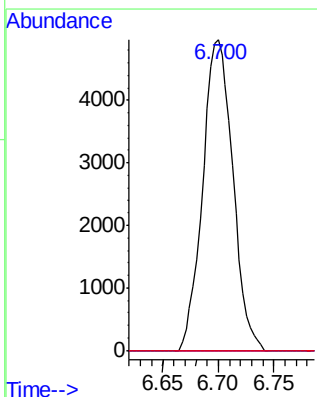
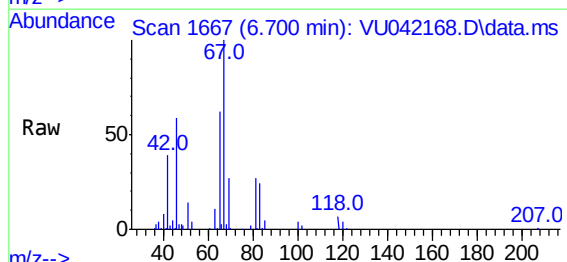
Instrument :
MSVOA_U
ClientSampleId :
F1E02

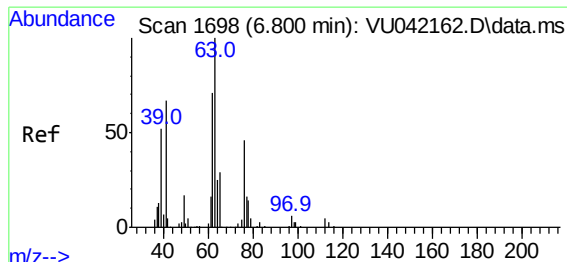
Tgt Ion:	95	Resp:	2183
Ion	Ratio	Lower	Upper
95	100		
97	55.4	44.4	82.4
132	78.7	68.0	126.4
130	84.1	69.2	128.4



#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

Tgt Ion:	83	Resp:	9371
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	1.4	39.7	59.5#

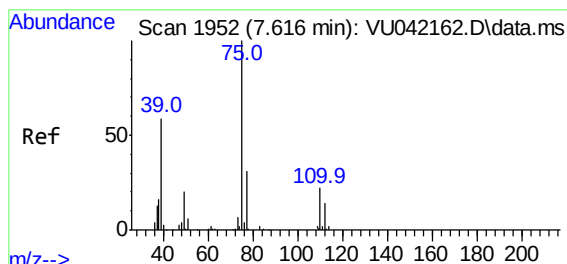
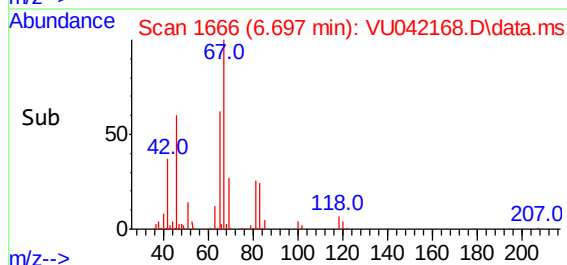
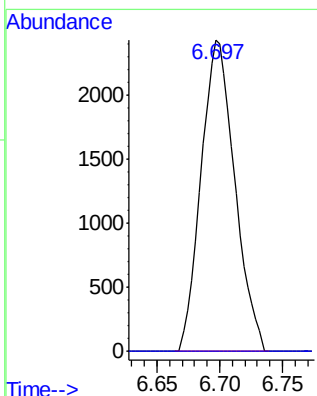
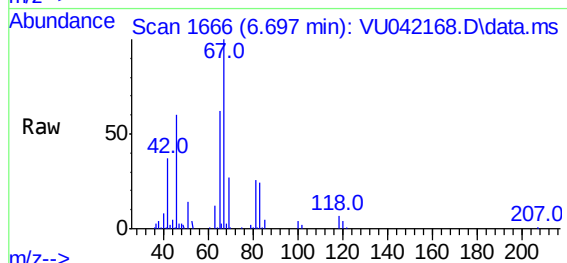




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

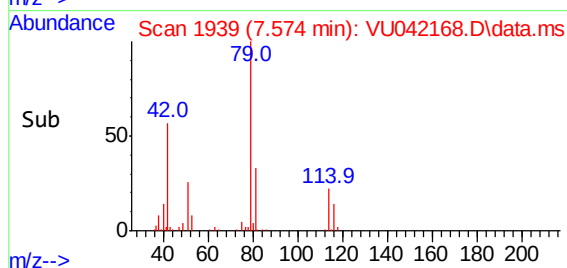
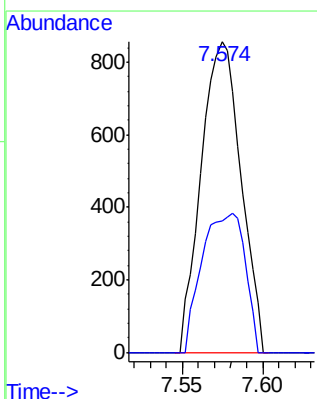
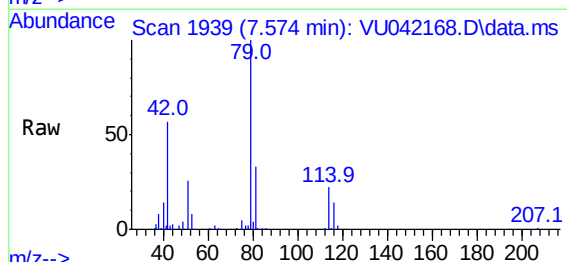
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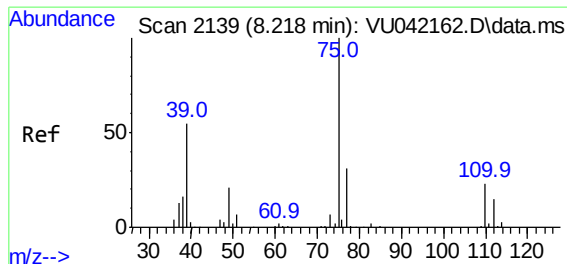
Tgt Ion: 63 Resp: 4546
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

Tgt Ion: 75 Resp: 1446
Ion Ratio Lower Upper
75 100
77 42.4 22.0 40.8#



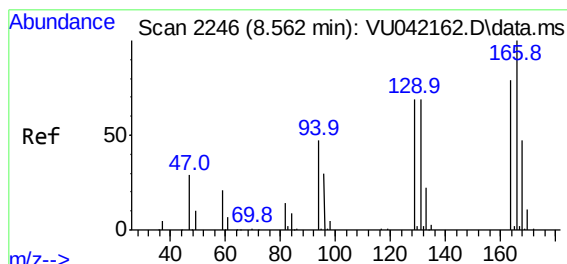
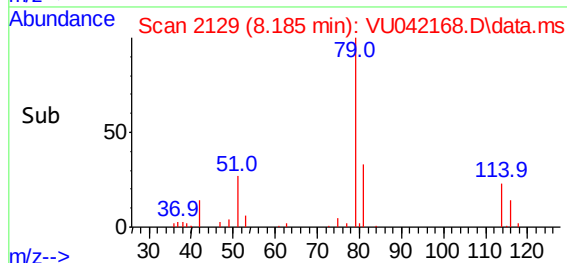
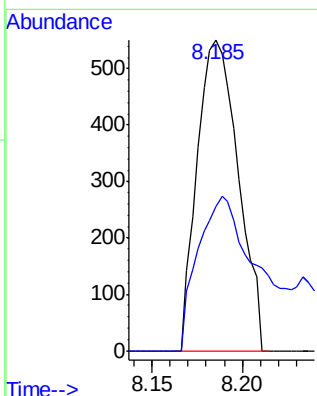
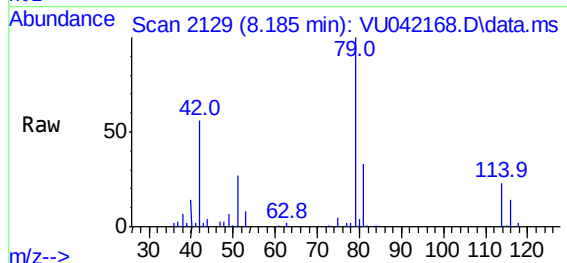


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

Instrument :
MSVOA_U
ClientSampleId :
F1E02

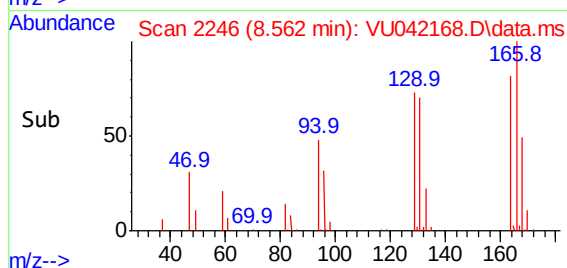
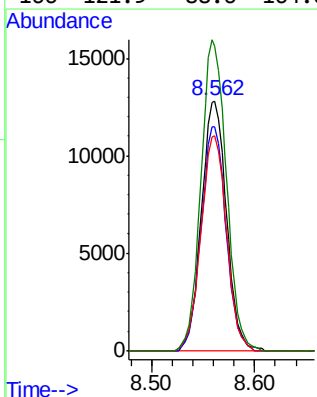
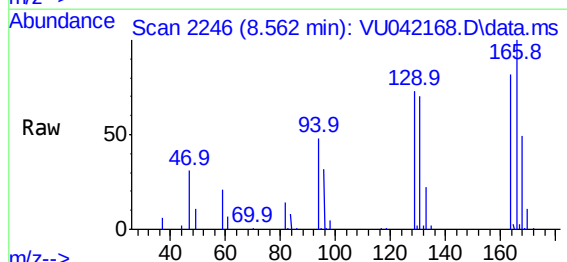
Tgt Ion: 75 Resp: 865
Ion Ratio Lower Upper
75 100
77 46.5 21.8 40.4#

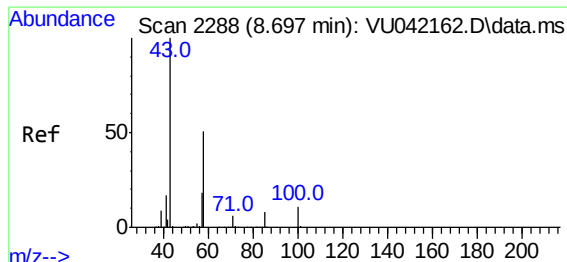


#47

Tetrachloroethene
Concen: 3.28 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

Tgt Ion: 164 Resp: 21478
Ion Ratio Lower Upper
164 100
129 89.6 64.3 119.5
131 85.8 62.2 115.6
166 121.9 88.6 164.6

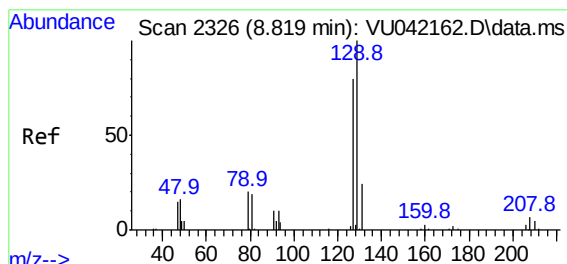
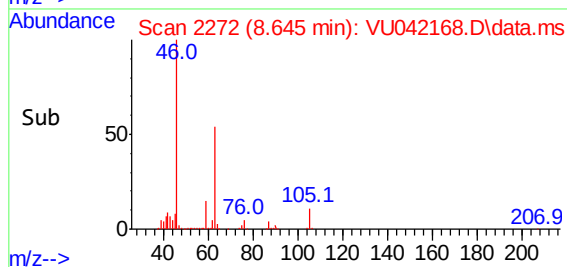
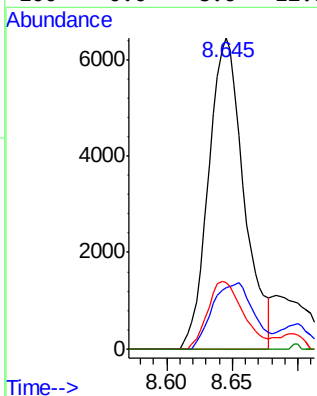
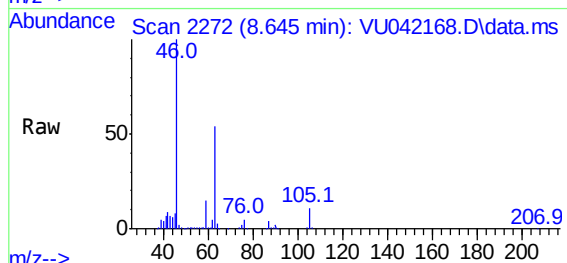




#48
2-Hexanone
Concen: 2.63 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

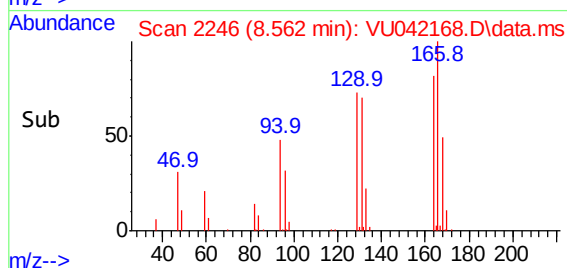
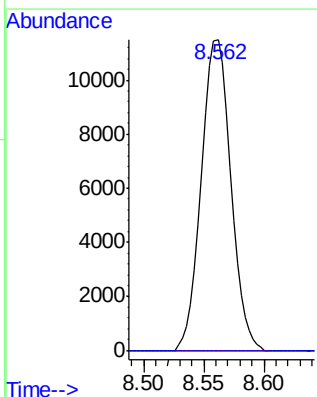
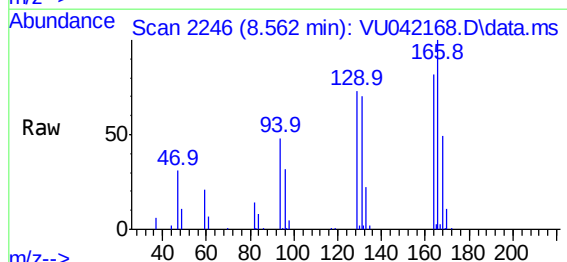
Instrument :
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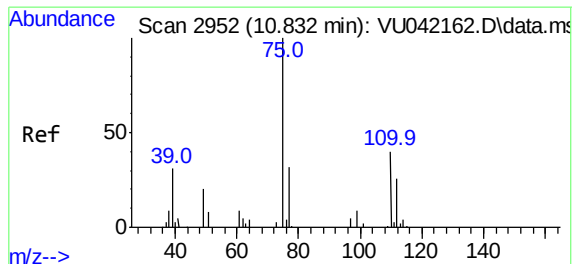
Tgt Ion: 43 Resp: 12032
Ion Ratio Lower Upper
43 100
58 25.0 40.6 61.0#
57 22.0 14.9 22.3
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 2.53 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU042168.D
Acq: 22 Jan 2021 14:33

Tgt Ion: 129 Resp: 19114
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59
 1,2,3-Trichloropropane
 Concen: 1.03 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042168.D
 Acq: 22 Jan 2021 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E02

Tgt Ion: 75 Resp: 5569
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.0 39.0

