

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042612.D
 Acq On : 12 Mar 2021 15:51
 Operator : SY/MD
 Sample : M1674-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE1

Quant Time: Mar 13 05:29:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 05:26:34 2021
 Response via : Initial Calibration

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

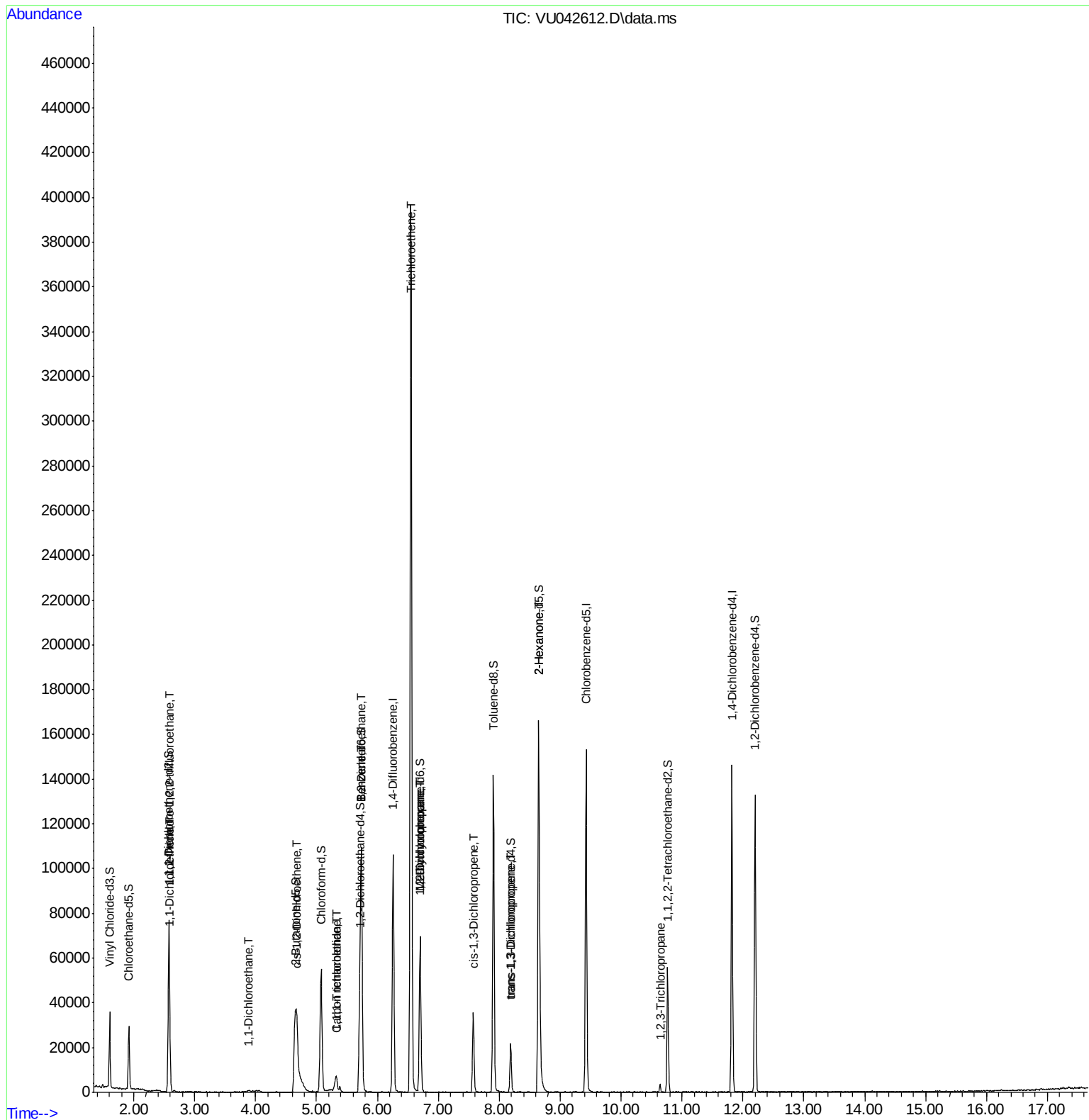
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82506	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	37170	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	22592	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.20%		
7) Chloroethane-d5	1.919	69	18778	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	90.20%		
11) 1,1-Dichloroethene-d2	2.575	63	43626	3.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	70.20%		
20) 2-Butanone-d5	4.652	46	89705	49.67	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.34%		
24) Chloroform-d	5.076	84	49763	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.40%		
26) 1,2-Dichloroethane-d4	5.710	65	34149	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.00%		
32) Benzene-d6	5.735	84	90152	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.60%		
36) 1,2-Dichloropropane-d6	6.700	67	29400	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	92.60%		
41) Toluene-d8	7.906	98	87349	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.00%		
43) trans-1,3-Dichloroprop...	8.186	79	11542	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	77.80%		
46) 2-Hexanone-d5	8.645	63	62303	43.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	87.76%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25348	4.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.60%		
64) 1,2-Dichlorobenzene-d4	12.201	152	33725	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.00%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	341	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	7739	1.33	ug/L #	14
19) 1,1-Dichloroethane	3.883	63	706	0.06	ug/L #	84
22) cis-1,2-Dichloroethene	4.674	96	7719	1.18	ug/L	96
27) 1,2-Dichloroethane	5.735	62	562	0.06	ug/L #	75
29) 1,1,1-Trichloroethane	5.327	97	4691	0.42	ug/L	90
31) Carbon tetrachloride	5.330	117	500	0.05	ug/L	92
33) Benzene	5.735	78	733	0.03	ug/L	100
34) Trichloroethene	6.549	95	126400	18.16	ug/L	98
35) Methylcyclohexane	6.700	83	7162	0.68	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	3711	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1026	0.10	ug/L #	72
44) trans-1,3-Dichloropropene	8.189	75	541	0.06	ug/L #	55
48) 2-Hexanone	8.645	43	10283	2.36	ug/L #	67
59) 1,2,3-Trichloropropane	10.642	75	658	0.13	ug/L #	42

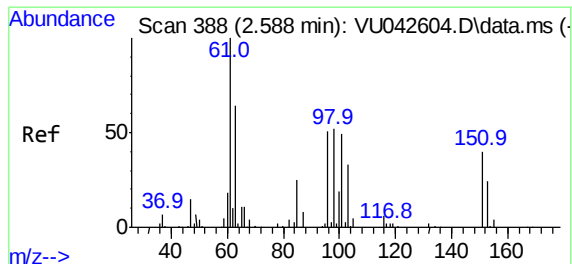
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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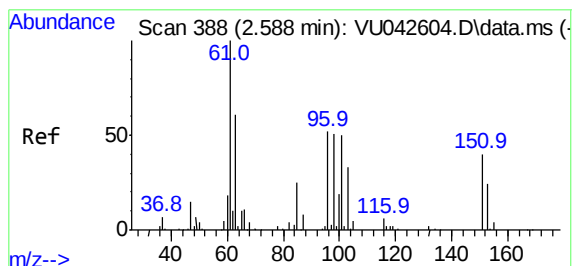
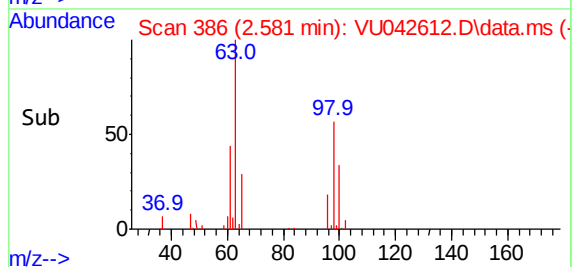
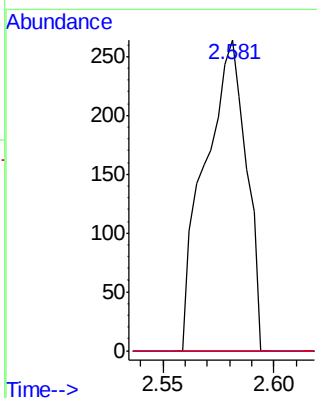
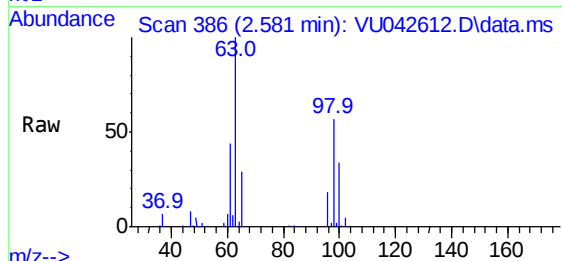




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU042612.D
 Acq: 12 Mar 2021 15:51

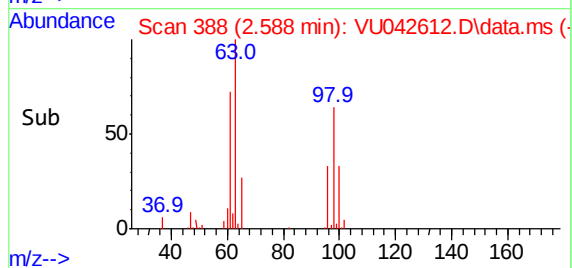
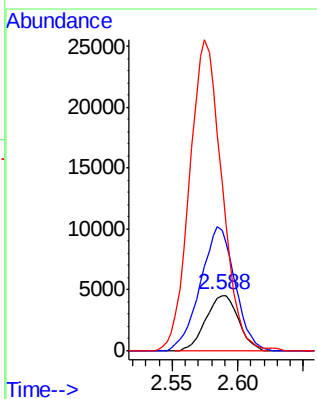
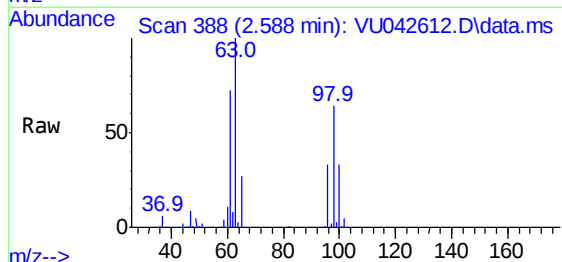
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE1

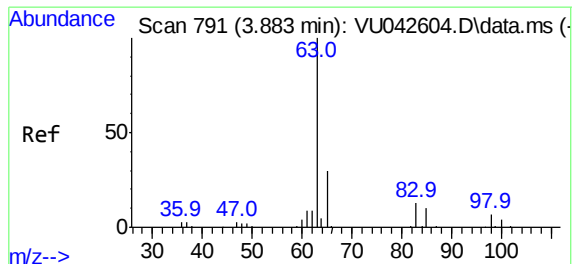
Tgt Ion:101 Resp: 341
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 1.33 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042612.D
 Acq: 12 Mar 2021 15:51

Tgt Ion: 96 Resp: 7739
 Ion Ratio Lower Upper
 96 100
 61 217.9 126.2 234.4
 63 303.8 77.8 144.4#



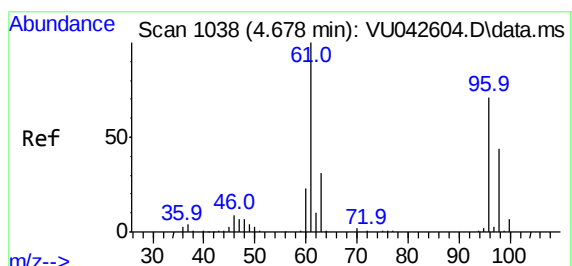
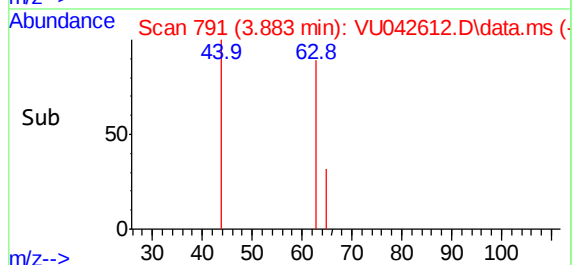
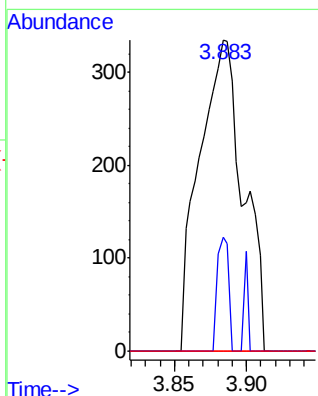
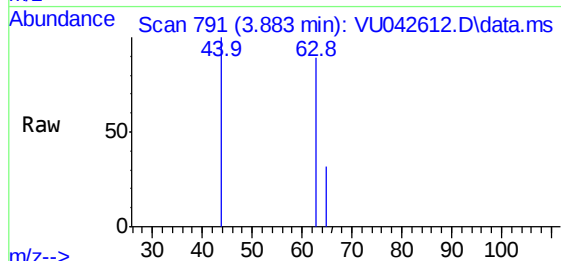


#19
1,1-Dichloroethane
Concen: 0.06 ug/L
RT: 3.883 min Scan# 791
Delta R.T. -0.000 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

Instrument :
MSVOA_U
ClientSampleId :
C0BE1

Tgt Ion: 63 Resp: 706

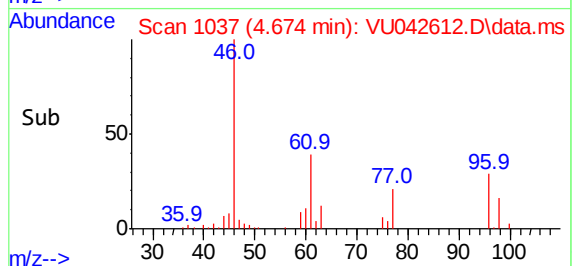
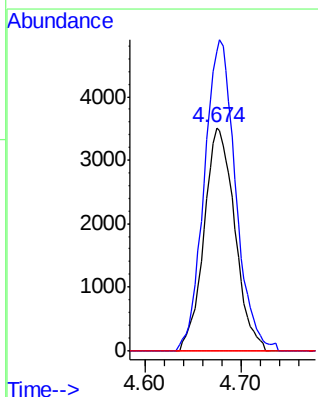
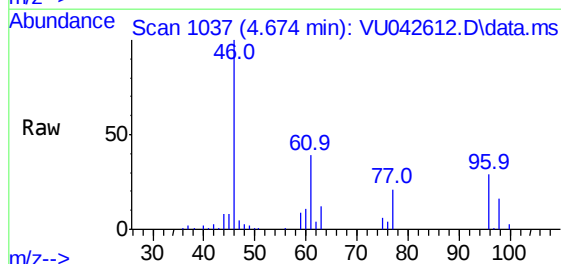
Ion	Ratio	Lower	Upper
63	100		
65	36.4	22.5	41.9
83	0.0	10.1	18.7#

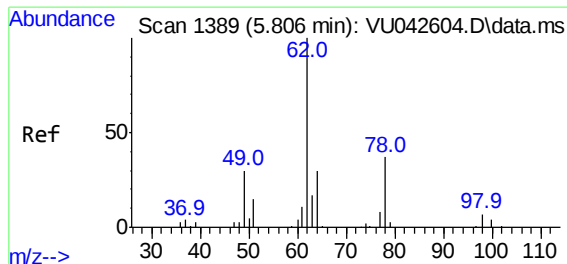


#22
cis-1,2-Dichloroethene
Concen: 1.18 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

Tgt Ion: 96 Resp: 7719

Ion	Ratio	Lower	Upper
96	100		
61	134.7	97.8	181.6
68	0.0	0.0	0.0

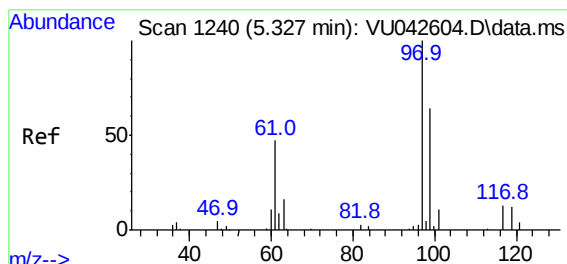
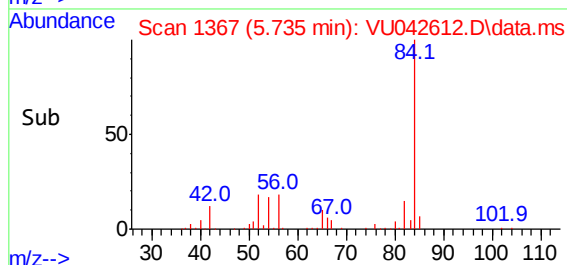
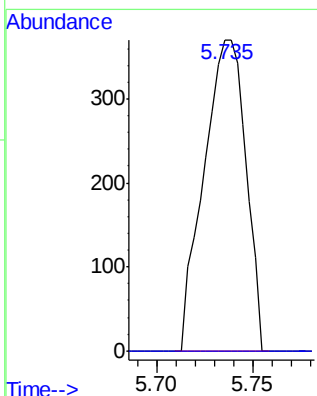
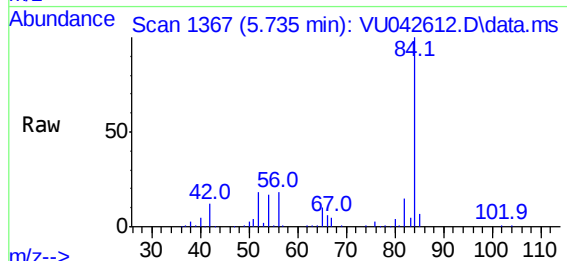




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

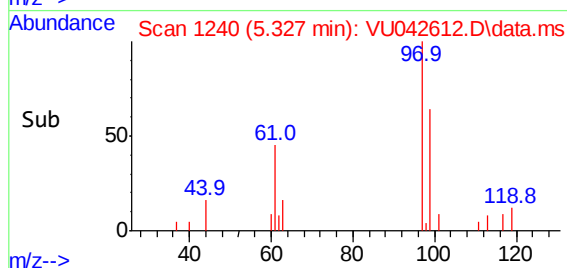
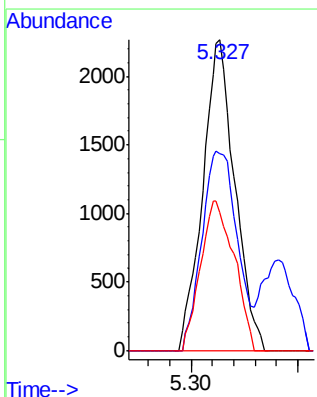
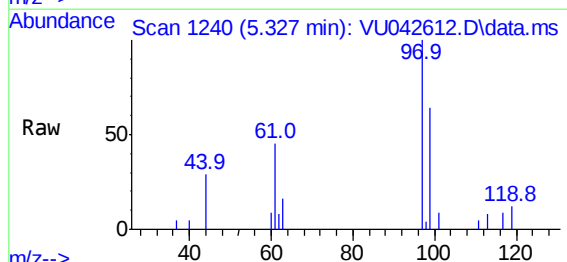
Instrument :
MSVOA_U
ClientSampleId :
C0BE1

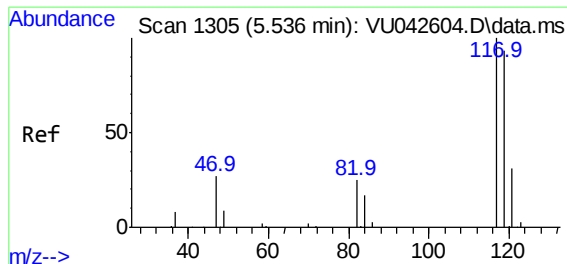
Tgt Ion: 62 Resp: 562
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#29
1,1,1-Trichloroethane
Concen: 0.42 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

Tgt Ion: 97 Resp: 4691
Ion Ratio Lower Upper
97 100
99 71.4 50.8 76.2
61 50.5 35.8 53.6

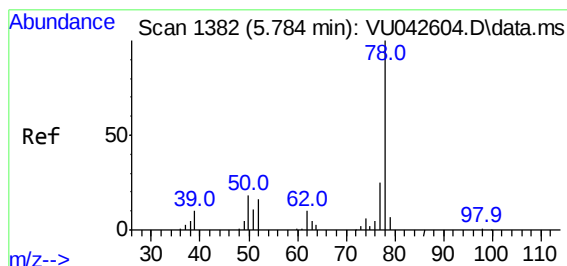
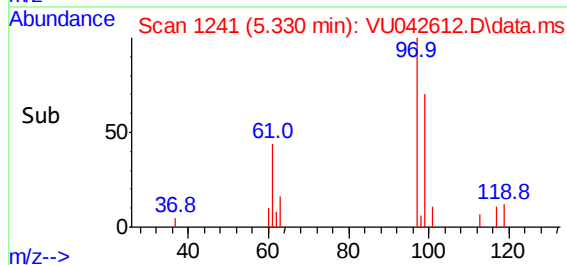
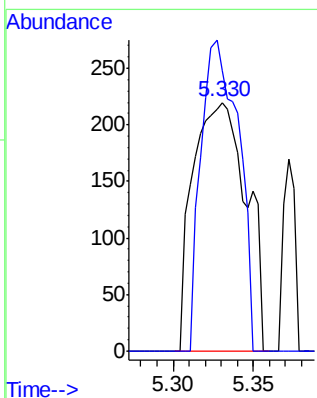
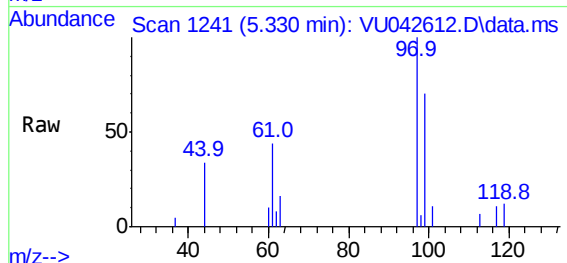




#31
Carbon tetrachloride
Concen: 0.05 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. -0.206 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

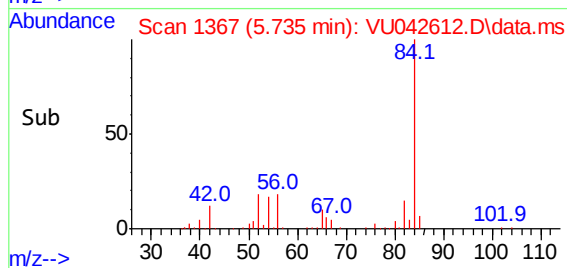
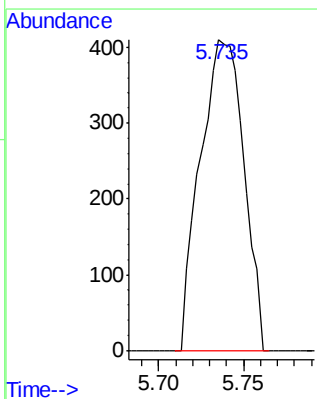
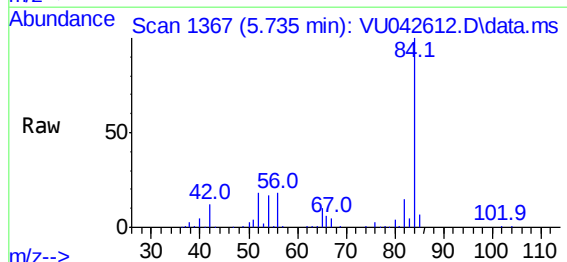
Instrument :
MSVOA_U
ClientSampleId :
C0BE1

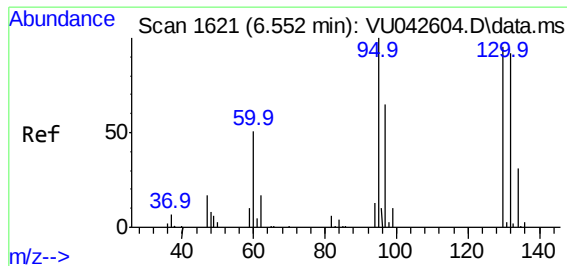
Tgt Ion:117 Resp: 500
Ion Ratio Lower Upper
117 100
119 87.2 76.2 114.4



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

Tgt Ion: 78 Resp: 733





#34

Trichloroethene

Concen: 18.16 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU042612.D

Acq: 12 Mar 2021 15:51

Instrument :

MSVOA_U

ClientSampleId :

C0BE1

Tgt Ion: 95 Resp: 126400

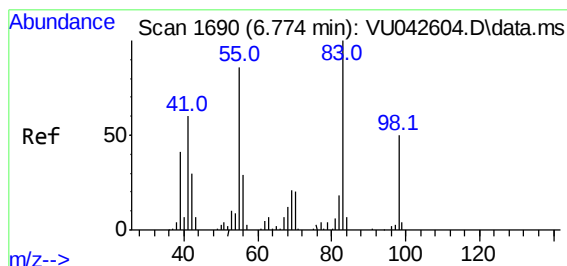
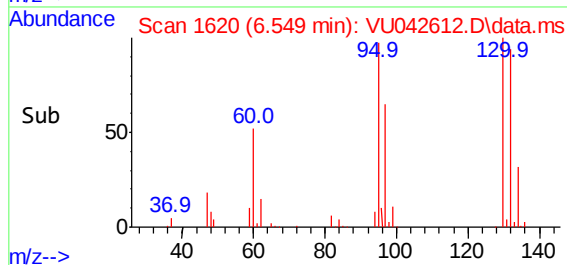
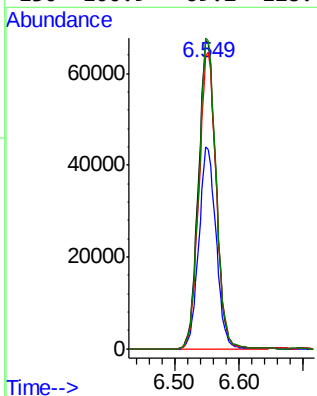
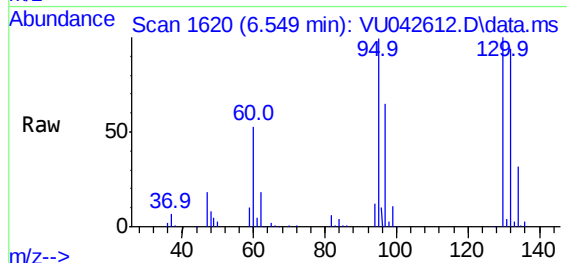
Ion Ratio Lower Upper

95 100

97 65.6 44.4 82.4

132 95.0 68.0 126.4

130 100.9 69.2 128.4



#35

Methylcyclohexane

Concen: 0.68 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU042612.D

Acq: 12 Mar 2021 15:51

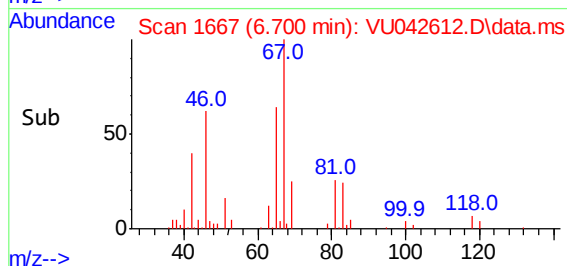
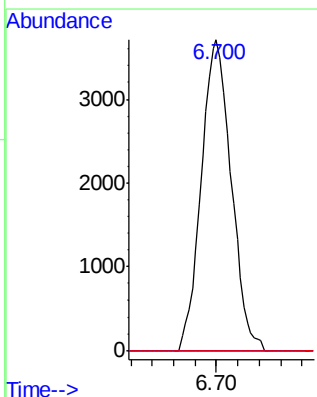
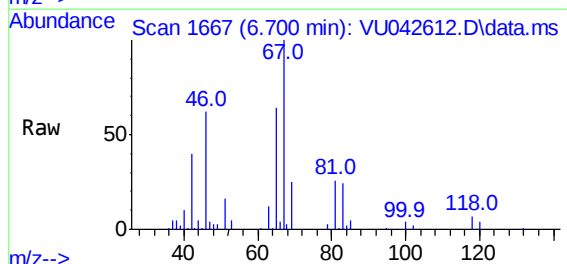
Tgt Ion: 83 Resp: 7162

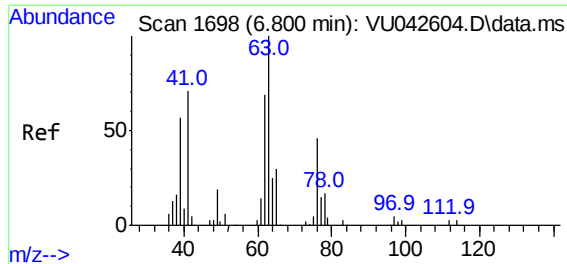
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 9.9 39.7 59.5#

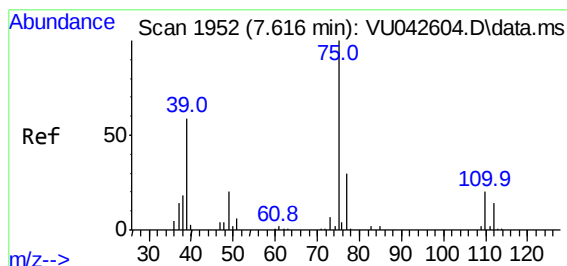
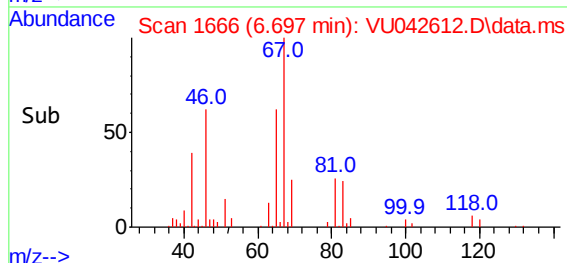
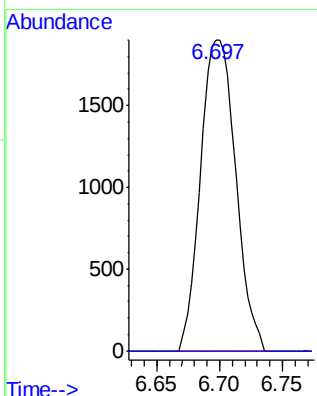
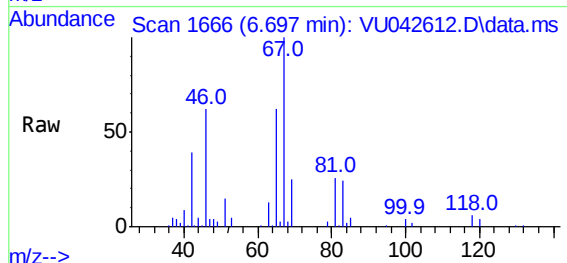




#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

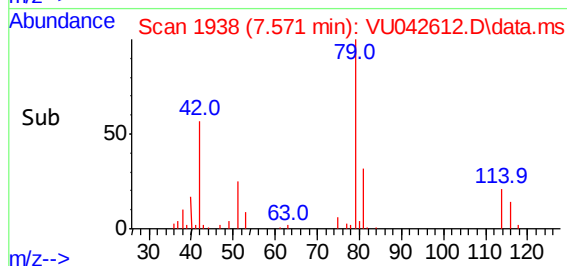
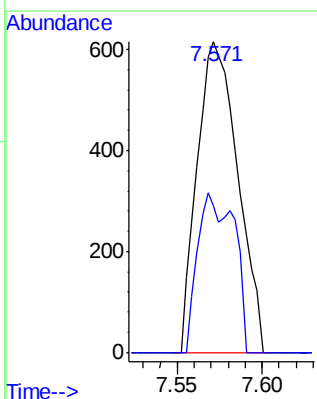
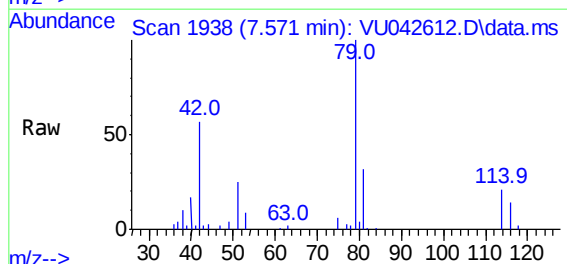
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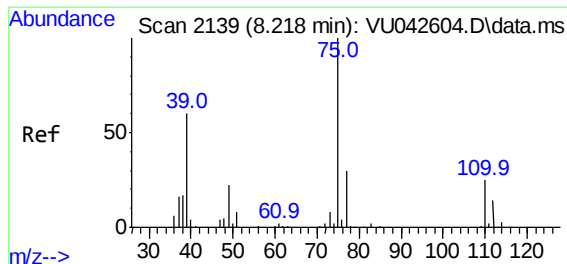
Tgt Ion: 63 Resp: 3711
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

Tgt Ion: 75 Resp: 1026
Ion Ratio Lower Upper
75 100
77 47.2 22.0 40.8#

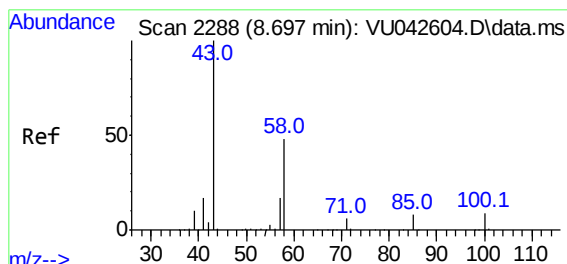
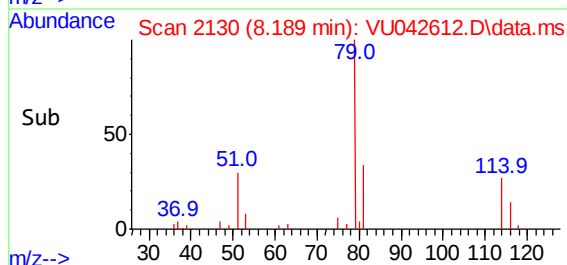
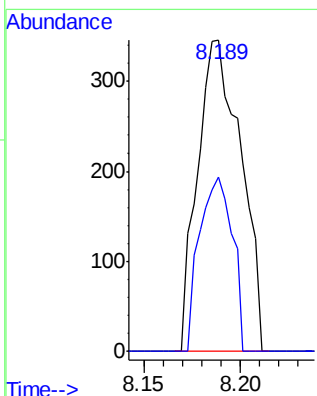
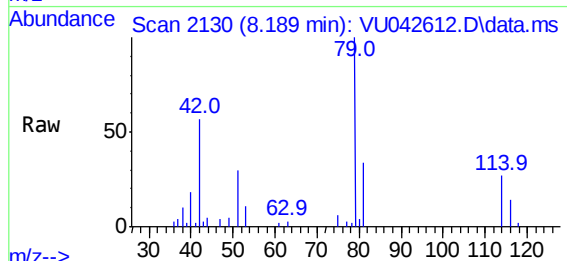




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

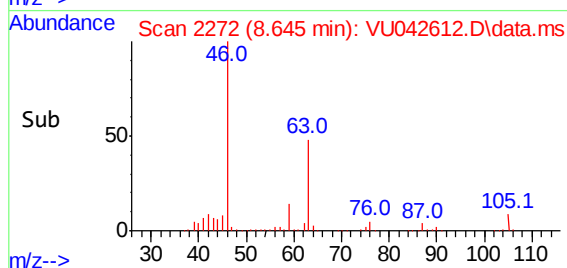
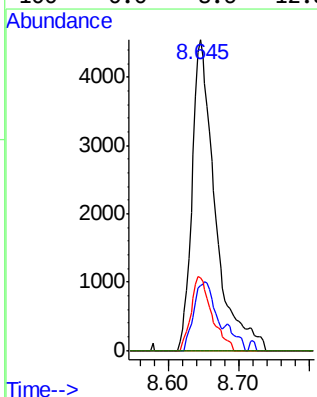
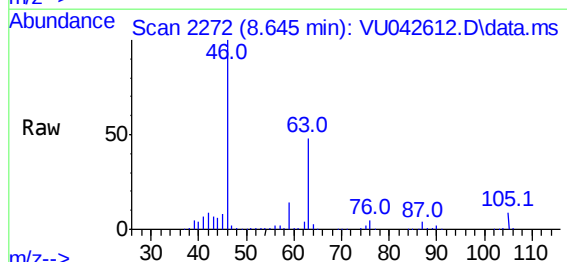
Instrument :
MSVOA_U
ClientSampleId :
C0BE1

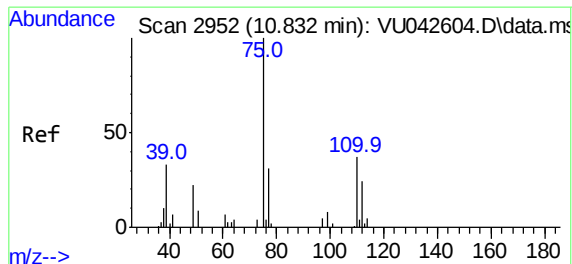
Tgt Ion: 75 Resp: 541
Ion Ratio Lower Upper
75 100
77 56.1 21.8 40.4#



#48
2-Hexanone
Concen: 2.36 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042612.D
Acq: 12 Mar 2021 15:51

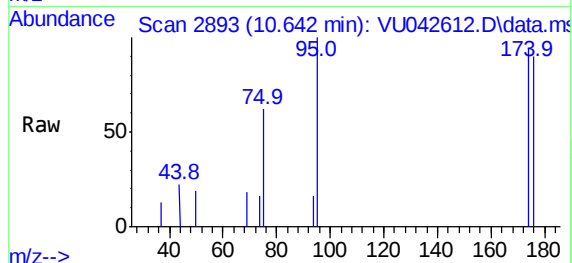
Tgt Ion: 43 Resp: 10283
Ion Ratio Lower Upper
43 100
58 20.2 40.6 61.0#
57 21.4 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.13 ug/L
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.190 min
 Lab File: VU042612.D
 Acq: 12 Mar 2021 15:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BE1



Tgt Ion: 75 Resp: 658
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

