

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045243.D
 Acq On : 08 Oct 2021 11:55
 Operator : SY/MD
 Sample : M4023-04 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:30:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

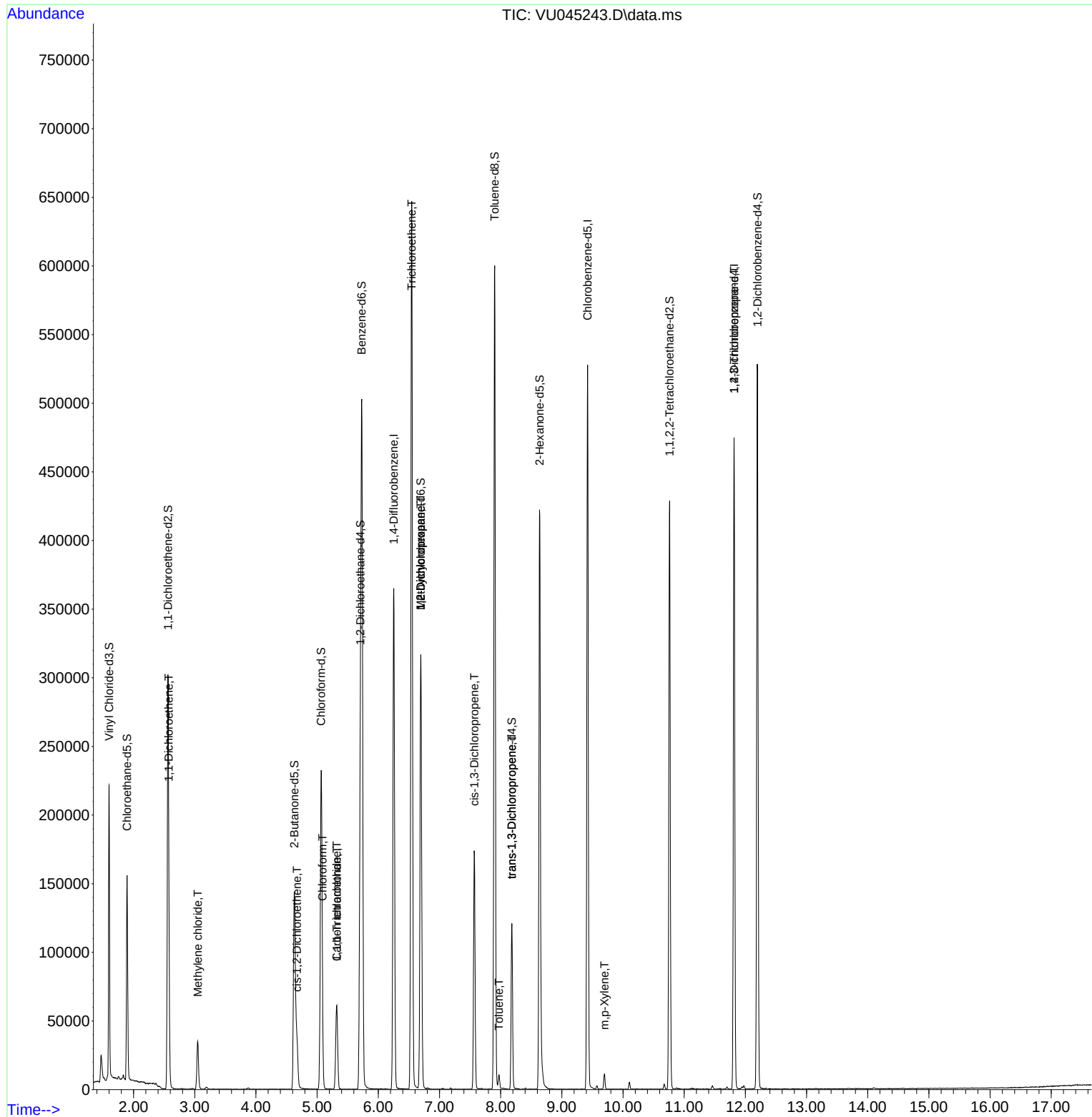
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	279916	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	270690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	116399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	143006	46.669	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.340%		
7) Chloroethane-d5	1.893	69	113737	46.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.680%		
11) 1,1-Dichloroethene-d2	2.562	63	179685	34.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.840%		
21) 2-Butanone-d5	4.626	46	209881	86.637	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.640%		
24) Chloroform-d	5.067	84	208326	43.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.100%		
26) 1,2-Dichloroethane-d4	5.707	65	149857	45.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.420%		
32) Benzene-d6	5.729	84	445372	47.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.840%		
36) 1,2-Dichloropropane-d6	6.694	67	142975	46.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.360%		
41) Toluene-d8	7.903	98	383982	47.371	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.740%		
43) trans-1,3-Dichloroprop...	8.182	79	63660	46.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.460%		
47) 2-Hexanone-d5	8.636	63	145016	85.441	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.440%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213058	44.674	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.340%		
66) 1,2-Dichlorobenzene-d4	12.198	152	130326	51.448	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.900%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	14332	6.612	ug/L #	1
16) Methylene chloride	3.047	84	16714	6.086	ug/L	89
20) cis-1,2-Dichloroethene	4.671	96	14870	5.910	ug/L	98
25) Chloroform	5.086	83	3604	0.763	ug/L #	70
30) 1,1,1-Trichloroethane	5.321	97	43100	11.502	ug/L	98
31) Carbon tetrachloride	5.321	117	5303	1.792	ug/L	95
34) Trichloroethene	6.546	95	220360	91.381	ug/L	100
35) Methylcyclohexane	6.694	83	33704	8.348	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	16189	5.922	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3940	1.007	ug/L #	53
42) Toluene	7.973	91	6712	0.658	ug/L	93
44) trans-1,3-Dichloropropene	8.182	75	2916	0.784	ug/L	97
53) m,p-Xylene	9.697	106	3203	0.785	ug/L	88
60) 1,2,3-Trichloropropane	11.816	75	15591	4.843	ug/L #	68

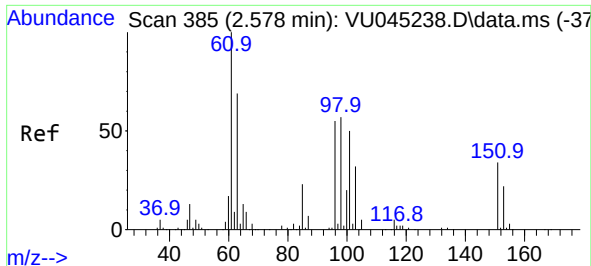
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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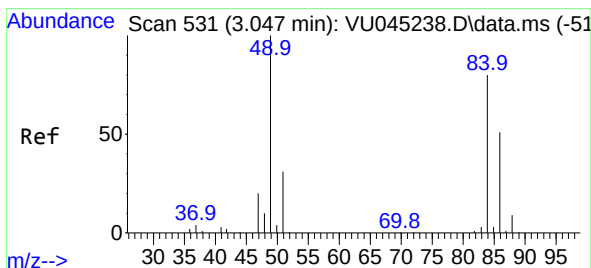
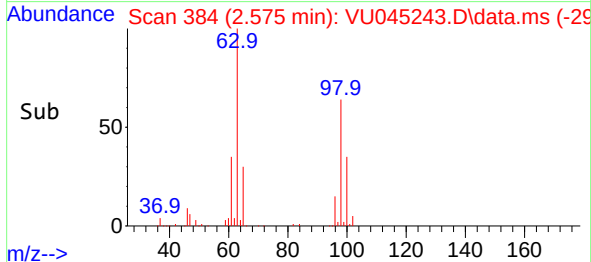
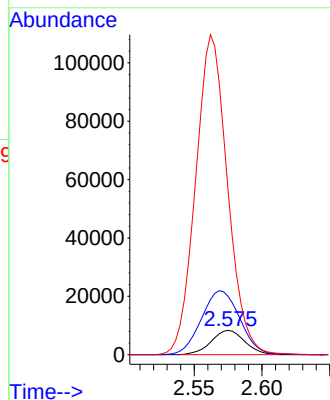
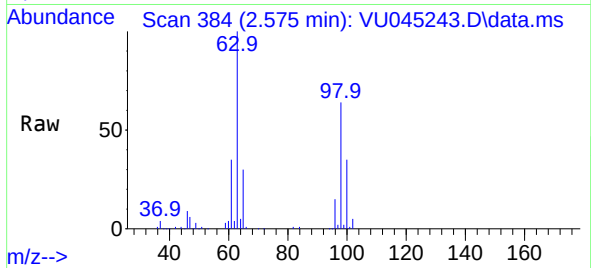




#12
1,1-Dichloroethene
Concen: 6.612 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

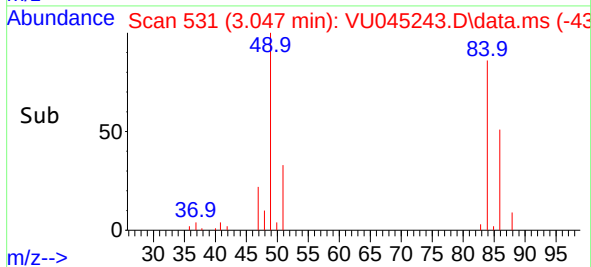
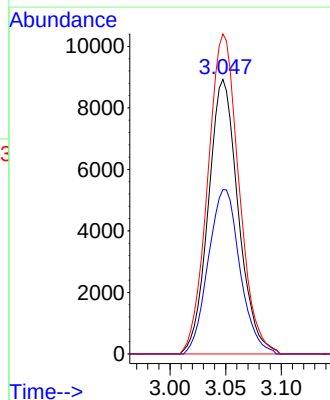
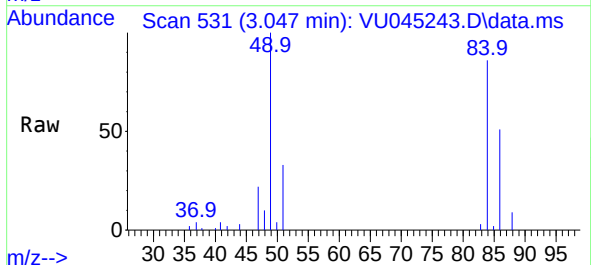
Instrument :
MSVOA_U
ClientSampleId :

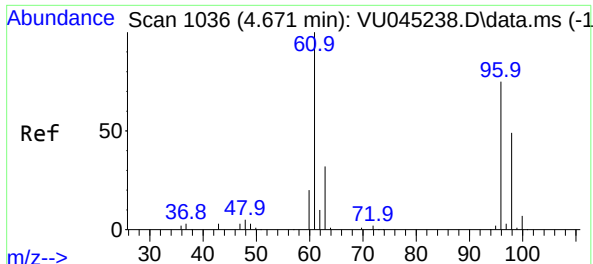
Tgt Ion: 96 Resp: 14332
Ion Ratio Lower Upper
96 100
61 241.0 131.3 243.9
63 686.1 102.5 190.3#



#16
Methylene chloride
Concen: 6.086 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 84 Resp: 16714
Ion Ratio Lower Upper
84 100
86 59.9 44.7 83.1
49 116.5 92.9 172.5

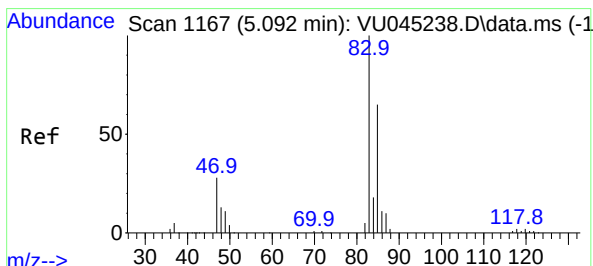
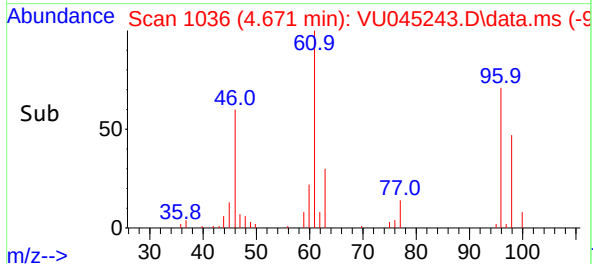
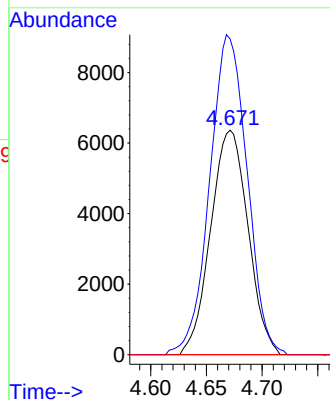
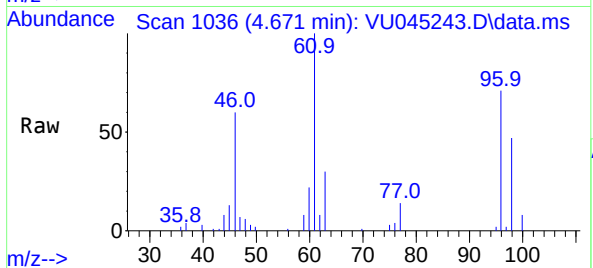




#20
cis-1,2-Dichloroethene
Concen: 5.910 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

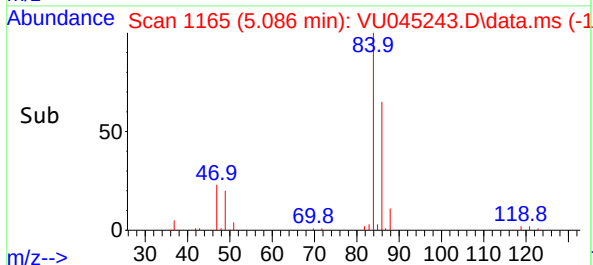
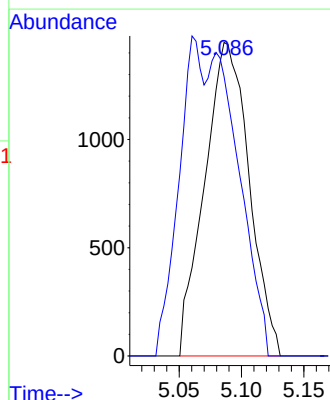
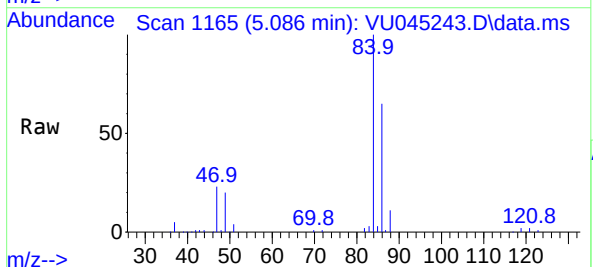
Instrument :
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ClientSampled :

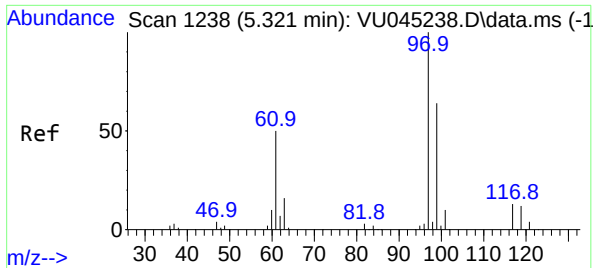
Tgt Ion: 96 Resp: 14870
Ion Ratio Lower Upper
96 100
61 140.7 100.2 186.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.763 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 83 Resp: 3604
Ion Ratio Lower Upper
83 100
85 89.2 45.6 84.6#

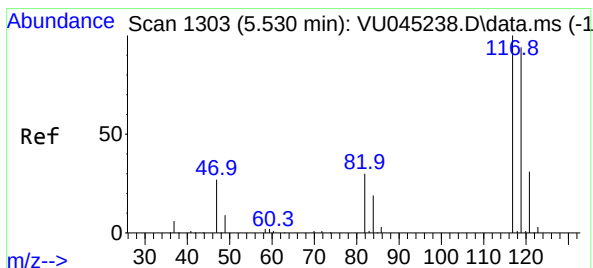
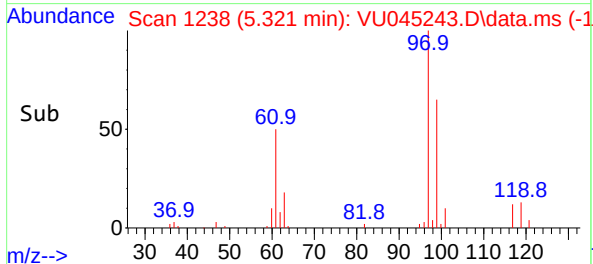
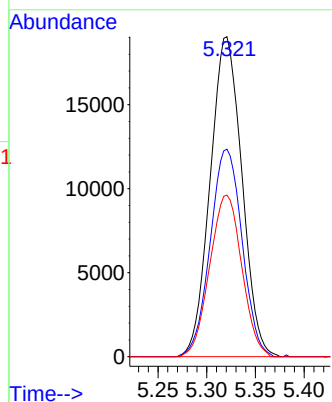
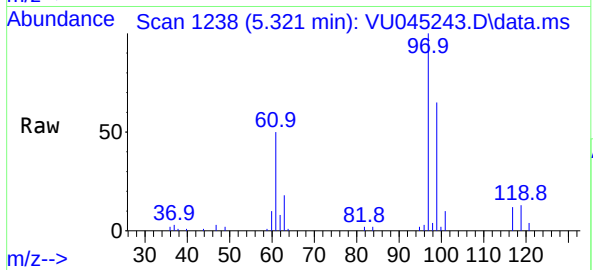




#30
1,1,1-Trichloroethane
Concen: 11.502 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

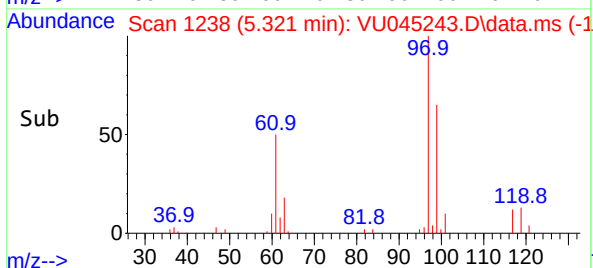
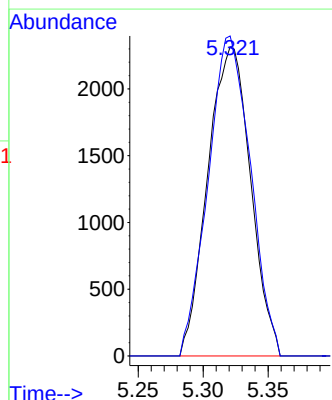
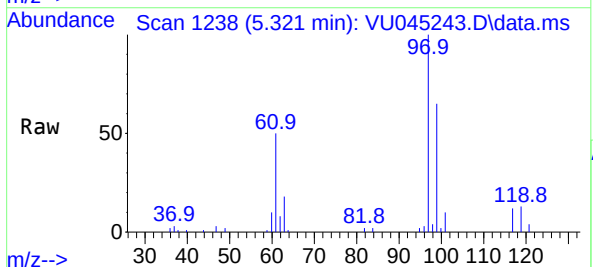
Instrument :
MSVOA_U
ClientSampled :

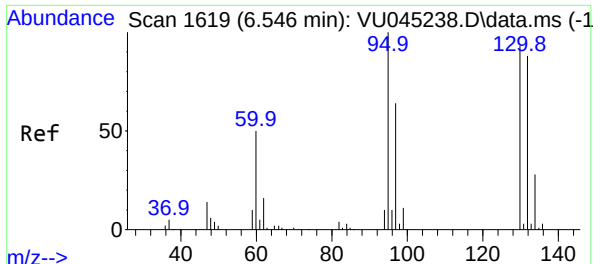
Tgt Ion:	97	Resp:	43100
Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.6	75.8
61	51.1	41.3	61.9



#31
Carbon tetrachloride
Concen: 1.792 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.209 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion:	117	Resp:	5303
Ion	Ratio	Lower	Upper
117	100		
119	102.1	77.7	116.5

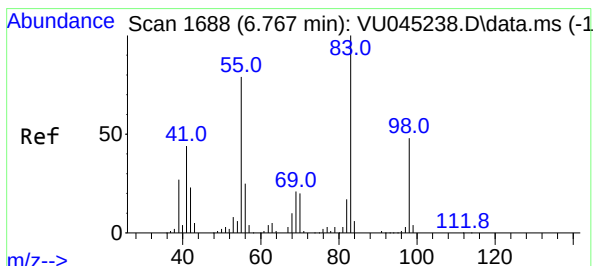
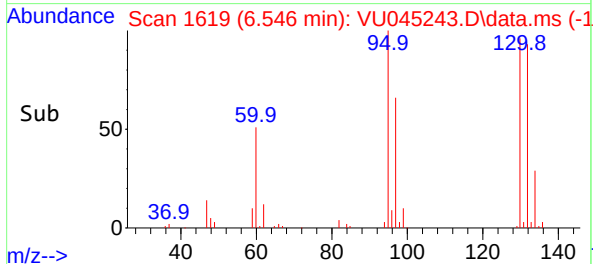
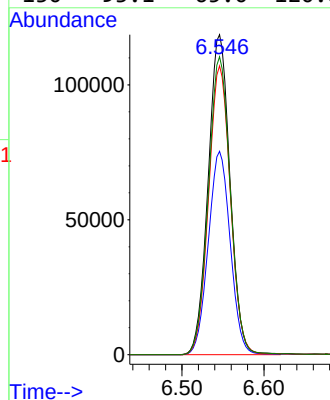
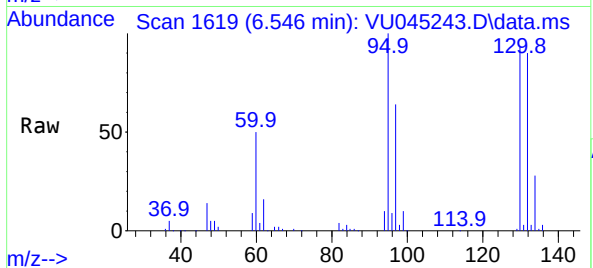




#34
Trichloroethene
Concen: 91.381 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

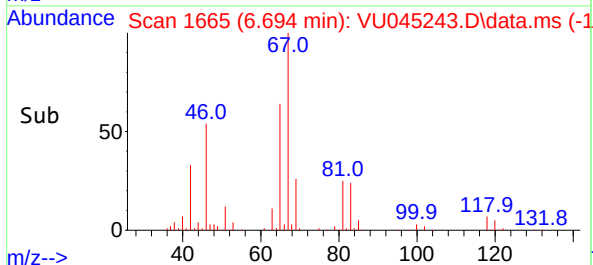
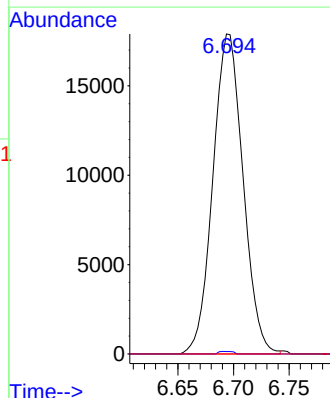
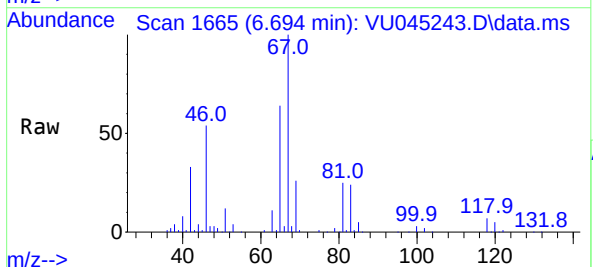
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MSVOA_U
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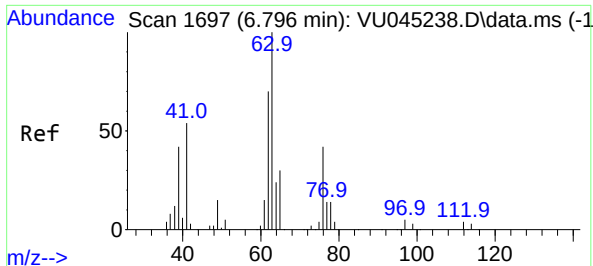
Tgt Ion: 95 Resp: 220360
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.4
132 90.2 62.9 116.9
130 93.1 65.0 120.8



#35
Methylcyclohexane
Concen: 8.348 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 83 Resp: 33704
Ion Ratio Lower Upper
83 100
55 0.4 65.8 98.6#
98 0.3 37.1 55.7#

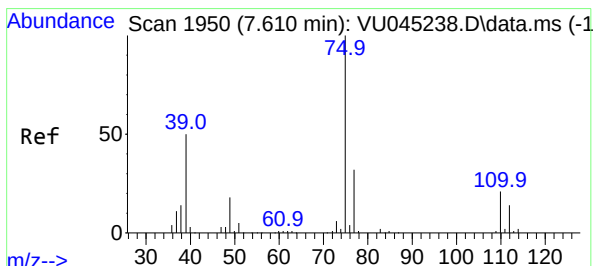
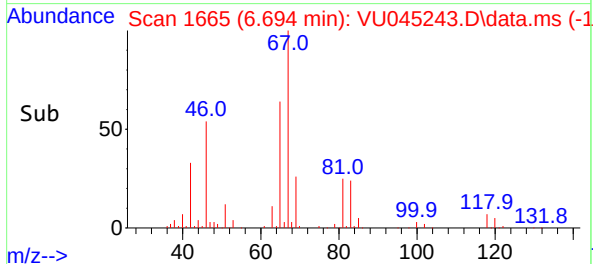
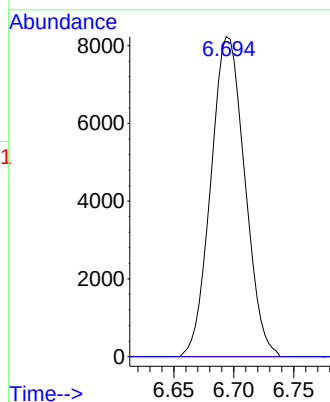
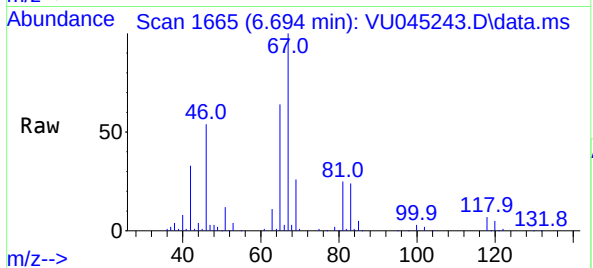




#37
1,2-Dichloropropane
Concen: 5.922 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

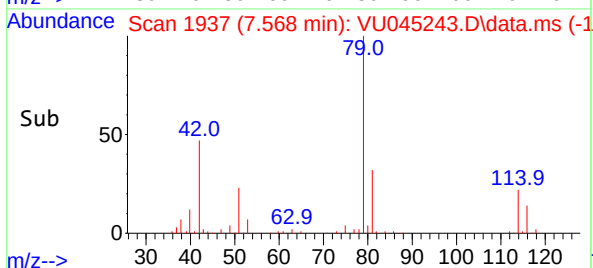
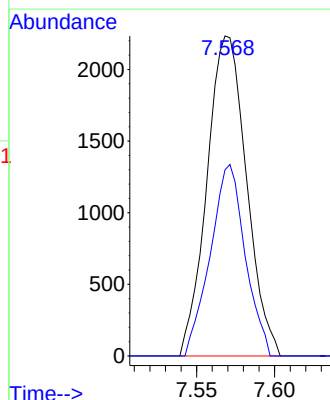
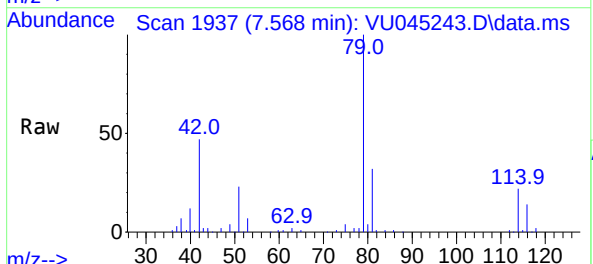
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MSVOA_U
ClientSampleId :

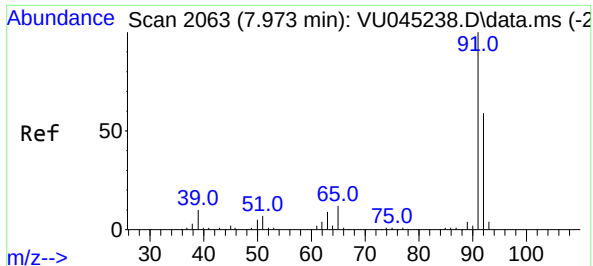
Tgt Ion: 63 Resp: 16189
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 1.007 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 75 Resp: 3940
Ion Ratio Lower Upper
75 100
77 58.1 22.4 41.6#





#42

Toluene

Concen: 0.658 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045243.D

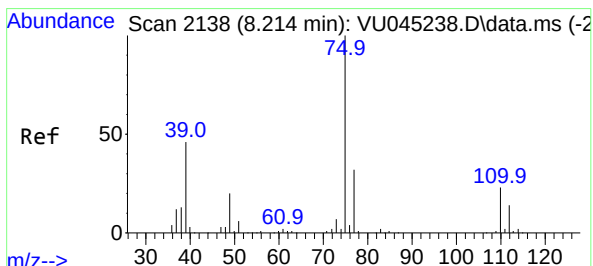
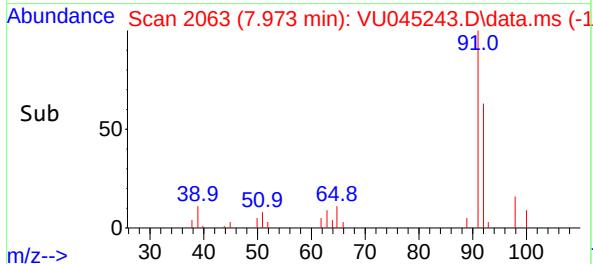
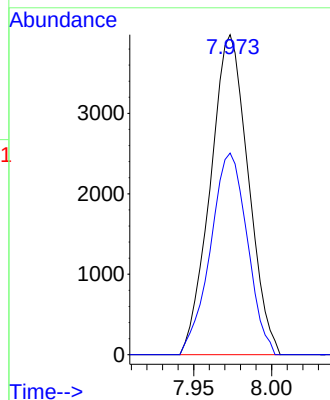
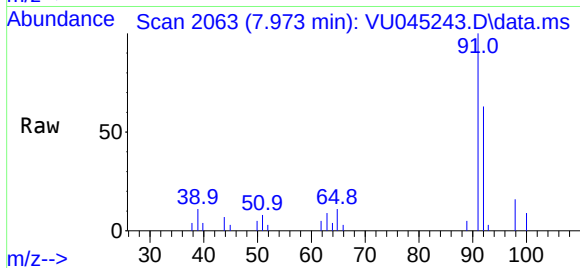
Acq: 08 Oct 2021 11:55

Tgt Ion: 91 Resp: 6712

Ion Ratio Lower Upper

91 100

92 63.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.784 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU045243.D

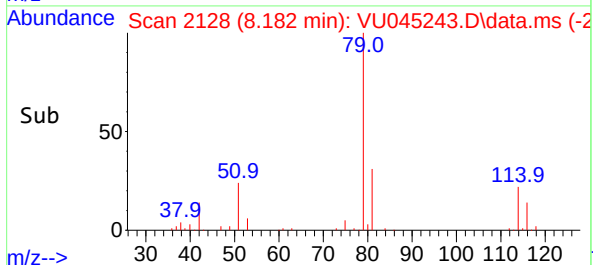
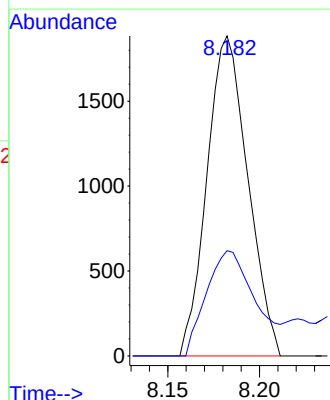
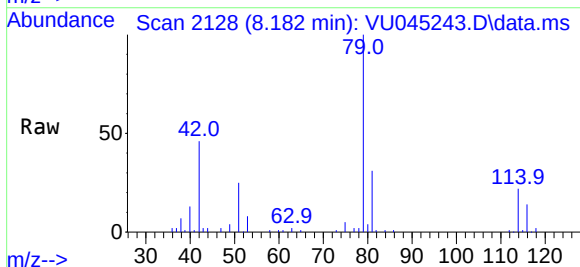
Acq: 08 Oct 2021 11:55

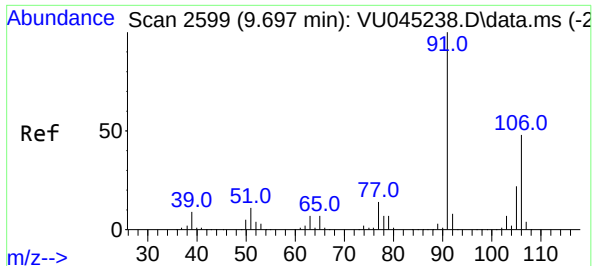
Tgt Ion: 75 Resp: 2916

Ion Ratio Lower Upper

75 100

77 32.9 21.7 40.3

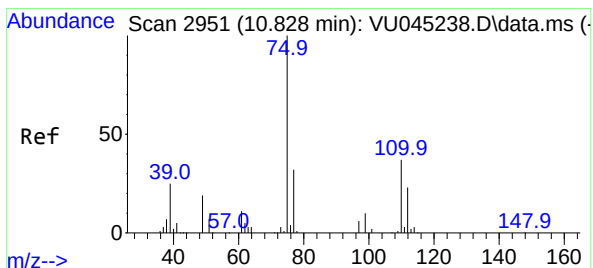
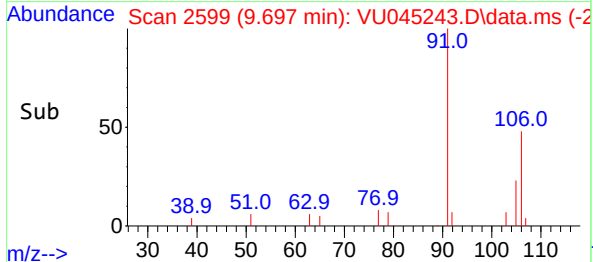
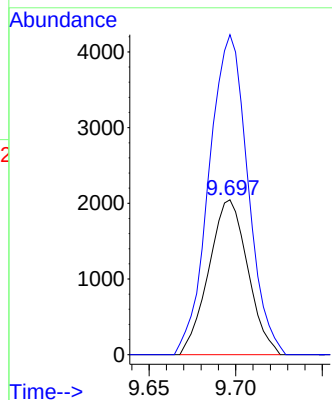
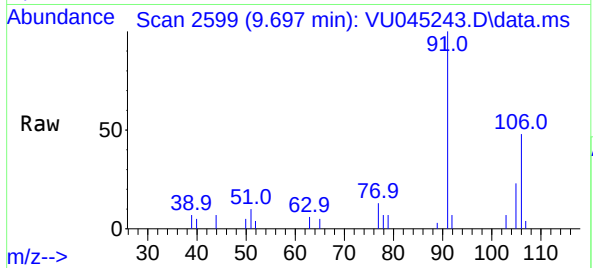




#53
m,p-Xylene
Concen: 0.785 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:106 Resp: 3203
Ion Ratio Lower Upper
106 100
91 191.0 146.7 272.4



#60
1,2,3-Trichloropropane
Concen: 4.843 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045243.D
Acq: 08 Oct 2021 11:55

Tgt Ion: 75 Resp: 15591
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 1.8 29.0 43.4#

