

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045149.D
 Acq On : 05 Oct 2021 16:57
 Operator : SY/MD
 Sample : M4025-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COALO

Quant Time: Oct 06 01:46:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

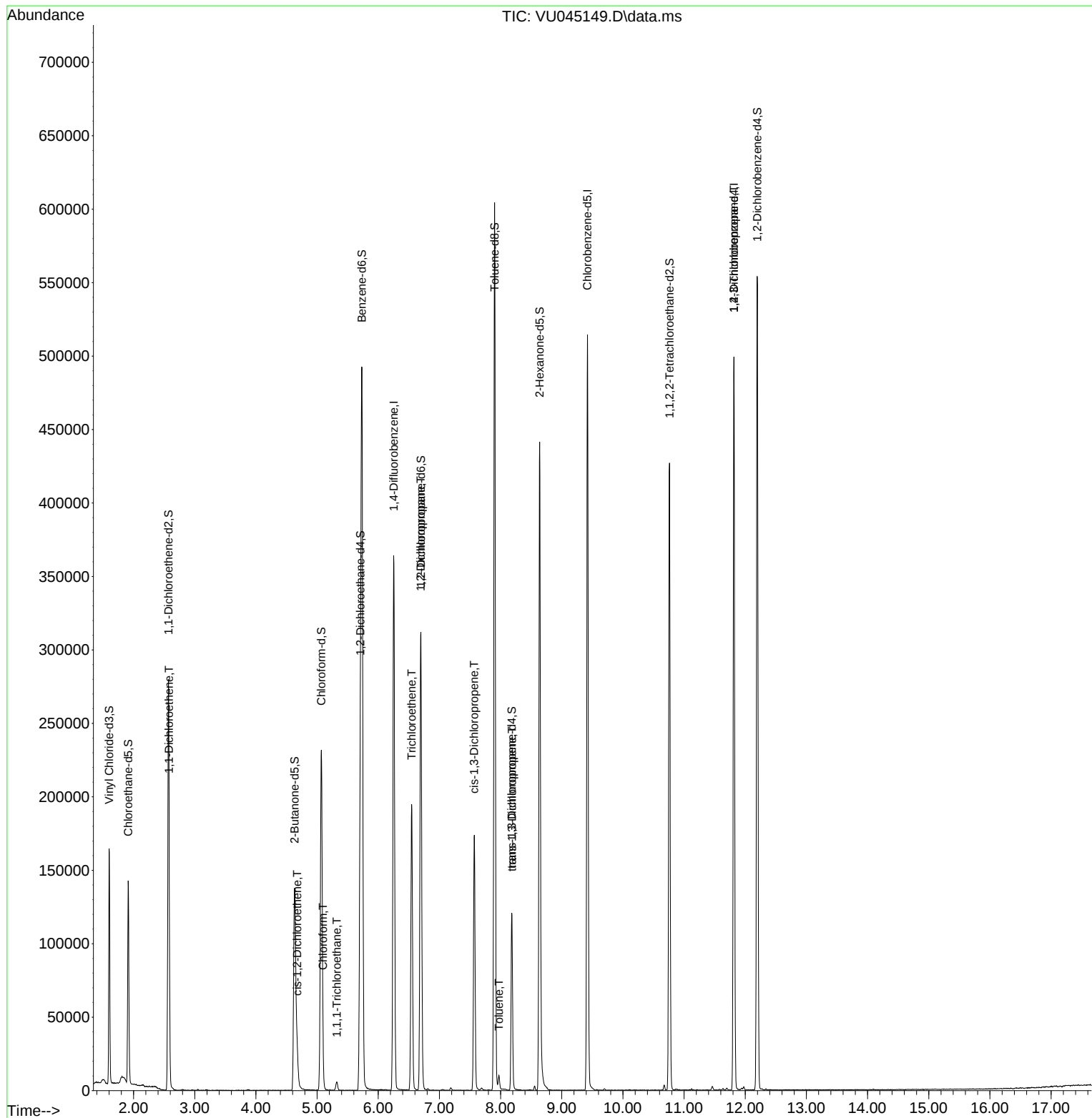
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	287230	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268952	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	121966	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114395	36.381	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.760%		
7) Chloroethane-d5	1.912	69	103732	41.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.260%		
11) 1,1-Dichloroethene-d2	2.571	63	165915	31.421	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.840%		
21) 2-Butanone-d5	4.632	46	225803	90.836	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.840%		
24) Chloroform-d	5.070	84	210287	42.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.680%		
26) 1,2-Dichloroethane-d4	5.706	65	151280	44.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.940%		
32) Benzene-d6	5.732	84	440248	47.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
36) 1,2-Dichloropropane-d6	6.697	67	140594	46.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.400%		
41) Toluene-d8	7.902	98	385696	47.890	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.780%		
43) trans-1,3-Dichloroprop...	8.182	79	66028	48.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.560%		
47) 2-Hexanone-d5	8.639	63	157970	93.675	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.680%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	209133	44.134	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.260%		
66) 1,2-Dichlorobenzene-d4	12.198	152	136019	51.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.480%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	4253	1.912	ug/L #	1
20) cis-1,2-Dichloroethene	4.674	96	7189	2.784	ug/L	83
25) Chloroform	5.095	83	5560	1.147	ug/L	97
30) 1,1,1-Trichloroethane	5.324	97	4234	1.137	ug/L	97
34) Trichloroethene	6.546	95	64462	26.904	ug/L	95
37) 1,2-Dichloropropane	6.694	63	16670	6.138	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4311	1.109	ug/L #	62
42) Toluene	7.973	91	6051	0.597	ug/L	94
44) trans-1,3-Dichloropropene	8.185	75	2927	0.792	ug/L	90
60) 1,2,3-Trichloropropane	11.815	75	16789	4.977	ug/L #	69

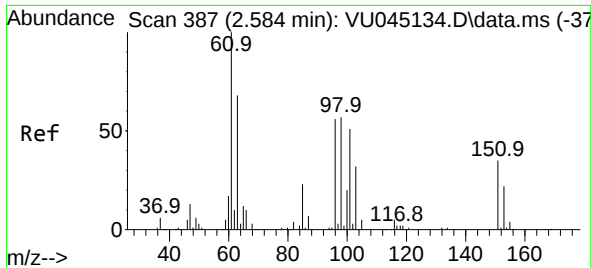
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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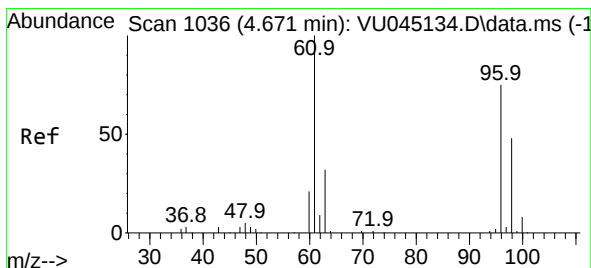
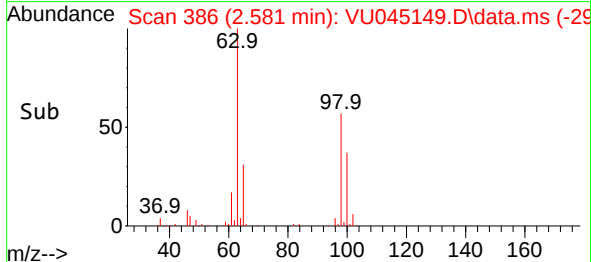
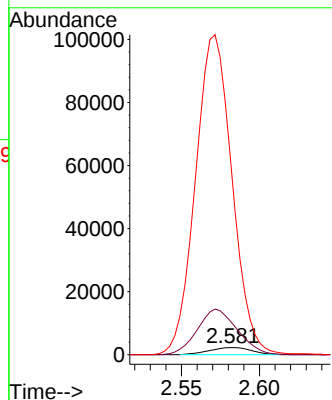
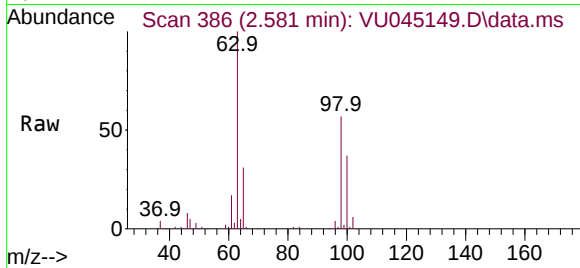




#12
1,1-Dichloroethene
Concen: 1.912 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

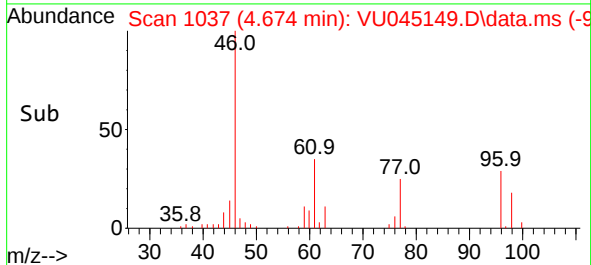
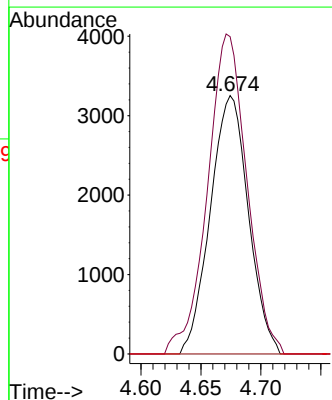
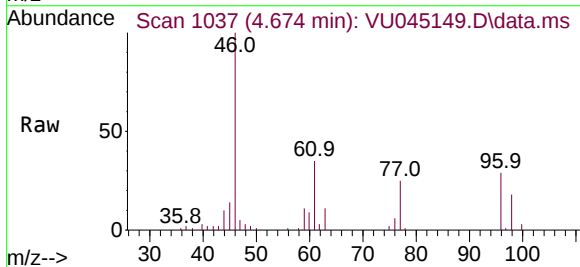
Instrument :
MSVOA_U
ClientSampleId :
C0AL0

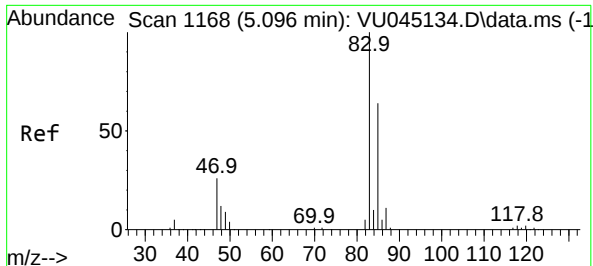
Tgt Ion: 96 Resp: 4253
Ion Ratio Lower Upper
96 100
61 473.4 131.3 243.9#
63 2806.9 102.5 190.3#



#20
cis-1,2-Dichloroethene
Concen: 2.784 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Tgt Ion: 96 Resp: 7189
Ion Ratio Lower Upper
96 100
61 122.7 100.2 186.0
68 0.0 0.0 0.0



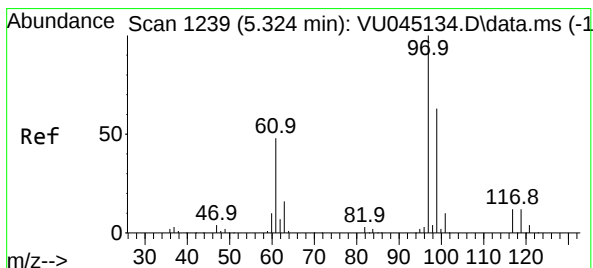
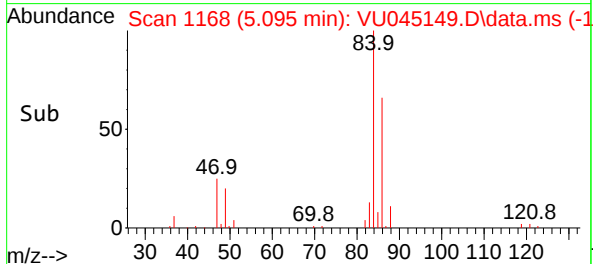
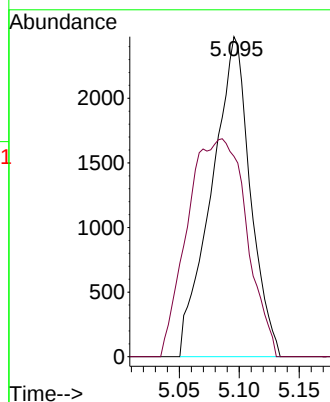
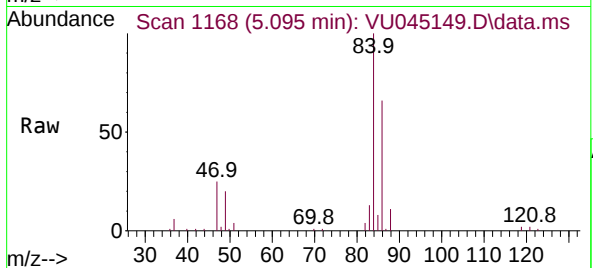


#25

Chloroform
Concen: 1.147 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Instrument :
MSVOA_U
ClientSampleId :
C0AL0

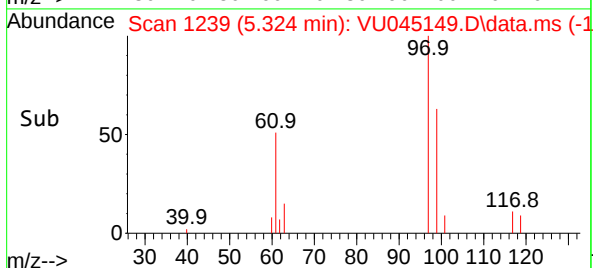
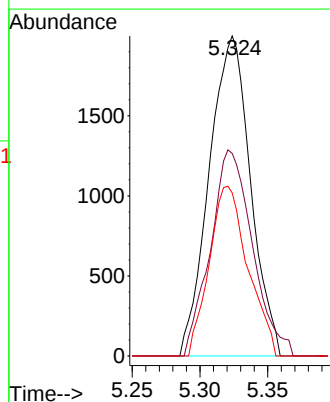
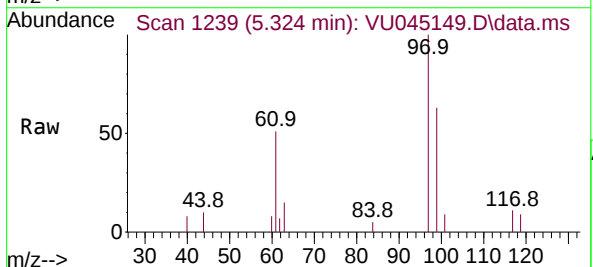
Tgt Ion: 83 Resp: 5560
Ion Ratio Lower Upper
83 100
85 62.6 45.6 84.6

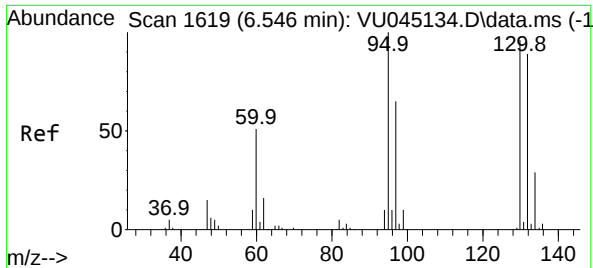


#30

1,1,1-Trichloroethane
Concen: 1.137 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Tgt Ion: 97 Resp: 4234
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 49.6 41.3 61.9





#34

Trichloroethene

Concen: 26.904 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045149.D

Acq: 05 Oct 2021 16:57

Tgt Ion: 95 Resp: 64462

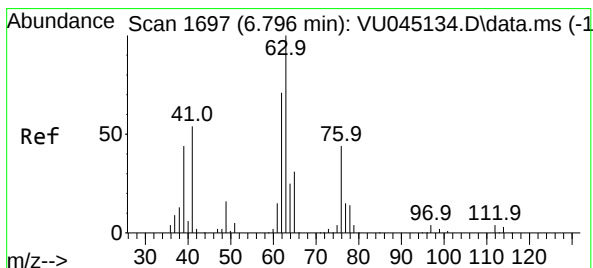
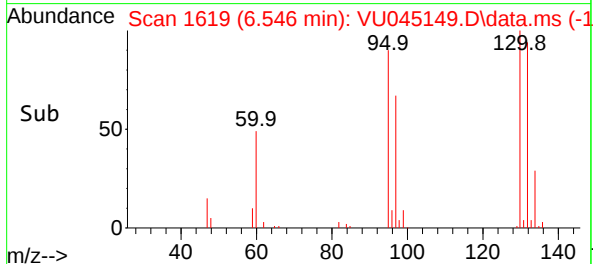
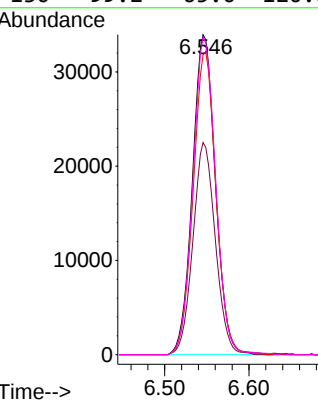
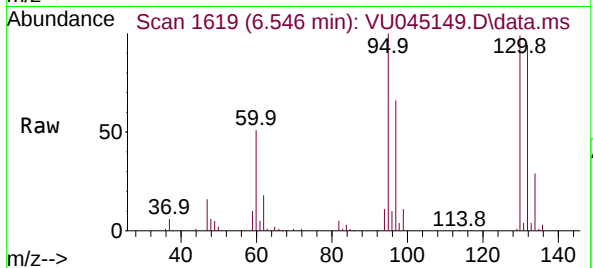
Ion Ratio Lower Upper

95 100

97 66.3 44.4 82.4

132 93.7 62.9 116.9

130 99.2 65.0 120.8



#37

1,2-Dichloropropane

Concen: 6.138 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU045149.D

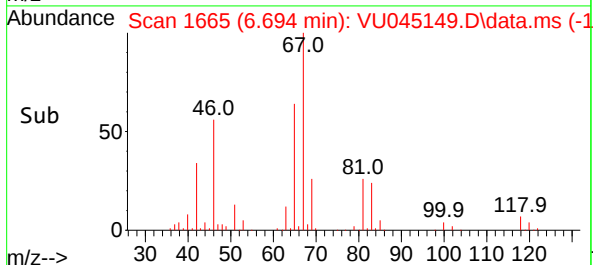
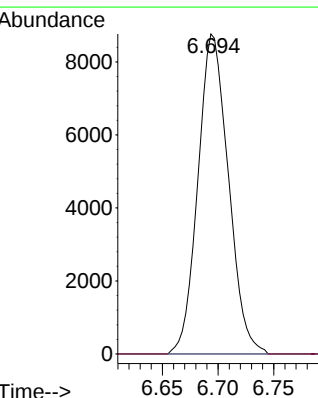
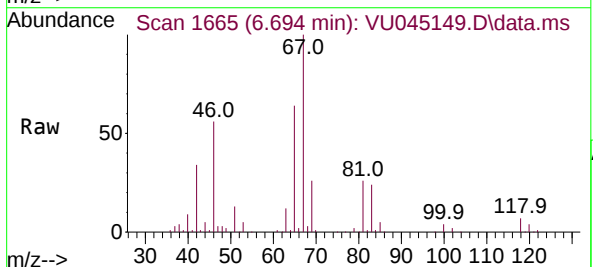
Acq: 05 Oct 2021 16:57

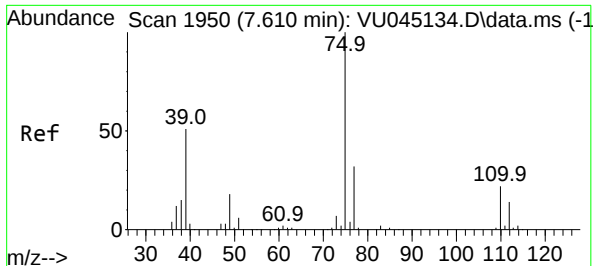
Tgt Ion: 63 Resp: 16670

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



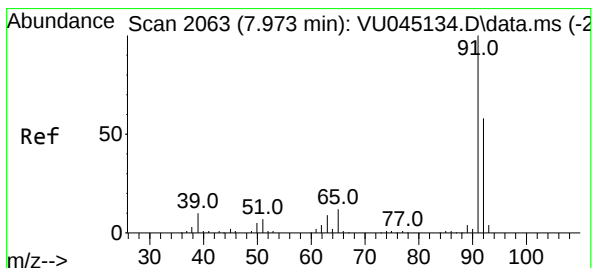
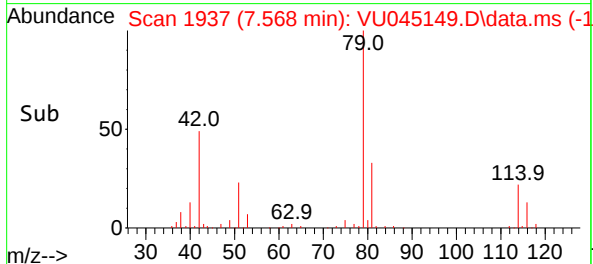
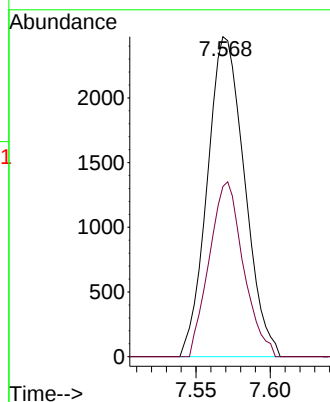
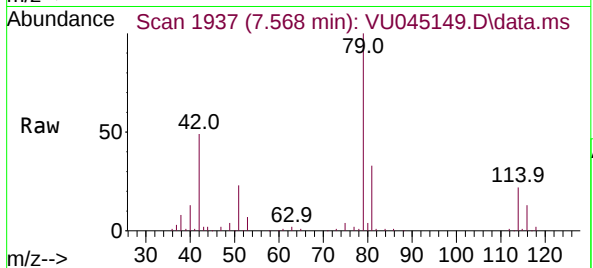


#39

cis-1,3-Dichloropropene
Concen: 1.109 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Instrument :
MSVOA_U
ClientSampled :
C0AL0

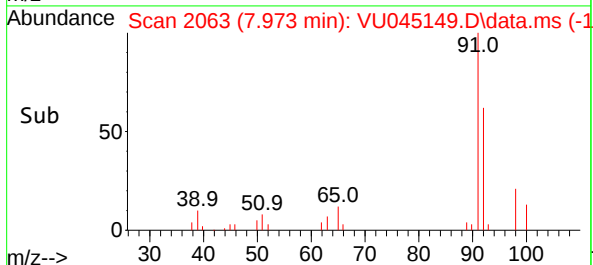
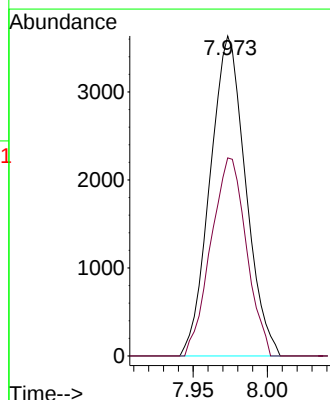
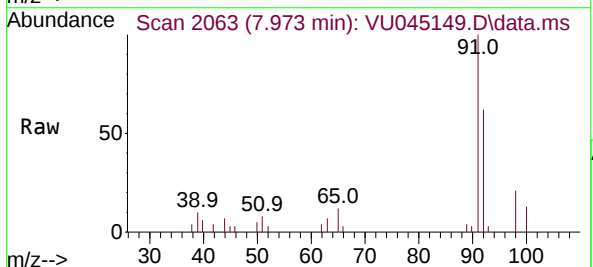
Tgt Ion: 75 Resp: 4311
Ion Ratio Lower Upper
75 100
77 53.2 22.4 41.6#

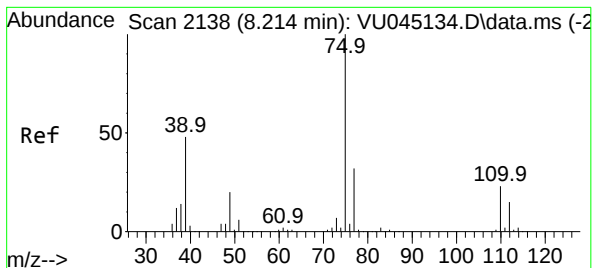


#42

Toluene
Concen: 0.597 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Tgt Ion: 91 Resp: 6051
Ion Ratio Lower Upper
91 100
92 61.9 40.5 75.1



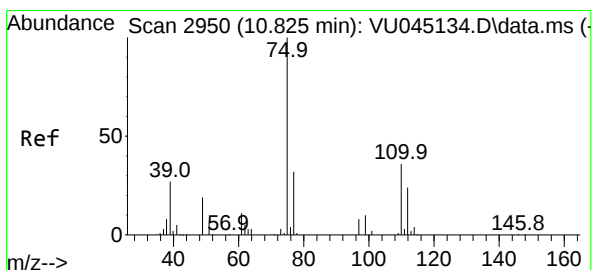
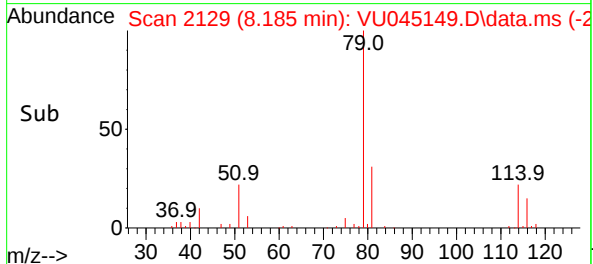
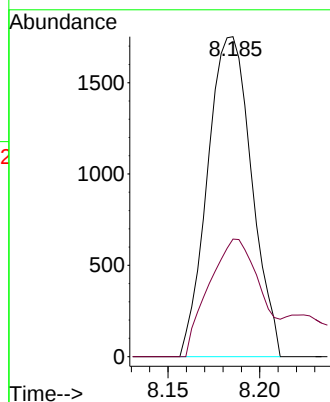
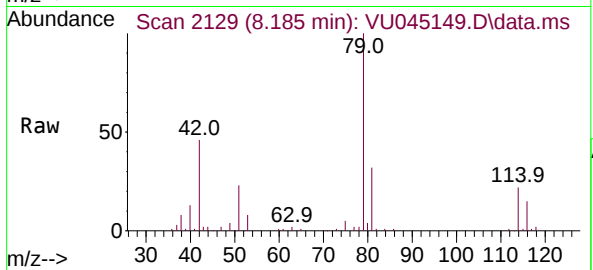


#44

trans-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Instrument :
MSVOA_U
ClientSampled :
COAL0

Tgt Ion: 75 Resp: 2927
Ion Ratio Lower Upper
75 100
77 36.8 21.7 40.3



#60

1,2,3-Trichloropropane
Concen: 4.977 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU045149.D
Acq: 05 Oct 2021 16:57

Tgt Ion: 75 Resp: 16789
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
110 2.3 29.0 43.4#

