

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045157.D
 Acq On : 05 Oct 2021 20:03
 Operator : SY/MD
 Sample : M4023-02 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH7

Quant Time: Oct 06 01:48:07 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)

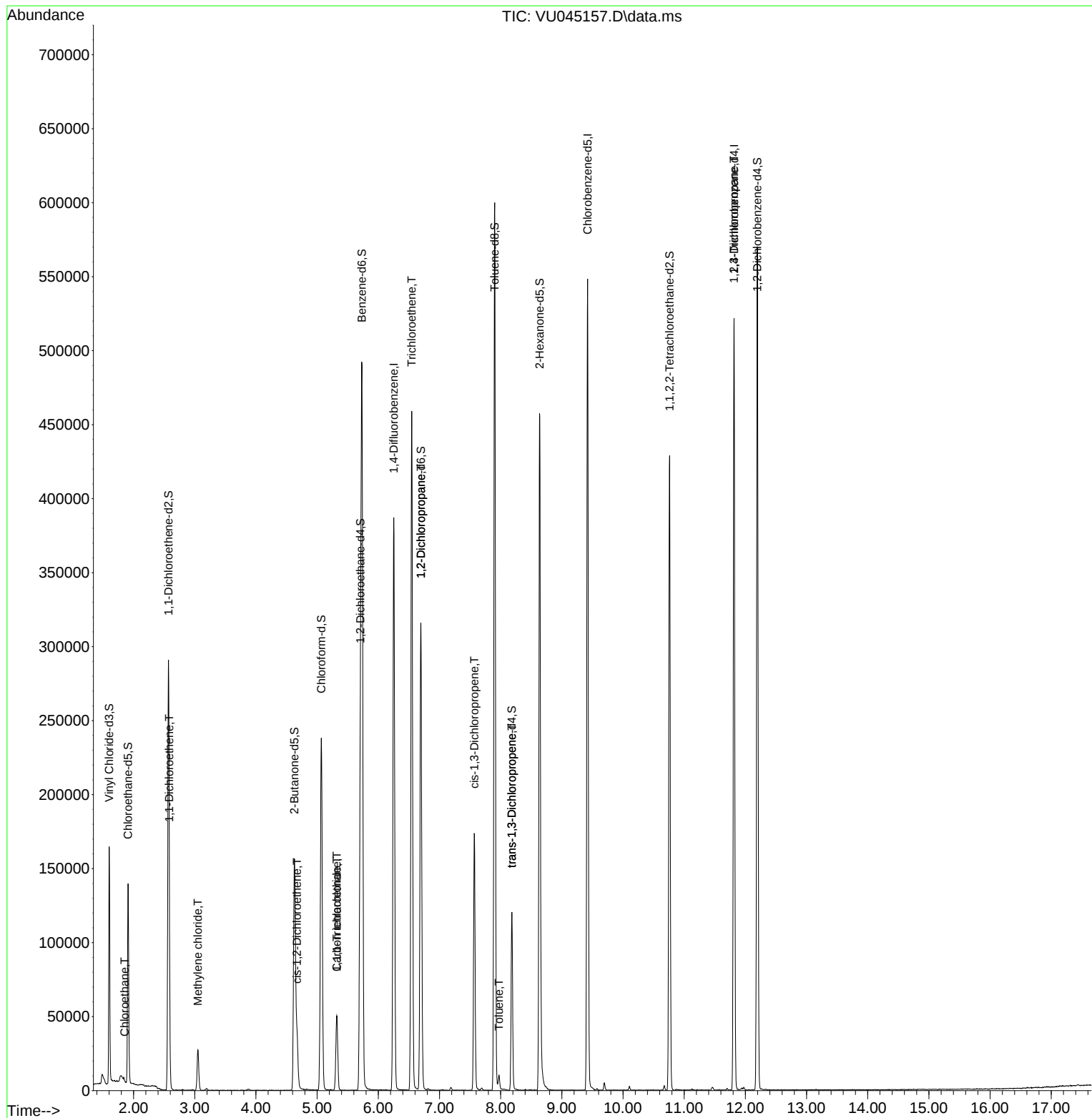
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	301528	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	285207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	129429	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113337	34.336	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.680%		
7) Chloroethane-d5	1.909	69	102070	39.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.040%		
11) 1,1-Dichloroethene-d2	2.572	63	170417	30.743	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.480%		
21) 2-Butanone-d5	4.629	46	232193	88.978	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.980%		
24) Chloroform-d	5.070	84	215714	41.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.760%		
26) 1,2-Dichloroethane-d4	5.706	65	154062	43.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
32) Benzene-d6	5.732	84	443129	44.776	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	6.697	67	143553	44.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.980%		
41) Toluene-d8	7.902	98	382926	44.836	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.680%		
43) trans-1,3-Dichloroprop...	8.182	79	64716	45.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.160%		
47) 2-Hexanone-d5	8.636	63	160689	89.857	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.860%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	212894	42.367	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.740%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138981	49.341	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.680%		
Target Compounds						Qvalue
8) Chloroethane	1.855	64	1515	0.685	ug/L #	53
12) 1,1-Dichloroethene	2.584	96	11732	5.024	ug/L #	1
16) Methylene chloride	3.051	84	12777	4.319	ug/L	95
20) cis-1,2-Dichloroethene	4.671	96	13821	5.099	ug/L	90
30) 1,1,1-Trichloroethane	5.321	97	35226	8.922	ug/L	98
31) Carbon tetrachloride	5.321	117	4309	1.382	ug/L	98
34) Trichloroethene	6.546	95	154958	60.988	ug/L	99
37) 1,2-Dichloropropane	6.697	63	16755	5.817	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4215	1.023	ug/L #	63
42) Toluene	7.973	91	6431	0.598	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2957	0.755	ug/L	87
60) 1,2,3-Trichloropropane	11.812	75	17378	4.854	ug/L #	67

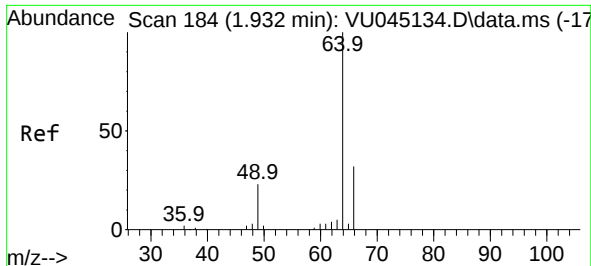
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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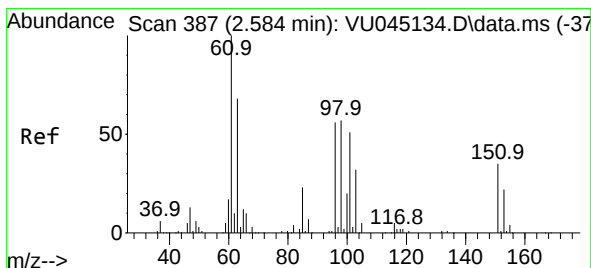
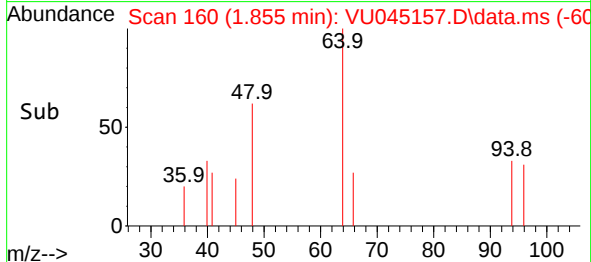
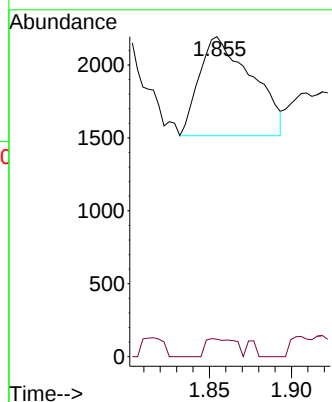
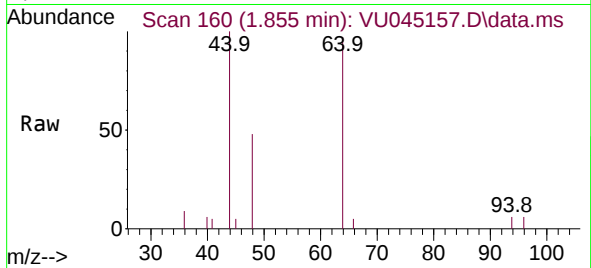




#8
Chloroethane
Concen: 0.685 ug/L
RT: 1.855 min Scan# 160
Delta R.T. -0.077 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

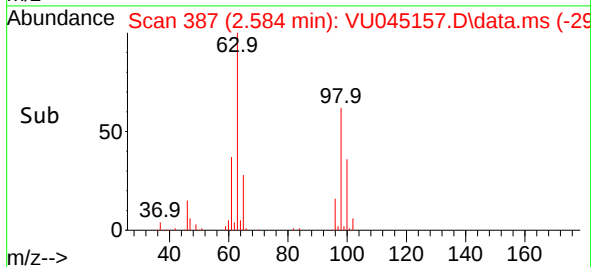
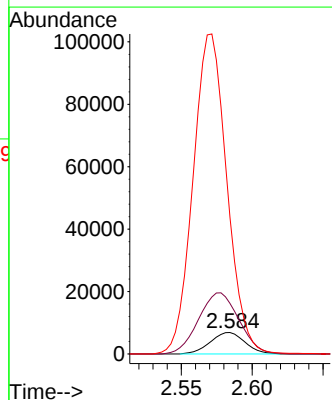
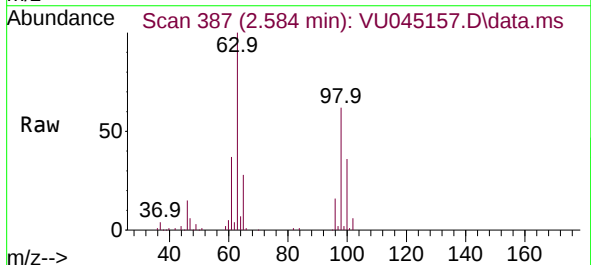
Instrument :
MSVOA_U
ClientSampleId :
C0AH7

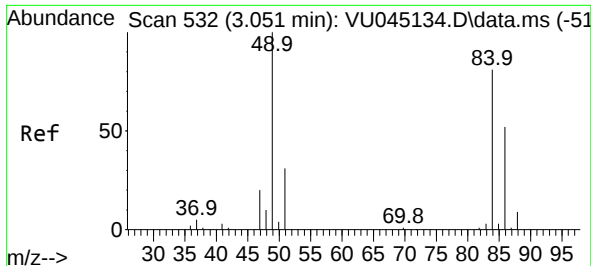
Tgt Ion: 64 Resp: 1515
Ion Ratio Lower Upper
64 100
66 5.4 22.3 41.3#



#12
1,1-Dichloroethene
Concen: 5.024 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion: 96 Resp: 11732
Ion Ratio Lower Upper
96 100
61 235.2 131.3 243.9
63 635.9 102.5 190.3#

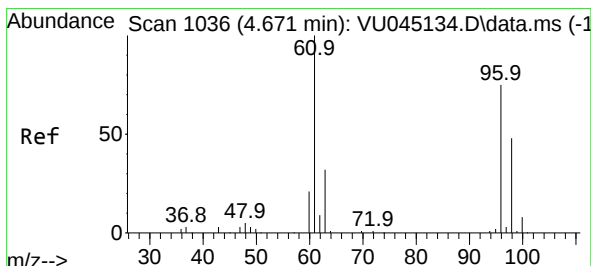
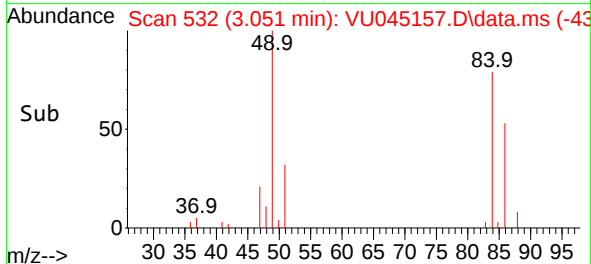
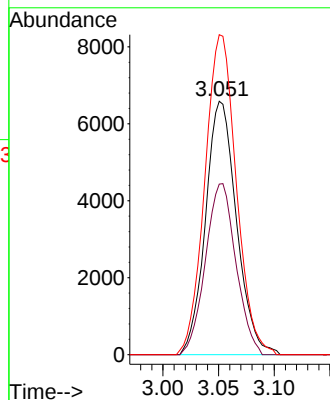
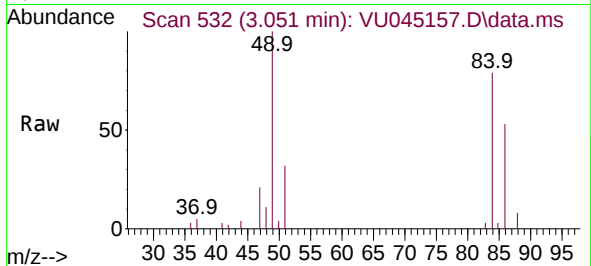




#16
Methylene chloride
Concen: 4.319 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

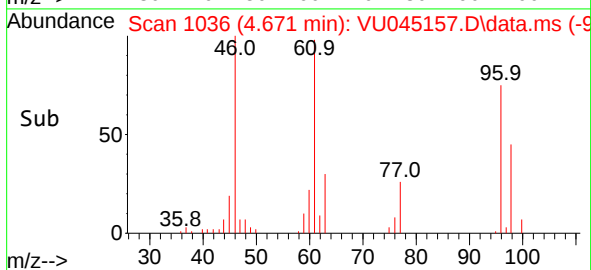
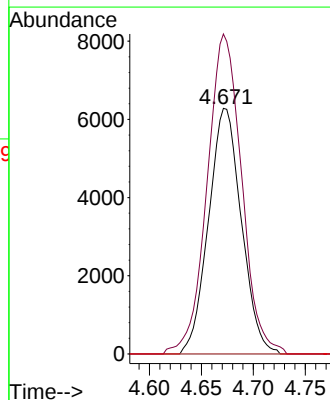
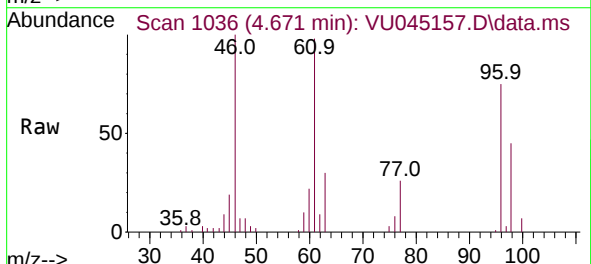
Instrument :
MSVOA_U
ClientSampleId :
C0AH7

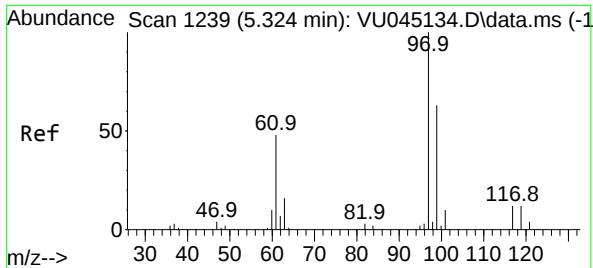
Tgt Ion:	84	Resp:	12777
Ion	Ratio	Lower	Upper
84	100		
86	67.3	44.7	83.1
49	126.3	92.9	172.5



#20
cis-1,2-Dichloroethene
Concen: 5.099 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion:	96	Resp:	13821
Ion	Ratio	Lower	Upper
96	100		
61	130.3	100.2	186.0
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 8.922 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU045157.D

Acq: 05 Oct 2021 20:03

Tgt Ion: 97 Resp: 35226

Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

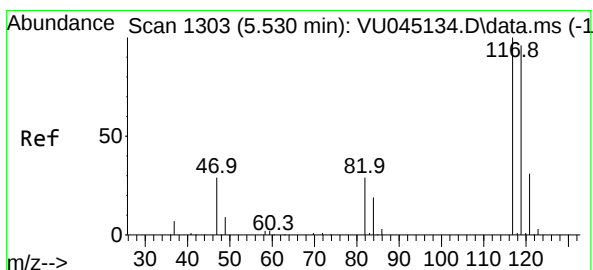
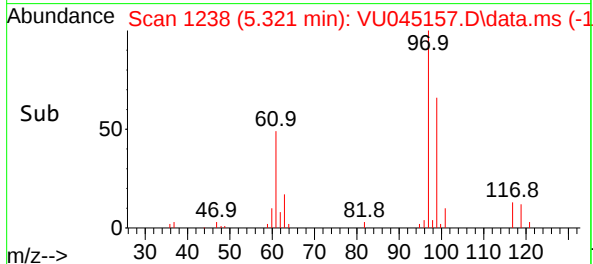
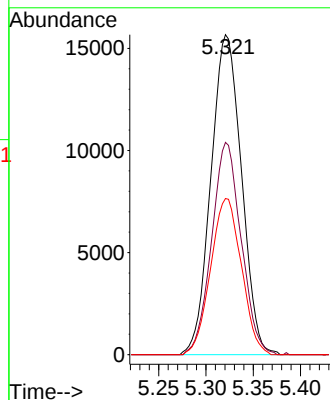
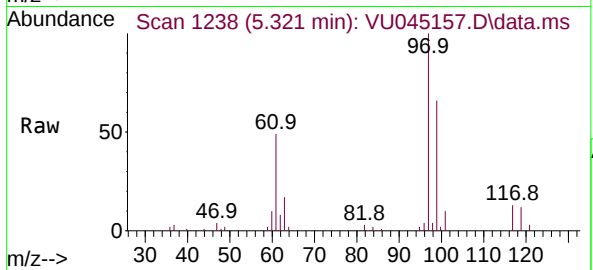
61 49.2 41.3 61.9

Instrument :

MSVOA_U

ClientSampleId :

C0AH7



#31

Carbon tetrachloride

Concen: 1.382 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU045157.D

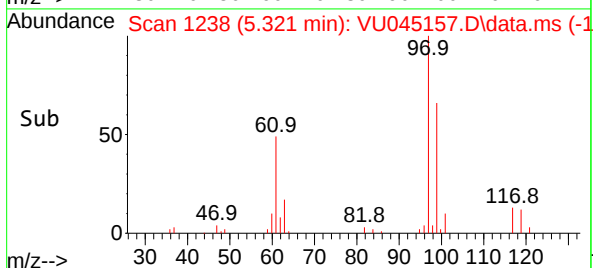
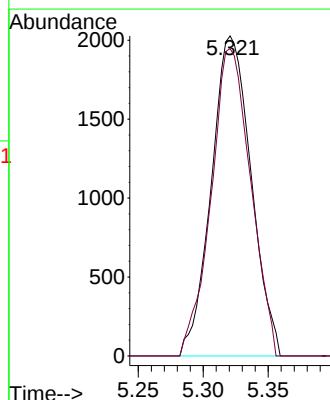
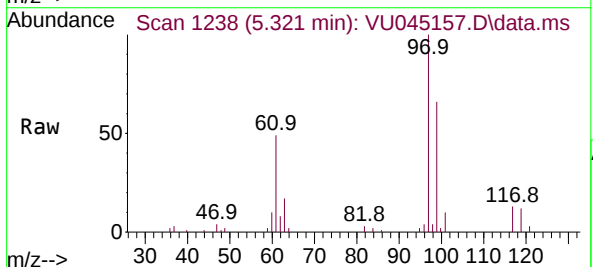
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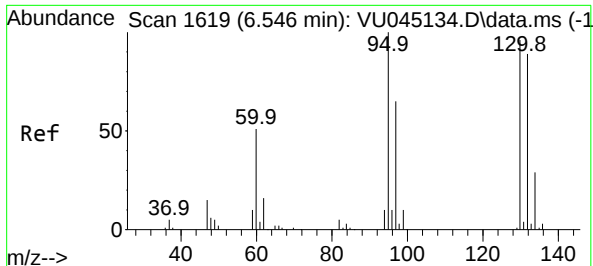
Tgt Ion: 117 Resp: 4309

Ion Ratio Lower Upper

117 100

119 95.5 77.7 116.5

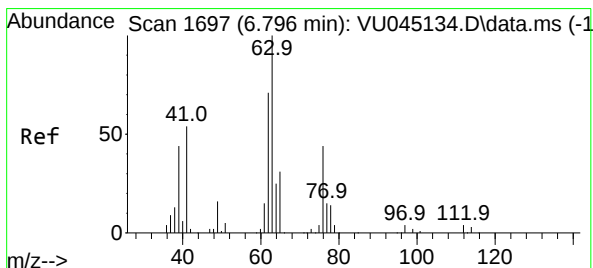
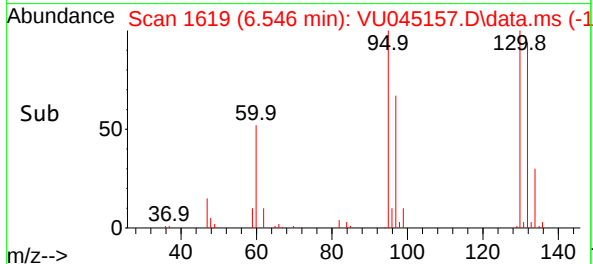
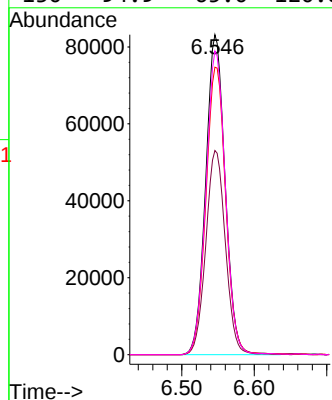
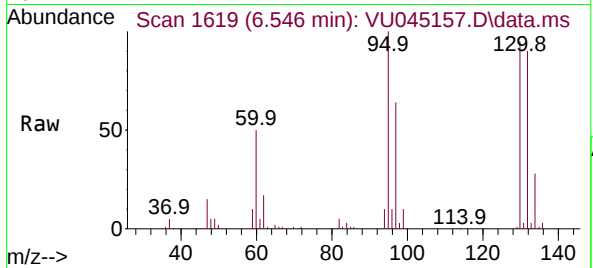




#34
Trichloroethene
Concen: 60.988 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

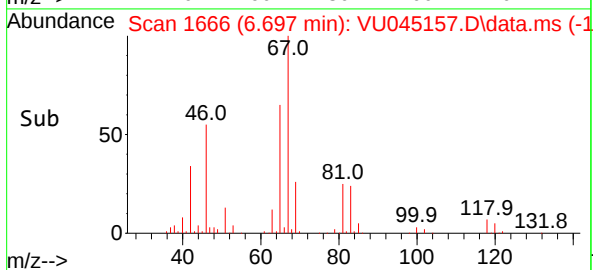
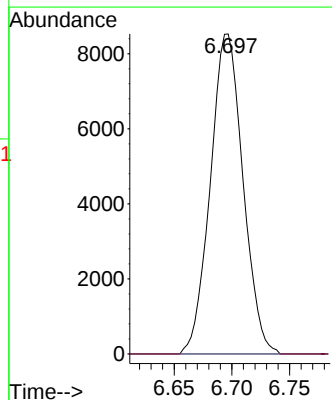
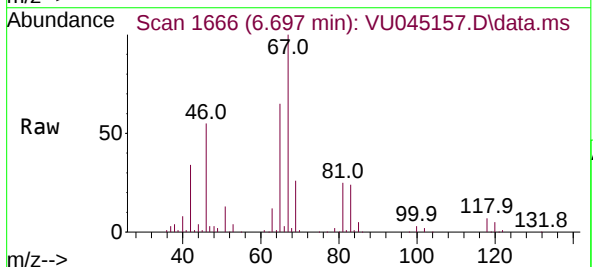
Instrument :
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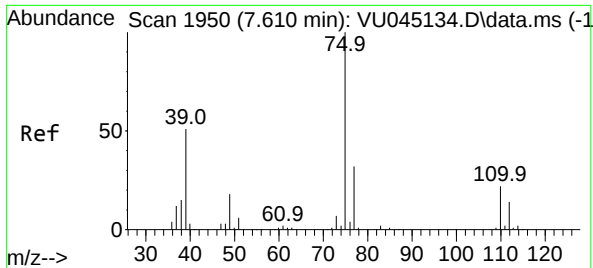
Tgt Ion: 95 Resp: 154958
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.4
132 89.8 62.9 116.9
130 94.9 65.0 120.8



#37
1,2-Dichloropropane
Concen: 5.817 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion: 63 Resp: 16755
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



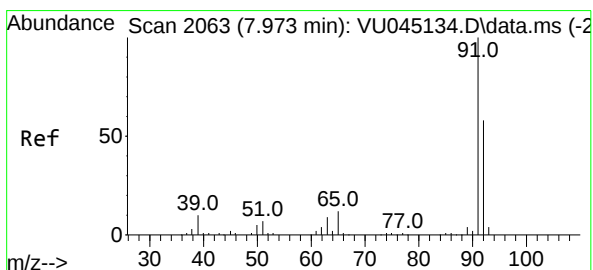
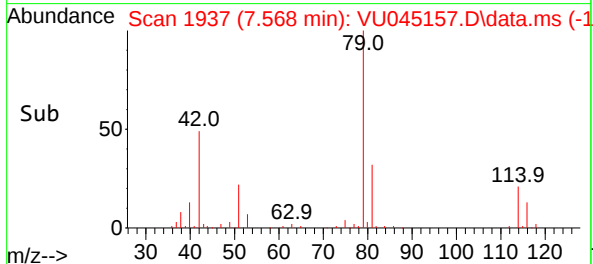
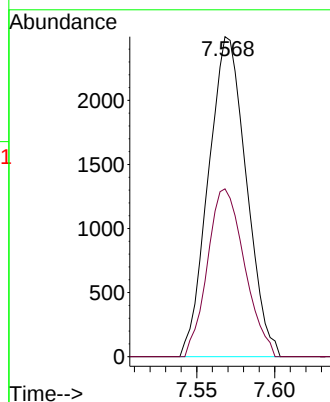
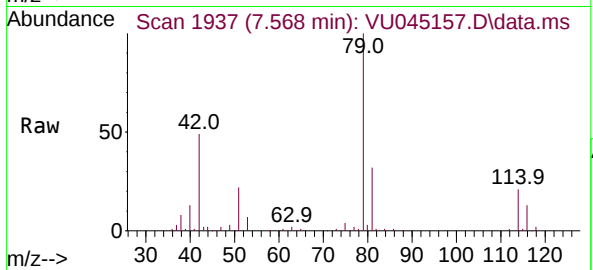


#39

cis-1,3-Dichloropropene
 Concen: 1.023 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.042 min
 Lab File: VU045157.D
 Acq: 05 Oct 2021 20:03

Instrument :
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 ClientSampleId :
 C0AH7

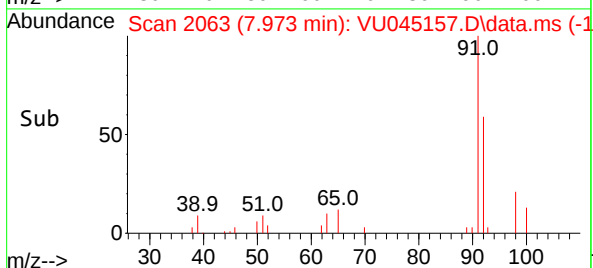
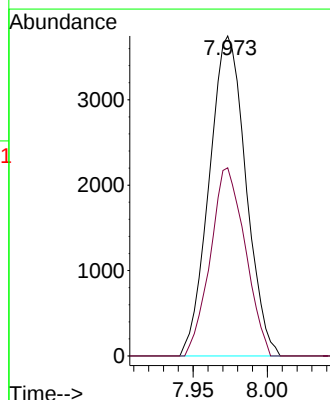
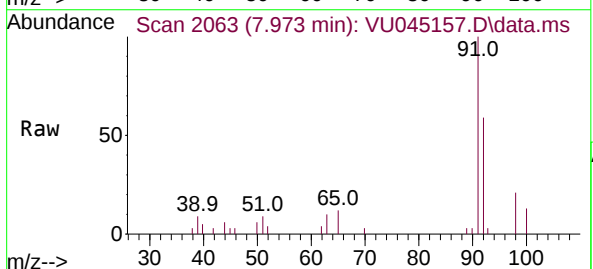
Tgt Ion: 75 Resp: 4215
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.4 41.6#

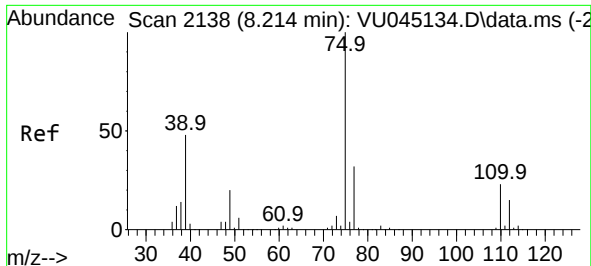


#42

Toluene
 Concen: 0.598 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VU045157.D
 Acq: 05 Oct 2021 20:03

Tgt Ion: 91 Resp: 6431
 Ion Ratio Lower Upper
 91 100
 92 61.5 40.5 75.1

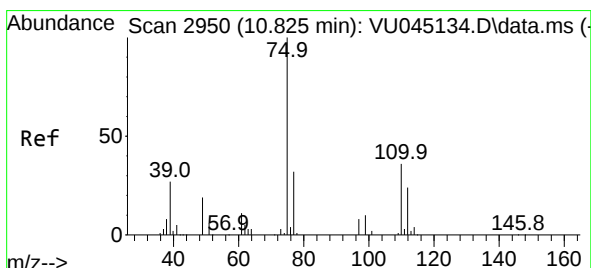
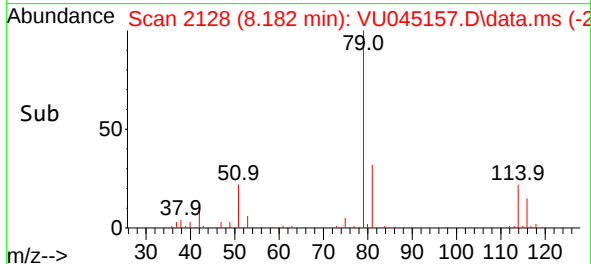
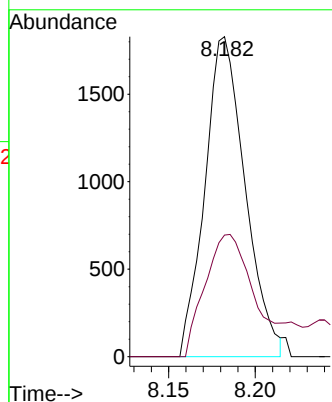
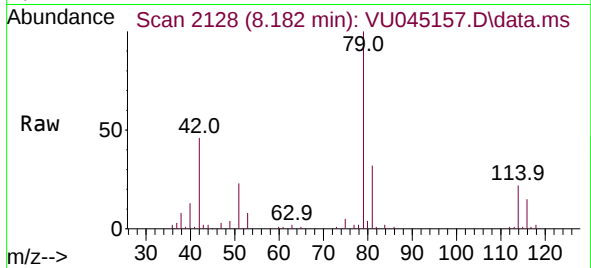




#44
trans-1,3-Dichloropropene
Concen: 0.755 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Instrument :
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Tgt Ion: 75 Resp: 2957
Ion Ratio Lower Upper
75 100
77 38.0 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.854 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045157.D
Acq: 05 Oct 2021 20:03

Tgt Ion: 75 Resp: 17378
Ion Ratio Lower Upper
75 100
77 34.0 25.5 38.3
110 1.7 29.0 43.4#

