

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045161.D
 Acq On : 05 Oct 2021 22:00
 Operator : SY/MD
 Sample : M4023-11 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK0

Quant Time: Oct 06 04:37:51 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)

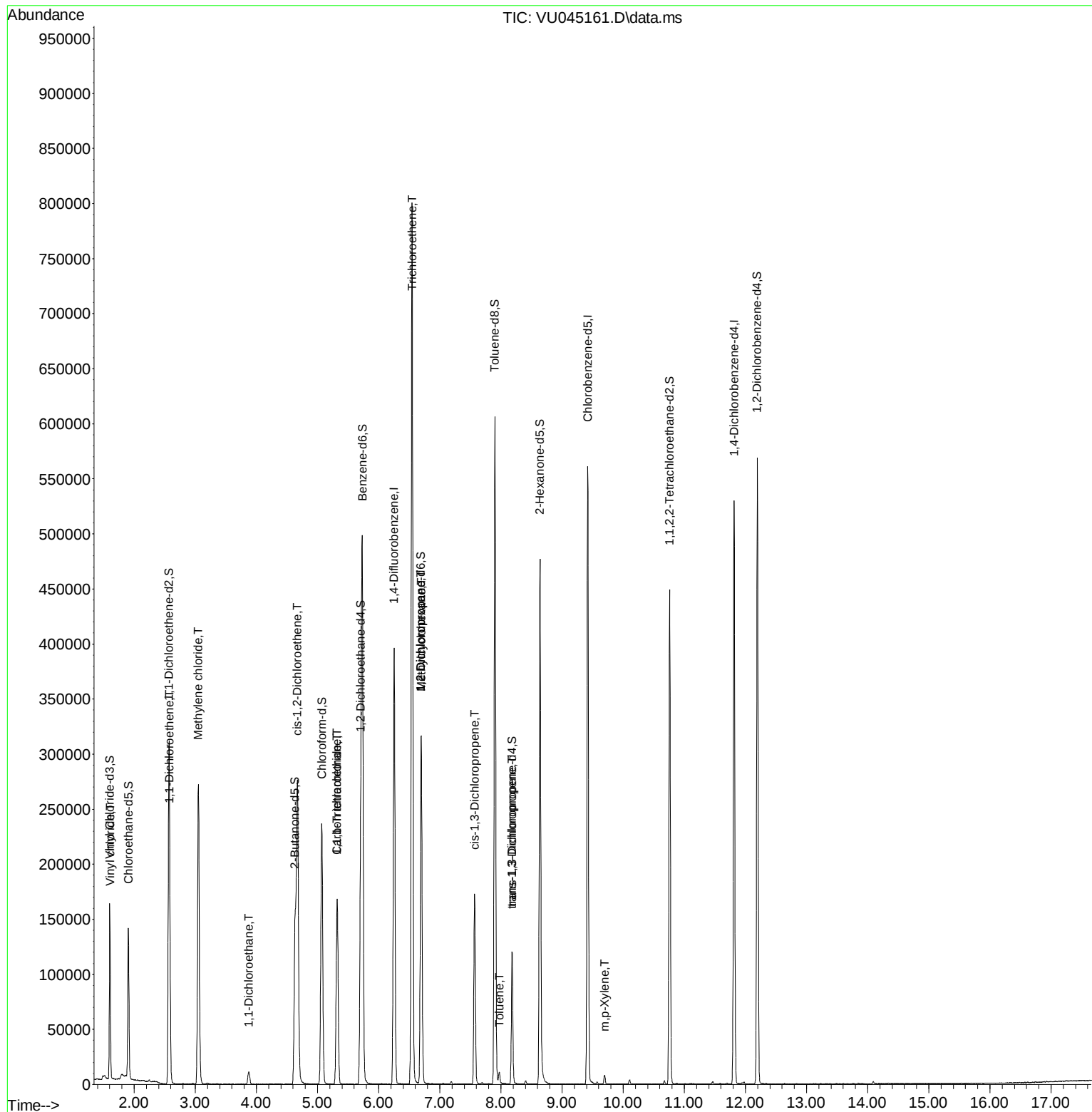
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	307607	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	291243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	130335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113916	33.829	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	67.660%	
7) Chloroethane-d5	1.906	69	106036	39.737	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	79.480%	
11) 1,1-Dichloroethene-d2	2.568	63	178539	31.572	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	63.140%	
21) 2-Butanone-d5	4.632	46	238774	89.691	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	89.690%	
24) Chloroform-d	5.070	84	217329	40.863	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.720%	
26) 1,2-Dichloroethane-d4	5.706	65	154195	42.802	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.600%	
32) Benzene-d6	5.732	84	443408	43.876	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.760%	
36) 1,2-Dichloropropane-d6	6.693	67	144468	43.841	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	87.680%	
41) Toluene-d8	7.902	98	392343	44.987	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.980%	
43) trans-1,3-Dichloroprop...	8.182	79	64715	44.150	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.300%	
47) 2-Hexanone-d5	8.639	63	166849	91.368	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	91.370%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	218749	42.630	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	85.260%	
66) 1,2-Dichlorobenzene-d4	12.195	152	137617	48.517	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.040%	
Target Compounds			Qvalue			
5) Vinyl chloride	1.607	62	3106	0.864	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	24478	10.276	ug/L #	9
16) Methylene chloride	3.051	84	131000	43.409	ug/L	95
19) 1,1-Dichloroethane	3.874	63	13436	2.574	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	129225	46.735	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	118541	29.403	ug/L	98
31) Carbon tetrachloride	5.321	117	14708	4.619	ug/L	100
34) Trichloroethene	6.546	95	269912	104.030	ug/L	98
35) Methylcyclohexane	6.697	83	34124	7.856	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	16248	5.525	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	4068	0.967	ug/L #	52
42) Toluene	7.973	91	7280	0.663	ug/L	100
44) trans-1,3-Dichloropropene	8.185	75	3041	0.760	ug/L #	81
53) m,p-Xylene	9.697	106	2410	0.549	ug/L	81

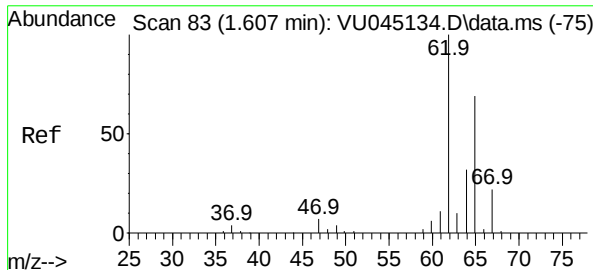
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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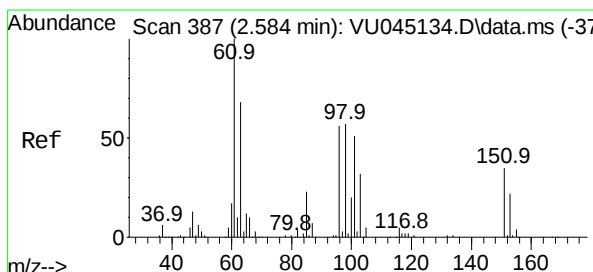
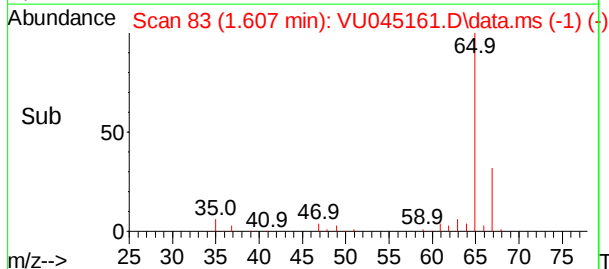
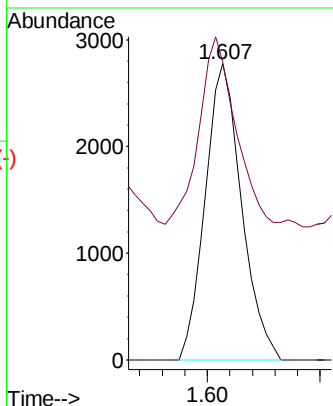
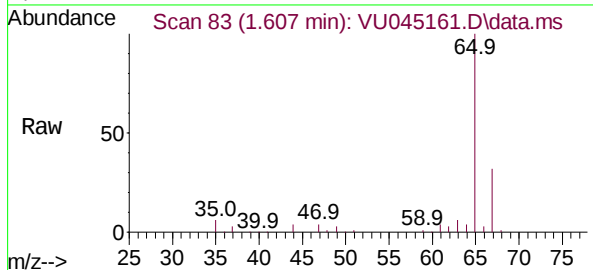




Vinyl chloride
 Concen: 0.864 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045161.D
 Acq: 05 Oct 2021 22:00

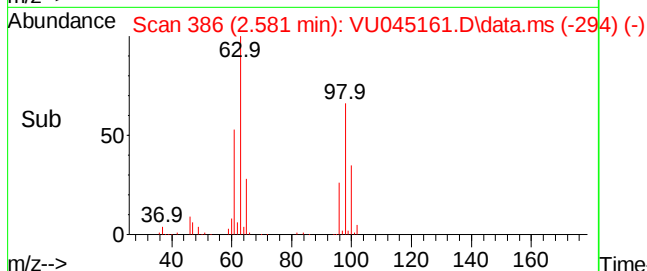
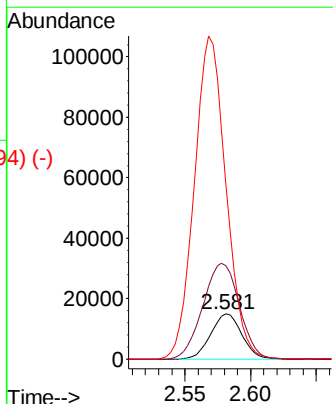
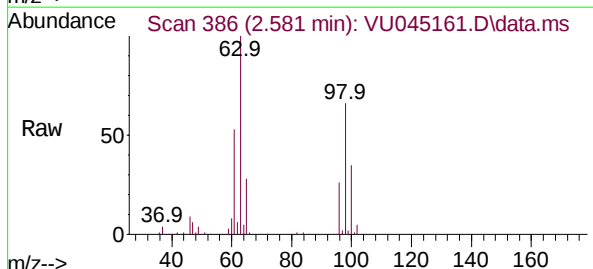
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK0

Tgt Ion: 62 Resp: 3106
 Ion Ratio Lower Upper
 62 100
 64 100.6 23.4 43.6#



1,1-Dichloroethene
 Concen: 10.276 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU045161.D
 Acq: 05 Oct 2021 22:00

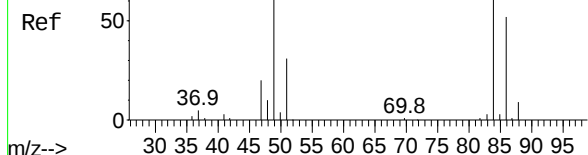
Tgt Ion: 96 Resp: 24478
 Ion Ratio Lower Upper
 96 100
 61 205.7 131.3 243.9
 63 385.2 102.5 190.3#



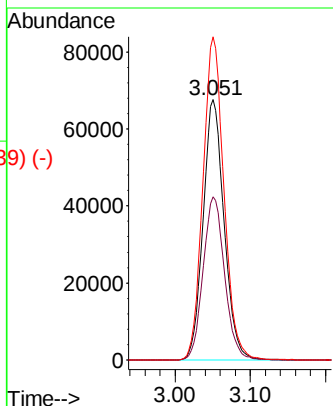
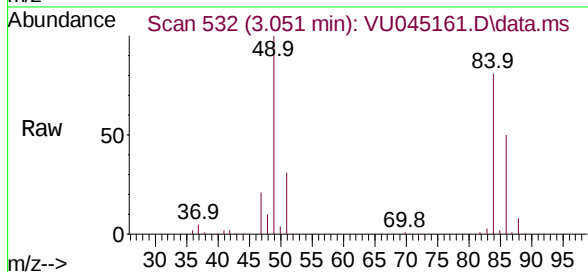
Abundance Scan 532 (3.051 min): VU045134.D\data.ms (-518) #16

Methylene chloride
Concen: 43.409 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

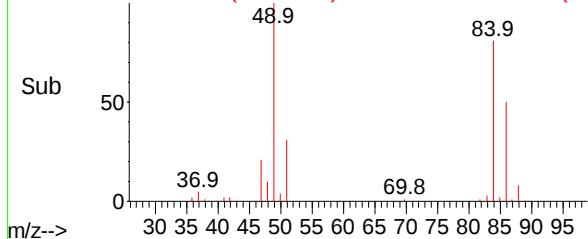
Instrument :
MSVOA_U
ClientSampled :
C0AK0



Tgt Ion:	84	Resp:	131000
Ion	Ratio	Lower	Upper
84	100		
86	62.6	44.7	83.1
49	124.2	92.9	172.5



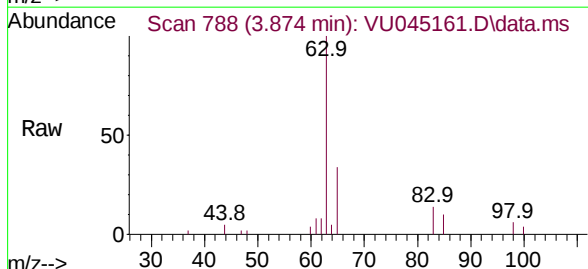
Abundance Scan 532 (3.051 min): VU045161.D\data.ms (-439) (-)



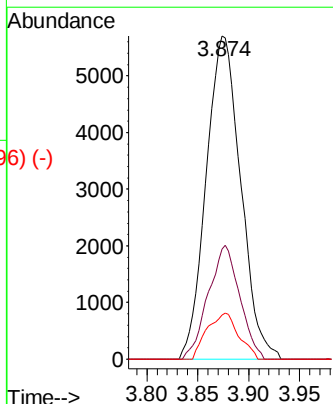
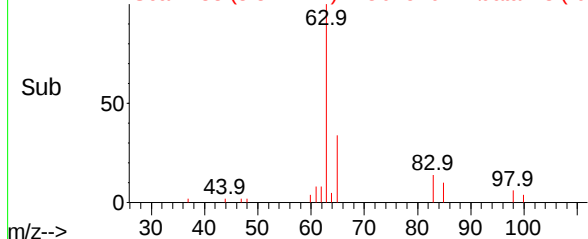
Abundance Scan 789 (3.877 min): VU045134.D\data.ms (-771) #19

1,1-Dichloroethane
Concen: 2.574 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Tgt Ion:	63	Resp:	13436
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.0	40.8
83	12.9	9.0	16.6



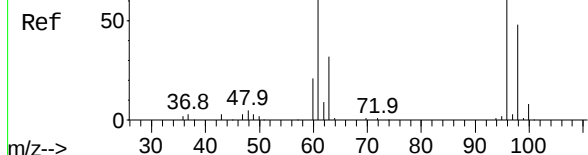
Abundance Scan 788 (3.874 min): VU045161.D\data.ms (-696) (-)



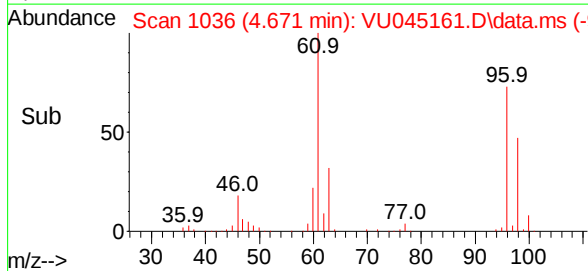
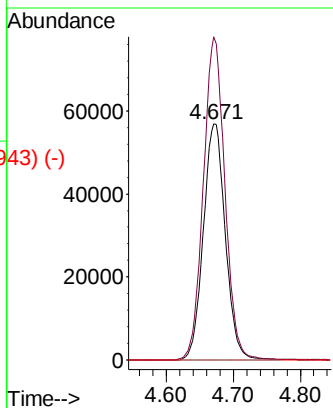
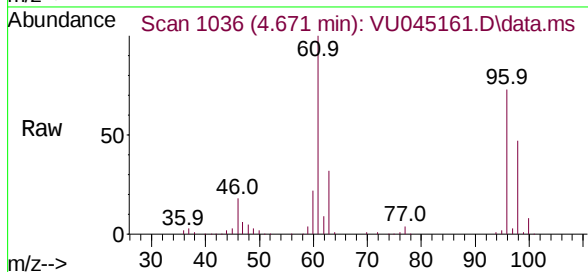
Abundance Scan 1036 (4.671 min): VU045134.D\data.ms (-1029)

cis-1,2-Dichloroethene
Concen: 46.735 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Instrument :
MSVOA_U
ClientSampled :
C0AK0

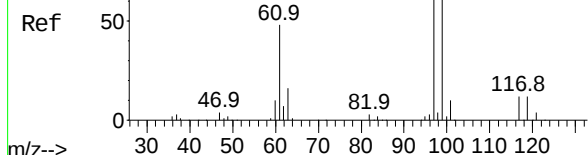


Tgt Ion:	96	Resp:	129225
Ion	Ratio	Lower	Upper
96	100		
61	136.8	100.2	186.0
68	0.0	0.0	0.0

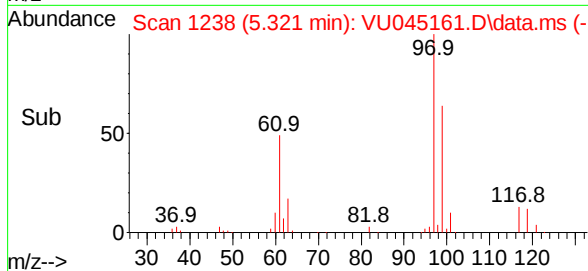
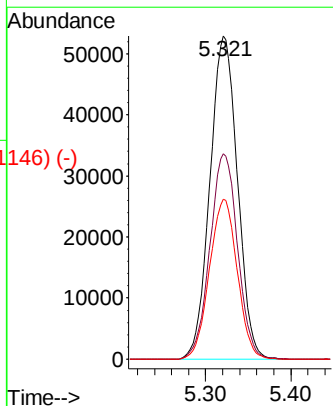
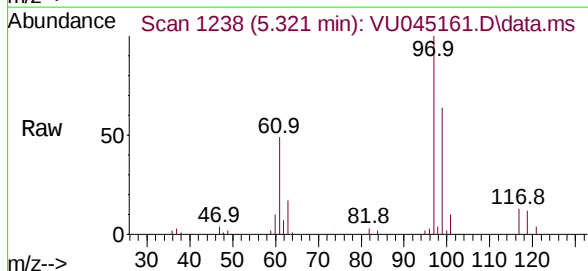


Abundance Scan 1239 (5.324 min): VU045134.D\data.ms (-1239)

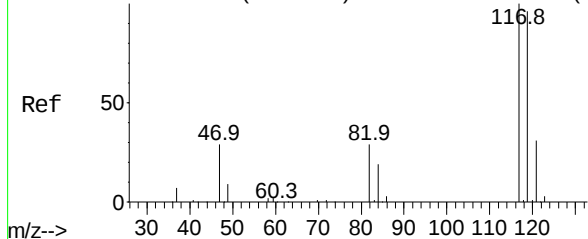
1,1,1-Trichloroethane
Concen: 29.403 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00



Tgt Ion:	97	Resp:	118541
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	75.8
61	49.8	41.3	61.9



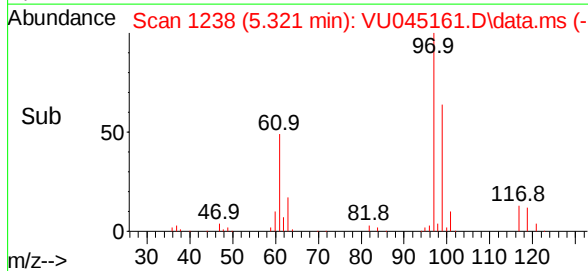
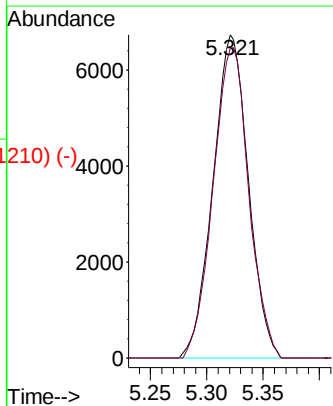
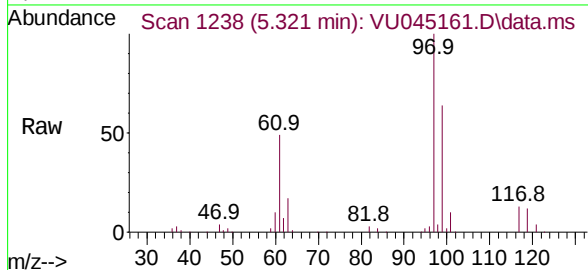
Abundance Scan 1303 (5.530 min): VU045134.D\data.ms (-1281-)



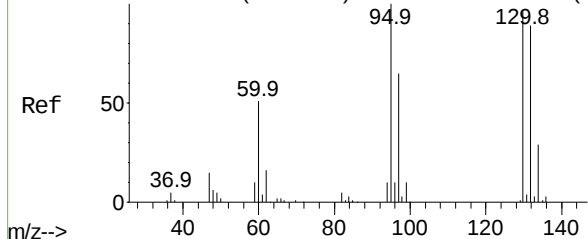
Carbon tetrachloride
Concen: 4.619 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.209 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Instrument :
MSVOA_U
ClientSampled :
C0AK0

Tgt Ion:117 Resp: 14708
Ion Ratio Lower Upper
117 100
119 97.0 77.7 116.5

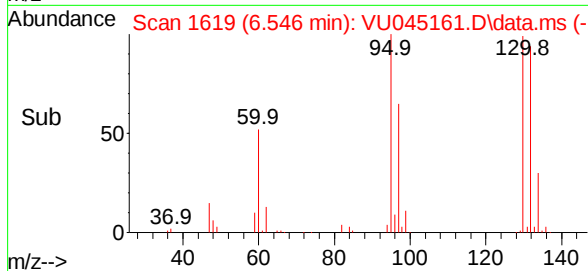
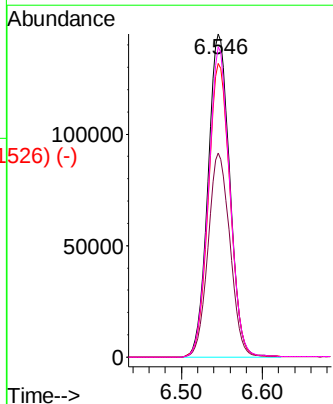
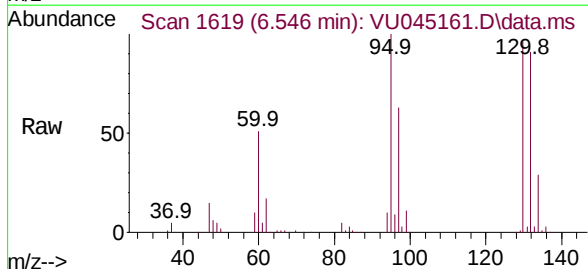


Abundance Scan 1619 (6.546 min): VU045134.D\data.ms (-1603-)

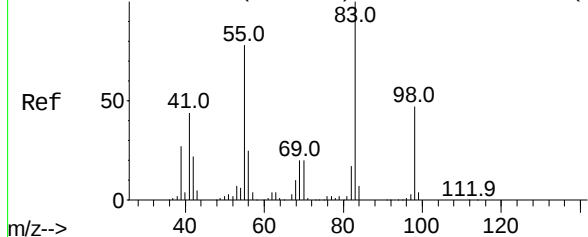


Trichloroethene
Concen: 104.030 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Tgt Ion: 95 Resp: 269912
Ion Ratio Lower Upper
95 100
97 63.1 44.4 82.4
132 90.9 62.9 116.9
130 96.1 65.0 120.8



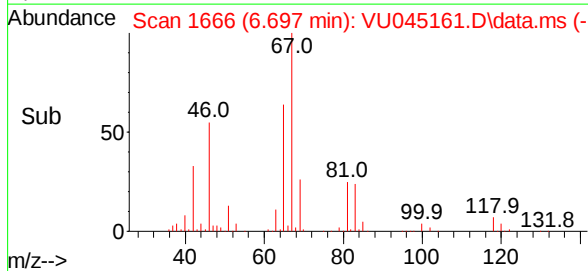
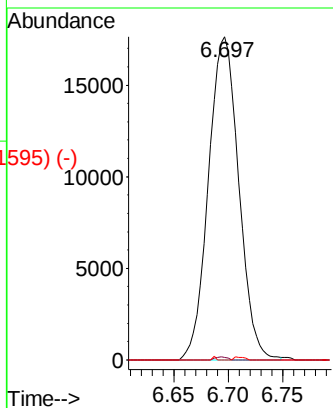
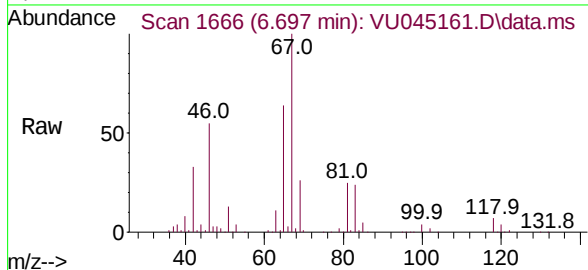
Abundance Scan 1688 (6.768 min): VU045134.D\data.ms (-16735)



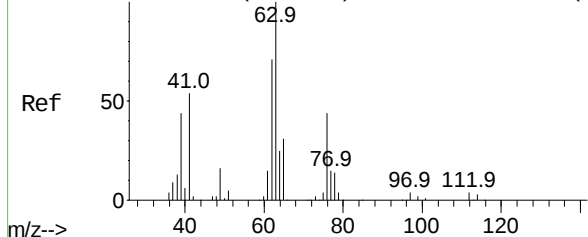
Methylcyclohexane
Concen: 7.856 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Instrument :
MSVOA_U
ClientSampled :
C0AK0

Tgt Ion:	83	Resp:	34124
Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.8	98.6#
98	0.3	37.1	55.7#

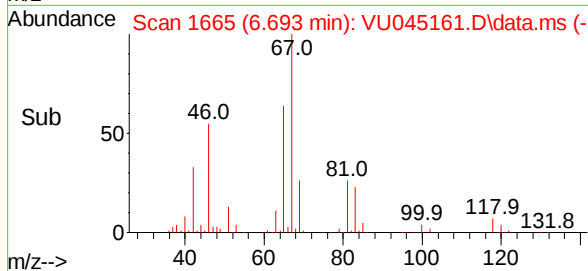
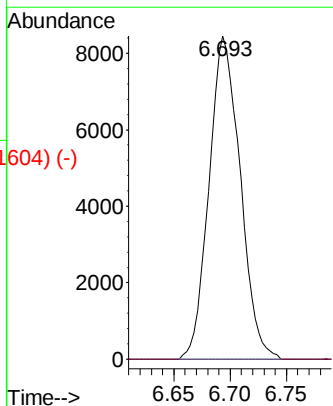
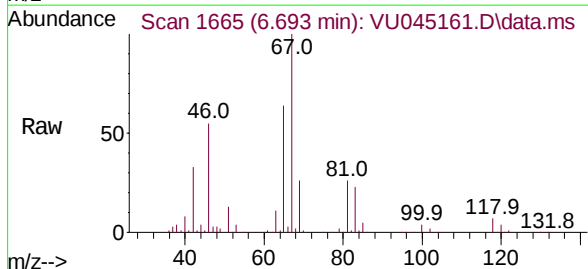


Abundance Scan 1697 (6.796 min): VU045134.D\data.ms (-16607)

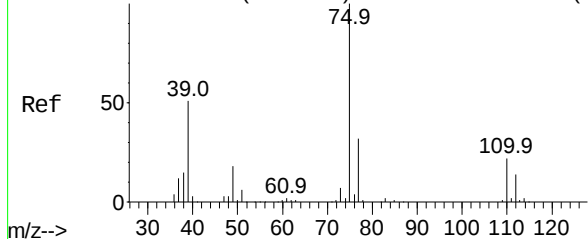


1,2-Dichloropropane
Concen: 5.525 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Tgt Ion:	63	Resp:	16248
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



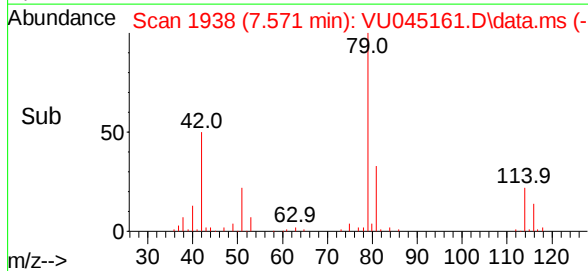
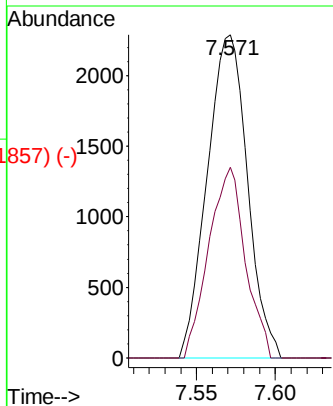
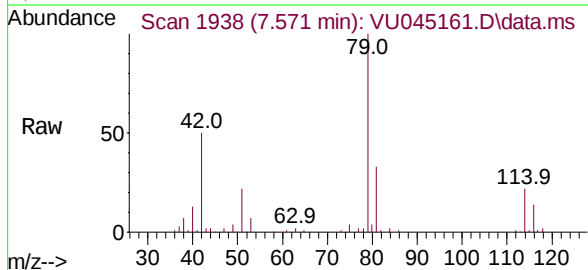
Abundance Scan 1950 (7.610 min): VU045134.D\data.ms (-1928) (-)



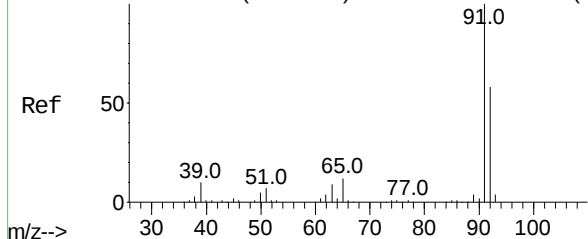
cis-1,3-Dichloropropene
Concen: 0.967 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Instrument :
MSVOA_U
ClientSampled :
C0AK0

Tgt Ion: 75 Resp: 4068
Ion Ratio Lower Upper
75 100
77 59.0 22.4 41.6#

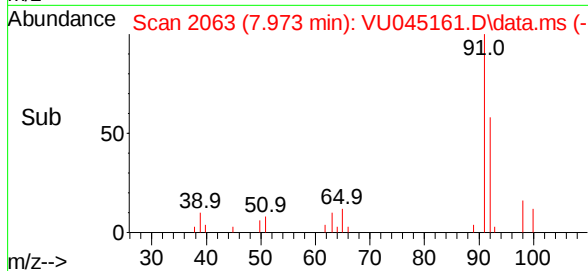
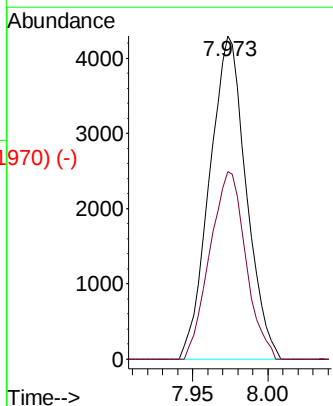
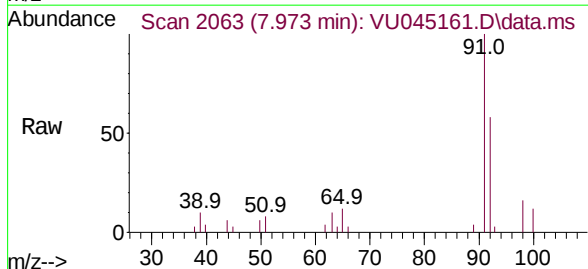


Abundance Scan 2063 (7.973 min): VU045134.D\data.ms (-2049) (-)

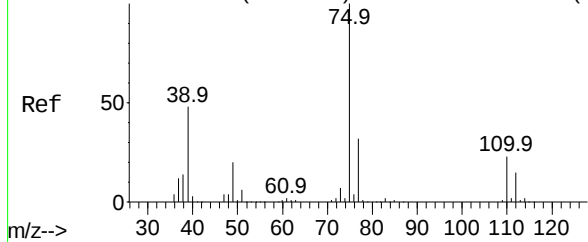


Toluene
Concen: 0.663 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Tgt Ion: 91 Resp: 7280
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1



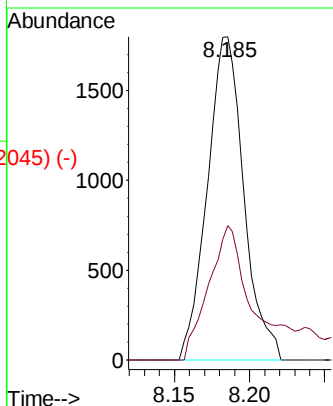
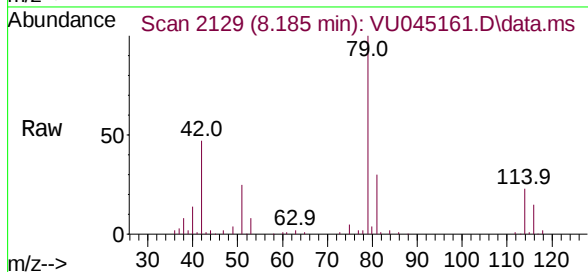
Abundance Scan 2138 (8.214 min): VU045134.D\data.ms (-21194-)



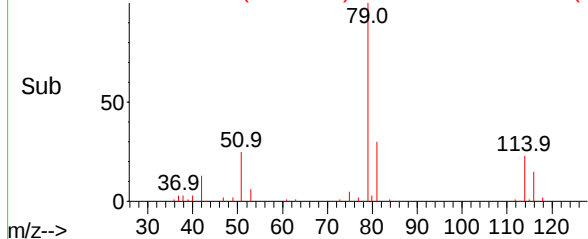
trans-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Instrument :
MSVOA_U
ClientSampleId :
C0AK0

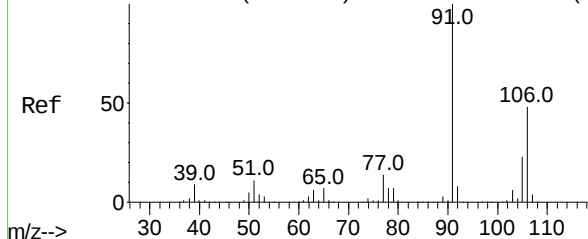
Tgt Ion: 75 Resp: 3041
Ion Ratio Lower Upper
75 100
77 41.7 21.7 40.3#



Abundance Scan 2129 (8.185 min): VU045161.D\data.ms (-2045-)

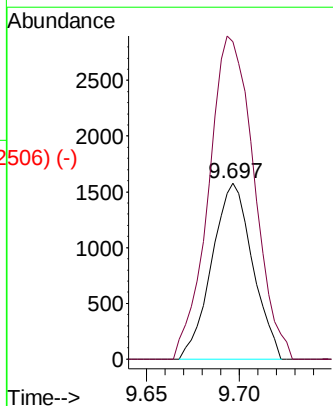
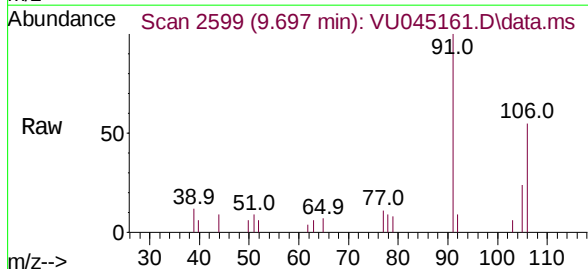


Abundance Scan 2599 (9.697 min): VU045134.D\data.ms (-25653-)



m,p-Xylene
Concen: 0.549 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045161.D
Acq: 05 Oct 2021 22:00

Tgt Ion:106 Resp: 2410
Ion Ratio Lower Upper
106 100
91 180.4 146.7 272.4



Abundance Scan 2599 (9.697 min): VU045161.D\data.ms (-2506-)

